

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/01/2018	1	270	225	182
01/01/2018	2	225	225	175
01/01/2018	3	225	225	169
01/01/2018	4	225	225	167
01/01/2018	4	225	225	166
01/01/2018	6	225	225	169
01/01/2018	7	225	225	162
01/01/2018	8	225	225	163
01/01/2018	9	225	225	167
01/01/2018	10	225	225	175
01/01/2018	11	225	225	184
01/01/2018	12	225	225	194
01/01/2018	13	241	225	195
01/01/2018	14	226	225	195
01/01/2018	15	225	225	193
01/01/2018	16	270	225	192
01/01/2018	17	270	225	194
01/01/2018	18	300	270	232
01/01/2018	19	300	270	230
01/01/2018	20	300	270	225
01/01/2018	21	300	270	223
01/01/2018	22	300	270	222
01/01/2018	23	300	270	218
01/01/2018	24	270	266	213
01/02/2018	1	450	380	226
01/02/2018	2	440	333	221
01/02/2018	3	380	300	213
01/02/2018	4	360	280	209
01/02/2018	5	400	300	217
01/02/2018	6	422	300	225
01/02/2018	7	430	320	231
01/02/2018	8	410	350	250
01/02/2018	9	440	350	291
01/02/2018	10	460	380	309
01/02/2018	11	550	380	321
01/02/2018	12	480	380	315
01/02/2018	13	430	380	314
01/02/2018	14	550	380	321
01/02/2018	15	480	380	318
01/02/2018	16	440	380	311
01/02/2018	17	430	380	300
01/02/2018	18	480	380	313
01/02/2018	19	450	380	312
01/02/2018	20	420	380	303
01/02/2018	21	400	380	297
01/02/2018	22	390	380	284
01/02/2018	23	380	380	275
01/02/2018	24	380	360	260
01/03/2018	1	480	450	248
01/03/2018	2	450	350	239
01/03/2018	3	400	350	234
01/03/2018	4	360	350	230
01/03/2018	5	461	350	235
01/03/2018	6	443	350	236
01/03/2018	7	430	320	237
01/03/2018	8	440	350	269
01/03/2018	9	456	450	309
01/03/2018	10	528	456	326
01/03/2018	11	580	456	338
01/03/2018	12	480	456	330
01/03/2018	13	456	430	327
01/03/2018	14	580	457	339
01/03/2018	15	550	456	335
01/03/2018	16	550	456	331
01/03/2018	17	512	456	322

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/03/2018	18	569	456	336
01/03/2018	19	500	456	327
01/03/2018	20	480	456	323
01/03/2018	21	456	450	315
01/03/2018	22	456	390	300
01/03/2018	23	456	380	282
01/03/2018	24	456	360	266
01/04/2018	1	464	400	242
01/04/2018	2	420	345	229
01/04/2018	3	400	328	223
01/04/2018	4	360	315	220
01/04/2018	5	460	315	225
01/04/2018	6	484	320	238
01/04/2018	7	450	320	240
01/04/2018	8	469	350	262
01/04/2018	9	480	456	290
01/04/2018	10	584	456	305
01/04/2018	11	580	456	318
01/04/2018	12	480	456	309
01/04/2018	13	473	456	310
01/04/2018	14	580	457	322
01/04/2018	15	558	456	317
01/04/2018	16	550	456	313
01/04/2018	17	507	456	304
01/04/2018	18	547	456	316
01/04/2018	19	500	456	309
01/04/2018	20	480	456	305
01/04/2018	21	458	456	297
01/04/2018	22	456	410	285
01/04/2018	23	456	400	269
01/04/2018	24	456	360	251
01/05/2018	1	480	400	247
01/05/2018	2	420	350	238
01/05/2018	3	400	340	232
01/05/2018	4	360	316	229
01/05/2018	5	460	350	235
01/05/2018	6	484	350	245
01/05/2018	7	450	350	248
01/05/2018	8	500	350	275
01/05/2018	9	550	456	309
01/05/2018	10	578	456	330
01/05/2018	11	647	520	341
01/05/2018	12	550	485	334
01/05/2018	13	547	470	333
01/05/2018	14	647	600	345
01/05/2018	15	647	553	343
01/05/2018	16	647	541	338
01/05/2018	17	505	456	323
01/05/2018	18	550	456	332
01/05/2018	19	500	456	325
01/05/2018	20	480	456	318
01/05/2018	21	456	450	310
01/05/2018	22	456	410	294
01/05/2018	23	456	400	278
01/05/2018	24	456	360	259
01/06/2018	1	420	340	215
01/06/2018	2	380	300	211
01/06/2018	3	360	280	206
01/06/2018	4	340	280	200
01/06/2018	5	400	320	207
01/06/2018	6	440	340	215
01/06/2018	7	450	350	223
01/06/2018	8	460	350	238
01/06/2018	9	480	370	277
01/06/2018	10	500	400	298

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/06/2018	11	530	430	308
01/06/2018	12	516	410	302
01/06/2018	13	540	430	306
01/06/2018	14	560	456	310
01/06/2018	15	530	430	306
01/06/2018	16	542	400	301
01/06/2018	17	505	404	290
01/06/2018	18	500	400	294
01/06/2018	19	522	400	300
01/06/2018	20	480	400	287
01/06/2018	21	450	400	277
01/06/2018	22	410	380	261
01/06/2018	23	380	380	243
01/06/2018	24	360	320	233
01/07/2018	1	450	380	244
01/07/2018	2	410	350	235
01/07/2018	3	380	340	228
01/07/2018	4	350	316	225
01/07/2018	5	440	350	231
01/07/2018	6	460	350	241
01/07/2018	7	440	350	244
01/07/2018	8	480	386	252
01/07/2018	9	550	456	266
01/07/2018	10	570	456	280
01/07/2018	11	580	549	290
01/07/2018	12	530	485	281
01/07/2018	13	530	470	284
01/07/2018	14	600	580	290
01/07/2018	15	560	552	286
01/07/2018	16	541	540	279
01/07/2018	17	480	456	277
01/07/2018	18	580	456	290
01/07/2018	19	560	456	289
01/07/2018	20	480	456	287
01/07/2018	21	474	456	283
01/07/2018	22	456	408	275
01/07/2018	23	400	380	266
01/07/2018	24	360	350	255
01/08/2018	1	500	420	251
01/08/2018	2	450	380	243
01/08/2018	3	380	350	236
01/08/2018	4	350	316	231
01/08/2018	5	470	350	239
01/08/2018	6	460	350	241
01/08/2018	7	440	350	246
01/08/2018	8	480	386	282
01/08/2018	9	550	456	309
01/08/2018	10	570	456	330
01/08/2018	11	580	549	341
01/08/2018	12	530	485	334
01/08/2018	13	530	470	333
01/08/2018	14	647	600	345
01/08/2018	15	647	560	343
01/08/2018	16	647	550	338
01/08/2018	17	550	456	323
01/08/2018	18	580	456	332
01/08/2018	19	560	456	325
01/08/2018	20	480	456	318
01/08/2018	21	480	456	310
01/08/2018	22	456	420	294
01/08/2018	23	397	380	278
01/08/2018	24	350	350	259
01/09/2018	1	550	460	261
01/09/2018	2	480	420	255
01/09/2018	3	450	400	246

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/09/2018	4	420	380	243
01/09/2018	5	470	400	251
01/09/2018	6	520	440	254
01/09/2018	7	445	400	257
01/09/2018	8	454	400	288
01/09/2018	9	540	477	320
01/09/2018	10	548	483	335
01/09/2018	11	548	507	346
01/09/2018	12	548	476	339
01/09/2018	13	548	456	337
01/09/2018	14	592	548	349
01/09/2018	15	548	518	347
01/09/2018	16	548	480	341
01/09/2018	17	550	461	332
01/09/2018	18	647	568	346
01/09/2018	19	587	500	340
01/09/2018	20	550	468	336
01/09/2018	21	550	460	330
01/09/2018	22	500	456	314
01/09/2018	23	460	456	292
01/09/2018	24	456	420	273
01/10/2018	1	550	460	261
01/10/2018	2	480	420	255
01/10/2018	3	450	400	246
01/10/2018	4	420	380	243
01/10/2018	5	470	400	251
01/10/2018	6	520	440	254
01/10/2018	7	445	400	257
01/10/2018	8	454	400	288
01/10/2018	9	540	477	320
01/10/2018	10	548	483	335
01/10/2018	11	548	507	346
01/10/2018	12	548	476	339
01/10/2018	13	548	456	337
01/10/2018	14	592	548	349
01/10/2018	15	548	518	347
01/10/2018	16	548	480	341
01/10/2018	17	550	461	332
01/10/2018	18	647	568	346
01/10/2018	19	587	500	340
01/10/2018	20	550	468	336
01/10/2018	21	550	460	330
01/10/2018	22	500	456	314
01/10/2018	23	460	456	292
01/10/2018	24	456	420	273
01/11/2018	1	580	470	268
01/11/2018	2	550	430	261
01/11/2018	3	450	400	254
01/11/2018	4	420	380	250
01/11/2018	5	470	400	257
01/11/2018	6	520	440	265
01/11/2018	7	445	400	265
01/11/2018	8	454	431	292
01/11/2018	9	540	456	323
01/11/2018	10	548	483	337
01/11/2018	11	580	496	351
01/11/2018	12	520	480	342
01/11/2018	13	548	456	345
01/11/2018	14	580	537	356
01/11/2018	15	550	477	352
01/11/2018	16	540	470	348
01/11/2018	17	600	484	338
01/11/2018	18	591	466	351
01/11/2018	19	536	456	341
01/11/2018	20	526	456	337

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/11/2018	21	506	456	324
01/11/2018	22	486	456	309
01/11/2018	23	456	446	287
01/11/2018	24	456	406	269
01/12/2018	1	584	450	268
01/12/2018	2	550	420	257
01/12/2018	3	450	400	251
01/12/2018	4	420	380	248
01/12/2018	5	460	380	251
01/12/2018	6	480	400	253
01/12/2018	7	470	420	259
01/12/2018	8	520	430	283
01/12/2018	9	550	456	316
01/12/2018	10	570	491	335
01/12/2018	11	580	496	349
01/12/2018	12	514	480	339
01/12/2018	13	484	456	335
01/12/2018	14	580	461	345
01/12/2018	15	550	456	340
01/12/2018	16	500	456	334
01/12/2018	17	480	456	324
01/12/2018	18	550	456	338
01/12/2018	19	520	456	331
01/12/2018	20	500	456	327
01/12/2018	21	480	456	322
01/12/2018	22	470	456	310
01/12/2018	23	456	420	293
01/12/2018	24	456	414	275
01/13/2018	1	570	440	248
01/13/2018	2	547	410	240
01/13/2018	3	530	399	233
01/13/2018	4	512	378	230
01/13/2018	5	492	366	229
01/13/2018	6	462	342	230
01/13/2018	7	400	301	211
01/13/2018	8	500	393	253
01/13/2018	9	530	420	278
01/13/2018	10	548	450	299
01/13/2018	11	560	480	310
01/13/2018	12	530	450	302
01/13/2018	13	490	420	300
01/13/2018	14	580	480	311
01/13/2018	15	540	430	304
01/13/2018	16	500	435	297
01/13/2018	17	480	411	287
01/13/2018	18	520	445	304
01/13/2018	19	500	423	304
01/13/2018	20	480	430	302
01/13/2018	21	460	430	295
01/13/2018	22	440	420	284
01/13/2018	23	420	400	271
01/13/2018	24	400	380	254
01/14/2018	1	550	420	240
01/14/2018	2	480	400	231
01/14/2018	3	460	380	224
01/14/2018	4	440	360	221
01/14/2018	5	490	410	227
01/14/2018	6	460	420	237
01/14/2018	7	480	430	240
01/14/2018	8	500	440	248
01/14/2018	9	550	439	258
01/14/2018	10	570	460	272
01/14/2018	11	580	480	282
01/14/2018	12	508	450	273
01/14/2018	13	484	420	276

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/14/2018	14	580	429	282
01/14/2018	15	500	412	278
01/14/2018	16	480	409	271
01/14/2018	17	491	400	271
01/14/2018	18	516	454	283
01/14/2018	19	520	453	284
01/14/2018	20	498	410	281
01/14/2018	21	480	410	277
01/14/2018	22	470	419	269
01/14/2018	23	420	361	260
01/14/2018	24	414	350	249
01/15/2018	1	564	420	244
01/15/2018	2	484	400	235
01/15/2018	3	460	380	228
01/15/2018	4	440	360	225
01/15/2018	5	490	410	231
01/15/2018	6	460	420	241
01/15/2018	7	467	430	244
01/15/2018	8	500	440	268
01/15/2018	9	550	456	313
01/15/2018	10	570	460	333
01/15/2018	11	647	533	346
01/15/2018	12	516	456	337
01/15/2018	13	484	456	332
01/15/2018	14	603	456	342
01/15/2018	15	563	456	337
01/15/2018	16	520	456	331
01/15/2018	17	480	456	322
01/15/2018	18	516	456	336
01/15/2018	19	520	456	329
01/15/2018	20	498	456	325
01/15/2018	21	480	456	319
01/15/2018	22	470	456	307
01/15/2018	23	456	440	291
01/15/2018	24	456	420	273
01/16/2018	1	560	435	246
01/16/2018	2	480	420	238
01/16/2018	3	450	380	232
01/16/2018	4	430	360	229
01/16/2018	5	480	410	236
01/16/2018	6	460	420	244
01/16/2018	7	410	400	226
01/16/2018	8	500	440	270
01/16/2018	9	550	456	302
01/16/2018	10	570	460	324
01/16/2018	11	580	483	335
01/16/2018	12	552	456	325
01/16/2018	13	484	456	323
01/16/2018	14	600	487	336
01/16/2018	15	563	456	332
01/16/2018	16	536	456	326
01/16/2018	17	479	456	314
01/16/2018	18	516	456	320
01/16/2018	19	520	456	320
01/16/2018	20	485	456	313
01/16/2018	21	480	456	304
01/16/2018	22	456	449	287
01/16/2018	23	456	440	271
01/16/2018	24	456	420	253
01/17/2018	1	520	435	239
01/17/2018	2	460	420	234
01/17/2018	3	440	380	228
01/17/2018	4	420	360	229
01/17/2018	5	460	410	238
01/17/2018	6	450	420	248

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/17/2018	7	420	356	251
01/17/2018	8	444	400	273
01/17/2018	9	530	456	306
01/17/2018	10	560	460	325
01/17/2018	11	580	504	338
01/17/2018	12	550	456	327
01/17/2018	13	456	451	326
01/17/2018	14	590	487	339
01/17/2018	15	570	458	337
01/17/2018	16	541	456	331
01/17/2018	17	489	456	319
01/17/2018	18	526	456	328
01/17/2018	19	530	459	327
01/17/2018	20	459	456	316
01/17/2018	21	480	456	305
01/17/2018	22	459	456	287
01/17/2018	23	456	450	268
01/17/2018	24	456	430	249
01/18/2018	1	550	435	243
01/18/2018	2	500	420	237
01/18/2018	3	470	380	229
01/18/2018	4	441	360	227
01/18/2018	5	480	453	232
01/18/2018	6	450	420	240
01/18/2018	7	420	356	247
01/18/2018	8	444	382	264
01/18/2018	9	480	395	291
01/18/2018	10	560	455	307
01/18/2018	11	562	475	319
01/18/2018	12	550	420	309
01/18/2018	13	451	420	308
01/18/2018	14	570	470	319
01/18/2018	15	550	440	315
01/18/2018	16	530	420	311
01/18/2018	17	440	377	301
01/18/2018	18	480	430	311
01/18/2018	19	460	400	305
01/18/2018	20	440	365	299
01/18/2018	21	420	350	288
01/18/2018	22	410	350	274
01/18/2018	23	400	350	256
01/18/2018	24	380	350	242
01/19/2018	1	580	380	247
01/19/2018	2	500	316	241
01/19/2018	3	460	316	234
01/19/2018	4	440	316	234
01/19/2018	5	460	316	239
01/19/2018	6	440	316	248
01/19/2018	7	419	316	252
01/19/2018	8	456	450	277
01/19/2018	9	480	456	308
01/19/2018	10	595	456	328
01/19/2018	11	647	456	338
01/19/2018	12	550	456	330
01/19/2018	13	510	456	330
01/19/2018	14	647	456	342
01/19/2018	15	647	456	337
01/19/2018	16	580	456	331
01/19/2018	17	515	456	318
01/19/2018	18	540	456	324
01/19/2018	19	520	456	324
01/19/2018	20	456	440	315
01/19/2018	21	456	420	306
01/19/2018	22	456	410	289
01/19/2018	23	456	400	271

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/19/2018	24	456	380	257
01/20/2018	1	590	400	238
01/20/2018	2	565	380	232
01/20/2018	3	470	360	227
01/20/2018	4	450	340	224
01/20/2018	5	480	350	228
01/20/2018	6	450	350	232
01/20/2018	7	480	338	252
01/20/2018	8	500	350	262
01/20/2018	9	587	380	281
01/20/2018	10	647	405	304
01/20/2018	11	647	420	310
01/20/2018	12	647	456	304
01/20/2018	13	647	456	301
01/20/2018	14	647	456	308
01/20/2018	15	647	430	305
01/20/2018	16	647	410	299
01/20/2018	17	647	420	288
01/20/2018	18	647	420	299
01/20/2018	19	647	420	304
01/20/2018	20	647	400	297
01/20/2018	21	580	380	287
01/20/2018	22	561	380	268
01/20/2018	23	520	380	252
01/20/2018	24	456	380	232
01/21/2018	1	590	380	236
01/21/2018	2	565	316	231
01/21/2018	3	470	316	224
01/21/2018	4	450	316	221
01/21/2018	5	480	316	227
01/21/2018	6	450	350	237
01/21/2018	7	480	456	240
01/21/2018	8	500	456	248
01/21/2018	9	587	456	261
01/21/2018	10	647	456	275
01/21/2018	11	647	456	285
01/21/2018	12	647	456	276
01/21/2018	13	647	456	279
01/21/2018	14	647	456	285
01/21/2018	15	647	456	281
01/21/2018	16	647	456	274
01/21/2018	17	647	456	274
01/21/2018	18	647	456	286
01/21/2018	19	647	456	287
01/21/2018	20	647	456	284
01/21/2018	21	580	456	280
01/21/2018	22	561	456	272
01/21/2018	23	520	456	263
01/21/2018	24	456	447	252
01/22/2018	1	570	380	238
01/22/2018	2	540	316	231
01/22/2018	3	440	316	224
01/22/2018	4	420	316	223
01/22/2018	5	450	316	230
01/22/2018	6	440	350	238
01/22/2018	7	456	420	242
01/22/2018	8	456	447	269
01/22/2018	9	562	456	306
01/22/2018	10	647	456	327
01/22/2018	11	647	456	337
01/22/2018	12	647	456	329
01/22/2018	13	647	456	329
01/22/2018	14	647	456	341
01/22/2018	15	647	456	336
01/22/2018	16	647	456	330

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/22/2018	17	647	456	316
01/22/2018	18	647	456	322
01/22/2018	19	647	456	323
01/22/2018	20	550	456	313
01/22/2018	21	520	456	304
01/22/2018	22	500	456	288
01/22/2018	23	500	456	270
01/22/2018	24	456	440	255
01/23/2018	1	600	380	252
01/23/2018	2	570	350	242
01/23/2018	3	500	350	235
01/23/2018	4	450	350	234
01/23/2018	5	470	350	243
01/23/2018	6	480	350	254
01/23/2018	7	545	350	262
01/23/2018	8	567	456	281
01/23/2018	9	647	456	314
01/23/2018	10	647	456	335
01/23/2018	11	647	456	345
01/23/2018	12	647	456	336
01/23/2018	13	647	456	333
01/23/2018	14	647	456	347
01/23/2018	15	647	456	344
01/23/2018	16	647	456	339
01/23/2018	17	647	456	327
01/23/2018	18	647	456	335
01/23/2018	19	647	456	334
01/23/2018	20	647	456	326
01/23/2018	21	647	456	316
01/23/2018	22	647	456	298
01/23/2018	23	500	456	279
01/23/2018	24	456	450	263
01/24/2018	1	580	390	248
01/24/2018	2	550	316	240
01/24/2018	3	480	316	234
01/24/2018	4	440	316	233
01/24/2018	5	473	320	242
01/24/2018	6	480	320	255
01/24/2018	7	545	320	264
01/24/2018	8	557	350	283
01/24/2018	9	647	456	314
01/24/2018	10	647	456	331
01/24/2018	11	647	456	347
01/24/2018	12	647	456	328
01/24/2018	13	647	456	326
01/24/2018	14	647	456	339
01/24/2018	15	647	456	333
01/24/2018	16	647	456	331
01/24/2018	17	647	456	322
01/24/2018	18	647	456	330
01/24/2018	19	647	456	332
01/24/2018	20	647	456	322
01/24/2018	21	647	456	308
01/24/2018	22	647	456	289
01/24/2018	23	496	456	270
01/24/2018	24	464	456	255
01/25/2018	1	601	456	256
01/25/2018	2	550	382	249
01/25/2018	3	480	365	243
01/25/2018	4	450	350	240
01/25/2018	5	470	350	248
01/25/2018	6	500	350	259
01/25/2018	7	510	350	266
01/25/2018	8	580	350	286
01/25/2018	9	647	456	318

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/25/2018	10	647	456	339
01/25/2018	11	647	456	351
01/25/2018	12	647	456	341
01/25/2018	13	647	456	338
01/25/2018	14	647	456	353
01/25/2018	15	647	456	351
01/25/2018	16	647	456	346
01/25/2018	17	647	456	333
01/25/2018	18	647	456	339
01/25/2018	19	647	456	339
01/25/2018	20	647	456	329
01/25/2018	21	580	456	318
01/25/2018	22	550	456	301
01/25/2018	23	520	456	283
01/25/2018	24	480	456	268
01/26/2018	1	620	456	257
01/26/2018	2	560	350	249
01/26/2018	3	490	350	243
01/26/2018	4	460	350	240
01/26/2018	5	480	350	243
01/26/2018	6	520	350	253
01/26/2018	7	510	316	256
01/26/2018	8	580	350	287
01/26/2018	9	647	456	317
01/26/2018	10	647	456	334
01/26/2018	11	647	456	345
01/26/2018	12	647	456	336
01/26/2018	13	647	456	331
01/26/2018	14	647	456	340
01/26/2018	15	647	456	336
01/26/2018	16	647	456	331
01/26/2018	17	647	456	320
01/26/2018	18	647	456	330
01/26/2018	19	647	456	329
01/26/2018	20	580	456	320
01/26/2018	21	563	456	312
01/26/2018	22	550	456	296
01/26/2018	23	516	456	279
01/26/2018	24	456	424	263
01/27/2018	1	600	420	252
01/27/2018	2	560	420	246
01/27/2018	3	520	420	242
01/27/2018	4	470	420	238
01/27/2018	5	500	420	242
01/27/2018	6	520	420	237
01/27/2018	7	520	420	240
01/27/2018	8	580	420	271
01/27/2018	9	600	420	296
01/27/2018	10	627	420	318
01/27/2018	11	647	420	331
01/27/2018	12	600	420	322
01/27/2018	13	600	420	319
01/27/2018	14	647	420	327
01/27/2018	15	620	420	324
01/27/2018	16	600	420	318
01/27/2018	17	560	420	305
01/27/2018	18	600	420	315
01/27/2018	19	620	420	323
01/27/2018	20	600	420	316
01/27/2018	21	580	420	308
01/27/2018	22	580	420	293
01/27/2018	23	580	420	278
01/27/2018	24	500	420	261
01/28/2018	1	591	420	242
01/28/2018	2	532	420	233

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/28/2018	3	440	420	226
01/28/2018	4	420	420	223
01/28/2018	5	482	420	229
01/28/2018	6	520	420	239
01/28/2018	7	510	420	242
01/28/2018	8	580	420	250
01/28/2018	9	647	420	265
01/28/2018	10	647	420	280
01/28/2018	11	647	420	289
01/28/2018	12	647	420	280
01/28/2018	13	647	420	283
01/28/2018	14	647	420	289
01/28/2018	15	647	420	285
01/28/2018	16	647	420	278
01/28/2018	17	647	420	278
01/28/2018	18	647	420	291
01/28/2018	19	647	420	291
01/28/2018	20	647	420	288
01/28/2018	21	647	420	284
01/28/2018	22	647	420	276
01/28/2018	23	550	420	267
01/28/2018	24	487	420	256
01/29/2018	1	570	420	238
01/29/2018	2	520	420	231
01/29/2018	3	420	420	224
01/29/2018	4	420	400	223
01/29/2018	5	460	420	230
01/29/2018	6	500	420	238
01/29/2018	7	480	420	242
01/29/2018	8	570	420	281
01/29/2018	9	647	420	321
01/29/2018	10	647	420	342
01/29/2018	11	647	420	353
01/29/2018	12	647	420	342
01/29/2018	13	647	420	342
01/29/2018	14	647	420	353
01/29/2018	15	647	420	354
01/29/2018	16	647	420	348
01/29/2018	17	647	420	333
01/29/2018	18	647	420	336
01/29/2018	19	647	420	341
01/29/2018	20	647	420	333
01/29/2018	21	647	420	323
01/29/2018	22	647	420	306
01/29/2018	23	647	420	289
01/29/2018	24	647	420	271
01/30/2018	1	600	420	259
01/30/2018	2	550	420	246
01/30/2018	3	500	420	239
01/30/2018	4	450	420	236
01/30/2018	5	480	420	236
01/30/2018	6	520	420	240
01/30/2018	7	540	420	248
01/30/2018	8	580	420	283
01/30/2018	9	647	420	314
01/30/2018	10	647	420	338
01/30/2018	11	647	420	348
01/30/2018	12	647	420	337
01/30/2018	13	647	420	336
01/30/2018	14	647	420	350
01/30/2018	15	647	420	346
01/30/2018	16	647	420	340
01/30/2018	17	550	420	326
01/30/2018	18	647	420	330
01/30/2018	19	647	420	337

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/30/2018	20	647	420	326
01/30/2018	21	647	420	317
01/30/2018	22	647	420	300
01/30/2018	23	575	420	276
01/30/2018	24	465	420	259
01/31/2018	1	610	420	253
01/31/2018	2	580	420	244
01/31/2018	3	574	420	241
01/31/2018	4	551	420	236
01/31/2018	5	563	420	245
01/31/2018	6	582	420	253
01/31/2018	7	598	420	255
01/31/2018	8	600	420	283
01/31/2018	9	647	414	314
01/31/2018	10	647	414	334
01/31/2018	11	647	414	346
01/31/2018	12	647	414	337
01/31/2018	13	647	420	335
01/31/2018	14	647	420	346
01/31/2018	15	647	420	343
01/31/2018	16	582	420	335
01/31/2018	17	540	420	326
01/31/2018	18	560	420	328
01/31/2018	19	605	420	332
01/31/2018	20	580	420	323
01/31/2018	21	580	420	314
01/31/2018	22	560	420	293
01/31/2018	23	550	420	275
01/31/2018	24	500	420	261
02/01/2018	1	580	420	243
02/01/2018	2	550	420	236
02/01/2018	3	510	420	232
02/01/2018	4	480	420	229
02/01/2018	5	550	420	237
02/01/2018	6	580	420	245
02/01/2018	7	590	420	244
02/01/2018	8	600	420	271
02/01/2018	9	647	420	302
02/01/2018	10	647	420	320
02/01/2018	11	647	420	331
02/01/2018	12	647	420	322
02/01/2018	13	647	420	319
02/01/2018	14	647	420	327
02/01/2018	15	647	420	327
02/01/2018	16	553	420	322
02/01/2018	17	490	420	311
02/01/2018	18	550	420	313
02/01/2018	19	580	420	316
02/01/2018	20	540	420	307
02/01/2018	21	520	420	297
02/01/2018	22	500	420	283
02/01/2018	23	486	420	267
02/01/2018	24	448	420	250
02/02/2018	1	580	420	248
02/02/2018	2	520	420	228
02/02/2018	3	460	420	222
02/02/2018	4	440	420	223
02/02/2018	5	480	420	229
02/02/2018	6	450	420	229
02/02/2018	7	562	420	241
02/02/2018	8	605	420	274
02/02/2018	9	647	420	305
02/02/2018	10	647	420	329
02/02/2018	11	647	420	340
02/02/2018	12	647	420	332

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/02/2018	13	647	420	333
02/02/2018	14	647	420	344
02/02/2018	15	647	420	341
02/02/2018	16	647	420	333
02/02/2018	17	647	420	321
02/02/2018	18	647	420	330
02/02/2018	19	647	420	327
02/02/2018	20	647	420	321
02/02/2018	21	647	420	312
02/02/2018	22	550	420	293
02/02/2018	23	470	420	268
02/02/2018	24	440	420	254
02/03/2018	1	569	420	252
02/03/2018	2	552	420	244
02/03/2018	3	530	420	238
02/03/2018	4	525	420	234
02/03/2018	5	555	420	235
02/03/2018	6	573	420	239
02/03/2018	7	520	420	240
02/03/2018	8	540	420	262
02/03/2018	9	560	420	285
02/03/2018	10	580	420	304
02/03/2018	11	580	420	316
02/03/2018	12	540	420	307
02/03/2018	13	500	420	301
02/03/2018	14	560	420	310
02/03/2018	15	520	420	306
02/03/2018	16	500	420	301
02/03/2018	17	460	420	292
02/03/2018	18	480	420	303
02/03/2018	19	500	420	310
02/03/2018	20	470	420	305
02/03/2018	21	450	420	300
02/03/2018	22	430	420	280
02/03/2018	23	420	410	268
02/03/2018	24	420	380	250
02/04/2018	1	600	420	238
02/04/2018	2	572	420	229
02/04/2018	3	538	420	222
02/04/2018	4	450	420	219
02/04/2018	5	550	420	225
02/04/2018	6	580	420	235
02/04/2018	7	610	420	238
02/04/2018	8	647	420	246
02/04/2018	9	647	420	262
02/04/2018	10	647	420	277
02/04/2018	11	647	420	286
02/04/2018	12	647	420	277
02/04/2018	13	647	420	280
02/04/2018	14	647	420	286
02/04/2018	15	647	420	282
02/04/2018	16	556	420	275
02/04/2018	17	513	420	275
02/04/2018	18	647	420	288
02/04/2018	19	647	420	288
02/04/2018	20	630	420	285
02/04/2018	21	583	420	281
02/04/2018	22	520	420	273
02/04/2018	23	480	420	264
02/04/2018	24	420	414	253
02/05/2018	1	580	420	236
02/05/2018	2	550	420	229
02/05/2018	3	500	420	222
02/05/2018	4	420	420	221
02/05/2018	5	530	420	228

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/05/2018	6	570	420	236
02/05/2018	7	550	420	240
02/05/2018	8	627	420	279
02/05/2018	9	647	420	307
02/05/2018	10	647	420	331
02/05/2018	11	647	420	342
02/05/2018	12	647	420	334
02/05/2018	13	647	420	335
02/05/2018	14	647	420	346
02/05/2018	15	647	420	343
02/05/2018	16	556	420	335
02/05/2018	17	520	420	323
02/05/2018	18	647	420	332
02/05/2018	19	647	420	329
02/05/2018	20	580	420	323
02/05/2018	21	550	420	314
02/05/2018	22	500	420	295
02/05/2018	23	450	420	270
02/05/2018	24	420	400	256
02/06/2018	1	600	420	244
02/06/2018	2	550	420	235
02/06/2018	3	498	420	229
02/06/2018	4	440	420	227
02/06/2018	5	550	420	234
02/06/2018	6	580	420	246
02/06/2018	7	550	420	249
02/06/2018	8	579	420	273
02/06/2018	9	580	420	302
02/06/2018	10	647	420	324
02/06/2018	11	647	420	334
02/06/2018	12	647	420	324
02/06/2018	13	647	420	322
02/06/2018	14	647	420	335
02/06/2018	15	647	420	331
02/06/2018	16	556	420	327
02/06/2018	17	500	420	315
02/06/2018	18	647	420	322
02/06/2018	19	647	420	323
02/06/2018	20	580	420	314
02/06/2018	21	550	420	304
02/06/2018	22	500	420	287
02/06/2018	23	450	420	270
02/06/2018	24	420	420	255
02/07/2018	1	610	420	237
02/07/2018	2	560	420	230
02/07/2018	3	490	420	227
02/07/2018	4	450	420	226
02/07/2018	5	560	420	234
02/07/2018	6	580	420	244
02/07/2018	7	590	420	246
02/07/2018	8	600	420	268
02/07/2018	9	610	420	295
02/07/2018	10	647	420	316
02/07/2018	11	647	420	329
02/07/2018	12	647	420	317
02/07/2018	13	647	420	319
02/07/2018	14	647	420	332
02/07/2018	15	647	420	331
02/07/2018	16	556	420	327
02/07/2018	17	500	420	313
02/07/2018	18	647	420	309
02/07/2018	19	647	420	320
02/07/2018	20	570	420	307
02/07/2018	21	560	420	297
02/07/2018	22	511	420	284

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/07/2018	23	460	420	266
02/07/2018	24	442	420	244
02/08/2018	1	450	420	244
02/08/2018	2	450	420	238
02/08/2018	3	450	420	231
02/08/2018	4	450	420	229
02/08/2018	5	450	420	236
02/08/2018	6	450	420	245
02/08/2018	7	458	420	256
02/08/2018	8	548	420	269
02/08/2018	9	548	420	302
02/08/2018	10	548	420	321
02/08/2018	11	548	420	333
02/08/2018	12	548	420	326
02/08/2018	13	580	420	327
02/08/2018	14	647	420	341
02/08/2018	15	647	420	339
02/08/2018	16	647	420	338
02/08/2018	17	647	420	323
02/08/2018	18	647	420	323
02/08/2018	19	647	420	330
02/08/2018	20	647	420	321
02/08/2018	21	647	420	310
02/08/2018	22	624	420	294
02/08/2018	23	550	420	277
02/08/2018	24	483	420	259
02/09/2018	1	550	420	240
02/09/2018	2	490	420	233
02/09/2018	3	440	420	227
02/09/2018	4	420	420	226
02/09/2018	5	460	420	230
02/09/2018	6	480	420	240
02/09/2018	7	470	420	244
02/09/2018	8	500	420	264
02/09/2018	9	516	420	294
02/09/2018	10	532	420	315
02/09/2018	11	548	420	324
02/09/2018	12	550	420	314
02/09/2018	13	580	420	314
02/09/2018	14	647	420	328
02/09/2018	15	600	420	324
02/09/2018	16	590	420	319
02/09/2018	17	570	420	306
02/09/2018	18	520	420	301
02/09/2018	19	550	420	308
02/09/2018	20	520	420	300
02/09/2018	21	500	420	288
02/09/2018	22	450	420	277
02/09/2018	23	420	420	260
02/09/2018	24	420	414	248
02/10/2018	1	542	420	255
02/10/2018	2	513	420	240
02/10/2018	3	479	420	234
02/10/2018	4	457	420	229
02/10/2018	5	440	420	228
02/10/2018	6	451	420	228
02/10/2018	7	479	420	231
02/10/2018	8	522	420	248
02/10/2018	9	522	420	275
02/10/2018	10	560	420	293
02/10/2018	11	580	420	297
02/10/2018	12	560	420	292
02/10/2018	13	550	420	287
02/10/2018	14	580	420	292
02/10/2018	15	550	420	289

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/10/2018	16	530	420	284
02/10/2018	17	500	420	277
02/10/2018	18	528	420	286
02/10/2018	19	560	420	293
02/10/2018	20	500	420	288
02/10/2018	21	480	420	282
02/10/2018	22	455	420	264
02/10/2018	23	420	420	255
02/10/2018	24	420	360	242
02/11/2018	1	550	420	238
02/11/2018	2	480	420	228
02/11/2018	3	441	420	222
02/11/2018	4	420	397	218
02/11/2018	5	425	420	224
02/11/2018	6	500	420	234
02/11/2018	7	480	350	238
02/11/2018	8	499	382	245
02/11/2018	9	547	382	261
02/11/2018	10	598	382	276
02/11/2018	11	647	382	285
02/11/2018	12	612	382	277
02/11/2018	13	647	382	280
02/11/2018	14	647	382	285
02/11/2018	15	647	382	281
02/11/2018	16	593	382	275
02/11/2018	17	589	382	274
02/11/2018	18	647	382	287
02/11/2018	19	647	420	287
02/11/2018	20	647	420	285
02/11/2018	21	647	420	280
02/11/2018	22	550	420	272
02/11/2018	23	500	420	264
02/11/2018	24	475	420	252
02/12/2018	1	500	420	232
02/12/2018	2	460	420	225
02/12/2018	3	420	420	218
02/12/2018	4	420	380	217
02/12/2018	5	420	420	224
02/12/2018	6	480	420	232
02/12/2018	7	433	420	236
02/12/2018	8	499	420	279
02/12/2018	9	520	420	299
02/12/2018	10	521	450	322
02/12/2018	11	544	450	333
02/12/2018	12	500	450	325
02/12/2018	13	500	450	326
02/12/2018	14	580	450	338
02/12/2018	15	560	450	334
02/12/2018	16	480	450	327
02/12/2018	17	500	450	315
02/12/2018	18	480	450	323
02/12/2018	19	500	450	320
02/12/2018	20	480	450	314
02/12/2018	21	450	450	305
02/12/2018	22	420	420	286
02/12/2018	23	420	400	261
02/12/2018	24	420	380	247
02/13/2018	1	557	420	246
02/13/2018	2	500	420	238
02/13/2018	3	480	420	235
02/13/2018	4	440	420	235
02/13/2018	5	470	420	244
02/13/2018	6	490	420	258
02/13/2018	7	500	420	273
02/13/2018	8	520	420	283

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/13/2018	9	580	420	312
02/13/2018	10	600	450	330
02/13/2018	11	614	450	345
02/13/2018	12	520	450	336
02/13/2018	13	500	450	333
02/13/2018	14	647	485	352
02/13/2018	15	601	450	346
02/13/2018	16	580	450	341
02/13/2018	17	549	450	331
02/13/2018	18	580	450	333
02/13/2018	19	591	450	335
02/13/2018	20	551	450	328
02/13/2018	21	460	420	312
02/13/2018	22	440	420	294
02/13/2018	23	420	420	268
02/13/2018	24	420	390	248
02/14/2018	1	500	420	250
02/14/2018	2	480	420	241
02/14/2018	3	460	420	237
02/14/2018	4	440	420	234
02/14/2018	5	450	420	243
02/14/2018	6	480	420	249
02/14/2018	7	480	420	259
02/14/2018	8	500	420	282
02/14/2018	9	520	420	313
02/14/2018	10	550	420	333
02/14/2018	11	560	420	345
02/14/2018	12	500	420	335
02/14/2018	13	500	420	333
02/14/2018	14	600	420	344
02/14/2018	15	580	420	341
02/14/2018	16	560	420	336
02/14/2018	17	520	414	328
02/14/2018	18	560	420	331
02/14/2018	19	580	420	335
02/14/2018	20	530	420	325
02/14/2018	21	460	414	313
02/14/2018	22	430	370	295
02/14/2018	23	400	340	277
02/14/2018	24	380	300	261
02/15/2018	1	414	400	238
02/15/2018	2	414	380	234
02/15/2018	3	414	360	229
02/15/2018	4	414	340	229
02/15/2018	5	414	380	240
02/15/2018	6	450	414	250
02/15/2018	7	450	414	257
02/15/2018	8	460	414	280
02/15/2018	9	480	414	307
02/15/2018	10	530	414	327
02/15/2018	11	600	496	340
02/15/2018	12	500	414	330
02/15/2018	13	450	414	330
02/15/2018	14	620	556	344
02/15/2018	15	580	535	341
02/15/2018	16	580	530	337
02/15/2018	17	520	450	325
02/15/2018	18	550	420	328
02/15/2018	19	580	500	338
02/15/2018	20	540	420	325
02/15/2018	21	460	414	310
02/15/2018	22	445	414	292
02/15/2018	23	415	414	272
02/15/2018	24	414	380	256
02/16/2018	1	520	420	261

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/16/2018	2	500	414	252
02/16/2018	3	480	414	247
02/16/2018	4	460	414	244
02/16/2018	5	440	414	243
02/16/2018	6	440	414	245
02/16/2018	7	450	414	249
02/16/2018	8	470	414	268
02/16/2018	9	480	414	289
02/16/2018	10	490	414	314
02/16/2018	11	537	420	326
02/16/2018	12	500	414	324
02/16/2018	13	430	414	319
02/16/2018	14	580	486	324
02/16/2018	15	520	440	321
02/16/2018	16	520	440	322
02/16/2018	17	520	423	318
02/16/2018	18	556	450	324
02/16/2018	19	580	520	328
02/16/2018	20	540	420	323
02/16/2018	21	460	414	319
02/16/2018	22	440	414	304
02/16/2018	23	430	414	286
02/16/2018	24	414	380	271
02/17/2018	1	500	400	240
02/17/2018	2	480	380	231
02/17/2018	3	460	360	225
02/17/2018	4	440	350	220
02/17/2018	5	420	350	218
02/17/2018	6	400	350	215
02/17/2018	7	424	350	232
02/17/2018	8	440	360	253
02/17/2018	9	460	373	280
02/17/2018	10	480	397	306
02/17/2018	11	500	414	316
02/17/2018	12	480	380	311
02/17/2018	13	430	380	310
02/17/2018	14	560	486	320
02/17/2018	15	514	420	314
02/17/2018	16	480	414	305
02/17/2018	17	450	360	293
02/17/2018	18	480	388	306
02/17/2018	19	568	490	313
02/17/2018	20	520	400	302
02/17/2018	21	451	380	296
02/17/2018	22	420	358	281
02/17/2018	23	400	330	252
02/17/2018	24	360	300	239
02/18/2018	1	580	470	242
02/18/2018	2	550	414	233
02/18/2018	3	450	414	226
02/18/2018	4	420	414	223
02/18/2018	5	450	414	229
02/18/2018	6	470	414	239
02/18/2018	7	480	450	242
02/18/2018	8	460	414	250
02/18/2018	9	480	414	273
02/18/2018	10	540	430	288
02/18/2018	11	580	517	297
02/18/2018	12	500	414	288
02/18/2018	13	500	414	291
02/18/2018	14	647	508	297
02/18/2018	15	647	494	293
02/18/2018	16	580	450	286
02/18/2018	17	647	469	286
02/18/2018	18	647	506	298

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/18/2018	19	647	622	299
02/18/2018	20	647	500	296
02/18/2018	21	520	480	292
02/18/2018	22	500	450	284
02/18/2018	23	415	414	275
02/18/2018	24	414	400	264
02/19/2018	1	580	450	232
02/19/2018	2	550	414	225
02/19/2018	3	450	414	218
02/19/2018	4	420	414	217
02/19/2018	5	450	414	224
02/19/2018	6	500	414	232
02/19/2018	7	466	414	236
02/19/2018	8	460	414	279
02/19/2018	9	480	414	320
02/19/2018	10	647	430	341
02/19/2018	11	647	517	354
02/19/2018	12	647	414	344
02/19/2018	13	647	414	341
02/19/2018	14	647	647	355
02/19/2018	15	647	494	352
02/19/2018	16	647	450	346
02/19/2018	17	647	469	333
02/19/2018	18	565	450	336
02/19/2018	19	647	647	339
02/19/2018	20	568	500	331
02/19/2018	21	550	480	320
02/19/2018	22	500	450	303
02/19/2018	23	450	414	278
02/19/2018	24	414	400	256
02/20/2018	1	647	595	267
02/20/2018	2	580	454	257
02/20/2018	3	550	414	251
02/20/2018	4	500	414	249
02/20/2018	5	580	448	258
02/20/2018	6	647	647	271
02/20/2018	7	647	647	274
02/20/2018	8	647	647	301
02/20/2018	9	647	647	351
02/20/2018	10	647	647	372
02/20/2018	11	647	647	377
02/20/2018	12	647	647	372
02/20/2018	13	647	647	367
02/20/2018	14	647	647	378
02/20/2018	15	647	647	376
02/20/2018	16	647	647	369
02/20/2018	17	647	647	358
02/20/2018	18	647	647	358
02/20/2018	19	647	647	365
02/20/2018	20	647	647	354
02/20/2018	21	647	647	343
02/20/2018	22	647	647	326
02/20/2018	23	647	647	308
02/20/2018	24	647	555	291
02/21/2018	1	647	580	269
02/21/2018	2	590	520	258
02/21/2018	3	550	460	253
02/21/2018	4	510	440	249
02/21/2018	5	600	480	258
02/21/2018	6	647	580	270
02/21/2018	7	647	614	270
02/21/2018	8	647	647	300
02/21/2018	9	647	647	347
02/21/2018	10	647	647	368
02/21/2018	11	647	647	373

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/21/2018	12	647	647	368
02/21/2018	13	647	647	367
02/21/2018	14	647	647	378
02/21/2018	15	647	647	376
02/21/2018	16	647	647	369
02/21/2018	17	647	647	358
02/21/2018	18	647	647	354
02/21/2018	19	647	647	361
02/21/2018	20	647	647	350
02/21/2018	21	647	647	339
02/21/2018	22	647	647	322
02/21/2018	23	647	633	304
02/21/2018	24	580	528	287
02/22/2018	1	611	500	266
02/22/2018	2	550	450	258
02/22/2018	3	520	500	249
02/22/2018	4	548	450	247
02/22/2018	5	548	460	256
02/22/2018	6	554	548	266
02/22/2018	7	565	548	268
02/22/2018	8	647	548	299
02/22/2018	9	647	548	334
02/22/2018	10	647	647	355
02/22/2018	11	647	647	369
02/22/2018	12	647	647	364
02/22/2018	13	647	647	364
02/22/2018	14	647	647	381
02/22/2018	15	647	647	380
02/22/2018	16	647	647	374
02/22/2018	17	647	647	358
02/22/2018	18	647	647	352
02/22/2018	19	647	647	365
02/22/2018	20	647	647	355
02/22/2018	21	647	647	346
02/22/2018	22	647	580	329
02/22/2018	23	647	550	307
02/22/2018	24	580	520	290
02/23/2018	1	647	500	275
02/23/2018	2	580	450	264
02/23/2018	3	540	500	257
02/23/2018	4	520	500	253
02/23/2018	5	517	480	261
02/23/2018	6	647	546	269
02/23/2018	7	647	550	271
02/23/2018	8	647	560	299
02/23/2018	9	647	580	334
02/23/2018	10	647	647	358
02/23/2018	11	647	647	371
02/23/2018	12	647	647	363
02/23/2018	13	647	647	364
02/23/2018	14	647	647	378
02/23/2018	15	647	647	375
02/23/2018	16	647	647	368
02/23/2018	17	647	583	352
02/23/2018	18	647	647	348
02/23/2018	19	647	647	354
02/23/2018	20	647	647	348
02/23/2018	21	647	541	336
02/23/2018	22	580	480	322
02/23/2018	23	550	450	300
02/23/2018	24	530	440	284
02/24/2018	1	614	540	269
02/24/2018	2	580	490	262
02/24/2018	3	540	461	256
02/24/2018	4	520	450	252

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/24/2018	5	500	450	253
02/24/2018	6	600	497	257
02/24/2018	7	600	500	264
02/24/2018	8	608	520	285
02/24/2018	9	647	600	310
02/24/2018	10	647	647	333
02/24/2018	11	647	647	347
02/24/2018	12	647	647	338
02/24/2018	13	647	647	337
02/24/2018	14	647	647	348
02/24/2018	15	647	647	344
02/24/2018	16	647	647	339
02/24/2018	17	619	570	326
02/24/2018	18	647	647	333
02/24/2018	19	647	647	348
02/24/2018	20	647	647	340
02/24/2018	21	647	595	331
02/24/2018	22	600	543	320
02/24/2018	23	560	479	300
02/24/2018	24	540	468	284
02/25/2018	1	647	414	240
02/25/2018	2	580	414	231
02/25/2018	3	540	414	225
02/25/2018	4	500	414	220
02/25/2018	5	480	414	218
02/25/2018	6	647	414	215
02/25/2018	7	647	414	232
02/25/2018	8	647	414	253
02/25/2018	9	647	414	272
02/25/2018	10	647	414	298
02/25/2018	11	647	414	308
02/25/2018	12	647	414	303
02/25/2018	13	647	414	302
02/25/2018	14	647	414	312
02/25/2018	15	647	450	306
02/25/2018	16	647	500	297
02/25/2018	17	647	550	285
02/25/2018	18	647	647	308
02/25/2018	19	647	647	315
02/25/2018	20	647	647	305
02/25/2018	21	647	540	298
02/25/2018	22	580	480	283
02/25/2018	23	550	440	255
02/25/2018	24	530	420	242
02/26/2018	1	600	520	238
02/26/2018	2	580	450	229
02/26/2018	3	540	422	222
02/26/2018	4	500	422	221
02/26/2018	5	480	458	228
02/26/2018	6	500	490	236
02/26/2018	7	520	500	240
02/26/2018	8	530	500	287
02/26/2018	9	580	550	335
02/26/2018	10	647	647	356
02/26/2018	11	647	647	367
02/26/2018	12	647	647	357
02/26/2018	13	647	647	361
02/26/2018	14	647	647	373
02/26/2018	15	647	647	369
02/26/2018	16	647	647	363
02/26/2018	17	647	647	348
02/26/2018	18	647	647	344
02/26/2018	19	647	647	353
02/26/2018	20	647	647	345
02/26/2018	21	647	540	335

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/26/2018	22	580	500	321
02/26/2018	23	550	450	303
02/26/2018	24	530	430	287
02/27/2018	1	647	535	238
02/27/2018	2	580	504	229
02/27/2018	3	550	450	222
02/27/2018	4	500	420	221
02/27/2018	5	551	460	228
02/27/2018	6	580	490	236
02/27/2018	7	590	560	240
02/27/2018	8	600	580	287
02/27/2018	9	647	647	335
02/27/2018	10	647	647	356
02/27/2018	11	647	647	367
02/27/2018	12	647	647	357
02/27/2018	13	647	647	361
02/27/2018	14	647	647	373
02/27/2018	15	647	647	369
02/27/2018	16	647	647	363
02/27/2018	17	647	583	348
02/27/2018	18	580	550	344
02/27/2018	19	647	647	353
02/27/2018	20	647	580	345
02/27/2018	21	647	550	335
02/27/2018	22	647	500	321
02/27/2018	23	600	460	303
02/27/2018	24	580	450	287
02/28/2018	1	629	550	273
02/28/2018	2	595	500	263
02/28/2018	3	550	450	256
02/28/2018	4	480	420	251
02/28/2018	5	550	440	260
02/28/2018	6	638	480	269
02/28/2018	7	647	500	270
02/28/2018	8	647	560	301
02/28/2018	9	647	647	335
02/28/2018	10	647	647	358
02/28/2018	11	647	647	370
02/28/2018	12	647	647	362
02/28/2018	13	647	647	362
02/28/2018	14	647	647	373
02/28/2018	15	647	647	370
02/28/2018	16	647	647	365
02/28/2018	17	580	527	351
02/28/2018	18	582	500	348
02/28/2018	19	647	647	355
02/28/2018	20	647	563	346
02/28/2018	21	647	554	336
02/28/2018	22	580	484	320
02/28/2018	23	554	458	299
02/28/2018	24	500	439	284
03/01/2018	1	629	420	271
03/01/2018	2	595	420	263
03/01/2018	3	550	420	252
03/01/2018	4	480	420	249
03/01/2018	5	550	420	257
03/01/2018	6	624	420	267
03/01/2018	7	636	420	259
03/01/2018	8	647	420	298
03/01/2018	9	647	420	331
03/01/2018	10	647	420	352
03/01/2018	11	647	420	364
03/01/2018	12	647	420	352
03/01/2018	13	647	420	352
03/01/2018	14	647	420	372

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/01/2018	15	647	420	368
03/01/2018	16	647	420	363
03/01/2018	17	600	420	346
03/01/2018	18	580	420	339
03/01/2018	19	647	420	349
03/01/2018	20	647	420	340
03/01/2018	21	638	420	332
03/01/2018	22	580	420	316
03/01/2018	23	550	420	297
03/01/2018	24	500	420	281
03/02/2018	1	647	550	284
03/02/2018	2	600	500	265
03/02/2018	3	582	460	257
03/02/2018	4	521	440	254
03/02/2018	5	585	450	257
03/02/2018	6	591	480	259
03/02/2018	7	647	520	267
03/02/2018	8	647	550	294
03/02/2018	9	647	647	332
03/02/2018	10	647	647	353
03/02/2018	11	647	647	366
03/02/2018	12	647	619	359
03/02/2018	13	647	647	361
03/02/2018	14	647	647	374
03/02/2018	15	647	647	371
03/02/2018	16	647	647	364
03/02/2018	17	647	600	346
03/02/2018	18	647	580	337
03/02/2018	19	647	647	348
03/02/2018	20	647	647	341
03/02/2018	21	647	567	334
03/02/2018	22	580	465	326
03/02/2018	23	568	450	308
03/02/2018	24	480	448	293
03/03/2018	1	640	586	277
03/03/2018	2	600	550	267
03/03/2018	3	582	460	263
03/03/2018	4	563	440	258
03/03/2018	5	580	440	258
03/03/2018	6	580	470	260
03/03/2018	7	634	520	262
03/03/2018	8	635	535	282
03/03/2018	9	647	580	312
03/03/2018	10	647	600	333
03/03/2018	11	647	647	344
03/03/2018	12	647	647	337
03/03/2018	13	647	647	337
03/03/2018	14	647	647	345
03/03/2018	15	647	620	342
03/03/2018	16	628	600	336
03/03/2018	17	600	560	322
03/03/2018	18	620	600	324
03/03/2018	19	647	647	343
03/03/2018	20	647	647	339
03/03/2018	21	647	647	333
03/03/2018	22	645	600	320
03/03/2018	23	647	584	304
03/03/2018	24	540	440	280
03/04/2018	1	580	500	242
03/04/2018	2	550	450	235
03/04/2018	3	520	420	229
03/04/2018	4	480	380	224
03/04/2018	5	520	420	222
03/04/2018	6	550	450	218
03/04/2018	7	621	520	236

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/04/2018	8	647	647	257
03/04/2018	9	647	647	277
03/04/2018	10	647	647	303
03/04/2018	11	647	647	314
03/04/2018	12	647	647	309
03/04/2018	13	647	647	308
03/04/2018	14	647	647	317
03/04/2018	15	647	647	311
03/04/2018	16	647	647	303
03/04/2018	17	647	647	291
03/04/2018	18	647	647	314
03/04/2018	19	647	647	321
03/04/2018	20	647	647	310
03/04/2018	21	647	567	304
03/04/2018	22	580	460	289
03/04/2018	23	558	440	260
03/04/2018	24	480	400	247
03/05/2018	1	599	500	243
03/05/2018	2	548	450	235
03/05/2018	3	485	420	228
03/05/2018	4	434	380	223
03/05/2018	5	520	420	231
03/05/2018	6	550	450	233
03/05/2018	7	580	480	238
03/05/2018	8	647	647	290
03/05/2018	9	647	647	338
03/05/2018	10	647	647	359
03/05/2018	11	647	647	371
03/05/2018	12	647	647	364
03/05/2018	13	647	647	366
03/05/2018	14	647	647	380
03/05/2018	15	647	647	377
03/05/2018	16	647	647	370
03/05/2018	17	647	647	352
03/05/2018	18	647	587	343
03/05/2018	19	647	647	354
03/05/2018	20	647	647	347
03/05/2018	21	647	567	340
03/05/2018	22	560	460	332
03/05/2018	23	550	440	309
03/05/2018	24	500	429	295
03/06/2018	1	647	631	278
03/06/2018	2	600	556	269
03/06/2018	3	550	450	260
03/06/2018	4	500	420	257
03/06/2018	5	580	507	264
03/06/2018	6	647	567	274
03/06/2018	7	647	580	270
03/06/2018	8	647	647	304
03/06/2018	9	647	647	341
03/06/2018	10	647	647	362
03/06/2018	11	647	647	377
03/06/2018	12	647	647	367
03/06/2018	13	647	647	371
03/06/2018	14	647	647	386
03/06/2018	15	647	647	383
03/06/2018	16	647	647	375
03/06/2018	17	647	647	360
03/06/2018	18	647	587	352
03/06/2018	19	647	647	363
03/06/2018	20	647	647	355
03/06/2018	21	647	533	346
03/06/2018	22	580	460	329
03/06/2018	23	560	450	312
03/06/2018	24	550	440	294

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/07/2018	1	647	647	287
03/07/2018	2	647	647	277
03/07/2018	3	647	616	268
03/07/2018	4	647	529	265
03/07/2018	5	647	647	272
03/07/2018	6	647	647	282
03/07/2018	7	647	647	286
03/07/2018	8	647	647	314
03/07/2018	9	647	647	348
03/07/2018	10	647	647	376
03/07/2018	11	647	647	388
03/07/2018	12	647	647	381
03/07/2018	13	647	647	382
03/07/2018	14	647	647	398
03/07/2018	15	647	647	398
03/07/2018	16	647	647	391
03/07/2018	17	647	647	372
03/07/2018	18	647	587	361
03/07/2018	19	647	647	380
03/07/2018	20	647	647	371
03/07/2018	21	647	556	362
03/07/2018	22	580	460	344
03/07/2018	23	580	529	326
03/07/2018	24	614	535	309
03/08/2018	1	647	600	293
03/08/2018	2	647	590	282
03/08/2018	3	647	520	274
03/08/2018	4	647	500	268
03/08/2018	5	647	480	273
03/08/2018	6	647	580	280
03/08/2018	7	647	647	281
03/08/2018	8	647	647	314
03/08/2018	9	647	647	352
03/08/2018	10	647	647	372
03/08/2018	11	647	647	388
03/08/2018	12	647	647	380
03/08/2018	13	647	647	381
03/08/2018	14	647	647	400
03/08/2018	15	647	647	397
03/08/2018	16	647	647	389
03/08/2018	17	647	647	372
03/08/2018	18	647	587	361
03/08/2018	19	647	647	372
03/08/2018	20	647	647	367
03/08/2018	21	647	556	361
03/08/2018	22	580	460	345
03/08/2018	23	647	617	327
03/08/2018	24	647	600	311
03/09/2018	1	647	643	284
03/09/2018	2	647	577	275
03/09/2018	3	647	504	267
03/09/2018	4	618	500	263
03/09/2018	5	647	484	267
03/09/2018	6	647	541	273
03/09/2018	7	647	647	271
03/09/2018	8	647	647	305
03/09/2018	9	647	647	341
03/09/2018	10	647	647	362
03/09/2018	11	647	647	371
03/09/2018	12	647	647	365
03/09/2018	13	647	647	368
03/09/2018	14	647	647	381
03/09/2018	15	647	647	379
03/09/2018	16	647	647	371
03/09/2018	17	647	647	354

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/09/2018	18	647	587	343
03/09/2018	19	647	647	355
03/09/2018	20	647	647	349
03/09/2018	21	647	556	342
03/09/2018	22	580	460	329
03/09/2018	23	647	617	311
03/09/2018	24	647	600	297
03/10/2018	1	590	540	272
03/10/2018	2	580	510	263
03/10/2018	3	570	490	255
03/10/2018	4	560	465	248
03/10/2018	5	560	460	247
03/10/2018	6	580	480	249
03/10/2018	7	590	499	245
03/10/2018	8	600	520	270
03/10/2018	9	600	540	297
03/10/2018	10	600	560	321
03/10/2018	11	600	560	330
03/10/2018	12	560	500	325
03/10/2018	13	550	500	325
03/10/2018	14	600	520	334
03/10/2018	15	600	520	331
03/10/2018	16	580	500	322
03/10/2018	17	560	480	310
03/10/2018	18	552	460	309
03/10/2018	19	580	500	325
03/10/2018	20	570	490	322
03/10/2018	21	550	470	318
03/10/2018	22	540	440	309
03/10/2018	23	570	493	295
03/10/2018	24	530	439	281
03/11/2018	1	580	520	243
03/11/2018	2	550	500	235
03/11/2018	3	500	480	228
03/11/2018	4	480	450	223
03/11/2018	5	500	470	231
03/11/2018	6	550	480	233
03/11/2018	7	580	500	238
03/11/2018	8	600	520	258
03/11/2018	9	630	530	273
03/11/2018	10	647	647	291
03/11/2018	11	647	647	302
03/11/2018	12	647	647	297
03/11/2018	13	647	647	296
03/11/2018	14	647	647	305
03/11/2018	15	647	647	299
03/11/2018	16	647	647	291
03/11/2018	17	647	647	279
03/11/2018	18	647	587	302
03/11/2018	19	647	647	309
03/11/2018	20	647	647	302
03/11/2018	21	647	647	292
03/11/2018	22	597	500	277
03/11/2018	23	550	450	252
03/11/2018	24	500	420	235
03/12/2018	1	580	520	243
03/12/2018	2	550	500	234
03/12/2018	3	500	480	228
03/12/2018	4	480	450	222
03/12/2018	5	500	470	231
03/12/2018	6	550	480	241
03/12/2018	7	647	647	270
03/12/2018	8	647	647	306
03/12/2018	9	647	647	342
03/12/2018	10	647	647	363

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/12/2018	11	647	647	377
03/12/2018	12	647	647	368
03/12/2018	13	647	647	371
03/12/2018	14	647	647	386
03/12/2018	15	647	647	384
03/12/2018	16	647	647	376
03/12/2018	17	647	647	361
03/12/2018	18	647	647	353
03/12/2018	19	647	647	363
03/12/2018	20	647	647	356
03/12/2018	21	647	647	347
03/12/2018	22	647	647	329
03/12/2018	23	647	647	312
03/12/2018	24	647	647	294
03/13/2018	1	647	558	264
03/13/2018	2	600	555	255
03/13/2018	3	550	480	248
03/13/2018	4	480	450	243
03/13/2018	5	500	470	248
03/13/2018	6	550	480	256
03/13/2018	7	647	647	253
03/13/2018	8	647	647	283
03/13/2018	9	647	647	319
03/13/2018	10	647	647	338
03/13/2018	11	647	647	354
03/13/2018	12	647	647	348
03/13/2018	13	647	647	350
03/13/2018	14	647	647	366
03/13/2018	15	647	647	364
03/13/2018	16	647	647	357
03/13/2018	17	647	647	341
03/13/2018	18	647	647	331
03/13/2018	19	647	647	341
03/13/2018	20	647	647	336
03/13/2018	21	647	647	331
03/13/2018	22	647	600	315
03/13/2018	23	647	580	298
03/13/2018	24	647	578	283
03/14/2018	1	647	560	265
03/14/2018	2	600	520	256
03/14/2018	3	550	470	248
03/14/2018	4	507	450	247
03/14/2018	5	520	470	251
03/14/2018	6	600	536	260
03/14/2018	7	647	647	259
03/14/2018	8	647	647	289
03/14/2018	9	647	647	318
03/14/2018	10	647	647	340
03/14/2018	11	647	647	352
03/14/2018	12	647	647	347
03/14/2018	13	647	647	348
03/14/2018	14	647	647	364
03/14/2018	15	647	647	360
03/14/2018	16	647	647	359
03/14/2018	17	580	560	342
03/14/2018	18	580	536	334
03/14/2018	19	647	647	348
03/14/2018	20	647	647	342
03/14/2018	21	647	647	334
03/14/2018	22	647	600	318
03/14/2018	23	647	560	301
03/14/2018	24	647	580	287
03/15/2018	1	647	580	275
03/15/2018	2	600	520	265
03/15/2018	3	560	470	257

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/15/2018	4	510	450	253
03/15/2018	5	530	480	259
03/15/2018	6	610	540	266
03/15/2018	7	580	550	262
03/15/2018	8	647	647	295
03/15/2018	9	647	636	331
03/15/2018	10	647	645	349
03/15/2018	11	647	647	361
03/15/2018	12	580	483	351
03/15/2018	13	614	500	353
03/15/2018	14	647	647	366
03/15/2018	15	647	627	362
03/15/2018	16	647	611	356
03/15/2018	17	570	456	341
03/15/2018	18	500	456	333
03/15/2018	19	580	526	345
03/15/2018	20	570	500	337
03/15/2018	21	550	500	328
03/15/2018	22	580	456	312
03/15/2018	23	500	456	297
03/15/2018	24	497	456	281
03/16/2018	1	647	570	279
03/16/2018	2	600	530	270
03/16/2018	3	560	480	262
03/16/2018	4	500	460	257
03/16/2018	5	550	480	260
03/16/2018	6	620	550	266
03/16/2018	7	647	560	267
03/16/2018	8	647	647	296
03/16/2018	9	647	636	332
03/16/2018	10	647	645	351
03/16/2018	11	647	647	365
03/16/2018	12	580	483	354
03/16/2018	13	614	500	357
03/16/2018	14	647	647	371
03/16/2018	15	647	627	367
03/16/2018	16	647	611	360
03/16/2018	17	550	440	344
03/16/2018	18	500	420	333
03/16/2018	19	647	549	345
03/16/2018	20	647	580	338
03/16/2018	21	626	500	333
03/16/2018	22	580	483	322
03/16/2018	23	500	464	304
03/16/2018	24	480	420	292
03/17/2018	1	600	576	281
03/17/2018	2	600	550	272
03/17/2018	3	570	530	264
03/17/2018	4	550	500	257
03/17/2018	5	540	480	256
03/17/2018	6	560	520	259
03/17/2018	7	580	540	265
03/17/2018	8	580	560	284
03/17/2018	9	600	580	313
03/17/2018	10	600	580	334
03/17/2018	11	636	600	346
03/17/2018	12	560	500	337
03/17/2018	13	580	480	334
03/17/2018	14	620	600	345
03/17/2018	15	580	550	341
03/17/2018	16	560	530	333
03/17/2018	17	520	440	320
03/17/2018	18	500	400	319
03/17/2018	19	587	500	337
03/17/2018	20	550	480	333

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/17/2018	21	540	470	325
03/17/2018	22	520	450	314
03/17/2018	23	500	440	294
03/17/2018	24	480	380	281
03/18/2018	1	580	550	245
03/18/2018	2	550	500	237
03/18/2018	3	500	450	230
03/18/2018	4	460	420	225
03/18/2018	5	550	450	233
03/18/2018	6	580	500	235
03/18/2018	7	600	520	240
03/18/2018	8	647	580	260
03/18/2018	9	647	622	277
03/18/2018	10	647	647	295
03/18/2018	11	647	647	305
03/18/2018	12	647	647	300
03/18/2018	13	647	647	299
03/18/2018	14	647	647	309
03/18/2018	15	647	647	303
03/18/2018	16	647	647	294
03/18/2018	17	580	550	287
03/18/2018	18	647	425	289
03/18/2018	19	647	647	312
03/18/2018	20	647	647	306
03/18/2018	21	647	647	295
03/18/2018	22	647	647	281
03/18/2018	23	550	500	256
03/18/2018	24	500	420	239
03/19/2018	1	580	550	242
03/19/2018	2	550	500	234
03/19/2018	3	500	450	227
03/19/2018	4	460	420	222
03/19/2018	5	550	450	230
03/19/2018	6	600	520	240
03/19/2018	7	647	550	269
03/19/2018	8	647	580	305
03/19/2018	9	647	622	332
03/19/2018	10	647	647	353
03/19/2018	11	647	647	367
03/19/2018	12	647	647	358
03/19/2018	13	647	647	361
03/19/2018	14	647	647	376
03/19/2018	15	647	647	374
03/19/2018	16	647	647	366
03/19/2018	17	580	550	351
03/19/2018	18	548	425	343
03/19/2018	19	647	647	353
03/19/2018	20	647	647	346
03/19/2018	21	647	647	337
03/19/2018	22	647	647	319
03/19/2018	23	550	500	302
03/19/2018	24	500	466	284
03/20/2018	1	647	647	293
03/20/2018	2	647	647	284
03/20/2018	3	580	550	272
03/20/2018	4	550	480	269
03/20/2018	5	580	500	272
03/20/2018	6	647	520	277
03/20/2018	7	647	550	276
03/20/2018	8	647	479	308
03/20/2018	9	647	580	358
03/20/2018	10	647	647	377
03/20/2018	11	647	647	390
03/20/2018	12	647	647	384
03/20/2018	13	647	647	382

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/20/2018	14	647	647	392
03/20/2018	15	647	647	392
03/20/2018	16	647	647	386
03/20/2018	17	580	513	370
03/20/2018	18	520	420	363
03/20/2018	19	647	647	376
03/20/2018	20	647	647	371
03/20/2018	21	647	647	363
03/20/2018	22	647	647	349
03/20/2018	23	647	580	333
03/20/2018	24	580	550	315
03/21/2018	1	647	647	293
03/21/2018	2	647	647	284
03/21/2018	3	580	550	272
03/21/2018	4	550	480	269
03/21/2018	5	580	500	272
03/21/2018	6	647	520	277
03/21/2018	7	647	550	276
03/21/2018	8	647	479	308
03/21/2018	9	647	580	358
03/21/2018	10	647	647	377
03/21/2018	11	647	647	390
03/21/2018	12	647	647	384
03/21/2018	13	647	647	382
03/21/2018	14	647	647	392
03/21/2018	15	647	647	392
03/21/2018	16	647	647	386
03/21/2018	17	580	513	370
03/21/2018	18	520	420	363
03/21/2018	19	647	647	376
03/21/2018	20	647	647	371
03/21/2018	21	647	647	363
03/21/2018	22	647	647	349
03/21/2018	23	647	580	333
03/21/2018	24	580	550	315
03/22/2018	1	600	560	283
03/22/2018	2	580	520	273
03/22/2018	3	560	500	265
03/22/2018	4	540	480	261
03/22/2018	5	520	460	266
03/22/2018	6	500	460	274
03/22/2018	7	560	500	280
03/22/2018	8	600	550	307
03/22/2018	9	647	580	346
03/22/2018	10	647	610	366
03/22/2018	11	647	647	379
03/22/2018	12	647	647	371
03/22/2018	13	647	647	373
03/22/2018	14	647	647	391
03/22/2018	15	647	647	388
03/22/2018	16	647	647	380
03/22/2018	17	560	480	363
03/22/2018	18	530	457	352
03/22/2018	19	600	534	364
03/22/2018	20	580	510	358
03/22/2018	21	560	500	350
03/22/2018	22	540	480	335
03/22/2018	23	520	460	318
03/22/2018	24	500	457	300
03/23/2018	1	580	426	278
03/23/2018	2	560	420	268
03/23/2018	3	540	400	259
03/23/2018	4	520	400	256
03/23/2018	5	550	421	261
03/23/2018	6	550	440	268

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/23/2018	7	560	440	268
03/23/2018	8	580	457	301
03/23/2018	9	600	460	337
03/23/2018	10	647	647	359
03/23/2018	11	647	647	372
03/23/2018	12	647	647	364
03/23/2018	13	647	647	367
03/23/2018	14	647	647	382
03/23/2018	15	647	647	382
03/23/2018	16	647	647	375
03/23/2018	17	580	500	356
03/23/2018	18	540	460	349
03/23/2018	19	647	637	358
03/23/2018	20	606	540	352
03/23/2018	21	560	500	346
03/23/2018	22	540	480	333
03/23/2018	23	520	460	316
03/23/2018	24	480	457	299
03/24/2018	1	560	400	269
03/24/2018	2	540	380	261
03/24/2018	3	520	360	253
03/24/2018	4	500	360	247
03/24/2018	5	530	360	250
03/24/2018	6	540	360	253
03/24/2018	7	560	380	263
03/24/2018	8	580	400	272
03/24/2018	9	580	400	298
03/24/2018	10	600	457	315
03/24/2018	11	600	457	325
03/24/2018	12	550	400	315
03/24/2018	13	520	400	313
03/24/2018	14	600	457	325
03/24/2018	15	550	457	323
03/24/2018	16	520	457	315
03/24/2018	17	500	380	302
03/24/2018	18	500	360	300
03/24/2018	19	550	457	317
03/24/2018	20	500	457	313
03/24/2018	21	460	457	305
03/24/2018	22	457	440	295
03/24/2018	23	420	404	281
03/24/2018	24	380	380	266
03/25/2018	1	551	421	245
03/25/2018	2	520	416	237
03/25/2018	3	501	400	230
03/25/2018	4	470	344	225
03/25/2018	5	542	382	233
03/25/2018	6	581	420	235
03/25/2018	7	591	430	240
03/25/2018	8	598	450	260
03/25/2018	9	516	481	277
03/25/2018	10	521	500	295
03/25/2018	11	580	536	305
03/25/2018	12	500	456	300
03/25/2018	13	500	456	299
03/25/2018	14	582	500	309
03/25/2018	15	575	500	303
03/25/2018	16	551	456	294
03/25/2018	17	500	456	287
03/25/2018	18	500	456	289
03/25/2018	19	647	581	312
03/25/2018	20	582	541	306
03/25/2018	21	550	500	295
03/25/2018	22	500	456	281
03/25/2018	23	480	456	256

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/25/2018	24	456	450	239
03/26/2018	1	580	450	239
03/26/2018	2	520	420	230
03/26/2018	3	510	400	224
03/26/2018	4	470	344	218
03/26/2018	5	550	371	227
03/26/2018	6	581	470	237
03/26/2018	7	647	580	266
03/26/2018	8	647	647	302
03/26/2018	9	647	647	340
03/26/2018	10	647	647	360
03/26/2018	11	647	647	375
03/26/2018	12	647	647	366
03/26/2018	13	647	647	369
03/26/2018	14	647	647	384
03/26/2018	15	647	647	381
03/26/2018	16	647	614	374
03/26/2018	17	647	588	358
03/26/2018	18	580	519	351
03/26/2018	19	647	647	361
03/26/2018	20	647	590	353
03/26/2018	21	593	550	345
03/26/2018	22	590	500	327
03/26/2018	23	580	482	310
03/26/2018	24	550	456	292
03/27/2018	1	497	400	263
03/27/2018	2	479	380	253
03/27/2018	3	460	360	245
03/27/2018	4	440	340	241
03/27/2018	5	480	320	246
03/27/2018	6	480	380	253
03/27/2018	7	480	410	254
03/27/2018	8	500	464	286
03/27/2018	9	510	449	321
03/27/2018	10	535	450	343
03/27/2018	11	580	490	355
03/27/2018	12	560	440	348
03/27/2018	13	531	500	350
03/27/2018	14	636	590	364
03/27/2018	15	590	564	361
03/27/2018	16	560	496	354
03/27/2018	17	515	456	338
03/27/2018	18	480	456	329
03/27/2018	19	590	490	339
03/27/2018	20	571	480	333
03/27/2018	21	560	472	328
03/27/2018	22	500	453	312
03/27/2018	23	480	442	292
03/27/2018	24	440	380	281
03/28/2018	1	480	400	259
03/28/2018	2	470	380	249
03/28/2018	3	460	360	241
03/28/2018	4	440	340	237
03/28/2018	5	480	360	242
03/28/2018	6	460	380	249
03/28/2018	7	440	410	250
03/28/2018	8	420	400	282
03/28/2018	9	440	400	305
03/28/2018	10	460	420	324
03/28/2018	11	480	456	336
03/28/2018	12	460	412	333
03/28/2018	13	480	425	332
03/28/2018	14	540	460	343
03/28/2018	15	520	456	336
03/28/2018	16	500	456	336

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/28/2018	17	480	456	321
03/28/2018	18	460	400	301
03/28/2018	19	520	460	306
03/28/2018	20	520	460	301
03/28/2018	21	500	460	293
03/28/2018	22	500	453	289
03/28/2018	23	460	400	275
03/28/2018	24	427	360	267
03/29/2018	1	480	350	222
03/29/2018	2	470	250	218
03/29/2018	3	450	250	212
03/29/2018	4	400	250	207
03/29/2018	5	470	250	215
03/29/2018	6	450	250	217
03/29/2018	7	450	250	230
03/29/2018	8	460	300	238
03/29/2018	9	480	300	244
03/29/2018	10	490	350	253
03/29/2018	11	500	420	264
03/29/2018	12	440	350	259
03/29/2018	13	414	350	257
03/29/2018	14	450	420	267
03/29/2018	15	420	388	261
03/29/2018	16	450	350	253
03/29/2018	17	450	350	245
03/29/2018	18	450	350	247
03/29/2018	19	480	420	271
03/29/2018	20	450	420	264
03/29/2018	21	420	350	254
03/29/2018	22	400	350	239
03/29/2018	23	390	350	222
03/29/2018	24	360	290	205
03/30/2018	1	480	350	222
03/30/2018	2	470	250	218
03/30/2018	3	450	250	212
03/30/2018	4	400	250	207
03/30/2018	5	470	250	215
03/30/2018	6	450	250	217
03/30/2018	7	450	250	230
03/30/2018	8	460	300	238
03/30/2018	9	480	300	244
03/30/2018	10	490	350	253
03/30/2018	11	500	420	264
03/30/2018	12	440	350	259
03/30/2018	13	414	350	257
03/30/2018	14	450	420	267
03/30/2018	15	420	388	261
03/30/2018	16	450	350	253
03/30/2018	17	450	350	245
03/30/2018	18	450	350	247
03/30/2018	19	480	420	271
03/30/2018	20	450	420	264
03/30/2018	21	420	350	254
03/30/2018	22	400	350	239
03/30/2018	23	390	350	222
03/30/2018	24	360	290	205
03/31/2018	1	454	360	236
03/31/2018	2	430	340	229
03/31/2018	3	410	320	220
03/31/2018	4	380	300	211
03/31/2018	5	360	280	209
03/31/2018	6	320	240	204
03/31/2018	7	340	250	201
03/31/2018	8	360	260	235
03/31/2018	9	380	280	248

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/31/2018	10	420	300	260
03/31/2018	11	440	320	264
03/31/2018	12	420	350	264
03/31/2018	13	414	350	268
03/31/2018	14	450	350	272
03/31/2018	15	430	350	270
03/31/2018	16	433	350	266
03/31/2018	17	400	350	258
03/31/2018	18	420	327	264
03/31/2018	19	480	380	286
03/31/2018	20	450	360	282
03/31/2018	21	420	340	277
03/31/2018	22	391	320	266
03/31/2018	23	370	280	252
03/31/2018	24	341	260	241
04/01/2018	1	505	352	241
04/01/2018	2	460	300	233
04/01/2018	3	400	300	226
04/01/2018	4	380	250	221
04/01/2018	5	421	300	229
04/01/2018	6	440	300	231
04/01/2018	7	450	328	236
04/01/2018	8	460	352	260
04/01/2018	9	498	420	282
04/01/2018	10	580	420	300
04/01/2018	11	597	420	310
04/01/2018	12	538	420	305
04/01/2018	13	512	420	304
04/01/2018	14	616	420	314
04/01/2018	15	528	420	308
04/01/2018	16	470	420	299
04/01/2018	17	426	420	291
04/01/2018	18	450	420	293
04/01/2018	19	597	456	317
04/01/2018	20	597	456	310
04/01/2018	21	553	420	300
04/01/2018	22	486	420	285
04/01/2018	23	434	420	260
04/01/2018	24	420	400	244
04/02/2018	1	500	352	238
04/02/2018	2	440	352	228
04/02/2018	3	400	323	219
04/02/2018	4	380	252	216
04/02/2018	5	420	305	221
04/02/2018	6	440	352	228
04/02/2018	7	450	352	249
04/02/2018	8	480	424	301
04/02/2018	9	500	460	332
04/02/2018	10	566	500	354
04/02/2018	11	589	550	366
04/02/2018	12	580	500	359
04/02/2018	13	590	500	362
04/02/2018	14	647	647	377
04/02/2018	15	647	647	376
04/02/2018	16	647	647	369
04/02/2018	17	550	500	351
04/02/2018	18	500	480	343
04/02/2018	19	520	480	353
04/02/2018	20	500	456	346
04/02/2018	21	480	456	341
04/02/2018	22	460	456	328
04/02/2018	23	647	533	311
04/02/2018	24	550	500	294
04/03/2018	1	500	450	265
04/03/2018	2	480	440	256

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/03/2018	3	460	430	248
04/03/2018	4	420	420	244
04/03/2018	5	440	420	249
04/03/2018	6	520	420	255
04/03/2018	7	560	420	263
04/03/2018	8	580	470	288
04/03/2018	9	600	500	325
04/03/2018	10	647	647	344
04/03/2018	11	647	647	357
04/03/2018	12	647	647	349
04/03/2018	13	647	647	348
04/03/2018	14	647	647	364
04/03/2018	15	647	647	359
04/03/2018	16	647	620	354
04/03/2018	17	647	540	338
04/03/2018	18	600	507	330
04/03/2018	19	647	572	341
04/03/2018	20	544	456	333
04/03/2018	21	520	456	326
04/03/2018	22	478	456	311
04/03/2018	23	458	456	295
04/03/2018	24	456	441	280
04/04/2018	1	580	460	273
04/04/2018	2	540	430	265
04/04/2018	3	530	420	256
04/04/2018	4	500	420	252
04/04/2018	5	480	456	255
04/04/2018	6	460	456	260
04/04/2018	7	500	456	275
04/04/2018	8	560	456	295
04/04/2018	9	600	500	331
04/04/2018	10	647	647	351
04/04/2018	11	647	647	364
04/04/2018	12	647	647	358
04/04/2018	13	647	647	355
04/04/2018	14	647	647	369
04/04/2018	15	647	647	365
04/04/2018	16	647	647	358
04/04/2018	17	600	550	340
04/04/2018	18	580	500	332
04/04/2018	19	647	623	344
04/04/2018	20	600	544	337
04/04/2018	21	560	460	329
04/04/2018	22	515	456	313
04/04/2018	23	487	456	295
04/04/2018	24	456	450	282
04/05/2018	1	600	550	280
04/05/2018	2	566	450	264
04/05/2018	3	530	420	257
04/05/2018	4	480	400	253
04/05/2018	5	480	453	258
04/05/2018	6	500	460	264
04/05/2018	7	500	420	267
04/05/2018	8	520	450	296
04/05/2018	9	550	460	331
04/05/2018	10	605	480	351
04/05/2018	11	647	647	362
04/05/2018	12	600	534	353
04/05/2018	13	647	565	352
04/05/2018	14	647	647	366
04/05/2018	15	647	647	364
04/05/2018	16	647	647	357
04/05/2018	17	625	580	342
04/05/2018	18	580	500	334
04/05/2018	19	647	566	344

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/05/2018	20	580	517	340
04/05/2018	21	520	456	330
04/05/2018	22	470	456	315
04/05/2018	23	461	456	300
04/05/2018	24	456	440	284
04/06/2018	1	612	504	278
04/06/2018	2	572	456	270
04/06/2018	3	491	456	262
04/06/2018	4	456	446	257
04/06/2018	5	489	456	260
04/06/2018	6	555	456	266
04/06/2018	7	580	480	267
04/06/2018	8	600	520	297
04/06/2018	9	647	647	331
04/06/2018	10	647	647	351
04/06/2018	11	647	647	364
04/06/2018	12	647	647	354
04/06/2018	13	647	647	356
04/06/2018	14	647	647	371
04/06/2018	15	647	647	367
04/06/2018	16	647	647	360
04/06/2018	17	647	647	344
04/06/2018	18	609	550	333
04/06/2018	19	647	647	345
04/06/2018	20	647	647	339
04/06/2018	21	647	590	334
04/06/2018	22	647	579	322
04/06/2018	23	647	563	304
04/06/2018	24	600	565	292
04/07/2018	1	578	500	268
04/07/2018	2	520	423	257
04/07/2018	3	480	420	249
04/07/2018	4	440	380	241
04/07/2018	5	462	380	238
04/07/2018	6	488	400	238
04/07/2018	7	500	420	241
04/07/2018	8	560	500	268
04/07/2018	9	576	520	295
04/07/2018	10	581	520	313
04/07/2018	11	600	540	325
04/07/2018	12	550	500	315
04/07/2018	13	520	480	320
04/07/2018	14	600	500	332
04/07/2018	15	560	480	330
04/07/2018	16	520	456	320
04/07/2018	17	456	450	305
04/07/2018	18	456	420	301
04/07/2018	19	500	456	320
04/07/2018	20	480	456	317
04/07/2018	21	460	456	312
04/07/2018	22	460	460	304
04/07/2018	23	500	460	288
04/07/2018	24	460	456	271
04/08/2018	1	537	480	250
04/08/2018	2	510	440	242
04/08/2018	3	470	400	235
04/08/2018	4	440	360	230
04/08/2018	5	420	350	228
04/08/2018	6	400	330	224
04/08/2018	7	440	348	227
04/08/2018	8	500	424	239
04/08/2018	9	520	440	256
04/08/2018	10	550	520	277
04/08/2018	11	570	520	287
04/08/2018	12	520	475	285

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/08/2018	13	520	474	285
04/08/2018	14	560	480	290
04/08/2018	15	500	456	285
04/08/2018	16	480	456	279
04/08/2018	17	456	450	274
04/08/2018	18	456	420	280
04/08/2018	19	580	540	304
04/08/2018	20	560	520	304
04/08/2018	21	500	456	296
04/08/2018	22	460	460	282
04/08/2018	23	446	440	268
04/08/2018	24	400	380	253
04/09/2018	1	480	400	221
04/09/2018	2	480	400	214
04/09/2018	3	460	380	207
04/09/2018	4	430	350	204
04/09/2018	5	420	340	211
04/09/2018	6	420	320	218
04/09/2018	7	377	300	205
04/09/2018	8	419	350	231
04/09/2018	9	440	360	265
04/09/2018	10	463	380	285
04/09/2018	11	480	380	298
04/09/2018	12	461	360	293
04/09/2018	13	440	348	294
04/09/2018	14	500	413	308
04/09/2018	15	473	400	304
04/09/2018	16	460	392	298
04/09/2018	17	440	353	287
04/09/2018	18	436	400	292
04/09/2018	19	468	420	294
04/09/2018	20	441	400	289
04/09/2018	21	420	380	279
04/09/2018	22	400	360	263
04/09/2018	23	370	340	238
04/09/2018	24	366	320	222
04/10/2018	1	500	420	262
04/10/2018	2	480	420	255
04/10/2018	3	460	420	250
04/10/2018	4	430	420	244
04/10/2018	5	450	420	253
04/10/2018	6	480	420	262
04/10/2018	7	500	420	267
04/10/2018	8	540	420	297
04/10/2018	9	560	420	334
04/10/2018	10	580	497	355
04/10/2018	11	647	647	369
04/10/2018	12	647	583	365
04/10/2018	13	647	647	369
04/10/2018	14	647	647	382
04/10/2018	15	647	647	377
04/10/2018	16	647	550	366
04/10/2018	17	580	480	351
04/10/2018	18	550	456	354
04/10/2018	19	632	560	356
04/10/2018	20	580	480	346
04/10/2018	21	550	456	332
04/10/2018	22	480	456	312
04/10/2018	23	460	456	297
04/10/2018	24	456	430	284
04/11/2018	1	647	631	292
04/11/2018	2	580	472	282
04/11/2018	3	500	456	272
04/11/2018	4	480	456	267
04/11/2018	5	460	456	267

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/11/2018	6	500	456	269
04/11/2018	7	500	456	281
04/11/2018	8	600	547	310
04/11/2018	9	600	550	347
04/11/2018	10	647	647	369
04/11/2018	11	647	647	380
04/11/2018	12	647	647	379
04/11/2018	13	647	647	376
04/11/2018	14	647	647	390
04/11/2018	15	647	647	382
04/11/2018	16	647	647	376
04/11/2018	17	647	647	359
04/11/2018	18	580	500	348
04/11/2018	19	647	624	358
04/11/2018	20	600	483	352
04/11/2018	21	550	456	344
04/11/2018	22	520	456	332
04/11/2018	23	520	456	312
04/11/2018	24	485	456	300
04/12/2018	1	647	514	295
04/12/2018	2	540	480	287
04/12/2018	3	500	456	277
04/12/2018	4	456	450	272
04/12/2018	5	470	456	277
04/12/2018	6	500	456	283
04/12/2018	7	480	456	283
04/12/2018	8	571	542	314
04/12/2018	9	600	550	361
04/12/2018	10	647	647	379
04/12/2018	11	647	647	390
04/12/2018	12	647	647	382
04/12/2018	13	647	647	382
04/12/2018	14	647	647	400
04/12/2018	15	647	647	398
04/12/2018	16	647	647	385
04/12/2018	17	647	647	359
04/12/2018	18	580	500	353
04/12/2018	19	647	647	367
04/12/2018	20	647	647	361
04/12/2018	21	647	647	353
04/12/2018	22	580	550	337
04/12/2018	23	570	540	321
04/12/2018	24	554	500	304
04/13/2018	1	600	580	305
04/13/2018	2	550	500	284
04/13/2018	3	480	456	277
04/13/2018	4	456	450	271
04/13/2018	5	469	456	270
04/13/2018	6	489	456	273
04/13/2018	7	550	456	282
04/13/2018	8	541	460	318
04/13/2018	9	647	598	361
04/13/2018	10	647	647	381
04/13/2018	11	647	647	395
04/13/2018	12	647	647	389
04/13/2018	13	647	647	388
04/13/2018	14	647	647	403
04/13/2018	15	647	647	398
04/13/2018	16	647	647	391
04/13/2018	17	647	647	373
04/13/2018	18	580	472	360
04/13/2018	19	647	647	374
04/13/2018	20	647	647	371
04/13/2018	21	647	570	365
04/13/2018	22	600	527	357

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/13/2018	23	590	520	343
04/13/2018	24	580	500	327
04/14/2018	1	560	520	301
04/14/2018	2	520	480	288
04/14/2018	3	500	470	280
04/14/2018	4	480	460	278
04/14/2018	5	460	440	275
04/14/2018	6	460	420	270
04/14/2018	7	482	440	273
04/14/2018	8	511	460	296
04/14/2018	9	540	480	323
04/14/2018	10	561	500	347
04/14/2018	11	580	520	358
04/14/2018	12	550	480	351
04/14/2018	13	530	460	349
04/14/2018	14	600	520	359
04/14/2018	15	560	480	356
04/14/2018	16	540	460	348
04/14/2018	17	500	420	331
04/14/2018	18	480	400	327
04/14/2018	19	530	456	346
04/14/2018	20	500	456	341
04/14/2018	21	480	456	339
04/14/2018	22	460	456	329
04/14/2018	23	456	450	319
04/14/2018	24	456	430	303
04/15/2018	1	580	500	253
04/15/2018	2	500	420	245
04/15/2018	3	440	420	238
04/15/2018	4	420	400	233
04/15/2018	5	450	420	241
04/15/2018	6	460	420	243
04/15/2018	7	490	430	248
04/15/2018	8	500	450	272
04/15/2018	9	550	480	299
04/15/2018	10	580	490	317
04/15/2018	11	647	563	327
04/15/2018	12	580	550	322
04/15/2018	13	559	500	321
04/15/2018	14	647	629	331
04/15/2018	15	590	563	325
04/15/2018	16	569	520	316
04/15/2018	17	538	480	309
04/15/2018	18	580	500	311
04/15/2018	19	647	647	334
04/15/2018	20	647	647	328
04/15/2018	21	647	570	318
04/15/2018	22	550	500	303
04/15/2018	23	500	456	278
04/15/2018	24	480	456	261
04/16/2018	1	537	510	259
04/16/2018	2	496	420	251
04/16/2018	3	433	420	244
04/16/2018	4	420	400	239
04/16/2018	5	450	420	247
04/16/2018	6	490	420	253
04/16/2018	7	466	430	258
04/16/2018	8	500	450	322
04/16/2018	9	550	480	365
04/16/2018	10	647	494	385
04/16/2018	11	647	647	399
04/16/2018	12	647	647	392
04/16/2018	13	647	647	392
04/16/2018	14	647	647	407
04/16/2018	15	647	647	402

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/16/2018	16	647	647	395
04/16/2018	17	538	480	377
04/16/2018	18	580	500	364
04/16/2018	19	647	647	377
04/16/2018	20	647	647	375
04/16/2018	21	647	647	369
04/16/2018	22	647	604	361
04/16/2018	23	647	580	347
04/16/2018	24	647	572	331
04/17/2018	1	647	580	305
04/17/2018	2	600	540	283
04/17/2018	3	534	480	275
04/17/2018	4	456	440	267
04/17/2018	5	456	450	266
04/17/2018	6	490	456	263
04/17/2018	7	466	456	279
04/17/2018	8	500	456	316
04/17/2018	9	647	562	360
04/17/2018	10	647	647	384
04/17/2018	11	647	647	397
04/17/2018	12	647	647	391
04/17/2018	13	647	647	392
04/17/2018	14	647	647	406
04/17/2018	15	647	647	400
04/17/2018	16	647	647	391
04/17/2018	17	647	480	374
04/17/2018	18	580	500	362
04/17/2018	19	647	600	374
04/17/2018	20	552	550	370
04/17/2018	21	552	540	366
04/17/2018	22	550	500	356
04/17/2018	23	600	550	340
04/17/2018	24	575	500	322
04/18/2018	1	600	510	302
04/18/2018	2	549	481	292
04/18/2018	3	501	452	281
04/18/2018	4	481	420	277
04/18/2018	5	450	420	278
04/18/2018	6	490	456	281
04/18/2018	7	466	456	289
04/18/2018	8	500	456	324
04/18/2018	9	608	562	361
04/18/2018	10	647	647	381
04/18/2018	11	647	647	396
04/18/2018	12	647	647	390
04/18/2018	13	647	647	390
04/18/2018	14	647	647	407
04/18/2018	15	647	647	405
04/18/2018	16	647	647	397
04/18/2018	17	647	647	377
04/18/2018	18	647	551	366
04/18/2018	19	647	647	379
04/18/2018	20	600	595	370
04/18/2018	21	580	469	362
04/18/2018	22	570	496	349
04/18/2018	23	550	461	330
04/18/2018	24	500	456	313
04/19/2018	1	580	420	306
04/19/2018	2	560	420	297
04/19/2018	3	540	420	289
04/19/2018	4	520	420	281
04/19/2018	5	500	420	280
04/19/2018	6	480	420	278
04/19/2018	7	480	420	290
04/19/2018	8	520	420	323

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/19/2018	9	560	496	357
04/19/2018	10	647	600	378
04/19/2018	11	647	647	391
04/19/2018	12	647	647	387
04/19/2018	13	647	647	390
04/19/2018	14	647	647	402
04/19/2018	15	647	647	400
04/19/2018	16	647	647	393
04/19/2018	17	647	647	369
04/19/2018	18	600	500	354
04/19/2018	19	600	580	372
04/19/2018	20	580	523	369
04/19/2018	21	580	468	366
04/19/2018	22	580	499	356
04/19/2018	23	580	480	338
04/19/2018	24	500	456	320
04/20/2018	1	600	456	306
04/20/2018	2	580	420	292
04/20/2018	3	530	420	284
04/20/2018	4	520	420	279
04/20/2018	5	480	420	275
04/20/2018	6	510	420	276
04/20/2018	7	471	456	288
04/20/2018	8	520	456	325
04/20/2018	9	580	506	361
04/20/2018	10	647	647	382
04/20/2018	11	647	647	394
04/20/2018	12	647	647	386
04/20/2018	13	647	647	389
04/20/2018	14	647	647	403
04/20/2018	15	647	647	399
04/20/2018	16	647	647	392
04/20/2018	17	647	647	374
04/20/2018	18	550	500	359
04/20/2018	19	600	536	372
04/20/2018	20	580	498	368
04/20/2018	21	560	480	365
04/20/2018	22	550	456	354
04/20/2018	23	560	500	339
04/20/2018	24	500	456	324
04/21/2018	1	600	520	312
04/21/2018	2	580	488	308
04/21/2018	3	550	480	298
04/21/2018	4	520	440	289
04/21/2018	5	490	420	285
04/21/2018	6	459	420	283
04/21/2018	7	478	420	286
04/21/2018	8	520	435	306
04/21/2018	9	550	424	332
04/21/2018	10	580	403	356
04/21/2018	11	620	520	368
04/21/2018	12	580	457	364
04/21/2018	13	600	457	367
04/21/2018	14	647	637	379
04/21/2018	15	647	637	379
04/21/2018	16	620	560	363
04/21/2018	17	600	544	345
04/21/2018	18	541	457	338
04/21/2018	19	590	457	361
04/21/2018	20	580	500	359
04/21/2018	21	560	480	355
04/21/2018	22	545	460	340
04/21/2018	23	520	500	328
04/21/2018	24	480	456	315
04/22/2018	1	580	450	261

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/22/2018	2	550	420	253
04/22/2018	3	500	420	246
04/22/2018	4	480	420	241
04/22/2018	5	450	420	249
04/22/2018	6	490	420	251
04/22/2018	7	465	420	256
04/22/2018	8	580	537	280
04/22/2018	9	612	580	306
04/22/2018	10	647	647	324
04/22/2018	11	647	647	335
04/22/2018	12	647	647	330
04/22/2018	13	647	647	329
04/22/2018	14	647	647	339
04/22/2018	15	647	647	332
04/22/2018	16	647	647	324
04/22/2018	17	647	647	316
04/22/2018	18	647	647	318
04/22/2018	19	647	647	342
04/22/2018	20	647	647	335
04/22/2018	21	647	647	325
04/22/2018	22	647	634	310
04/22/2018	23	550	480	285
04/22/2018	24	456	450	268
04/23/2018	1	596	450	259
04/23/2018	2	550	410	251
04/23/2018	3	500	380	244
04/23/2018	4	480	350	239
04/23/2018	5	450	352	247
04/23/2018	6	490	352	253
04/23/2018	7	465	380	258
04/23/2018	8	580	537	322
04/23/2018	9	612	580	365
04/23/2018	10	647	647	385
04/23/2018	11	647	647	399
04/23/2018	12	647	647	392
04/23/2018	13	647	647	392
04/23/2018	14	647	647	407
04/23/2018	15	647	647	402
04/23/2018	16	647	647	395
04/23/2018	17	647	647	377
04/23/2018	18	647	647	364
04/23/2018	19	647	647	378
04/23/2018	20	647	647	375
04/23/2018	21	647	647	369
04/23/2018	22	647	634	361
04/23/2018	23	550	480	347
04/23/2018	24	500	456	331
04/24/2018	1	647	580	315
04/24/2018	2	600	550	297
04/24/2018	3	550	500	288
04/24/2018	4	477	420	282
04/24/2018	5	450	420	278
04/24/2018	6	440	420	271
04/24/2018	7	460	420	286
04/24/2018	8	550	461	324
04/24/2018	9	585	520	367
04/24/2018	10	647	647	390
04/24/2018	11	647	647	405
04/24/2018	12	647	647	397
04/24/2018	13	647	647	396
04/24/2018	14	647	647	412
04/24/2018	15	647	647	410
04/24/2018	16	647	647	401
04/24/2018	17	647	647	383
04/24/2018	18	580	520	372

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/24/2018	19	647	607	382
04/24/2018	20	601	580	379
04/24/2018	21	609	550	374
04/24/2018	22	590	550	367
04/24/2018	23	580	500	351
04/24/2018	24	560	500	336
04/25/2018	1	647	587	319
04/25/2018	2	647	550	309
04/25/2018	3	600	500	298
04/25/2018	4	550	456	292
04/25/2018	5	540	456	290
04/25/2018	6	520	456	286
04/25/2018	7	500	456	290
04/25/2018	8	501	456	334
04/25/2018	9	585	520	379
04/25/2018	10	647	647	399
04/25/2018	11	647	647	415
04/25/2018	12	647	647	405
04/25/2018	13	647	647	404
04/25/2018	14	647	647	422
04/25/2018	15	647	647	418
04/25/2018	16	647	647	414
04/25/2018	17	647	647	395
04/25/2018	18	647	579	379
04/25/2018	19	647	647	393
04/25/2018	20	647	647	388
04/25/2018	21	647	647	382
04/25/2018	22	616	550	369
04/25/2018	23	600	550	354
04/25/2018	24	580	520	338
04/26/2018	1	647	560	316
04/26/2018	2	600	520	304
04/26/2018	3	570	480	296
04/26/2018	4	500	456	287
04/26/2018	5	490	456	287
04/26/2018	6	470	456	286
04/26/2018	7	550	456	299
04/26/2018	8	580	480	337
04/26/2018	9	585	520	375
04/26/2018	10	647	647	395
04/26/2018	11	647	647	410
04/26/2018	12	647	647	401
04/26/2018	13	647	647	403
04/26/2018	14	647	647	419
04/26/2018	15	647	647	416
04/26/2018	16	647	647	407
04/26/2018	17	647	647	386
04/26/2018	18	608	550	374
04/26/2018	19	647	647	387
04/26/2018	20	647	609	383
04/26/2018	21	570	532	377
04/26/2018	22	550	509	364
04/26/2018	23	550	502	350
04/26/2018	24	500	480	332
04/27/2018	1	580	520	310
04/27/2018	2	550	510	294
04/27/2018	3	510	446	285
04/27/2018	4	510	440	279
04/27/2018	5	521	460	277
04/27/2018	6	530	480	279
04/27/2018	7	580	500	288
04/27/2018	8	602	490	326
04/27/2018	9	580	550	361
04/27/2018	10	611	580	382
04/27/2018	11	647	623	394

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/27/2018	12	647	634	387
04/27/2018	13	647	647	388
04/27/2018	14	647	647	401
04/27/2018	15	647	647	398
04/27/2018	16	647	647	389
04/27/2018	17	580	550	371
04/27/2018	18	580	500	356
04/27/2018	19	620	530	370
04/27/2018	20	597	520	365
04/27/2018	21	570	500	361
04/27/2018	22	500	456	349
04/27/2018	23	480	456	335
04/27/2018	24	460	456	322
04/28/2018	1	560	480	314
04/28/2018	2	540	460	298
04/28/2018	3	521	420	289
04/28/2018	4	500	420	287
04/28/2018	5	500	420	281
04/28/2018	6	480	420	274
04/28/2018	7	507	400	281
04/28/2018	8	560	450	305
04/28/2018	9	580	470	335
04/28/2018	10	594	490	358
04/28/2018	11	600	500	371
04/28/2018	12	580	480	366
04/28/2018	13	560	460	367
04/28/2018	14	600	500	378
04/28/2018	15	580	478	374
04/28/2018	16	560	451	364
04/28/2018	17	520	420	347
04/28/2018	18	557	450	340
04/28/2018	19	580	480	359
04/28/2018	20	560	475	357
04/28/2018	21	547	460	355
04/28/2018	22	510	447	344
04/28/2018	23	480	430	328
04/28/2018	24	460	400	318
04/29/2018	1	541	481	267
04/29/2018	2	500	450	259
04/29/2018	3	480	420	252
04/29/2018	4	450	380	247
04/29/2018	5	521	460	255
04/29/2018	6	530	470	257
04/29/2018	7	580	470	262
04/29/2018	8	598	490	286
04/29/2018	9	647	591	312
04/29/2018	10	647	647	330
04/29/2018	11	647	647	341
04/29/2018	12	647	647	336
04/29/2018	13	647	647	335
04/29/2018	14	647	647	345
04/29/2018	15	647	647	338
04/29/2018	16	647	647	330
04/29/2018	17	580	550	322
04/29/2018	18	577	500	324
04/29/2018	19	647	647	348
04/29/2018	20	647	647	341
04/29/2018	21	589	500	331
04/29/2018	22	500	456	316
04/29/2018	23	480	456	291
04/29/2018	24	456	440	274
04/30/2018	1	520	456	263
04/30/2018	2	500	420	255
04/30/2018	3	480	400	248
04/30/2018	4	450	380	243

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/30/2018	5	521	460	251
04/30/2018	6	530	470	257
04/30/2018	7	500	440	262
04/30/2018	8	647	550	330
04/30/2018	9	647	647	372
04/30/2018	10	647	647	392
04/30/2018	11	647	647	405
04/30/2018	12	647	647	396
04/30/2018	13	647	647	398
04/30/2018	14	647	647	413
04/30/2018	15	647	647	410
04/30/2018	16	647	647	405
04/30/2018	17	600	580	384
04/30/2018	18	536	500	370
04/30/2018	19	647	583	382
04/30/2018	20	632	550	378
04/30/2018	21	600	550	373
04/30/2018	22	590	500	361
04/30/2018	23	580	493	348
04/30/2018	24	520	482	330
05/01/2018	1	561	420	289
05/01/2018	2	540	380	268
05/01/2018	3	500	360	261
05/01/2018	4	480	341	255
05/01/2018	5	450	341	252
05/01/2018	6	425	341	258
05/01/2018	7	467	341	266
05/01/2018	8	504	341	302
05/01/2018	9	536	380	335
05/01/2018	10	550	400	357
05/01/2018	11	570	456	371
05/01/2018	12	550	456	365
05/01/2018	13	540	456	365
05/01/2018	14	600	456	379
05/01/2018	15	600	456	375
05/01/2018	16	550	456	365
05/01/2018	17	500	420	349
05/01/2018	18	440	400	336
05/01/2018	19	480	430	348
05/01/2018	20	454	420	342
05/01/2018	21	437	420	336
05/01/2018	22	400	400	325
05/01/2018	23	394	370	309
05/01/2018	24	380	359	293
05/02/2018	1	572	456	267
05/02/2018	2	550	352	259
05/02/2018	3	460	352	252
05/02/2018	4	440	352	247
05/02/2018	5	500	352	255
05/02/2018	6	558	352	261
05/02/2018	7	536	352	270
05/02/2018	8	580	352	334
05/02/2018	9	647	456	378
05/02/2018	10	647	456	398
05/02/2018	11	647	456	411
05/02/2018	12	552	456	402
05/02/2018	13	560	456	404
05/02/2018	14	647	468	419
05/02/2018	15	647	456	416
05/02/2018	16	602	456	412
05/02/2018	17	550	456	391
05/02/2018	18	495	456	377
05/02/2018	19	534	456	388
05/02/2018	20	500	456	385
05/02/2018	21	480	456	379

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/02/2018	22	460	456	368
05/02/2018	23	456	450	355
05/02/2018	24	456	450	336
05/03/2018	1	600	480	319
05/03/2018	2	550	450	308
05/03/2018	3	500	440	298
05/03/2018	4	470	420	291
05/03/2018	5	500	450	290
05/03/2018	6	558	420	289
05/03/2018	7	536	420	299
05/03/2018	8	580	420	339
05/03/2018	9	647	456	377
05/03/2018	10	647	456	399
05/03/2018	11	647	561	413
05/03/2018	12	550	476	404
05/03/2018	13	647	574	414
05/03/2018	14	647	647	426
05/03/2018	15	647	647	424
05/03/2018	16	647	611	417
05/03/2018	17	580	561	391
05/03/2018	18	500	456	377
05/03/2018	19	547	456	390
05/03/2018	20	495	456	385
05/03/2018	21	480	456	378
05/03/2018	22	460	456	367
05/03/2018	23	456	450	352
05/03/2018	24	456	450	333
05/04/2018	1	600	550	323
05/04/2018	2	560	470	312
05/04/2018	3	510	450	301
05/04/2018	4	480	420	294
05/04/2018	5	470	420	292
05/04/2018	6	509	420	289
05/04/2018	7	510	420	300
05/04/2018	8	580	420	341
05/04/2018	9	647	458	379
05/04/2018	10	647	591	402
05/04/2018	11	647	647	414
05/04/2018	12	647	570	407
05/04/2018	13	647	580	409
05/04/2018	14	647	647	423
05/04/2018	15	647	647	420
05/04/2018	16	647	611	411
05/04/2018	17	580	561	391
05/04/2018	18	500	456	373
05/04/2018	19	520	456	387
05/04/2018	20	480	456	383
05/04/2018	21	480	456	379
05/04/2018	22	460	456	366
05/04/2018	23	456	450	352
05/04/2018	24	456	450	338
05/05/2018	1	580	500	312
05/05/2018	2	560	480	301
05/05/2018	3	540	450	289
05/05/2018	4	520	430	282
05/05/2018	5	500	400	277
05/05/2018	6	480	380	273
05/05/2018	7	503	380	278
05/05/2018	8	540	420	305
05/05/2018	9	560	450	337
05/05/2018	10	580	470	358
05/05/2018	11	600	500	372
05/05/2018	12	581	480	366
05/05/2018	13	560	480	368
05/05/2018	14	647	523	380

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/05/2018	15	637	520	377
05/05/2018	16	600	500	367
05/05/2018	17	550	480	349
05/05/2018	18	500	440	341
05/05/2018	19	520	456	361
05/05/2018	20	480	456	360
05/05/2018	21	480	456	358
05/05/2018	22	460	456	348
05/05/2018	23	456	445	332
05/05/2018	24	456	423	318
05/06/2018	1	550	500	269
05/06/2018	2	510	460	261
05/06/2018	3	480	440	254
05/06/2018	4	450	410	249
05/06/2018	5	463	420	257
05/06/2018	6	490	430	259
05/06/2018	7	510	430	264
05/06/2018	8	531	380	288
05/06/2018	9	547	456	314
05/06/2018	10	580	456	332
05/06/2018	11	600	456	342
05/06/2018	12	580	456	337
05/06/2018	13	609	456	336
05/06/2018	14	647	621	346
05/06/2018	15	647	579	340
05/06/2018	16	580	487	331
05/06/2018	17	520	456	324
05/06/2018	18	470	456	325
05/06/2018	19	647	514	349
05/06/2018	20	600	492	343
05/06/2018	21	550	456	332
05/06/2018	22	493	456	317
05/06/2018	23	456	450	293
05/06/2018	24	456	450	276
05/07/2018	1	540	480	271
05/07/2018	2	500	450	263
05/07/2018	3	470	430	256
05/07/2018	4	430	400	251
05/07/2018	5	450	420	255
05/07/2018	6	500	430	265
05/07/2018	7	480	359	278
05/07/2018	8	536	380	334
05/07/2018	9	647	592	379
05/07/2018	10	647	647	402
05/07/2018	11	647	647	414
05/07/2018	12	647	559	407
05/07/2018	13	647	606	409
05/07/2018	14	647	647	423
05/07/2018	15	647	647	420
05/07/2018	16	647	647	411
05/07/2018	17	647	525	391
05/07/2018	18	513	456	373
05/07/2018	19	550	456	387
05/07/2018	20	600	492	383
05/07/2018	21	556	456	379
05/07/2018	22	493	456	366
05/07/2018	23	456	450	352
05/07/2018	24	456	450	338
05/08/2018	1	647	550	323
05/08/2018	2	580	520	311
05/08/2018	3	560	480	302
05/08/2018	4	480	420	293
05/08/2018	5	450	420	289
05/08/2018	6	428	420	284
05/08/2018	7	464	420	298

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/08/2018	8	550	456	337
05/08/2018	9	647	647	375
05/08/2018	10	647	647	398
05/08/2018	11	647	647	413
05/08/2018	12	647	647	407
05/08/2018	13	647	647	410
05/08/2018	14	647	647	425
05/08/2018	15	647	647	421
05/08/2018	16	647	647	409
05/08/2018	17	647	520	389
05/08/2018	18	494	456	372
05/08/2018	19	550	456	386
05/08/2018	20	520	456	382
05/08/2018	21	500	456	379
05/08/2018	22	480	456	371
05/08/2018	23	456	450	353
05/08/2018	24	456	433	337
05/09/2018	1	647	560	317
05/09/2018	2	600	530	307
05/09/2018	3	570	490	298
05/09/2018	4	480	456	290
05/09/2018	5	470	456	290
05/09/2018	6	456	450	285
05/09/2018	7	480	456	299
05/09/2018	8	550	456	337
05/09/2018	9	647	647	386
05/09/2018	10	647	647	406
05/09/2018	11	647	647	419
05/09/2018	12	647	647	410
05/09/2018	13	647	647	404
05/09/2018	14	647	647	429
05/09/2018	15	647	647	423
05/09/2018	16	647	599	394
05/09/2018	17	647	580	393
05/09/2018	18	548	500	378
05/09/2018	19	550	500	391
05/09/2018	20	550	480	389
05/09/2018	21	520	456	382
05/09/2018	22	520	456	371
05/09/2018	23	556	467	360
05/09/2018	24	503	456	344
05/10/2018	1	647	561	323
05/10/2018	2	580	520	310
05/10/2018	3	560	480	305
05/10/2018	4	480	420	294
05/10/2018	5	460	420	291
05/10/2018	6	440	420	289
05/10/2018	7	480	420	302
05/10/2018	8	550	456	339
05/10/2018	9	647	647	379
05/10/2018	10	647	647	402
05/10/2018	11	647	647	414
05/10/2018	12	647	647	408
05/10/2018	13	647	647	408
05/10/2018	14	647	647	423
05/10/2018	15	647	647	423
05/10/2018	16	647	647	415
05/10/2018	17	647	580	393
05/10/2018	18	580	531	380
05/10/2018	19	647	578	392
05/10/2018	20	556	500	388
05/10/2018	21	549	456	382
05/10/2018	22	536	456	371
05/10/2018	23	533	456	358
05/10/2018	24	470	456	341

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/11/2018	1	594	545	319
05/11/2018	2	563	530	310
05/11/2018	3	540	488	301
05/11/2018	4	520	460	292
05/11/2018	5	500	440	290
05/11/2018	6	480	420	286
05/11/2018	7	460	420	295
05/11/2018	8	500	440	336
05/11/2018	9	600	543	372
05/11/2018	10	647	593	393
05/11/2018	11	647	647	405
05/11/2018	12	647	647	397
05/11/2018	13	647	647	399
05/11/2018	14	647	647	414
05/11/2018	15	647	647	411
05/11/2018	16	647	647	405
05/11/2018	17	647	580	385
05/11/2018	18	570	532	368
05/11/2018	19	580	550	381
05/11/2018	20	560	530	379
05/11/2018	21	520	500	369
05/11/2018	22	500	470	361
05/11/2018	23	480	457	342
05/11/2018	24	460	456	329
05/12/2018	1	647	560	312
05/12/2018	2	580	520	301
05/12/2018	3	560	480	289
05/12/2018	4	480	420	282
05/12/2018	5	460	420	277
05/12/2018	6	440	420	274
05/12/2018	7	480	420	278
05/12/2018	8	520	453	306
05/12/2018	9	539	456	343
05/12/2018	10	588	460	364
05/12/2018	11	647	470	378
05/12/2018	12	561	456	372
05/12/2018	13	595	456	373
05/12/2018	14	647	582	386
05/12/2018	15	647	509	383
05/12/2018	16	623	470	373
05/12/2018	17	570	456	355
05/12/2018	18	550	456	347
05/12/2018	19	593	470	367
05/12/2018	20	579	470	366
05/12/2018	21	560	461	364
05/12/2018	22	500	456	354
05/12/2018	23	500	456	338
05/12/2018	24	470	456	324
05/13/2018	1	647	560	281
05/13/2018	2	580	520	273
05/13/2018	3	560	480	266
05/13/2018	4	480	420	261
05/13/2018	5	460	420	269
05/13/2018	6	500	468	271
05/13/2018	7	528	500	276
05/13/2018	8	647	580	300
05/13/2018	9	647	647	321
05/13/2018	10	647	647	339
05/13/2018	11	647	647	350
05/13/2018	12	647	622	345
05/13/2018	13	647	596	344
05/13/2018	14	647	647	353
05/13/2018	15	647	647	347
05/13/2018	16	647	647	339
05/13/2018	17	647	587	335

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/13/2018	18	647	600	337
05/13/2018	19	647	647	360
05/13/2018	20	647	647	354
05/13/2018	21	647	647	344
05/13/2018	22	580	538	329
05/13/2018	23	500	456	304
05/13/2018	24	456	450	287
05/14/2018	1	520	470	270
05/14/2018	2	500	440	262
05/14/2018	3	480	420	256
05/14/2018	4	460	400	252
05/14/2018	5	468	400	259
05/14/2018	6	460	413	263
05/14/2018	7	440	370	265
05/14/2018	8	420	350	269
05/14/2018	9	452	380	289
05/14/2018	10	480	400	314
05/14/2018	11	500	420	330
05/14/2018	12	480	400	327
05/14/2018	13	460	400	328
05/14/2018	14	500	420	329
05/14/2018	15	480	400	324
05/14/2018	16	460	380	318
05/14/2018	17	440	360	308
05/14/2018	18	480	380	331
05/14/2018	19	500	420	344
05/14/2018	20	500	420	343
05/14/2018	21	480	400	329
05/14/2018	22	460	380	314
05/14/2018	23	440	360	310
05/14/2018	24	460	341	302
05/15/2018	1	560	500	299
05/15/2018	2	526	460	286
05/15/2018	3	500	440	281
05/15/2018	4	478	420	270
05/15/2018	5	470	420	267
05/15/2018	6	448	420	265
05/15/2018	7	480	420	282
05/15/2018	8	500	440	331
05/15/2018	9	647	647	386
05/15/2018	10	647	647	409
05/15/2018	11	647	647	422
05/15/2018	12	647	647	415
05/15/2018	13	647	647	415
05/15/2018	14	647	647	431
05/15/2018	15	647	647	430
05/15/2018	16	647	647	418
05/15/2018	17	647	567	393
05/15/2018	18	545	482	380
05/15/2018	19	568	532	392
05/15/2018	20	555	482	388
05/15/2018	21	550	480	382
05/15/2018	22	500	456	371
05/15/2018	23	480	456	358
05/15/2018	24	460	456	341
05/16/2018	1	647	550	315
05/16/2018	2	580	500	305
05/16/2018	3	550	460	295
05/16/2018	4	500	456	289
05/16/2018	5	470	456	287
05/16/2018	6	456	450	282
05/16/2018	7	480	456	292
05/16/2018	8	500	456	332
05/16/2018	9	647	647	370
05/16/2018	10	647	647	390

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/16/2018	11	647	647	405
05/16/2018	12	647	647	401
05/16/2018	13	647	647	403
05/16/2018	14	647	647	418
05/16/2018	15	647	647	413
05/16/2018	16	647	647	402
05/16/2018	17	580	550	381
05/16/2018	18	580	467	364
05/16/2018	19	590	520	376
05/16/2018	20	555	502	373
05/16/2018	21	550	500	371
05/16/2018	22	500	456	359
05/16/2018	23	550	477	339
05/16/2018	24	500	456	329
05/17/2018	1	600	550	321
05/17/2018	2	580	537	309
05/17/2018	3	550	515	300
05/17/2018	4	530	480	292
05/17/2018	5	510	460	289
05/17/2018	6	480	440	284
05/17/2018	7	451	440	297
05/17/2018	8	520	456	334
05/17/2018	9	600	535	372
05/17/2018	10	647	647	393
05/17/2018	11	647	647	407
05/17/2018	12	647	647	404
05/17/2018	13	647	647	405
05/17/2018	14	647	647	420
05/17/2018	15	647	647	417
05/17/2018	16	647	647	406
05/17/2018	17	600	554	384
05/17/2018	18	580	492	367
05/17/2018	19	600	541	381
05/17/2018	20	550	500	378
05/17/2018	21	533	500	373
05/17/2018	22	500	456	361
05/17/2018	23	550	477	344
05/17/2018	24	500	456	329
05/18/2018	1	647	580	328
05/18/2018	2	600	550	317
05/18/2018	3	580	540	305
05/18/2018	4	550	500	298
05/18/2018	5	540	480	294
05/18/2018	6	520	440	287
05/18/2018	7	550	500	307
05/18/2018	8	614	510	336
05/18/2018	9	647	647	373
05/18/2018	10	647	647	398
05/18/2018	11	647	647	413
05/18/2018	12	647	647	407
05/18/2018	13	647	647	409
05/18/2018	14	647	647	424
05/18/2018	15	647	647	417
05/18/2018	16	647	647	408
05/18/2018	17	647	647	387
05/18/2018	18	580	540	369
05/18/2018	19	608	580	383
05/18/2018	20	580	543	380
05/18/2018	21	570	540	376
05/18/2018	22	550	530	366
05/18/2018	23	600	450	353
05/18/2018	24	550	420	339
05/19/2018	1	611	456	317
05/19/2018	2	560	420	306
05/19/2018	3	540	420	293

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/19/2018	4	510	420	287
05/19/2018	5	470	420	280
05/19/2018	6	451	420	271
05/19/2018	7	520	420	278
05/19/2018	8	540	420	306
05/19/2018	9	580	420	338
05/19/2018	10	600	442	364
05/19/2018	11	647	456	378
05/19/2018	12	647	456	371
05/19/2018	13	647	456	374
05/19/2018	14	647	456	386
05/19/2018	15	647	456	382
05/19/2018	16	647	456	369
05/19/2018	17	580	456	350
05/19/2018	18	560	456	343
05/19/2018	19	600	456	361
05/19/2018	20	580	456	361
05/19/2018	21	560	456	357
05/19/2018	22	540	456	350
05/19/2018	23	600	456	334
05/19/2018	24	569	456	327
05/20/2018	1	601	456	284
05/20/2018	2	551	420	272
05/20/2018	3	540	420	266
05/20/2018	4	501	420	261
05/20/2018	5	512	420	260
05/20/2018	6	481	420	267
05/20/2018	7	471	420	276
05/20/2018	8	560	420	300
05/20/2018	9	589	456	316
05/20/2018	10	647	456	330
05/20/2018	11	647	456	341
05/20/2018	12	647	456	336
05/20/2018	13	647	456	335
05/20/2018	14	647	456	345
05/20/2018	15	647	456	339
05/20/2018	16	647	456	330
05/20/2018	17	647	456	326
05/20/2018	18	647	456	328
05/20/2018	19	647	456	352
05/20/2018	20	647	456	345
05/20/2018	21	647	456	335
05/20/2018	22	647	456	320
05/20/2018	23	550	456	295
05/20/2018	24	480	456	279
05/21/2018	1	580	456	275
05/21/2018	2	540	420	267
05/21/2018	3	486	420	260
05/21/2018	4	480	420	255
05/21/2018	5	446	420	259
05/21/2018	6	420	420	269
05/21/2018	7	484	420	282
05/21/2018	8	520	450	338
05/21/2018	9	580	550	378
05/21/2018	10	647	647	400
05/21/2018	11	647	647	414
05/21/2018	12	647	647	405
05/21/2018	13	647	647	408
05/21/2018	14	647	647	420
05/21/2018	15	647	647	418
05/21/2018	16	647	647	411
05/21/2018	17	647	556	392
05/21/2018	18	563	500	378
05/21/2018	19	600	569	391
05/21/2018	20	580	510	386

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/21/2018	21	553	456	380
05/21/2018	22	550	456	368
05/21/2018	23	573	559	353
05/21/2018	24	456	450	334
05/22/2018	1	560	480	324
05/22/2018	2	540	460	315
05/22/2018	3	520	456	305
05/22/2018	4	500	456	296
05/22/2018	5	480	456	292
05/22/2018	6	460	420	287
05/22/2018	7	440	420	302
05/22/2018	8	550	462	344
05/22/2018	9	580	520	377
05/22/2018	10	647	647	399
05/22/2018	11	647	647	413
05/22/2018	12	647	647	410
05/22/2018	13	647	647	414
05/22/2018	14	647	647	425
05/22/2018	15	647	647	421
05/22/2018	16	647	647	412
05/22/2018	17	647	563	391
05/22/2018	18	550	500	373
05/22/2018	19	600	569	384
05/22/2018	20	580	500	377
05/22/2018	21	553	456	372
05/22/2018	22	550	456	359
05/22/2018	23	550	520	347
05/22/2018	24	473	456	333
05/23/2018	1	590	559	317
05/23/2018	2	570	539	304
05/23/2018	3	540	500	294
05/23/2018	4	520	484	288
05/23/2018	5	500	456	285
05/23/2018	6	480	456	283
05/23/2018	7	450	420	296
05/23/2018	8	540	500	336
05/23/2018	9	600	550	379
05/23/2018	10	647	647	399
05/23/2018	11	647	647	415
05/23/2018	12	647	647	411
05/23/2018	13	647	647	413
05/23/2018	14	647	647	427
05/23/2018	15	647	647	423
05/23/2018	16	647	647	412
05/23/2018	17	647	612	390
05/23/2018	18	550	500	373
05/23/2018	19	600	560	385
05/23/2018	20	580	540	381
05/23/2018	21	560	500	378
05/23/2018	22	540	460	367
05/23/2018	23	540	494	350
05/23/2018	24	480	456	327
05/24/2018	1	580	500	319
05/24/2018	2	551	480	309
05/24/2018	3	500	456	299
05/24/2018	4	480	456	290
05/24/2018	5	460	456	287
05/24/2018	6	456	439	282
05/24/2018	7	550	470	296
05/24/2018	8	580	522	333
05/24/2018	9	600	551	374
05/24/2018	10	647	647	395
05/24/2018	11	647	647	408
05/24/2018	12	647	647	403
05/24/2018	13	647	647	406

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/24/2018	14	647	647	422
05/24/2018	15	647	647	418
05/24/2018	16	647	647	408
05/24/2018	17	647	617	388
05/24/2018	18	540	473	365
05/24/2018	19	580	500	378
05/24/2018	20	550	488	375
05/24/2018	21	505	460	375
05/24/2018	22	500	456	374
05/24/2018	23	565	480	356
05/24/2018	24	537	460	341
05/25/2018	1	647	580	336
05/25/2018	2	600	550	324
05/25/2018	3	580	520	314
05/25/2018	4	550	500	302
05/25/2018	5	509	456	299
05/25/2018	6	486	456	292
05/25/2018	7	528	456	302
05/25/2018	8	580	500	345
05/25/2018	9	647	580	380
05/25/2018	10	647	647	401
05/25/2018	11	647	647	412
05/25/2018	12	647	647	406
05/25/2018	13	647	647	408
05/25/2018	14	647	647	425
05/25/2018	15	647	647	423
05/25/2018	16	647	647	415
05/25/2018	17	647	617	394
05/25/2018	18	540	473	375
05/25/2018	19	580	500	388
05/25/2018	20	550	488	387
05/25/2018	21	550	478	388
05/25/2018	22	518	456	378
05/25/2018	23	550	490	365
05/25/2018	24	541	480	351
05/26/2018	1	580	514	303
05/26/2018	2	561	490	293
05/26/2018	3	540	470	283
05/26/2018	4	520	450	276
05/26/2018	5	500	430	270
05/26/2018	6	463	400	261
05/26/2018	7	447	380	266
05/26/2018	8	480	397	290
05/26/2018	9	500	400	306
05/26/2018	10	520	420	337
05/26/2018	11	550	456	351
05/26/2018	12	481	456	343
05/26/2018	13	480	456	343
05/26/2018	14	589	460	352
05/26/2018	15	560	456	346
05/26/2018	16	500	456	335
05/26/2018	17	506	456	321
05/26/2018	18	520	456	319
05/26/2018	19	530	456	334
05/26/2018	20	500	456	335
05/26/2018	21	460	456	334
05/26/2018	22	460	456	327
05/26/2018	23	480	456	314
05/26/2018	24	460	400	300
05/27/2018	1	580	550	284
05/27/2018	2	550	510	273
05/27/2018	3	500	470	266
05/27/2018	4	480	440	261
05/27/2018	5	460	430	261
05/27/2018	6	480	430	267

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/27/2018	7	528	450	277
05/27/2018	8	580	500	300
05/27/2018	9	560	500	314
05/27/2018	10	580	550	328
05/27/2018	11	647	635	339
05/27/2018	12	607	550	334
05/27/2018	13	580	551	333
05/27/2018	14	647	576	343
05/27/2018	15	647	578	336
05/27/2018	16	558	500	328
05/27/2018	17	577	480	324
05/27/2018	18	500	456	326
05/27/2018	19	647	647	350
05/27/2018	20	647	633	343
05/27/2018	21	580	500	333
05/27/2018	22	518	456	318
05/27/2018	23	550	456	293
05/27/2018	24	500	456	276
05/28/2018	1	570	540	276
05/28/2018	2	520	500	267
05/28/2018	3	480	460	260
05/28/2018	4	460	400	255
05/28/2018	5	480	430	260
05/28/2018	6	500	450	269
05/28/2018	7	480	460	283
05/28/2018	8	647	585	338
05/28/2018	9	647	590	378
05/28/2018	10	647	647	400
05/28/2018	11	647	647	414
05/28/2018	12	647	647	405
05/28/2018	13	647	647	408
05/28/2018	14	647	647	420
05/28/2018	15	647	647	418
05/28/2018	16	647	647	411
05/28/2018	17	594	580	392
05/28/2018	18	560	456	378
05/28/2018	19	647	647	391
05/28/2018	20	616	580	386
05/28/2018	21	580	500	380
05/28/2018	22	518	456	368
05/28/2018	23	550	456	353
05/28/2018	24	500	456	334
05/29/2018	1	647	580	323
05/29/2018	2	600	550	313
05/29/2018	3	580	500	302
05/29/2018	4	500	456	293
05/29/2018	5	456	431	289
05/29/2018	6	456	420	283
05/29/2018	7	456	450	294
05/29/2018	8	570	540	341
05/29/2018	9	580	550	383
05/29/2018	10	647	647	409
05/29/2018	11	647	647	425
05/29/2018	12	647	647	421
05/29/2018	13	647	647	425
05/29/2018	14	647	647	436
05/29/2018	15	647	647	420
05/29/2018	16	647	647	402
05/29/2018	17	594	580	385
05/29/2018	18	560	456	371
05/29/2018	19	647	647	386
05/29/2018	20	643	580	386
05/29/2018	21	603	500	383
05/29/2018	22	578	456	372
05/29/2018	23	647	601	356

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/29/2018	24	615	550	342
05/30/2018	1	647	580	334
05/30/2018	2	600	550	319
05/30/2018	3	580	500	309
05/30/2018	4	540	456	299
05/30/2018	5	520	456	298
05/30/2018	6	500	456	292
05/30/2018	7	524	456	302
05/30/2018	8	550	520	342
05/30/2018	9	580	550	382
05/30/2018	10	647	647	407
05/30/2018	11	647	647	421
05/30/2018	12	647	647	417
05/30/2018	13	647	647	419
05/30/2018	14	647	647	436
05/30/2018	15	647	647	432
05/30/2018	16	647	647	423
05/30/2018	17	594	580	402
05/30/2018	18	560	456	384
05/30/2018	19	647	599	396
05/30/2018	20	647	580	397
05/30/2018	21	647	562	393
05/30/2018	22	647	493	384
05/30/2018	23	647	608	368
05/30/2018	24	580	523	351
05/31/2018	1	647	580	332
05/31/2018	2	600	560	322
05/31/2018	3	580	510	310
05/31/2018	4	550	480	302
05/31/2018	5	520	460	300
05/31/2018	6	500	434	293
05/31/2018	7	513	420	305
05/31/2018	8	580	530	346
05/31/2018	9	596	550	384
05/31/2018	10	647	631	406
05/31/2018	11	647	647	419
05/31/2018	12	647	647	414
05/31/2018	13	647	647	416
05/31/2018	14	647	647	424
05/31/2018	15	647	647	419
05/31/2018	16	647	647	408
05/31/2018	17	580	529	387
05/31/2018	18	550	450	370
05/31/2018	19	647	647	384
05/31/2018	20	647	605	382
05/31/2018	21	647	562	380
05/31/2018	22	591	520	371
05/31/2018	23	617	552	356
05/31/2018	24	615	585	341
06/01/2018	1	647	580	327
06/01/2018	2	600	560	314
06/01/2018	3	580	510	304
06/01/2018	4	550	480	295
06/01/2018	5	520	460	292
06/01/2018	6	500	434	285
06/01/2018	7	513	420	297
06/01/2018	8	580	530	336
06/01/2018	9	596	550	378
06/01/2018	10	647	631	400
06/01/2018	11	647	647	411
06/01/2018	12	647	647	405
06/01/2018	13	647	647	406
06/01/2018	14	647	647	420
06/01/2018	15	647	647	417
06/01/2018	16	647	647	410

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/01/2018	17	580	529	390
06/01/2018	18	550	450	372
06/01/2018	19	647	647	384
06/01/2018	20	647	605	383
06/01/2018	21	647	562	383
06/01/2018	22	591	520	373
06/01/2018	23	617	552	360
06/01/2018	24	615	585	345
06/02/2018	1	600	580	323
06/02/2018	2	580	550	313
06/02/2018	3	560	520	306
06/02/2018	4	540	500	299
06/02/2018	5	520	480	293
06/02/2018	6	500	435	281
06/02/2018	7	500	420	289
06/02/2018	8	540	470	315
06/02/2018	9	570	520	345
06/02/2018	10	600	550	364
06/02/2018	11	600	560	375
06/02/2018	12	580	516	367
06/02/2018	13	540	480	368
06/02/2018	14	620	560	378
06/02/2018	15	620	560	372
06/02/2018	16	600	500	362
06/02/2018	17	580	480	347
06/02/2018	18	550	460	341
06/02/2018	19	600	520	363
06/02/2018	20	600	500	364
06/02/2018	21	580	480	360
06/02/2018	22	580	500	347
06/02/2018	23	580	545	334
06/02/2018	24	580	500	324
06/03/2018	1	550	480	285
06/03/2018	2	520	455	273
06/03/2018	3	475	440	266
06/03/2018	4	450	420	262
06/03/2018	5	440	420	261
06/03/2018	6	500	444	268
06/03/2018	7	520	450	277
06/03/2018	8	550	500	301
06/03/2018	9	580	520	314
06/03/2018	10	580	530	328
06/03/2018	11	647	550	339
06/03/2018	12	580	520	334
06/03/2018	13	565	530	333
06/03/2018	14	647	540	343
06/03/2018	15	647	520	336
06/03/2018	16	550	462	328
06/03/2018	17	520	480	324
06/03/2018	18	550	490	326
06/03/2018	19	647	647	350
06/03/2018	20	647	647	343
06/03/2018	21	561	550	333
06/03/2018	22	550	500	318
06/03/2018	23	500	456	293
06/03/2018	24	470	456	277
06/04/2018	1	540	456	276
06/04/2018	2	520	435	267
06/04/2018	3	460	420	260
06/04/2018	4	449	420	255
06/04/2018	5	440	420	260
06/04/2018	6	500	444	269
06/04/2018	7	520	450	283
06/04/2018	8	550	500	338
06/04/2018	9	577	520	367

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/04/2018	10	647	578	388
06/04/2018	11	647	647	402
06/04/2018	12	647	580	394
06/04/2018	13	647	610	397
06/04/2018	14	647	647	409
06/04/2018	15	647	647	407
06/04/2018	16	647	647	400
06/04/2018	17	581	480	380
06/04/2018	18	540	456	367
06/04/2018	19	580	500	380
06/04/2018	20	550	500	374
06/04/2018	21	500	456	368
06/04/2018	22	495	456	356
06/04/2018	23	480	456	342
06/04/2018	24	499	456	323
06/05/2018	1	647	580	325
06/05/2018	2	647	550	312
06/05/2018	3	647	520	302
06/05/2018	4	552	500	294
06/05/2018	5	429	420	288
06/05/2018	6	481	436	284
06/05/2018	7	491	441	299
06/05/2018	8	550	500	342
06/05/2018	9	647	611	377
06/05/2018	10	647	647	401
06/05/2018	11	647	647	415
06/05/2018	12	647	647	412
06/05/2018	13	647	647	415
06/05/2018	14	647	647	427
06/05/2018	15	647	647	417
06/05/2018	16	647	647	404
06/05/2018	17	647	647	384
06/05/2018	18	647	500	369
06/05/2018	19	647	521	382
06/05/2018	20	647	647	378
06/05/2018	21	647	550	374
06/05/2018	22	647	541	362
06/05/2018	23	580	473	347
06/05/2018	24	580	463	334
06/06/2018	1	647	647	342
06/06/2018	2	647	580	328
06/06/2018	3	647	550	316
06/06/2018	4	552	520	308
06/06/2018	5	520	500	312
06/06/2018	6	500	500	304
06/06/2018	7	520	510	309
06/06/2018	8	501	489	351
06/06/2018	9	647	570	388
06/06/2018	10	647	647	408
06/06/2018	11	647	647	423
06/06/2018	12	647	647	416
06/06/2018	13	647	647	413
06/06/2018	14	647	647	426
06/06/2018	15	647	647	423
06/06/2018	16	647	647	410
06/06/2018	17	647	647	395
06/06/2018	18	535	500	376
06/06/2018	19	647	516	389
06/06/2018	20	647	616	392
06/06/2018	21	647	536	389
06/06/2018	22	647	500	373
06/06/2018	23	580	456	361
06/06/2018	24	580	456	347
06/07/2018	1	580	520	311
06/07/2018	2	550	480	300

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/07/2018	3	500	450	291
06/07/2018	4	445	420	284
06/07/2018	5	440	420	283
06/07/2018	6	430	420	277
06/07/2018	7	460	420	289
06/07/2018	8	501	489	326
06/07/2018	9	600	499	363
06/07/2018	10	647	647	383
06/07/2018	11	647	647	396
06/07/2018	12	607	550	390
06/07/2018	13	620	580	390
06/07/2018	14	647	647	406
06/07/2018	15	647	647	404
06/07/2018	16	647	647	396
06/07/2018	17	580	540	375
06/07/2018	18	550	500	361
06/07/2018	19	580	520	372
06/07/2018	20	550	500	370
06/07/2018	21	550	480	368
06/07/2018	22	520	480	359
06/07/2018	23	500	454	345
06/07/2018	24	500	420	329
06/08/2018	1	647	580	308
06/08/2018	2	600	550	298
06/08/2018	3	540	455	288
06/08/2018	4	480	441	279
06/08/2018	5	470	428	278
06/08/2018	6	450	420	271
06/08/2018	7	464	430	280
06/08/2018	8	468	450	316
06/08/2018	9	600	537	350
06/08/2018	10	647	582	371
06/08/2018	11	647	594	383
06/08/2018	12	520	517	375
06/08/2018	13	571	500	376
06/08/2018	14	647	547	388
06/08/2018	15	605	520	384
06/08/2018	16	588	500	376
06/08/2018	17	570	492	356
06/08/2018	18	500	450	341
06/08/2018	19	550	480	353
06/08/2018	20	580	506	353
06/08/2018	21	550	471	350
06/08/2018	22	520	456	341
06/08/2018	23	500	433	328
06/08/2018	24	500	420	315
06/09/2018	1	569	569	291
06/09/2018	2	540	540	282
06/09/2018	3	529	529	272
06/09/2018	4	482	482	265
06/09/2018	5	462	462	261
06/09/2018	6	400	400	249
06/09/2018	7	440	440	257
06/09/2018	8	480	480	280
06/09/2018	9	500	500	309
06/09/2018	10	540	540	331
06/09/2018	11	560	560	340
06/09/2018	12	530	530	329
06/09/2018	13	520	520	325
06/09/2018	14	580	580	337
06/09/2018	15	560	560	334
06/09/2018	16	540	540	323
06/09/2018	17	526	526	312
06/09/2018	18	500	500	314
06/09/2018	19	550	550	327

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/09/2018	20	530	530	330
06/09/2018	21	515	515	328
06/09/2018	22	500	500	318
06/09/2018	23	480	480	305
06/09/2018	24	460	460	290
06/10/2018	1	581	521	273
06/10/2018	2	551	481	261
06/10/2018	3	489	420	254
06/10/2018	4	450	423	250
06/10/2018	5	460	420	249
06/10/2018	6	470	420	256
06/10/2018	7	500	450	265
06/10/2018	8	500	430	269
06/10/2018	9	520	440	278
06/10/2018	10	550	450	292
06/10/2018	11	570	480	303
06/10/2018	12	520	450	298
06/10/2018	13	510	450	297
06/10/2018	14	580	470	307
06/10/2018	15	550	450	300
06/10/2018	16	500	430	292
06/10/2018	17	500	420	288
06/10/2018	18	500	430	290
06/10/2018	19	510	440	313
06/10/2018	20	500	440	307
06/10/2018	21	480	420	297
06/10/2018	22	470	420	282
06/10/2018	23	450	420	261
06/10/2018	24	440	420	245
06/11/2018	1	580	530	295
06/11/2018	2	550	480	280
06/11/2018	3	500	450	275
06/11/2018	4	466	420	268
06/11/2018	5	446	420	267
06/11/2018	6	458	420	261
06/11/2018	7	460	440	273
06/11/2018	8	500	430	314
06/11/2018	9	550	450	355
06/11/2018	10	647	633	375
06/11/2018	11	647	647	388
06/11/2018	12	647	647	382
06/11/2018	13	647	647	381
06/11/2018	14	647	647	398
06/11/2018	15	647	647	396
06/11/2018	16	647	647	388
06/11/2018	17	580	550	367
06/11/2018	18	560	520	353
06/11/2018	19	647	556	364
06/11/2018	20	580	563	362
06/11/2018	21	560	550	360
06/11/2018	22	558	520	351
06/11/2018	23	550	494	337
06/11/2018	24	550	480	321
06/12/2018	1	520	420	264
06/12/2018	2	500	400	253
06/12/2018	3	480	380	246
06/12/2018	4	460	360	239
06/12/2018	5	440	340	235
06/12/2018	6	400	300	221
06/12/2018	7	360	300	224
06/12/2018	8	440	300	238
06/12/2018	9	457	320	259
06/12/2018	10	480	355	279
06/12/2018	11	500	370	290
06/12/2018	12	470	340	288

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/12/2018	13	453	330	289
06/12/2018	14	500	360	295
06/12/2018	15	481	360	294
06/12/2018	16	461	350	287
06/12/2018	17	440	340	277
06/12/2018	18	450	330	276
06/12/2018	19	460	350	297
06/12/2018	20	480	370	299
06/12/2018	21	480	370	298
06/12/2018	22	460	350	292
06/12/2018	23	450	350	280
06/12/2018	24	430	350	266
06/13/2018	1	540	440	265
06/13/2018	2	527	430	254
06/13/2018	3	500	400	247
06/13/2018	4	480	380	243
06/13/2018	5	460	360	246
06/13/2018	6	440	340	240
06/13/2018	7	480	331	268
06/13/2018	8	500	424	314
06/13/2018	9	520	450	330
06/13/2018	10	600	500	354
06/13/2018	11	620	540	356
06/13/2018	12	600	559	357
06/13/2018	13	600	569	357
06/13/2018	14	625	600	359
06/13/2018	15	600	561	349
06/13/2018	16	580	530	345
06/13/2018	17	540	500	326
06/13/2018	18	540	500	312
06/13/2018	19	560	460	323
06/13/2018	20	560	460	326
06/13/2018	21	540	440	322
06/13/2018	22	520	420	313
06/13/2018	23	500	400	295
06/13/2018	24	480	380	284
06/14/2018	1	520	420	265
06/14/2018	2	500	400	259
06/14/2018	3	480	400	252
06/14/2018	4	460	400	249
06/14/2018	5	440	400	250
06/14/2018	6	460	400	252
06/14/2018	7	480	410	274
06/14/2018	8	500	424	293
06/14/2018	9	520	450	325
06/14/2018	10	580	520	347
06/14/2018	11	647	600	360
06/14/2018	12	600	540	348
06/14/2018	13	570	500	345
06/14/2018	14	647	600	360
06/14/2018	15	642	600	355
06/14/2018	16	600	589	350
06/14/2018	17	550	450	336
06/14/2018	18	540	491	327
06/14/2018	19	560	460	336
06/14/2018	20	540	440	336
06/14/2018	21	530	420	332
06/14/2018	22	510	400	319
06/14/2018	23	500	390	305
06/14/2018	24	470	370	291
06/15/2018	1	540	445	268
06/15/2018	2	520	422	258
06/15/2018	3	500	420	252
06/15/2018	4	481	420	247
06/15/2018	5	463	420	246

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/15/2018	6	480	420	239
06/15/2018	7	480	400	247
06/15/2018	8	500	410	258
06/15/2018	9	520	420	279
06/15/2018	10	540	440	297
06/15/2018	11	580	480	312
06/15/2018	12	540	420	305
06/15/2018	13	520	400	302
06/15/2018	14	580	460	307
06/15/2018	15	560	440	304
06/15/2018	16	540	423	298
06/15/2018	17	500	400	290
06/15/2018	18	500	380	293
06/15/2018	19	541	440	313
06/15/2018	20	547	440	315
06/15/2018	21	530	420	312
06/15/2018	22	500	400	301
06/15/2018	23	496	380	283
06/15/2018	24	463	360	272
06/16/2018	1	520	420	251
06/16/2018	2	500	400	241
06/16/2018	3	470	380	235
06/16/2018	4	440	360	230
06/16/2018	5	460	400	228
06/16/2018	6	460	380	225
06/16/2018	7	480	407	242
06/16/2018	8	500	420	265
06/16/2018	9	520	446	292
06/16/2018	10	568	520	320
06/16/2018	11	600	590	330
06/16/2018	12	575	520	325
06/16/2018	13	540	500	324
06/16/2018	14	600	580	334
06/16/2018	15	600	557	328
06/16/2018	16	571	520	319
06/16/2018	17	540	451	307
06/16/2018	18	580	520	320
06/16/2018	19	600	550	327
06/16/2018	20	543	440	316
06/16/2018	21	520	420	309
06/16/2018	22	500	400	294
06/16/2018	23	480	380	264
06/16/2018	24	460	340	250
06/17/2018	1	550	456	265
06/17/2018	2	502	420	253
06/17/2018	3	497	420	246
06/17/2018	4	440	350	238
06/17/2018	5	454	350	237
06/17/2018	6	500	427	248
06/17/2018	7	500	410	257
06/17/2018	8	500	424	261
06/17/2018	9	520	450	268
06/17/2018	10	538	450	282
06/17/2018	11	550	456	293
06/17/2018	12	480	456	288
06/17/2018	13	460	456	287
06/17/2018	14	550	472	297
06/17/2018	15	520	456	290
06/17/2018	16	500	456	282
06/17/2018	17	480	456	278
06/17/2018	18	550	456	280
06/17/2018	19	618	480	303
06/17/2018	20	598	456	297
06/17/2018	21	530	456	287
06/17/2018	22	510	456	272

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/17/2018	23	500	456	251
06/17/2018	24	470	456	239
06/18/2018	1	540	456	241
06/18/2018	2	500	380	233
06/18/2018	3	470	400	226
06/18/2018	4	420	350	218
06/18/2018	5	450	350	217
06/18/2018	6	500	400	232
06/18/2018	7	451	410	241
06/18/2018	8	486	424	281
06/18/2018	9	520	450	328
06/18/2018	10	538	450	349
06/18/2018	11	550	456	360
06/18/2018	12	480	456	352
06/18/2018	13	460	456	352
06/18/2018	14	550	484	364
06/18/2018	15	520	472	360
06/18/2018	16	518	456	352
06/18/2018	17	480	456	335
06/18/2018	18	550	456	323
06/18/2018	19	580	456	333
06/18/2018	20	547	456	332
06/18/2018	21	530	456	329
06/18/2018	22	466	456	316
06/18/2018	23	500	456	302
06/18/2018	24	470	456	286
06/19/2018	1	647	580	294
06/19/2018	2	600	580	284
06/19/2018	3	580	550	274
06/19/2018	4	520	480	267
06/19/2018	5	550	550	267
06/19/2018	6	520	480	260
06/19/2018	7	600	593	271
06/19/2018	8	647	647	311
06/19/2018	9	647	647	347
06/19/2018	10	647	647	369
06/19/2018	11	647	647	382
06/19/2018	12	647	576	377
06/19/2018	13	647	630	379
06/19/2018	14	647	647	392
06/19/2018	15	647	647	382
06/19/2018	16	647	590	367
06/19/2018	17	580	560	351
06/19/2018	18	550	476	337
06/19/2018	19	580	516	351
06/19/2018	20	580	484	351
06/19/2018	21	580	484	348
06/19/2018	22	580	509	335
06/19/2018	23	580	524	320
06/19/2018	24	580	500	306
06/20/2018	1	647	580	316
06/20/2018	2	580	550	305
06/20/2018	3	550	500	296
06/20/2018	4	510	450	290
06/20/2018	5	520	455	290
06/20/2018	6	500	420	282
06/20/2018	7	647	441	292
06/20/2018	8	647	647	330
06/20/2018	9	647	647	369
06/20/2018	10	647	647	390
06/20/2018	11	647	647	400
06/20/2018	12	647	576	395
06/20/2018	13	647	647	392
06/20/2018	14	647	647	402
06/20/2018	15	647	647	396

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/20/2018	16	647	647	389
06/20/2018	17	647	647	375
06/20/2018	18	550	550	361
06/20/2018	19	580	550	374
06/20/2018	20	561	550	374
06/20/2018	21	555	527	370
06/20/2018	22	505	461	357
06/20/2018	23	585	520	342
06/20/2018	24	505	490	327
06/21/2018	1	647	580	309
06/21/2018	2	580	550	298
06/21/2018	3	550	520	290
06/21/2018	4	500	460	282
06/21/2018	5	550	480	285
06/21/2018	6	520	460	281
06/21/2018	7	580	550	291
06/21/2018	8	647	580	324
06/21/2018	9	647	647	361
06/21/2018	10	647	647	386
06/21/2018	11	647	647	398
06/21/2018	12	647	647	386
06/21/2018	13	647	647	385
06/21/2018	14	647	647	401
06/21/2018	15	647	647	399
06/21/2018	16	647	647	391
06/21/2018	17	580	534	374
06/21/2018	18	580	460	361
06/21/2018	19	647	587	374
06/21/2018	20	647	586	374
06/21/2018	21	647	553	370
06/21/2018	22	599	540	354
06/21/2018	23	550	526	339
06/21/2018	24	550	500	324
06/22/2018	1	647	580	311
06/22/2018	2	580	550	299
06/22/2018	3	550	515	290
06/22/2018	4	515	460	282
06/22/2018	5	550	480	280
06/22/2018	6	500	460	276
06/22/2018	7	510	500	286
06/22/2018	8	550	537	322
06/22/2018	9	647	580	358
06/22/2018	10	647	647	380
06/22/2018	11	647	647	391
06/22/2018	12	647	647	384
06/22/2018	13	647	647	383
06/22/2018	14	647	647	397
06/22/2018	15	647	647	392
06/22/2018	16	647	647	383
06/22/2018	17	580	550	366
06/22/2018	18	526	470	351
06/22/2018	19	582	550	362
06/22/2018	20	580	544	362
06/22/2018	21	580	540	360
06/22/2018	22	580	550	348
06/22/2018	23	625	550	335
06/22/2018	24	580	544	321
06/23/2018	1	580	554	299
06/23/2018	2	550	500	289
06/23/2018	3	537	480	282
06/23/2018	4	520	460	276
06/23/2018	5	520	479	273
06/23/2018	6	500	460	267
06/23/2018	7	480	420	275
06/23/2018	8	540	455	299

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/23/2018	9	560	480	325
06/23/2018	10	580	520	344
06/23/2018	11	600	540	347
06/23/2018	12	580	520	338
06/23/2018	13	560	500	339
06/23/2018	14	600	550	352
06/23/2018	15	580	530	343
06/23/2018	16	553	500	324
06/23/2018	17	540	480	317
06/23/2018	18	552	490	322
06/23/2018	19	580	530	333
06/23/2018	20	560	500	332
06/23/2018	21	547	480	322
06/23/2018	22	520	460	311
06/23/2018	23	500	456	296
06/23/2018	24	480	456	282
06/24/2018	1	594	550	277
06/24/2018	2	559	480	265
06/24/2018	3	484	460	258
06/24/2018	4	480	460	254
06/24/2018	5	550	480	253
06/24/2018	6	502	460	260
06/24/2018	7	580	500	269
06/24/2018	8	580	500	273
06/24/2018	9	585	502	286
06/24/2018	10	590	550	300
06/24/2018	11	647	572	311
06/24/2018	12	573	550	306
06/24/2018	13	550	491	305
06/24/2018	14	560	550	314
06/24/2018	15	520	515	308
06/24/2018	16	500	480	300
06/24/2018	17	500	460	296
06/24/2018	18	500	470	298
06/24/2018	19	580	532	321
06/24/2018	20	545	500	315
06/24/2018	21	580	540	305
06/24/2018	22	520	480	290
06/24/2018	23	500	456	269
06/24/2018	24	460	456	253
06/25/2018	1	600	550	306
06/25/2018	2	580	520	296
06/25/2018	3	550	480	286
06/25/2018	4	534	450	286
06/25/2018	5	503	420	279
06/25/2018	6	519	440	280
06/25/2018	7	500	456	288
06/25/2018	8	580	480	325
06/25/2018	9	585	500	360
06/25/2018	10	647	500	382
06/25/2018	11	647	647	393
06/25/2018	12	600	544	387
06/25/2018	13	647	523	388
06/25/2018	14	647	647	400
06/25/2018	15	647	647	399
06/25/2018	16	647	647	391
06/25/2018	17	584	500	373
06/25/2018	18	500	456	356
06/25/2018	19	647	481	370
06/25/2018	20	647	456	370
06/25/2018	21	647	481	368
06/25/2018	22	573	456	354
06/25/2018	23	550	456	340
06/25/2018	24	500	456	325
06/26/2018	1	600	550	306

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/26/2018	2	580	520	296
06/26/2018	3	550	480	286
06/26/2018	4	534	450	286
06/26/2018	5	503	420	279
06/26/2018	6	519	440	280
06/26/2018	7	500	456	288
06/26/2018	8	580	480	325
06/26/2018	9	585	500	360
06/26/2018	10	647	500	382
06/26/2018	11	647	647	393
06/26/2018	12	600	544	387
06/26/2018	13	647	523	388
06/26/2018	14	647	647	400
06/26/2018	15	647	647	399
06/26/2018	16	647	647	391
06/26/2018	17	584	500	373
06/26/2018	18	500	456	356
06/26/2018	19	647	481	370
06/26/2018	20	647	456	370
06/26/2018	21	647	481	368
06/26/2018	22	573	456	354
06/26/2018	23	550	456	340
06/26/2018	24	500	456	325
06/27/2018	1	600	560	293
06/27/2018	2	580	520	285
06/27/2018	3	550	480	275
06/27/2018	4	534	456	269
06/27/2018	5	503	456	273
06/27/2018	6	519	456	268
06/27/2018	7	500	456	280
06/27/2018	8	580	480	311
06/27/2018	9	585	500	345
06/27/2018	10	647	500	364
06/27/2018	11	647	568	373
06/27/2018	12	647	561	373
06/27/2018	13	595	550	370
06/27/2018	14	647	647	382
06/27/2018	15	647	576	373
06/27/2018	16	580	536	364
06/27/2018	17	550	456	345
06/27/2018	18	550	456	337
06/27/2018	19	566	456	339
06/27/2018	20	568	456	335
06/27/2018	21	564	456	330
06/27/2018	22	500	456	314
06/27/2018	23	483	456	300
06/27/2018	24	456	450	286
06/28/2018	1	647	580	303
06/28/2018	2	590	550	284
06/28/2018	3	550	500	273
06/28/2018	4	548	472	269
06/28/2018	5	550	548	275
06/28/2018	6	548	440	265
06/28/2018	7	548	420	282
06/28/2018	8	548	480	319
06/28/2018	9	647	548	356
06/28/2018	10	647	647	379
06/28/2018	11	647	647	390
06/28/2018	12	647	647	382
06/28/2018	13	647	647	383
06/28/2018	14	647	647	396
06/28/2018	15	647	647	392
06/28/2018	16	647	647	381
06/28/2018	17	647	619	363
06/28/2018	18	580	543	351

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/28/2018	19	590	550	360
06/28/2018	20	583	550	360
06/28/2018	21	550	500	355
06/28/2018	22	550	497	348
06/28/2018	23	550	498	327
06/28/2018	24	456	450	306
06/29/2018	1	580	540	283
06/29/2018	2	530	492	275
06/29/2018	3	500	428	268
06/29/2018	4	480	420	265
06/29/2018	5	550	441	269
06/29/2018	6	536	421	267
06/29/2018	7	500	420	265
06/29/2018	8	550	450	315
06/29/2018	9	573	480	353
06/29/2018	10	620	580	374
06/29/2018	11	647	647	383
06/29/2018	12	647	555	378
06/29/2018	13	647	582	378
06/29/2018	14	647	647	392
06/29/2018	15	647	647	391
06/29/2018	16	647	647	381
06/29/2018	17	647	647	367
06/29/2018	18	580	520	357
06/29/2018	19	560	500	357
06/29/2018	20	522	480	354
06/29/2018	21	500	480	349
06/29/2018	22	490	456	331
06/29/2018	23	490	456	316
06/29/2018	24	456	420	301
06/30/2018	1	580	545	294
06/30/2018	2	560	512	289
06/30/2018	3	540	476	280
06/30/2018	4	510	435	272
06/30/2018	5	520	423	269
06/30/2018	6	520	404	266
06/30/2018	7	540	425	268
06/30/2018	8	570	490	299
06/30/2018	9	647	584	331
06/30/2018	10	647	600	355
06/30/2018	11	647	647	366
06/30/2018	12	647	647	362
06/30/2018	13	647	647	362
06/30/2018	14	647	647	368
06/30/2018	15	647	647	365
06/30/2018	16	647	632	353
06/30/2018	17	647	581	336
06/30/2018	18	590	520	332
06/30/2018	19	647	585	346
06/30/2018	20	647	597	349
06/30/2018	21	600	528	343
06/30/2018	22	560	456	333
06/30/2018	23	560	470	311
06/30/2018	24	540	456	302
07/01/2018	1	600	580	279
07/01/2018	2	560	500	267
07/01/2018	3	510	450	260
07/01/2018	4	480	420	256
07/01/2018	5	537	440	255
07/01/2018	6	550	450	262
07/01/2018	7	550	456	271
07/01/2018	8	550	456	275
07/01/2018	9	550	456	288
07/01/2018	10	564	460	302
07/01/2018	11	647	507	313

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/01/2018	12	539	456	308
07/01/2018	13	550	456	307
07/01/2018	14	647	552	317
07/01/2018	15	580	490	310
07/01/2018	16	550	456	302
07/01/2018	17	550	456	298
07/01/2018	18	647	556	300
07/01/2018	19	647	647	323
07/01/2018	20	647	647	317
07/01/2018	21	647	558	307
07/01/2018	22	524	456	292
07/01/2018	23	500	456	275
07/01/2018	24	480	456	259
07/02/2018	1	580	540	251
07/02/2018	2	540	500	241
07/02/2018	3	500	450	234
07/02/2018	4	480	380	226
07/02/2018	5	470	380	225
07/02/2018	6	500	400	240
07/02/2018	7	550	456	269
07/02/2018	8	550	456	305
07/02/2018	9	647	580	354
07/02/2018	10	647	614	376
07/02/2018	11	647	647	391
07/02/2018	12	647	647	381
07/02/2018	13	647	647	384
07/02/2018	14	647	647	393
07/02/2018	15	647	647	390
07/02/2018	16	647	647	379
07/02/2018	17	647	647	366
07/02/2018	18	647	561	356
07/02/2018	19	647	580	363
07/02/2018	20	588	550	360
07/02/2018	21	550	500	350
07/02/2018	22	509	460	333
07/02/2018	23	500	456	316
07/02/2018	24	490	456	300
07/03/2018	1	647	550	285
07/03/2018	2	580	520	275
07/03/2018	3	550	480	267
07/03/2018	4	520	450	262
07/03/2018	5	550	460	269
07/03/2018	6	580	480	275
07/03/2018	7	580	490	287
07/03/2018	8	550	456	320
07/03/2018	9	647	591	357
07/03/2018	10	647	600	376
07/03/2018	11	647	647	388
07/03/2018	12	580	550	375
07/03/2018	13	550	527	373
07/03/2018	14	647	647	387
07/03/2018	15	647	549	382
07/03/2018	16	647	562	376
07/03/2018	17	580	500	362
07/03/2018	18	535	456	351
07/03/2018	19	550	460	366
07/03/2018	20	550	456	366
07/03/2018	21	550	456	362
07/03/2018	22	480	456	347
07/03/2018	23	520	491	333
07/03/2018	24	470	456	318
07/04/2018	1	600	550	306
07/04/2018	2	560	500	297
07/04/2018	3	520	460	287
07/04/2018	4	480	456	281

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/04/2018	5	500	456	284
07/04/2018	6	550	460	280
07/04/2018	7	580	490	287
07/04/2018	8	550	456	324
07/04/2018	9	647	647	361
07/04/2018	10	647	647	380
07/04/2018	11	647	647	390
07/04/2018	12	647	647	383
07/04/2018	13	647	647	385
07/04/2018	14	647	647	397
07/04/2018	15	647	647	390
07/04/2018	16	647	647	380
07/04/2018	17	580	500	360
07/04/2018	18	530	456	352
07/04/2018	19	550	460	363
07/04/2018	20	540	456	360
07/04/2018	21	490	456	349
07/04/2018	22	480	456	336
07/04/2018	23	501	456	320
07/04/2018	24	456	437	298
07/05/2018	1	580	550	290
07/05/2018	2	560	500	281
07/05/2018	3	520	450	275
07/05/2018	4	480	420	270
07/05/2018	5	500	451	276
07/05/2018	6	550	460	274
07/05/2018	7	580	490	286
07/05/2018	8	550	450	321
07/05/2018	9	580	550	354
07/05/2018	10	647	589	377
07/05/2018	11	647	647	390
07/05/2018	12	647	647	382
07/05/2018	13	647	647	383
07/05/2018	14	647	647	397
07/05/2018	15	647	647	394
07/05/2018	16	647	647	386
07/05/2018	17	647	546	366
07/05/2018	18	550	460	357
07/05/2018	19	596	500	366
07/05/2018	20	551	500	366
07/05/2018	21	540	456	363
07/05/2018	22	480	456	347
07/05/2018	23	501	456	331
07/05/2018	24	456	446	314
07/06/2018	1	550	503	298
07/06/2018	2	520	480	289
07/06/2018	3	480	423	281
07/06/2018	4	460	416	276
07/06/2018	5	480	416	278
07/06/2018	6	477	416	273
07/06/2018	7	540	423	280
07/06/2018	8	541	432	311
07/06/2018	9	550	510	345
07/06/2018	10	647	574	367
07/06/2018	11	647	647	381
07/06/2018	12	647	647	370
07/06/2018	13	647	647	371
07/06/2018	14	647	647	380
07/06/2018	15	647	647	377
07/06/2018	16	647	642	369
07/06/2018	17	647	579	359
07/06/2018	18	550	460	352
07/06/2018	19	604	500	367
07/06/2018	20	559	500	366
07/06/2018	21	583	480	362

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/06/2018	22	480	456	347
07/06/2018	23	501	456	331
07/06/2018	24	480	456	316
07/07/2018	1	546	500	306
07/07/2018	2	520	480	299
07/07/2018	3	500	460	291
07/07/2018	4	480	450	283
07/07/2018	5	504	430	276
07/07/2018	6	520	442	274
07/07/2018	7	540	465	274
07/07/2018	8	560	490	303
07/07/2018	9	580	528	331
07/07/2018	10	600	557	354
07/07/2018	11	647	647	364
07/07/2018	12	600	580	354
07/07/2018	13	580	550	350
07/07/2018	14	647	582	360
07/07/2018	15	600	560	353
07/07/2018	16	580	540	343
07/07/2018	17	560	500	332
07/07/2018	18	566	480	333
07/07/2018	19	620	560	352
07/07/2018	20	600	530	350
07/07/2018	21	580	510	347
07/07/2018	22	560	480	336
07/07/2018	23	600	515	318
07/07/2018	24	580	480	307
07/08/2018	1	456	416	283
07/08/2018	2	456	416	271
07/08/2018	3	456	416	264
07/08/2018	4	456	416	260
07/08/2018	5	456	440	259
07/08/2018	6	500	456	266
07/08/2018	7	530	456	275
07/08/2018	8	512	456	279
07/08/2018	9	550	456	298
07/08/2018	10	550	456	312
07/08/2018	11	550	456	322
07/08/2018	12	520	456	317
07/08/2018	13	520	456	316
07/08/2018	14	520	456	326
07/08/2018	15	500	456	320
07/08/2018	16	480	456	311
07/08/2018	17	470	456	307
07/08/2018	18	500	456	309
07/08/2018	19	647	550	332
07/08/2018	20	557	500	326
07/08/2018	21	520	462	316
07/08/2018	22	500	456	301
07/08/2018	23	480	456	285
07/08/2018	24	456	450	268
07/09/2018	1	550	450	259
07/09/2018	2	520	440	249
07/09/2018	3	500	416	242
07/09/2018	4	480	416	234
07/09/2018	5	470	416	233
07/09/2018	6	500	420	248
07/09/2018	7	530	450	277
07/09/2018	8	512	456	313
07/09/2018	9	580	520	352
07/09/2018	10	647	647	373
07/09/2018	11	647	647	386
07/09/2018	12	603	580	378
07/09/2018	13	607	580	378
07/09/2018	14	647	647	389

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/09/2018	15	647	633	381
07/09/2018	16	647	553	373
07/09/2018	17	647	556	358
07/09/2018	18	580	550	348
07/09/2018	19	647	594	362
07/09/2018	20	647	589	362
07/09/2018	21	647	641	356
07/09/2018	22	647	647	340
07/09/2018	23	550	529	324
07/09/2018	24	480	456	308
07/10/2018	1	647	550	297
07/10/2018	2	580	500	286
07/10/2018	3	550	480	278
07/10/2018	4	520	456	274
07/10/2018	5	550	470	279
07/10/2018	6	580	460	276
07/10/2018	7	543	456	277
07/10/2018	8	523	480	322
07/10/2018	9	647	616	359
07/10/2018	10	647	647	377
07/10/2018	11	647	647	392
07/10/2018	12	647	647	382
07/10/2018	13	647	570	377
07/10/2018	14	647	647	388
07/10/2018	15	647	647	386
07/10/2018	16	647	647	381
07/10/2018	17	647	647	367
07/10/2018	18	580	540	354
07/10/2018	19	647	647	369
07/10/2018	20	647	647	367
07/10/2018	21	647	647	360
07/10/2018	22	647	565	347
07/10/2018	23	520	499	326
07/10/2018	24	520	483	312
07/11/2018	1	600	515	292
07/11/2018	2	570	500	282
07/11/2018	3	550	480	272
07/11/2018	4	520	450	268
07/11/2018	5	550	470	271
07/11/2018	6	580	460	268
07/11/2018	7	543	450	272
07/11/2018	8	523	480	310
07/11/2018	9	647	616	343
07/11/2018	10	647	647	364
07/11/2018	11	647	647	375
07/11/2018	12	647	638	368
07/11/2018	13	647	647	370
07/11/2018	14	647	647	372
07/11/2018	15	647	553	367
07/11/2018	16	647	629	364
07/11/2018	17	647	647	353
07/11/2018	18	511	500	343
07/11/2018	19	580	556	352
07/11/2018	20	564	520	350
07/11/2018	21	528	480	344
07/11/2018	22	489	456	329
07/11/2018	23	480	456	312
07/11/2018	24	456	450	297
07/12/2018	1	560	480	285
07/12/2018	2	500	450	276
07/12/2018	3	464	441	268
07/12/2018	4	440	420	263
07/12/2018	5	513	420	268
07/12/2018	6	480	420	266
07/12/2018	7	471	420	270

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/12/2018	8	481	421	311
07/12/2018	9	580	500	347
07/12/2018	10	619	480	368
07/12/2018	11	647	480	380
07/12/2018	12	580	517	375
07/12/2018	13	647	496	373
07/12/2018	14	647	593	385
07/12/2018	15	647	532	378
07/12/2018	16	647	530	373
07/12/2018	17	580	458	357
07/12/2018	18	538	456	345
07/12/2018	19	550	456	358
07/12/2018	20	520	456	358
07/12/2018	21	550	456	353
07/12/2018	22	489	456	338
07/12/2018	23	500	460	322
07/12/2018	24	480	456	306
07/13/2018	1	580	470	287
07/13/2018	2	550	440	277
07/13/2018	3	500	420	270
07/13/2018	4	470	420	265
07/13/2018	5	500	430	268
07/13/2018	6	467	420	268
07/13/2018	7	500	443	273
07/13/2018	8	468	450	311
07/13/2018	9	580	500	347
07/13/2018	10	647	629	367
07/13/2018	11	647	628	380
07/13/2018	12	580	550	373
07/13/2018	13	541	520	370
07/13/2018	14	647	647	381
07/13/2018	15	647	588	372
07/13/2018	16	647	508	363
07/13/2018	17	580	458	350
07/13/2018	18	550	456	340
07/13/2018	19	580	456	352
07/13/2018	20	564	456	353
07/13/2018	21	463	456	347
07/13/2018	22	480	456	333
07/13/2018	23	500	456	318
07/13/2018	24	500	456	301
07/14/2018	1	537	416	253
07/14/2018	2	450	416	244
07/14/2018	3	420	416	236
07/14/2018	4	416	400	231
07/14/2018	5	430	416	236
07/14/2018	6	416	380	234
07/14/2018	7	450	416	238
07/14/2018	8	516	416	279
07/14/2018	9	647	456	336
07/14/2018	10	647	456	364
07/14/2018	11	647	456	377
07/14/2018	12	647	456	370
07/14/2018	13	647	456	367
07/14/2018	14	647	456	378
07/14/2018	15	580	456	369
07/14/2018	16	580	456	360
07/14/2018	17	541	456	347
07/14/2018	18	510	456	337
07/14/2018	19	520	456	341
07/14/2018	20	550	456	350
07/14/2018	21	580	456	344
07/14/2018	22	500	456	330
07/14/2018	23	456	420	315
07/14/2018	24	456	416	298

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/15/2018	1	580	420	279
07/15/2018	2	468	420	267
07/15/2018	3	420	420	260
07/15/2018	4	420	416	256
07/15/2018	5	430	420	255
07/15/2018	6	420	416	262
07/15/2018	7	450	420	271
07/15/2018	8	450	420	275
07/15/2018	9	450	420	287
07/15/2018	10	456	450	297
07/15/2018	11	504	456	308
07/15/2018	12	456	450	303
07/15/2018	13	456	450	302
07/15/2018	14	501	456	311
07/15/2018	15	456	450	305
07/15/2018	16	456	450	297
07/15/2018	17	456	450	293
07/15/2018	18	456	420	295
07/15/2018	19	534	456	314
07/15/2018	20	500	456	308
07/15/2018	21	480	456	298
07/15/2018	22	456	450	283
07/15/2018	23	456	420	270
07/15/2018	24	456	416	254
07/16/2018	1	537	416	253
07/16/2018	2	450	416	244
07/16/2018	3	420	416	236
07/16/2018	4	416	400	231
07/16/2018	5	430	416	236
07/16/2018	6	416	380	234
07/16/2018	7	450	416	238
07/16/2018	8	516	416	279
07/16/2018	9	647	456	336
07/16/2018	10	647	456	364
07/16/2018	11	647	456	377
07/16/2018	12	647	456	370
07/16/2018	13	647	456	367
07/16/2018	14	647	456	378
07/16/2018	15	580	456	369
07/16/2018	16	580	456	360
07/16/2018	17	541	456	347
07/16/2018	18	510	456	337
07/16/2018	19	520	456	341
07/16/2018	20	550	456	350
07/16/2018	21	580	456	344
07/16/2018	22	500	456	330
07/16/2018	23	456	420	315
07/16/2018	24	456	416	298
07/17/2018	1	500	480	278
07/17/2018	2	470	450	269
07/17/2018	3	420	416	260
07/17/2018	4	416	400	252
07/17/2018	5	450	416	259
07/17/2018	6	460	420	263
07/17/2018	7	470	430	277
07/17/2018	8	451	421	305
07/17/2018	9	550	456	336
07/17/2018	10	647	467	358
07/17/2018	11	647	647	371
07/17/2018	12	647	561	362
07/17/2018	13	647	596	364
07/17/2018	14	647	647	374
07/17/2018	15	647	647	371
07/17/2018	16	647	647	366
07/17/2018	17	550	489	351

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/17/2018	18	456	450	341
07/17/2018	19	550	456	350
07/17/2018	20	500	456	350
07/17/2018	21	456	420	343
07/17/2018	22	456	420	328
07/17/2018	23	456	420	311
07/17/2018	24	456	400	295
07/18/2018	1	450	380	268
07/18/2018	2	430	360	259
07/18/2018	3	400	350	251
07/18/2018	4	380	350	247
07/18/2018	5	360	350	252
07/18/2018	6	350	340	250
07/18/2018	7	350	320	257
07/18/2018	8	422	416	292
07/18/2018	9	450	416	325
07/18/2018	10	480	420	344
07/18/2018	11	520	456	355
07/18/2018	12	509	456	351
07/18/2018	13	500	456	351
07/18/2018	14	600	527	362
07/18/2018	15	560	480	356
07/18/2018	16	550	480	346
07/18/2018	17	505	456	332
07/18/2018	18	500	456	322
07/18/2018	19	520	456	330
07/18/2018	20	500	456	328
07/18/2018	21	480	456	322
07/18/2018	22	460	456	308
07/18/2018	23	440	430	292
07/18/2018	24	400	400	276
07/19/2018	1	515	450	273
07/19/2018	2	470	410	265
07/19/2018	3	430	400	256
07/19/2018	4	420	350	254
07/19/2018	5	450	380	259
07/19/2018	6	486	400	260
07/19/2018	7	486	400	267
07/19/2018	8	500	416	297
07/19/2018	9	500	416	328
07/19/2018	10	500	456	347
07/19/2018	11	519	456	360
07/19/2018	12	489	456	348
07/19/2018	13	456	450	344
07/19/2018	14	550	456	353
07/19/2018	15	534	456	350
07/19/2018	16	549	456	344
07/19/2018	17	520	456	332
07/19/2018	18	510	456	327
07/19/2018	19	530	456	336
07/19/2018	20	509	456	335
07/19/2018	21	477	456	328
07/19/2018	22	460	456	312
07/19/2018	23	440	430	295
07/19/2018	24	400	400	279
07/20/2018	1	550	443	280
07/20/2018	2	508	430	269
07/20/2018	3	457	420	265
07/20/2018	4	420	420	257
07/20/2018	5	450	420	263
07/20/2018	6	450	420	265
07/20/2018	7	470	420	272
07/20/2018	8	550	420	308
07/20/2018	9	647	565	341
07/20/2018	10	647	622	362

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/20/2018	11	647	647	376
07/20/2018	12	647	610	369
07/20/2018	13	647	647	370
07/20/2018	14	647	647	382
07/20/2018	15	647	647	376
07/20/2018	16	647	647	369
07/20/2018	17	580	550	354
07/20/2018	18	500	456	342
07/20/2018	19	550	500	352
07/20/2018	20	550	500	350
07/20/2018	21	480	480	345
07/20/2018	22	456	450	328
07/20/2018	23	456	450	308
07/20/2018	24	456	420	293
07/21/2018	1	444	420	281
07/21/2018	2	400	400	271
07/21/2018	3	380	380	264
07/21/2018	4	360	350	257
07/21/2018	5	362	350	254
07/21/2018	6	355	350	248
07/21/2018	7	350	350	254
07/21/2018	8	350	350	275
07/21/2018	9	380	350	301
07/21/2018	10	430	400	324
07/21/2018	11	460	456	335
07/21/2018	12	456	440	327
07/21/2018	13	485	456	324
07/21/2018	14	500	456	335
07/21/2018	15	463	456	330
07/21/2018	16	460	456	322
07/21/2018	17	413	400	310
07/21/2018	18	456	409	309
07/21/2018	19	456	448	324
07/21/2018	20	456	430	325
07/21/2018	21	456	400	322
07/21/2018	22	480	456	314
07/21/2018	23	460	456	300
07/21/2018	24	456	400	282
07/22/2018	1	550	490	278
07/22/2018	2	520	472	266
07/22/2018	3	481	450	258
07/22/2018	4	480	450	254
07/22/2018	5	472	450	253
07/22/2018	6	483	420	260
07/22/2018	7	550	450	270
07/22/2018	8	550	416	274
07/22/2018	9	560	416	283
07/22/2018	10	570	456	293
07/22/2018	11	580	456	304
07/22/2018	12	541	456	299
07/22/2018	13	500	456	298
07/22/2018	14	525	456	307
07/22/2018	15	520	456	301
07/22/2018	16	496	456	293
07/22/2018	17	456	450	289
07/22/2018	18	456	450	291
07/22/2018	19	487	456	310
07/22/2018	20	475	456	304
07/22/2018	21	473	456	294
07/22/2018	22	469	456	279
07/22/2018	23	456	420	266
07/22/2018	24	456	420	250
07/23/2018	1	530	456	251
07/23/2018	2	480	420	242
07/23/2018	3	451	400	234

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/23/2018	4	450	400	229
07/23/2018	5	460	420	234
07/23/2018	6	450	416	233
07/23/2018	7	480	416	245
07/23/2018	8	550	416	286
07/23/2018	9	560	416	333
07/23/2018	10	570	456	361
07/23/2018	11	647	496	374
07/23/2018	12	541	456	367
07/23/2018	13	500	456	364
07/23/2018	14	647	456	375
07/23/2018	15	566	456	366
07/23/2018	16	550	456	357
07/23/2018	17	456	450	344
07/23/2018	18	456	450	334
07/23/2018	19	456	450	338
07/23/2018	20	456	450	347
07/23/2018	21	456	449	342
07/23/2018	22	456	447	327
07/23/2018	23	456	420	312
07/23/2018	24	456	420	295
07/24/2018	1	580	350	264
07/24/2018	2	550	350	255
07/24/2018	3	543	350	248
07/24/2018	4	480	350	243
07/24/2018	5	498	350	248
07/24/2018	6	474	350	247
07/24/2018	7	530	350	253
07/24/2018	8	500	350	286
07/24/2018	9	480	456	320
07/24/2018	10	470	456	338
07/24/2018	11	520	456	348
07/24/2018	12	460	456	339
07/24/2018	13	456	450	339
07/24/2018	14	478	456	351
07/24/2018	15	456	447	349
07/24/2018	16	470	456	341
07/24/2018	17	456	420	326
07/24/2018	18	456	420	316
07/24/2018	19	456	443	328
07/24/2018	20	456	430	327
07/24/2018	21	459	456	323
07/24/2018	22	456	450	310
07/24/2018	23	456	450	293
07/24/2018	24	456	450	280
07/25/2018	1	520	380	265
07/25/2018	2	500	350	256
07/25/2018	3	450	350	248
07/25/2018	4	420	350	245
07/25/2018	5	440	380	250
07/25/2018	6	450	350	250
07/25/2018	7	460	350	259
07/25/2018	8	500	350	290
07/25/2018	9	480	456	322
07/25/2018	10	470	456	342
07/25/2018	11	520	456	352
07/25/2018	12	460	456	345
07/25/2018	13	467	456	344
07/25/2018	14	478	456	354
07/25/2018	15	456	447	348
07/25/2018	16	470	456	342
07/25/2018	17	456	420	330
07/25/2018	18	456	420	321
07/25/2018	19	456	443	330
07/25/2018	20	456	430	329

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/25/2018	21	459	456	321
07/25/2018	22	456	450	305
07/25/2018	23	456	450	289
07/25/2018	24	456	450	274
07/26/2018	1	512	460	278
07/26/2018	2	500	458	270
07/26/2018	3	480	350	263
07/26/2018	4	450	350	259
07/26/2018	5	500	379	265
07/26/2018	6	490	380	264
07/26/2018	7	550	380	272
07/26/2018	8	600	456	308
07/26/2018	9	600	456	339
07/26/2018	10	600	456	360
07/26/2018	11	600	456	370
07/26/2018	12	600	456	363
07/26/2018	13	600	456	361
07/26/2018	14	600	456	374
07/26/2018	15	600	456	369
07/26/2018	16	550	456	365
07/26/2018	17	550	456	352
07/26/2018	18	460	456	346
07/26/2018	19	550	456	354
07/26/2018	20	509	456	350
07/26/2018	21	480	456	345
07/26/2018	22	470	456	328
07/26/2018	23	470	456	312
07/26/2018	24	550	456	296
07/27/2018	1	589	420	287
07/27/2018	2	500	420	279
07/27/2018	3	480	420	272
07/27/2018	4	465	350	269
07/27/2018	5	500	366	275
07/27/2018	6	490	416	274
07/27/2018	7	550	416	293
07/27/2018	8	600	456	311
07/27/2018	9	600	456	349
07/27/2018	10	600	456	372
07/27/2018	11	600	456	380
07/27/2018	12	600	456	375
07/27/2018	13	600	456	370
07/27/2018	14	600	456	382
07/27/2018	15	600	456	376
07/27/2018	16	500	456	368
07/27/2018	17	480	456	359
07/27/2018	18	456	450	354
07/27/2018	19	550	456	364
07/27/2018	20	533	456	360
07/27/2018	21	480	456	354
07/27/2018	22	470	456	332
07/27/2018	23	470	456	313
07/27/2018	24	550	456	301
07/28/2018	1	400	330	263
07/28/2018	2	360	350	255
07/28/2018	3	350	300	245
07/28/2018	4	350	300	244
07/28/2018	5	300	300	244
07/28/2018	6	300	300	242
07/28/2018	7	300	300	250
07/28/2018	8	380	370	274
07/28/2018	9	420	384	303
07/28/2018	10	450	406	320
07/28/2018	11	476	400	331
07/28/2018	12	450	360	323
07/28/2018	13	500	360	320

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/28/2018	14	500	369	330
07/28/2018	15	471	347	325
07/28/2018	16	400	350	314
07/28/2018	17	350	300	304
07/28/2018	18	350	308	305
07/28/2018	19	400	326	318
07/28/2018	20	388	360	319
07/28/2018	21	300	300	314
07/28/2018	22	330	300	305
07/28/2018	23	330	308	314
07/28/2018	24	350	330	297
07/29/2018	1	510	400	278
07/29/2018	2	480	400	266
07/29/2018	3	450	360	259
07/29/2018	4	422	350	254
07/29/2018	5	432	420	254
07/29/2018	6	504	430	260
07/29/2018	7	498	430	270
07/29/2018	8	500	357	274
07/29/2018	9	500	350	285
07/29/2018	10	500	456	295
07/29/2018	11	563	456	305
07/29/2018	12	478	456	300
07/29/2018	13	456	452	299
07/29/2018	14	539	456	309
07/29/2018	15	500	456	303
07/29/2018	16	456	420	294
07/29/2018	17	456	420	290
07/29/2018	18	456	420	292
07/29/2018	19	500	456	311
07/29/2018	20	470	456	305
07/29/2018	21	456	450	295
07/29/2018	22	456	440	280
07/29/2018	23	456	420	268
07/29/2018	24	456	400	251
07/30/2018	1	492	450	252
07/30/2018	2	450	400	242
07/30/2018	3	410	380	234
07/30/2018	4	430	360	230
07/30/2018	5	440	420	234
07/30/2018	6	461	400	233
07/30/2018	7	500	430	245
07/30/2018	8	510	400	286
07/30/2018	9	520	456	335
07/30/2018	10	530	456	363
07/30/2018	11	565	456	376
07/30/2018	12	500	456	369
07/30/2018	13	528	456	366
07/30/2018	14	580	456	377
07/30/2018	15	647	456	367
07/30/2018	16	500	456	359
07/30/2018	17	456	450	345
07/30/2018	18	456	420	335
07/30/2018	19	550	456	340
07/30/2018	20	470	456	349
07/30/2018	21	456	450	343
07/30/2018	22	456	440	329
07/30/2018	23	456	420	314
07/30/2018	24	456	400	297
07/31/2018	1	544	420	282
07/31/2018	2	500	398	271
07/31/2018	3	492	350	265
07/31/2018	4	487	350	259
07/31/2018	5	473	400	266
07/31/2018	6	455	400	270

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/31/2018	7	458	350	276
07/31/2018	8	510	420	310
07/31/2018	9	520	456	343
07/31/2018	10	540	456	364
07/31/2018	11	560	456	375
07/31/2018	12	500	456	362
07/31/2018	13	480	456	358
07/31/2018	14	550	456	367
07/31/2018	15	547	456	364
07/31/2018	16	500	456	359
07/31/2018	17	480	456	349
07/31/2018	18	456	450	344
07/31/2018	19	550	456	351
07/31/2018	20	470	456	347
07/31/2018	21	456	434	339
07/31/2018	22	456	447	320
07/31/2018	23	456	420	303
07/31/2018	24	456	400	287
08/01/2018	1	600	500	298
08/01/2018	2	539	480	288
08/01/2018	3	500	420	280
08/01/2018	4	450	420	276
08/01/2018	5	491	420	280
08/01/2018	6	450	420	280
08/01/2018	7	420	412	286
08/01/2018	8	510	420	322
08/01/2018	9	520	456	356
08/01/2018	10	540	456	372
08/01/2018	11	588	486	385
08/01/2018	12	500	456	376
08/01/2018	13	480	456	374
08/01/2018	14	580	459	385
08/01/2018	15	547	456	382
08/01/2018	16	510	456	376
08/01/2018	17	480	456	364
08/01/2018	18	456	450	354
08/01/2018	19	515	456	365
08/01/2018	20	509	456	365
08/01/2018	21	456	434	356
08/01/2018	22	467	456	340
08/01/2018	23	459	456	321
08/01/2018	24	456	400	303
08/02/2018	1	502	456	290
08/02/2018	2	500	420	282
08/02/2018	3	421	352	274
08/02/2018	4	401	352	269
08/02/2018	5	450	375	277
08/02/2018	6	486	380	276
08/02/2018	7	490	352	282
08/02/2018	8	510	352	320
08/02/2018	9	612	456	354
08/02/2018	10	647	532	376
08/02/2018	11	647	565	387
08/02/2018	12	500	483	376
08/02/2018	13	480	456	369
08/02/2018	14	580	482	379
08/02/2018	15	547	456	375
08/02/2018	16	510	456	369
08/02/2018	17	502	456	357
08/02/2018	18	456	450	351
08/02/2018	19	515	456	360
08/02/2018	20	480	456	358
08/02/2018	21	456	450	348
08/02/2018	22	456	420	331
08/02/2018	23	456	412	312

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/02/2018	24	456	400	295
08/03/2018	1	580	470	293
08/03/2018	2	565	450	286
08/03/2018	3	500	410	275
08/03/2018	4	460	400	272
08/03/2018	5	480	420	276
08/03/2018	6	500	440	276
08/03/2018	7	520	460	283
08/03/2018	8	580	500	325
08/03/2018	9	590	480	356
08/03/2018	10	647	550	377
08/03/2018	11	647	583	389
08/03/2018	12	550	461	379
08/03/2018	13	564	456	374
08/03/2018	14	647	647	392
08/03/2018	15	600	547	386
08/03/2018	16	510	477	381
08/03/2018	17	502	456	361
08/03/2018	18	456	450	347
08/03/2018	19	567	456	364
08/03/2018	20	532	456	365
08/03/2018	21	502	456	358
08/03/2018	22	502	456	344
08/03/2018	23	464	456	325
08/03/2018	24	456	452	309
08/04/2018	1	586	450	284
08/04/2018	2	549	425	276
08/04/2018	3	520	400	269
08/04/2018	4	525	400	266
08/04/2018	5	531	420	266
08/04/2018	6	514	420	263
08/04/2018	7	522	450	271
08/04/2018	8	558	450	283
08/04/2018	9	574	450	304
08/04/2018	10	580	470	323
08/04/2018	11	592	500	340
08/04/2018	12	500	450	336
08/04/2018	13	480	451	339
08/04/2018	14	600	480	346
08/04/2018	15	533	456	338
08/04/2018	16	510	420	329
08/04/2018	17	462	443	321
08/04/2018	18	438	435	321
08/04/2018	19	473	456	333
08/04/2018	20	471	456	333
08/04/2018	21	456	417	329
08/04/2018	22	456	414	319
08/04/2018	23	456	400	310
08/04/2018	24	452	412	302
08/05/2018	1	520	450	280
08/05/2018	2	500	418	267
08/05/2018	3	480	410	260
08/05/2018	4	460	406	256
08/05/2018	5	480	420	255
08/05/2018	6	500	440	262
08/05/2018	7	530	450	271
08/05/2018	8	520	451	275
08/05/2018	9	530	456	292
08/05/2018	10	546	456	302
08/05/2018	11	590	456	312
08/05/2018	12	456	450	307
08/05/2018	13	456	420	306
08/05/2018	14	520	456	316
08/05/2018	15	516	456	310
08/05/2018	16	456	448	301

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/05/2018	17	456	430	298
08/05/2018	18	456	426	300
08/05/2018	19	542	456	318
08/05/2018	20	489	456	313
08/05/2018	21	456	400	303
08/05/2018	22	493	456	288
08/05/2018	23	464	456	275
08/05/2018	24	456	452	258
08/06/2018	1	511	450	254
08/06/2018	2	470	420	244
08/06/2018	3	465	420	236
08/06/2018	4	460	353	232
08/06/2018	5	480	420	236
08/06/2018	6	500	440	235
08/06/2018	7	530	450	247
08/06/2018	8	520	451	288
08/06/2018	9	530	456	337
08/06/2018	10	546	518	364
08/06/2018	11	647	547	378
08/06/2018	12	529	456	371
08/06/2018	13	456	451	368
08/06/2018	14	520	456	378
08/06/2018	15	516	456	369
08/06/2018	16	500	456	361
08/06/2018	17	456	430	347
08/06/2018	18	456	426	337
08/06/2018	19	520	456	352
08/06/2018	20	480	456	351
08/06/2018	21	456	420	345
08/06/2018	22	493	456	331
08/06/2018	23	460	456	316
08/06/2018	24	456	450	299
08/07/2018	1	550	480	291
08/07/2018	2	542	470	282
08/07/2018	3	500	450	274
08/07/2018	4	480	402	266
08/07/2018	5	562	500	270
08/07/2018	6	580	520	275
08/07/2018	7	530	450	272
08/07/2018	8	520	451	316
08/07/2018	9	533	452	350
08/07/2018	10	599	518	373
08/07/2018	11	647	647	385
08/07/2018	12	550	500	376
08/07/2018	13	456	451	378
08/07/2018	14	647	539	389
08/07/2018	15	570	471	385
08/07/2018	16	500	456	380
08/07/2018	17	480	456	362
08/07/2018	18	456	450	350
08/07/2018	19	550	456	362
08/07/2018	20	552	456	364
08/07/2018	21	500	456	356
08/07/2018	22	456	420	342
08/07/2018	23	456	400	324
08/07/2018	24	456	400	307
08/08/2018	1	550	520	292
08/08/2018	2	530	450	279
08/08/2018	3	500	450	272
08/08/2018	4	480	402	267
08/08/2018	5	562	500	273
08/08/2018	6	542	520	275
08/08/2018	7	476	450	269
08/08/2018	8	520	451	312
08/08/2018	9	520	450	347

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/08/2018	10	550	494	371
08/08/2018	11	647	579	384
08/08/2018	12	550	531	378
08/08/2018	13	463	456	376
08/08/2018	14	647	539	388
08/08/2018	15	570	493	386
08/08/2018	16	500	456	379
08/08/2018	17	480	456	360
08/08/2018	18	456	450	347
08/08/2018	19	599	490	365
08/08/2018	20	572	456	364
08/08/2018	21	570	456	359
08/08/2018	22	479	456	343
08/08/2018	23	456	433	326
08/08/2018	24	456	400	310
08/09/2018	1	420	407	280
08/09/2018	2	417	400	273
08/09/2018	3	420	380	265
08/09/2018	4	380	344	261
08/09/2018	5	348	344	266
08/09/2018	6	348	344	266
08/09/2018	7	350	344	272
08/09/2018	8	473	400	308
08/09/2018	9	507	450	345
08/09/2018	10	510	456	364
08/09/2018	11	540	492	375
08/09/2018	12	520	442	368
08/09/2018	13	500	420	367
08/09/2018	14	600	503	380
08/09/2018	15	570	467	375
08/09/2018	16	495	456	368
08/09/2018	17	456	421	353
08/09/2018	18	470	456	343
08/09/2018	19	490	456	354
08/09/2018	20	460	456	353
08/09/2018	21	456	415	345
08/09/2018	22	456	400	330
08/09/2018	23	456	352	313
08/09/2018	24	456	343	297
08/10/2018	1	530	450	286
08/10/2018	2	510	420	277
08/10/2018	3	500	420	268
08/10/2018	4	480	380	264
08/10/2018	5	520	420	268
08/10/2018	6	550	420	267
08/10/2018	7	560	430	266
08/10/2018	8	570	440	306
08/10/2018	9	570	450	342
08/10/2018	10	570	456	363
08/10/2018	11	584	460	375
08/10/2018	12	542	456	368
08/10/2018	13	500	456	366
08/10/2018	14	580	479	375
08/10/2018	15	558	456	370
08/10/2018	16	456	450	362
08/10/2018	17	456	420	346
08/10/2018	18	456	420	335
08/10/2018	19	480	456	349
08/10/2018	20	456	456	349
08/10/2018	21	456	440	342
08/10/2018	22	456	400	328
08/10/2018	23	456	352	314
08/10/2018	24	456	352	298
08/11/2018	1	460	356	277
08/11/2018	2	460	356	272

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/11/2018	3	450	352	266
08/11/2018	4	450	352	259
08/11/2018	5	500	474	258
08/11/2018	6	500	454	258
08/11/2018	7	500	498	263
08/11/2018	8	523	400	287
08/11/2018	9	512	400	316
08/11/2018	10	546	456	339
08/11/2018	11	596	518	354
08/11/2018	12	546	456	347
08/11/2018	13	496	456	343
08/11/2018	14	550	456	350
08/11/2018	15	550	456	345
08/11/2018	16	456	440	340
08/11/2018	17	456	400	332
08/11/2018	18	456	400	329
08/11/2018	19	500	456	345
08/11/2018	20	500	456	344
08/11/2018	21	456	450	340
08/11/2018	22	456	400	325
08/11/2018	23	456	400	310
08/11/2018	24	456	400	294
08/12/2018	1	550	480	282
08/12/2018	2	520	440	269
08/12/2018	3	480	410	262
08/12/2018	4	456	400	258
08/12/2018	5	470	430	257
08/12/2018	6	520	450	264
08/12/2018	7	530	450	273
08/12/2018	8	520	450	277
08/12/2018	9	533	452	297
08/12/2018	10	550	480	307
08/12/2018	11	580	500	317
08/12/2018	12	492	456	312
08/12/2018	13	480	456	311
08/12/2018	14	580	489	321
08/12/2018	15	548	456	315
08/12/2018	16	477	456	306
08/12/2018	17	480	456	303
08/12/2018	18	500	459	305
08/12/2018	19	647	620	323
08/12/2018	20	647	548	318
08/12/2018	21	500	456	308
08/12/2018	22	456	440	293
08/12/2018	23	456	400	280
08/12/2018	24	456	400	263
08/13/2018	1	540	439	254
08/13/2018	2	500	430	245
08/13/2018	3	470	400	236
08/13/2018	4	450	400	232
08/13/2018	5	460	430	237
08/13/2018	6	480	450	236
08/13/2018	7	500	450	248
08/13/2018	8	500	450	288
08/13/2018	9	518	456	339
08/13/2018	10	562	480	367
08/13/2018	11	647	585	380
08/13/2018	12	544	500	373
08/13/2018	13	500	469	370
08/13/2018	14	647	598	381
08/13/2018	15	534	456	372
08/13/2018	16	480	456	363
08/13/2018	17	471	456	350
08/13/2018	18	500	456	340
08/13/2018	19	647	550	355

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/13/2018	20	614	548	354
08/13/2018	21	552	456	348
08/13/2018	22	500	456	334
08/13/2018	23	456	450	318
08/13/2018	24	456	420	302
08/14/2018	1	550	456	260
08/14/2018	2	500	456	252
08/14/2018	3	480	456	247
08/14/2018	4	460	456	244
08/14/2018	5	480	456	251
08/14/2018	6	480	456	257
08/14/2018	7	500	456	262
08/14/2018	8	510	456	293
08/14/2018	9	515	456	324
08/14/2018	10	520	456	342
08/14/2018	11	600	563	352
08/14/2018	12	506	500	341
08/14/2018	13	500	464	339
08/14/2018	14	640	558	354
08/14/2018	15	608	550	352
08/14/2018	16	587	540	345
08/14/2018	17	555	456	333
08/14/2018	18	520	478	328
08/14/2018	19	550	456	337
08/14/2018	20	525	456	336
08/14/2018	21	552	456	326
08/14/2018	22	456	450	309
08/14/2018	23	456	420	291
08/14/2018	24	456	420	275
08/15/2018	1	521	456	273
08/15/2018	2	500	423	264
08/15/2018	3	480	400	256
08/15/2018	4	460	380	252
08/15/2018	5	480	420	257
08/15/2018	6	480	425	257
08/15/2018	7	500	420	263
08/15/2018	8	510	456	299
08/15/2018	9	530	456	330
08/15/2018	10	542	456	352
08/15/2018	11	580	456	359
08/15/2018	12	506	473	351
08/15/2018	13	500	457	352
08/15/2018	14	580	500	366
08/15/2018	15	568	500	364
08/15/2018	16	519	480	355
08/15/2018	17	533	456	341
08/15/2018	18	500	456	330
08/15/2018	19	523	456	339
08/15/2018	20	500	456	339
08/15/2018	21	500	456	333
08/15/2018	22	500	456	317
08/15/2018	23	456	450	302
08/15/2018	24	456	420	286
08/16/2018	1	560	510	281
08/16/2018	2	550	505	275
08/16/2018	3	520	480	267
08/16/2018	4	520	480	265
08/16/2018	5	530	490	273
08/16/2018	6	575	549	278
08/16/2018	7	580	560	290
08/16/2018	8	600	570	319
08/16/2018	9	620	580	351
08/16/2018	10	647	647	371
08/16/2018	11	647	647	383
08/16/2018	12	630	610	373

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/16/2018	13	610	574	367
08/16/2018	14	640	600	379
08/16/2018	15	615	580	373
08/16/2018	16	600	575	368
08/16/2018	17	580	570	357
08/16/2018	18	565	520	352
08/16/2018	19	570	523	360
08/16/2018	20	546	490	356
08/16/2018	21	533	480	347
08/16/2018	22	525	456	328
08/16/2018	23	550	480	317
08/16/2018	24	520	460	307
08/17/2018	1	560	510	293
08/17/2018	2	526	505	283
08/17/2018	3	510	480	273
08/17/2018	4	520	480	268
08/17/2018	5	530	490	273
08/17/2018	6	575	549	273
08/17/2018	7	580	560	275
08/17/2018	8	600	570	309
08/17/2018	9	620	580	346
08/17/2018	10	620	590	369
08/17/2018	11	625	593	380
08/17/2018	12	625	580	373
08/17/2018	13	603	562	372
08/17/2018	14	610	570	381
08/17/2018	15	625	580	379
08/17/2018	16	610	511	371
08/17/2018	17	580	500	352
08/17/2018	18	565	520	340
08/17/2018	19	570	523	356
08/17/2018	20	570	520	354
08/17/2018	21	560	480	346
08/17/2018	22	525	456	333
08/17/2018	23	550	480	318
08/17/2018	24	520	460	301
08/18/2018	1	560	510	277
08/18/2018	2	550	505	271
08/18/2018	3	520	420	265
08/18/2018	4	519	380	258
08/18/2018	5	530	390	258
08/18/2018	6	520	350	257
08/18/2018	7	530	350	263
08/18/2018	8	550	350	286
08/18/2018	9	550	456	304
08/18/2018	10	550	456	327
08/18/2018	11	579	456	342
08/18/2018	12	539	456	335
08/18/2018	13	529	456	331
08/18/2018	14	569	456	338
08/18/2018	15	540	456	333
08/18/2018	16	519	456	328
08/18/2018	17	500	456	320
08/18/2018	18	480	456	317
08/18/2018	19	520	456	333
08/18/2018	20	500	456	332
08/18/2018	21	479	456	328
08/18/2018	22	460	456	313
08/18/2018	23	456	440	298
08/18/2018	24	456	420	282
08/19/2018	1	580	510	274
08/19/2018	2	535	480	266
08/19/2018	3	520	466	259
08/19/2018	4	499	380	254
08/19/2018	5	526	390	254

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/19/2018	6	520	390	260
08/19/2018	7	530	352	270
08/19/2018	8	550	350	274
08/19/2018	9	550	456	289
08/19/2018	10	550	456	299
08/19/2018	11	570	456	310
08/19/2018	12	539	456	305
08/19/2018	13	530	456	304
08/19/2018	14	580	456	314
08/19/2018	15	555	456	307
08/19/2018	16	550	456	299
08/19/2018	17	528	456	295
08/19/2018	18	487	456	297
08/19/2018	19	570	456	320
08/19/2018	20	500	456	314
08/19/2018	21	479	456	304
08/19/2018	22	460	456	289
08/19/2018	23	456	440	276
08/19/2018	24	456	420	260
08/20/2018	1	530	483	272
08/20/2018	2	518	430	264
08/20/2018	3	490	409	255
08/20/2018	4	423	400	251
08/20/2018	5	490	419	260
08/20/2018	6	579	549	269
08/20/2018	7	471	460	253
08/20/2018	8	514	500	284
08/20/2018	9	606	570	326
08/20/2018	10	610	570	351
08/20/2018	11	615	575	367
08/20/2018	12	603	503	361
08/20/2018	13	570	503	362
08/20/2018	14	610	570	380
08/20/2018	15	610	568	375
08/20/2018	16	590	500	368
08/20/2018	17	580	500	354
08/20/2018	18	605	500	359
08/20/2018	19	610	570	362
08/20/2018	20	605	500	356
08/20/2018	21	583	490	344
08/20/2018	22	538	480	324
08/20/2018	23	550	480	293
08/20/2018	24	456	420	274
08/21/2018	1	580	510	278
08/21/2018	2	547	352	270
08/21/2018	3	520	352	263
08/21/2018	4	499	352	258
08/21/2018	5	518	352	258
08/21/2018	6	520	352	264
08/21/2018	7	520	352	274
08/21/2018	8	520	350	278
08/21/2018	9	538	456	297
08/21/2018	10	550	456	307
08/21/2018	11	580	456	317
08/21/2018	12	539	456	312
08/21/2018	13	530	456	311
08/21/2018	14	580	456	321
08/21/2018	15	555	456	315
08/21/2018	16	463	456	306
08/21/2018	17	456	450	303
08/21/2018	18	456	440	305
08/21/2018	19	542	456	327
08/21/2018	20	500	456	322
08/21/2018	21	479	456	311
08/21/2018	22	456	441	297

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/21/2018	23	456	440	284
08/21/2018	24	456	420	267
08/22/2018	1	550	480	278
08/22/2018	2	520	407	270
08/22/2018	3	480	406	263
08/22/2018	4	450	362	258
08/22/2018	5	460	380	258
08/22/2018	6	470	380	264
08/22/2018	7	520	380	274
08/22/2018	8	500	380	278
08/22/2018	9	580	456	297
08/22/2018	10	550	456	307
08/22/2018	11	647	456	317
08/22/2018	12	539	456	312
08/22/2018	13	530	456	311
08/22/2018	14	647	456	321
08/22/2018	15	550	456	315
08/22/2018	16	456	450	306
08/22/2018	17	456	440	303
08/22/2018	18	456	440	305
08/22/2018	19	550	456	327
08/22/2018	20	500	456	322
08/22/2018	21	456	450	311
08/22/2018	22	456	441	297
08/22/2018	23	456	440	284
08/22/2018	24	456	420	267
08/23/2018	1	500	455	276
08/23/2018	2	480	425	265
08/23/2018	3	460	405	258
08/23/2018	4	439	389	253
08/23/2018	5	405	400	256
08/23/2018	6	436	405	256
08/23/2018	7	520	385	265
08/23/2018	8	500	359	303
08/23/2018	9	550	456	352
08/23/2018	10	550	456	372
08/23/2018	11	580	456	385
08/23/2018	12	480	456	378
08/23/2018	13	512	456	375
08/23/2018	14	593	456	386
08/23/2018	15	510	456	377
08/23/2018	16	500	456	368
08/23/2018	17	456	440	355
08/23/2018	18	456	440	345
08/23/2018	19	550	456	349
08/23/2018	20	521	456	358
08/23/2018	21	456	450	352
08/23/2018	22	456	441	338
08/23/2018	23	456	440	323
08/23/2018	24	456	420	306
08/24/2018	1	558	500	290
08/24/2018	2	500	480	280
08/24/2018	3	485	456	272
08/24/2018	4	480	456	269
08/24/2018	5	500	456	276
08/24/2018	6	500	456	276
08/24/2018	7	500	456	281
08/24/2018	8	523	456	316
08/24/2018	9	525	490	350
08/24/2018	10	525	463	372
08/24/2018	11	612	529	383
08/24/2018	12	525	456	372
08/24/2018	13	456	449	370
08/24/2018	14	615	525	384
08/24/2018	15	600	518	379

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/24/2018	16	504	456	372
08/24/2018	17	456	420	359
08/24/2018	18	456	442	350
08/24/2018	19	531	480	359
08/24/2018	20	520	470	352
08/24/2018	21	480	456	345
08/24/2018	22	456	444	328
08/24/2018	23	478	456	312
08/24/2018	24	478	456	295
08/25/2018	1	510	440	277
08/25/2018	2	480	425	271
08/25/2018	3	450	420	266
08/25/2018	4	449	400	259
08/25/2018	5	450	405	258
08/25/2018	6	428	405	258
08/25/2018	7	500	385	263
08/25/2018	8	500	359	286
08/25/2018	9	550	420	305
08/25/2018	10	550	456	328
08/25/2018	11	580	456	343
08/25/2018	12	465	456	335
08/25/2018	13	456	440	332
08/25/2018	14	550	456	338
08/25/2018	15	500	456	334
08/25/2018	16	456	441	328
08/25/2018	17	456	391	320
08/25/2018	18	456	382	317
08/25/2018	19	550	456	334
08/25/2018	20	513	456	333
08/25/2018	21	464	456	329
08/25/2018	22	456	441	314
08/25/2018	23	456	440	299
08/25/2018	24	456	420	282
08/26/2018	1	500	430	274
08/26/2018	2	480	425	266
08/26/2018	3	450	420	258
08/26/2018	4	449	400	254
08/26/2018	5	450	405	253
08/26/2018	6	428	405	260
08/26/2018	7	500	385	270
08/26/2018	8	500	359	274
08/26/2018	9	550	456	286
08/26/2018	10	520	456	296
08/26/2018	11	550	456	306
08/26/2018	12	456	450	301
08/26/2018	13	456	440	300
08/26/2018	14	550	456	310
08/26/2018	15	500	456	304
08/26/2018	16	456	440	295
08/26/2018	17	456	389	291
08/26/2018	18	480	456	293
08/26/2018	19	550	456	316
08/26/2018	20	520	456	311
08/26/2018	21	484	456	300
08/26/2018	22	456	441	285
08/26/2018	23	456	440	273
08/26/2018	24	456	420	256
08/27/2018	1	500	467	253
08/27/2018	2	483	450	245
08/27/2018	3	456	420	239
08/27/2018	4	439	400	235
08/27/2018	5	460	445	246
08/27/2018	6	583	520	258
08/27/2018	7	458	420	240
08/27/2018	8	450	420	252

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/27/2018	9	460	430	271
08/27/2018	10	480	456	295
08/27/2018	11	500	456	310
08/27/2018	12	500	456	308
08/27/2018	13	500	456	308
08/27/2018	14	510	456	310
08/27/2018	15	500	456	309
08/27/2018	16	456	450	303
08/27/2018	17	456	430	293
08/27/2018	18	520	480	319
08/27/2018	19	560	484	331
08/27/2018	20	560	480	330
08/27/2018	21	456	434	317
08/27/2018	22	456	420	303
08/27/2018	23	560	480	324
08/27/2018	24	546	460	303
08/28/2018	1	500	430	275
08/28/2018	2	480	425	265
08/28/2018	3	450	420	258
08/28/2018	4	449	400	253
08/28/2018	5	450	405	256
08/28/2018	6	428	405	256
08/28/2018	7	500	385	265
08/28/2018	8	500	359	303
08/28/2018	9	550	456	353
08/28/2018	10	647	647	373
08/28/2018	11	647	647	386
08/28/2018	12	647	564	379
08/28/2018	13	617	520	376
08/28/2018	14	647	647	387
08/28/2018	15	647	539	378
08/28/2018	16	647	540	369
08/28/2018	17	550	500	356
08/28/2018	18	480	456	346
08/28/2018	19	493	456	350
08/28/2018	20	500	456	359
08/28/2018	21	476	456	354
08/28/2018	22	456	440	339
08/28/2018	23	456	420	324
08/28/2018	24	456	420	308
08/29/2018	1	580	470	288
08/29/2018	2	550	450	278
08/29/2018	3	484	420	271
08/29/2018	4	476	400	267
08/29/2018	5	480	420	274
08/29/2018	6	490	430	278
08/29/2018	7	480	430	275
08/29/2018	8	518	350	320
08/29/2018	9	518	456	354
08/29/2018	10	586	456	373
08/29/2018	11	620	456	385
08/29/2018	12	523	456	374
08/29/2018	13	500	456	372
08/29/2018	14	590	456	388
08/29/2018	15	580	456	385
08/29/2018	16	570	456	377
08/29/2018	17	539	456	360
08/29/2018	18	492	456	351
08/29/2018	19	580	456	361
08/29/2018	20	500	456	358
08/29/2018	21	480	456	350
08/29/2018	22	456	445	334
08/29/2018	23	456	424	317
08/29/2018	24	456	410	300
08/30/2018	1	580	460	290

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/30/2018	2	550	450	281
08/30/2018	3	500	420	273
08/30/2018	4	476	428	270
08/30/2018	5	514	420	276
08/30/2018	6	462	430	277
08/30/2018	7	480	430	284
08/30/2018	8	500	350	319
08/30/2018	9	518	456	350
08/30/2018	10	586	456	372
08/30/2018	11	620	456	382
08/30/2018	12	485	456	372
08/30/2018	13	456	450	369
08/30/2018	14	553	456	383
08/30/2018	15	543	456	379
08/30/2018	16	564	456	372
08/30/2018	17	539	456	359
08/30/2018	18	492	456	351
08/30/2018	19	551	456	362
08/30/2018	20	500	456	358
08/30/2018	21	480	456	350
08/30/2018	22	456	443	335
08/30/2018	23	456	420	315
08/30/2018	24	456	410	299
08/31/2018	1	580	470	299
08/31/2018	2	550	450	291
08/31/2018	3	500	420	281
08/31/2018	4	476	428	278
08/31/2018	5	514	420	283
08/31/2018	6	462	430	283
08/31/2018	7	487	430	284
08/31/2018	8	500	456	322
08/31/2018	9	518	456	358
08/31/2018	10	480	456	381
08/31/2018	11	500	456	390
08/31/2018	12	527	456	381
08/31/2018	13	456	455	379
08/31/2018	14	647	456	390
08/31/2018	15	647	456	388
08/31/2018	16	550	456	380
08/31/2018	17	500	456	362
08/31/2018	18	480	456	352
08/31/2018	19	567	456	365
08/31/2018	20	520	456	363
08/31/2018	21	484	456	355
08/31/2018	22	460	456	340
08/31/2018	23	456	450	325
08/31/2018	24	456	440	310
09/01/2018	1	590	456	291
09/01/2018	2	504	456	282
09/01/2018	3	456	438	274
09/01/2018	4	430	352	268
09/01/2018	5	403	352	267
09/01/2018	6	471	350	266
09/01/2018	7	500	350	270
09/01/2018	8	488	456	294
09/01/2018	9	504	456	321
09/01/2018	10	500	456	343
09/01/2018	11	500	456	351
09/01/2018	12	500	456	341
09/01/2018	13	456	452	338
09/01/2018	14	576	456	345
09/01/2018	15	544	456	339
09/01/2018	16	468	456	330
09/01/2018	17	456	450	321
09/01/2018	18	456	450	323

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/01/2018	19	570	456	335
09/01/2018	20	550	456	333
09/01/2018	21	484	456	327
09/01/2018	22	460	456	315
09/01/2018	23	456	450	300
09/01/2018	24	456	427	286
09/02/2018	1	460	380	253
09/02/2018	2	450	350	245
09/02/2018	3	439	350	239
09/02/2018	4	408	350	236
09/02/2018	5	450	350	246
09/02/2018	6	465	458	246
09/02/2018	7	425	350	247
09/02/2018	8	456	400	252
09/02/2018	9	456	400	271
09/02/2018	10	600	456	296
09/02/2018	11	635	456	310
09/02/2018	12	630	456	308
09/02/2018	13	630	456	309
09/02/2018	14	640	456	310
09/02/2018	15	640	456	309
09/02/2018	16	590	456	303
09/02/2018	17	560	456	294
09/02/2018	18	587	456	320
09/02/2018	19	616	456	332
09/02/2018	20	604	456	331
09/02/2018	21	543	456	318
09/02/2018	22	523	456	303
09/02/2018	23	501	456	293
09/02/2018	24	456	440	284
09/03/2018	1	570	456	279
09/03/2018	2	480	456	269
09/03/2018	3	456	439	262
09/03/2018	4	400	350	257
09/03/2018	5	400	350	260
09/03/2018	6	450	350	260
09/03/2018	7	470	350	269
09/03/2018	8	525	456	307
09/03/2018	9	515	456	356
09/03/2018	10	647	456	376
09/03/2018	11	647	456	389
09/03/2018	12	647	456	382
09/03/2018	13	647	456	379
09/03/2018	14	647	456	390
09/03/2018	15	647	456	381
09/03/2018	16	488	456	372
09/03/2018	17	456	450	359
09/03/2018	18	456	450	349
09/03/2018	19	570	456	363
09/03/2018	20	550	456	362
09/03/2018	21	484	456	357
09/03/2018	22	460	456	342
09/03/2018	23	456	450	327
09/03/2018	24	456	427	311
09/04/2018	1	580	420	272
09/04/2018	2	500	420	253
09/04/2018	3	440	420	244
09/04/2018	4	420	420	242
09/04/2018	5	400	350	249
09/04/2018	6	480	350	252
09/04/2018	7	450	350	255
09/04/2018	8	520	420	297
09/04/2018	9	550	456	338
09/04/2018	10	647	456	362
09/04/2018	11	647	456	376

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/04/2018	12	647	456	371
09/04/2018	13	647	456	371
09/04/2018	14	647	456	382
09/04/2018	15	647	456	374
09/04/2018	16	500	456	364
09/04/2018	17	460	456	352
09/04/2018	18	456	450	351
09/04/2018	19	570	456	358
09/04/2018	20	500	456	352
09/04/2018	21	456	430	345
09/04/2018	22	456	420	326
09/04/2018	23	456	400	307
09/04/2018	24	456	380	287
09/05/2018	1	571	420	286
09/05/2018	2	501	420	277
09/05/2018	3	490	420	269
09/05/2018	4	440	420	264
09/05/2018	5	442	420	268
09/05/2018	6	488	420	267
09/05/2018	7	455	420	274
09/05/2018	8	500	420	307
09/05/2018	9	520	456	341
09/05/2018	10	550	456	360
09/05/2018	11	647	456	375
09/05/2018	12	500	456	366
09/05/2018	13	512	456	365
09/05/2018	14	647	456	380
09/05/2018	15	587	456	372
09/05/2018	16	552	456	367
09/05/2018	17	500	456	352
09/05/2018	18	456	435	349
09/05/2018	19	550	456	357
09/05/2018	20	544	456	349
09/05/2018	21	456	450	343
09/05/2018	22	456	440	328
09/05/2018	23	456	400	313
09/05/2018	24	456	380	296
09/06/2018	1	571	420	286
09/06/2018	2	501	420	277
09/06/2018	3	490	420	269
09/06/2018	4	440	420	264
09/06/2018	5	442	420	268
09/06/2018	6	488	420	267
09/06/2018	7	455	420	274
09/06/2018	8	500	420	307
09/06/2018	9	520	456	341
09/06/2018	10	550	456	360
09/06/2018	11	647	456	375
09/06/2018	12	500	456	366
09/06/2018	13	512	456	365
09/06/2018	14	647	456	380
09/06/2018	15	587	456	372
09/06/2018	16	552	456	367
09/06/2018	17	500	456	352
09/06/2018	18	456	435	349
09/06/2018	19	550	456	357
09/06/2018	20	544	456	349
09/06/2018	21	456	450	343
09/06/2018	22	456	440	328
09/06/2018	23	456	400	313
09/06/2018	24	456	380	296
09/07/2018	1	580	420	295
09/07/2018	2	510	420	284
09/07/2018	3	480	420	277
09/07/2018	4	450	420	273

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/07/2018	5	460	420	277
09/07/2018	6	470	420	279
09/07/2018	7	480	420	281
09/07/2018	8	550	420	319
09/07/2018	9	580	456	351
09/07/2018	10	647	456	372
09/07/2018	11	647	456	383
09/07/2018	12	579	456	373
09/07/2018	13	505	456	372
09/07/2018	14	647	456	384
09/07/2018	15	610	456	378
09/07/2018	16	532	456	371
09/07/2018	17	500	456	354
09/07/2018	18	456	435	350
09/07/2018	19	550	456	356
09/07/2018	20	500	456	352
09/07/2018	21	456	439	347
09/07/2018	22	456	440	333
09/07/2018	23	456	400	314
09/07/2018	24	456	380	298
09/08/2018	1	456	352	279
09/08/2018	2	456	352	269
09/08/2018	3	456	352	265
09/08/2018	4	456	352	264
09/08/2018	5	456	352	263
09/08/2018	6	456	352	261
09/08/2018	7	456	352	275
09/08/2018	8	456	450	282
09/08/2018	9	500	456	300
09/08/2018	10	588	456	329
09/08/2018	11	600	456	352
09/08/2018	12	550	456	344
09/08/2018	13	505	456	344
09/08/2018	14	610	456	353
09/08/2018	15	610	456	348
09/08/2018	16	532	456	339
09/08/2018	17	460	456	326
09/08/2018	18	456	420	327
09/08/2018	19	520	456	341
09/08/2018	20	500	456	340
09/08/2018	21	456	439	335
09/08/2018	22	456	440	325
09/08/2018	23	456	400	309
09/08/2018	24	456	380	295
09/09/2018	1	562	380	278
09/09/2018	2	500	352	266
09/09/2018	3	450	352	258
09/09/2018	4	420	316	254
09/09/2018	5	400	316	253
09/09/2018	6	450	352	260
09/09/2018	7	450	352	266
09/09/2018	8	456	450	278
09/09/2018	9	480	456	295
09/09/2018	10	500	456	305
09/09/2018	11	551	456	316
09/09/2018	12	500	456	311
09/09/2018	13	460	456	310
09/09/2018	14	647	456	319
09/09/2018	15	580	456	313
09/09/2018	16	532	456	305
09/09/2018	17	460	456	301
09/09/2018	18	456	420	303
09/09/2018	19	604	456	326
09/09/2018	20	584	456	320
09/09/2018	21	488	456	310

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/09/2018	22	456	440	295
09/09/2018	23	456	400	282
09/09/2018	24	456	380	270
09/10/2018	1	513	456	275
09/10/2018	2	503	456	266
09/10/2018	3	480	456	257
09/10/2018	4	456	443	253
09/10/2018	5	509	456	262
09/10/2018	6	520	456	271
09/10/2018	7	456	450	255
09/10/2018	8	551	456	287
09/10/2018	9	580	456	329
09/10/2018	10	602	456	354
09/10/2018	11	647	456	370
09/10/2018	12	583	456	364
09/10/2018	13	505	456	365
09/10/2018	14	647	456	383
09/10/2018	15	610	456	378
09/10/2018	16	568	456	371
09/10/2018	17	570	456	357
09/10/2018	18	570	456	362
09/10/2018	19	572	456	365
09/10/2018	20	550	456	359
09/10/2018	21	540	456	347
09/10/2018	22	500	456	327
09/10/2018	23	456	420	296
09/10/2018	24	456	400	276
09/11/2018	1	580	420	282
09/11/2018	2	500	420	263
09/11/2018	3	480	420	256
09/11/2018	4	440	420	253
09/11/2018	5	479	420	263
09/11/2018	6	520	420	265
09/11/2018	7	450	420	269
09/11/2018	8	551	420	301
09/11/2018	9	580	456	341
09/11/2018	10	593	456	362
09/11/2018	11	617	456	376
09/11/2018	12	550	456	369
09/11/2018	13	505	456	366
09/11/2018	14	647	456	380
09/11/2018	15	647	456	376
09/11/2018	16	568	456	371
09/11/2018	17	500	456	355
09/11/2018	18	456	450	347
09/11/2018	19	520	456	357
09/11/2018	20	501	456	352
09/11/2018	21	466	456	344
09/11/2018	22	456	455	329
09/11/2018	23	456	421	310
09/11/2018	24	456	420	292
09/12/2018	1	580	420	287
09/12/2018	2	530	420	278
09/12/2018	3	460	420	270
09/12/2018	4	440	352	267
09/12/2018	5	480	352	273
09/12/2018	6	559	352	276
09/12/2018	7	560	352	286
09/12/2018	8	570	456	313
09/12/2018	9	580	456	348
09/12/2018	10	593	456	371
09/12/2018	11	593	456	384
09/12/2018	12	548	456	374
09/12/2018	13	505	456	375
09/12/2018	14	647	456	391

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/12/2018	15	647	456	386
09/12/2018	16	624	456	377
09/12/2018	17	500	456	361
09/12/2018	18	456	450	356
09/12/2018	19	520	456	366
09/12/2018	20	501	456	364
09/12/2018	21	480	456	356
09/12/2018	22	456	455	341
09/12/2018	23	456	450	323
09/12/2018	24	456	438	305
09/14/2018	1	520	456	276
09/14/2018	2	469	456	263
09/14/2018	3	456	429	256
09/14/2018	4	456	400	253
09/14/2018	5	500	456	258
09/14/2018	6	494	456	261
09/14/2018	7	530	456	272
09/14/2018	8	548	456	305
09/14/2018	9	580	456	335
09/14/2018	10	593	456	355
09/14/2018	11	632	456	364
09/14/2018	12	550	456	354
09/14/2018	13	505	456	350
09/14/2018	14	647	456	362
09/14/2018	15	647	456	359
09/14/2018	16	515	456	353
09/14/2018	17	500	456	340
09/14/2018	18	456	420	336
09/14/2018	19	517	456	341
09/14/2018	20	504	420	336
09/14/2018	21	500	420	329
09/14/2018	22	453	420	314
09/14/2018	23	420	400	296
09/14/2018	24	420	350	283
09/15/2018	1	580	420	270
09/15/2018	2	530	420	262
09/15/2018	3	460	420	255
09/15/2018	4	440	352	250
09/15/2018	5	480	352	250
09/15/2018	6	559	352	256
09/15/2018	7	560	352	266
09/15/2018	8	570	456	270
09/15/2018	9	580	456	284
09/15/2018	10	593	456	294
09/15/2018	11	593	456	304
09/15/2018	12	548	456	299
09/15/2018	13	505	456	298
09/15/2018	14	647	456	308
09/15/2018	15	647	456	302
09/15/2018	16	624	456	293
09/15/2018	17	500	456	290
09/15/2018	18	456	450	281
09/15/2018	19	520	456	304
09/15/2018	20	501	456	298
09/15/2018	21	480	456	288
09/15/2018	22	456	455	273
09/15/2018	23	456	450	260
09/15/2018	24	456	438	244
09/16/2018	1	480	420	266
09/16/2018	2	420	420	258
09/16/2018	3	420	350	250
09/16/2018	4	400	300	246
09/16/2018	5	376	300	245
09/16/2018	6	406	300	252
09/16/2018	7	400	300	254

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/16/2018	8	420	350	258
09/16/2018	9	456	420	263
09/16/2018	10	456	430	269
09/16/2018	11	481	456	279
09/16/2018	12	456	456	274
09/16/2018	13	481	456	273
09/16/2018	14	490	456	283
09/16/2018	15	487	456	277
09/16/2018	16	456	430	268
09/16/2018	17	456	417	264
09/16/2018	18	456	377	266
09/16/2018	19	480	456	289
09/16/2018	20	456	430	284
09/16/2018	21	456	420	273
09/16/2018	22	456	400	266
09/16/2018	23	456	362	254
09/16/2018	24	362	350	241
09/17/2018	1	500	380	271
09/17/2018	2	450	300	261
09/17/2018	3	420	300	254
09/17/2018	4	357	300	249
09/17/2018	5	350	300	252
09/17/2018	6	380	300	252
09/17/2018	7	380	300	261
09/17/2018	8	420	352	299
09/17/2018	9	456	420	320
09/17/2018	10	480	456	345
09/17/2018	11	550	456	361
09/17/2018	12	480	456	355
09/17/2018	13	470	456	356
09/17/2018	14	587	456	374
09/17/2018	15	550	456	369
09/17/2018	16	456	440	362
09/17/2018	17	456	378	348
09/17/2018	18	456	352	353
09/17/2018	19	456	452	356
09/17/2018	20	456	430	351
09/17/2018	21	456	420	338
09/17/2018	22	456	400	318
09/17/2018	23	456	380	299
09/17/2018	24	350	350	279
09/18/2018	1	570	380	285
09/18/2018	2	500	352	273
09/18/2018	3	470	352	266
09/18/2018	4	420	352	261
09/18/2018	5	440	352	269
09/18/2018	6	450	352	274
09/18/2018	7	450	352	276
09/18/2018	8	470	420	314
09/18/2018	9	500	456	348
09/18/2018	10	500	456	368
09/18/2018	11	573	456	380
09/18/2018	12	500	456	372
09/18/2018	13	500	456	370
09/18/2018	14	647	456	383
09/18/2018	15	599	456	380
09/18/2018	16	541	456	373
09/18/2018	17	520	456	360
09/18/2018	18	480	456	352
09/18/2018	19	456	450	359
09/18/2018	20	456	440	354
09/18/2018	21	456	430	345
09/18/2018	22	456	420	328
09/18/2018	23	456	399	309
09/18/2018	24	380	352	292

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/19/2018	1	550	380	271
09/19/2018	2	480	352	263
09/19/2018	3	450	300	254
09/19/2018	4	420	300	254
09/19/2018	5	440	352	259
09/19/2018	6	450	344	263
09/19/2018	7	450	420	263
09/19/2018	8	470	420	301
09/19/2018	9	500	456	332
09/19/2018	10	500	456	355
09/19/2018	11	580	456	368
09/19/2018	12	500	456	360
09/19/2018	13	501	456	358
09/19/2018	14	580	456	373
09/19/2018	15	599	456	369
09/19/2018	16	541	456	358
09/19/2018	17	471	456	343
09/19/2018	18	470	456	342
09/19/2018	19	536	456	351
09/19/2018	20	468	456	346
09/19/2018	21	456	430	335
09/19/2018	22	456	420	318
09/19/2018	23	456	399	302
09/19/2018	24	380	350	286
09/20/2018	1	600	456	283
09/20/2018	2	575	456	276
09/20/2018	3	550	456	267
09/20/2018	4	525	456	264
09/20/2018	5	550	456	268
09/20/2018	6	550	456	268
09/20/2018	7	575	456	275
09/20/2018	8	610	456	310
09/20/2018	9	625	456	344
09/20/2018	10	630	456	365
09/20/2018	11	647	456	378
09/20/2018	12	647	456	372
09/20/2018	13	647	456	372
09/20/2018	14	647	456	385
09/20/2018	15	647	456	381
09/20/2018	16	647	456	373
09/20/2018	17	625	456	360
09/20/2018	18	600	456	356
09/20/2018	19	647	456	364
09/20/2018	20	625	456	360
09/20/2018	21	620	456	353
09/20/2018	22	620	456	334
09/20/2018	23	610	456	316
09/20/2018	24	600	456	299
09/21/2018	1	590	380	289
09/21/2018	2	540	315	275
09/21/2018	3	500	300	267
09/21/2018	4	450	300	263
09/21/2018	5	440	352	266
09/21/2018	6	460	340	268
09/21/2018	7	482	420	275
09/21/2018	8	490	420	303
09/21/2018	9	500	456	344
09/21/2018	10	550	456	365
09/21/2018	11	580	456	375
09/21/2018	12	500	456	364
09/21/2018	13	496	456	358
09/21/2018	14	571	456	371
09/21/2018	15	522	456	366
09/21/2018	16	480	456	360
09/21/2018	17	456	450	349

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/21/2018	18	470	456	344
09/21/2018	19	500	456	349
09/21/2018	20	456	450	343
09/21/2018	21	456	438	336
09/21/2018	22	456	420	319
09/21/2018	23	456	400	300
09/21/2018	24	380	370	285
09/22/2018	1	602	456	293
09/22/2018	2	550	456	282
09/22/2018	3	520	456	276
09/22/2018	4	510	456	269
09/22/2018	5	500	456	267
09/22/2018	6	500	456	268
09/22/2018	7	520	456	271
09/22/2018	8	520	456	290
09/22/2018	9	550	456	313
09/22/2018	10	564	456	337
09/22/2018	11	609	456	349
09/22/2018	12	518	456	339
09/22/2018	13	513	456	336
09/22/2018	14	570	456	343
09/22/2018	15	550	456	338
09/22/2018	16	520	456	331
09/22/2018	17	502	456	321
09/22/2018	18	510	456	325
09/22/2018	19	548	456	336
09/22/2018	20	510	456	335
09/22/2018	21	500	456	330
09/22/2018	22	560	456	320
09/22/2018	23	560	456	306
09/22/2018	24	510	456	293
09/23/2018	1	570	380	278
09/23/2018	2	562	352	266
09/23/2018	3	502	352	258
09/23/2018	4	452	352	254
09/23/2018	5	442	352	253
09/23/2018	6	460	352	260
09/23/2018	7	482	352	265
09/23/2018	8	490	352	278
09/23/2018	9	500	456	286
09/23/2018	10	550	456	296
09/23/2018	11	575	456	306
09/23/2018	12	488	456	301
09/23/2018	13	462	456	300
09/23/2018	14	540	456	310
09/23/2018	15	522	456	304
09/23/2018	16	457	456	295
09/23/2018	17	456	420	292
09/23/2018	18	470	456	294
09/23/2018	19	582	456	316
09/23/2018	20	456	442	311
09/23/2018	21	456	431	301
09/23/2018	22	456	411	286
09/23/2018	23	456	390	273
09/23/2018	24	380	370	260
09/24/2018	1	560	380	273
09/24/2018	2	520	324	262
09/24/2018	3	480	300	254
09/24/2018	4	440	300	253
09/24/2018	5	450	348	253
09/24/2018	6	450	300	251
09/24/2018	7	460	300	264
09/24/2018	8	490	352	293
09/24/2018	9	546	456	343
09/24/2018	10	647	456	371

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/24/2018	11	647	456	384
09/24/2018	12	580	456	375
09/24/2018	13	550	456	372
09/24/2018	14	647	456	385
09/24/2018	15	647	456	382
09/24/2018	16	602	456	374
09/24/2018	17	517	456	360
09/24/2018	18	463	456	354
09/24/2018	19	500	456	362
09/24/2018	20	456	450	356
09/24/2018	21	456	442	347
09/24/2018	22	456	420	333
09/24/2018	23	456	390	314
09/24/2018	24	380	370	299
09/25/2018	1	600	456	291
09/25/2018	2	580	456	283
09/25/2018	3	520	456	275
09/25/2018	4	480	456	270
09/25/2018	5	460	456	279
09/25/2018	6	550	456	284
09/25/2018	7	548	456	287
09/25/2018	8	580	456	320
09/25/2018	9	590	456	360
09/25/2018	10	647	456	381
09/25/2018	11	647	456	394
09/25/2018	12	580	456	385
09/25/2018	13	550	456	385
09/25/2018	14	647	456	396
09/25/2018	15	647	456	393
09/25/2018	16	647	456	387
09/25/2018	17	583	456	372
09/25/2018	18	501	456	365
09/25/2018	19	632	456	372
09/25/2018	20	456	450	367
09/25/2018	21	456	443	357
09/25/2018	22	456	420	339
09/25/2018	23	456	420	321
09/25/2018	24	456	420	303
09/26/2018	1	610	420	291
09/26/2018	2	590	420	282
09/26/2018	3	520	420	274
09/26/2018	4	480	420	272
09/26/2018	5	460	420	278
09/26/2018	6	550	420	282
09/26/2018	7	548	420	288
09/26/2018	8	580	420	323
09/26/2018	9	647	420	357
09/26/2018	10	647	420	378
09/26/2018	11	647	420	393
09/26/2018	12	647	420	386
09/26/2018	13	647	420	384
09/26/2018	14	647	420	399
09/26/2018	15	647	420	394
09/26/2018	16	647	420	384
09/26/2018	17	647	420	368
09/26/2018	18	647	420	366
09/26/2018	19	647	420	376
09/26/2018	20	647	420	371
09/26/2018	21	450	420	360
09/26/2018	22	420	420	341
09/26/2018	23	420	390	324
09/26/2018	24	420	380	307
09/27/2018	1	590	460	304
09/27/2018	2	550	460	286
09/27/2018	3	500	460	278

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/27/2018	4	480	460	276
09/27/2018	5	460	450	280
09/27/2018	6	500	460	288
09/27/2018	7	548	460	304
09/27/2018	8	580	460	332
09/27/2018	9	647	460	359
09/27/2018	10	647	460	381
09/27/2018	11	647	460	395
09/27/2018	12	580	460	385
09/27/2018	13	565	460	383
09/27/2018	14	647	460	394
09/27/2018	15	647	460	387
09/27/2018	16	599	460	384
09/27/2018	17	500	460	368
09/27/2018	18	460	457	366
09/27/2018	19	542	460	369
09/27/2018	20	465	460	360
09/27/2018	21	460	420	353
09/27/2018	22	460	438	337
09/27/2018	23	460	420	320
09/27/2018	24	460	420	306
09/28/2018	1	614	456	292
09/28/2018	2	544	456	277
09/28/2018	3	494	456	268
09/28/2018	4	470	456	264
09/28/2018	5	456	440	267
09/28/2018	6	480	456	270
09/28/2018	7	520	456	274
09/28/2018	8	580	456	309
09/28/2018	9	647	456	353
09/28/2018	10	647	456	374
09/28/2018	11	647	456	386
09/28/2018	12	580	456	377
09/28/2018	13	565	456	384
09/28/2018	14	647	456	396
09/28/2018	15	647	456	390
09/28/2018	16	599	456	380
09/28/2018	17	500	456	366
09/28/2018	18	457	456	363
09/28/2018	19	550	456	366
09/28/2018	20	508	456	364
09/28/2018	21	484	456	358
09/28/2018	22	484	456	342
09/28/2018	23	456	450	315
09/28/2018	24	456	400	294
09/29/2018	1	618	420	300
09/29/2018	2	544	420	290
09/29/2018	3	541	420	283
09/29/2018	4	500	420	276
09/29/2018	5	460	420	274
09/29/2018	6	460	420	274
09/29/2018	7	460	420	277
09/29/2018	8	520	420	296
09/29/2018	9	521	420	321
09/29/2018	10	567	420	345
09/29/2018	11	647	420	358
09/29/2018	12	630	420	348
09/29/2018	13	580	420	345
09/29/2018	14	600	420	352
09/29/2018	15	588	420	346
09/29/2018	16	514	420	339
09/29/2018	17	470	420	329
09/29/2018	18	470	420	332
09/29/2018	19	550	420	344
09/29/2018	20	524	420	343

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/29/2018	21	512	420	338
09/29/2018	22	501	420	328
09/29/2018	23	500	420	314
09/29/2018	24	454	420	300
09/30/2018	1	580	380	278
09/30/2018	2	520	352	266
09/30/2018	3	480	352	258
09/30/2018	4	450	352	254
09/30/2018	5	463	352	253
09/30/2018	6	480	352	260
09/30/2018	7	520	352	266
09/30/2018	8	500	456	278
09/30/2018	9	548	456	300
09/30/2018	10	550	456	310
09/30/2018	11	580	456	321
09/30/2018	12	520	456	316
09/30/2018	13	492	456	315
09/30/2018	14	573	456	325
09/30/2018	15	540	456	318
09/30/2018	16	480	456	310
09/30/2018	17	456	450	306
09/30/2018	18	457	456	308
09/30/2018	19	580	456	331
09/30/2018	20	507	456	325
09/30/2018	21	470	456	315
09/30/2018	22	480	456	300
09/30/2018	23	456	450	287
09/30/2018	24	456	410	275
10/01/2018	1	570	380	273
10/01/2018	2	510	370	262
10/01/2018	3	460	352	254
10/01/2018	4	420	352	253
10/01/2018	5	410	352	253
10/01/2018	6	420	350	251
10/01/2018	7	430	352	264
10/01/2018	8	470	456	293
10/01/2018	9	509	456	347
10/01/2018	10	567	456	375
10/01/2018	11	647	456	388
10/01/2018	12	580	456	379
10/01/2018	13	550	456	376
10/01/2018	14	647	456	389
10/01/2018	15	647	456	386
10/01/2018	16	610	456	378
10/01/2018	17	456	450	364
10/01/2018	18	456	420	358
10/01/2018	19	550	456	366
10/01/2018	20	507	456	360
10/01/2018	21	456	450	351
10/01/2018	22	456	440	337
10/01/2018	23	456	430	318
10/01/2018	24	456	420	303
10/02/2018	1	590	456	293
10/02/2018	2	520	370	284
10/02/2018	3	580	352	277
10/02/2018	4	427	352	271
10/02/2018	5	550	352	279
10/02/2018	6	420	352	281
10/02/2018	7	430	352	280
10/02/2018	8	647	456	324
10/02/2018	9	647	456	362
10/02/2018	10	647	456	384
10/02/2018	11	647	456	397
10/02/2018	12	612	456	388
10/02/2018	13	570	456	386

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/02/2018	14	647	456	399
10/02/2018	15	647	456	395
10/02/2018	16	647	456	388
10/02/2018	17	480	456	373
10/02/2018	18	472	456	366
10/02/2018	19	550	456	374
10/02/2018	20	507	456	369
10/02/2018	21	456	450	361
10/02/2018	22	456	440	345
10/02/2018	23	456	430	326
10/02/2018	24	456	420	310
10/03/2018	1	610	456	303
10/03/2018	2	553	456	289
10/03/2018	3	531	456	280
10/03/2018	4	500	456	281
10/03/2018	5	550	456	284
10/03/2018	6	500	456	283
10/03/2018	7	456	450	280
10/03/2018	8	580	456	320
10/03/2018	9	647	456	363
10/03/2018	10	647	456	384
10/03/2018	11	647	456	392
10/03/2018	12	612	456	387
10/03/2018	13	570	456	388
10/03/2018	14	647	456	401
10/03/2018	15	647	456	394
10/03/2018	16	647	456	382
10/03/2018	17	480	456	371
10/03/2018	18	470	456	369
10/03/2018	19	550	456	369
10/03/2018	20	507	456	367
10/03/2018	21	456	451	358
10/03/2018	22	456	440	342
10/03/2018	23	456	430	321
10/03/2018	24	456	420	306
10/04/2018	1	590	456	286
10/04/2018	2	520	456	278
10/04/2018	3	500	456	270
10/04/2018	4	456	450	265
10/04/2018	5	500	456	270
10/04/2018	6	563	456	280
10/04/2018	7	570	456	282
10/04/2018	8	576	456	314
10/04/2018	9	606	456	351
10/04/2018	10	647	456	372
10/04/2018	11	647	456	385
10/04/2018	12	612	456	383
10/04/2018	13	570	456	379
10/04/2018	14	647	456	388
10/04/2018	15	628	456	384
10/04/2018	16	550	456	376
10/04/2018	17	464	456	360
10/04/2018	18	470	456	360
10/04/2018	19	538	456	369
10/04/2018	20	523	456	363
10/04/2018	21	456	440	351
10/04/2018	22	456	440	334
10/04/2018	23	456	430	316
10/04/2018	24	456	420	298
10/05/2018	1	600	456	295
10/05/2018	2	530	456	286
10/05/2018	3	500	456	277
10/05/2018	4	460	456	274
10/05/2018	5	510	456	276
10/05/2018	6	560	456	278

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/05/2018	7	480	456	272
10/05/2018	8	500	456	323
10/05/2018	9	536	456	352
10/05/2018	10	555	456	373
10/05/2018	11	602	456	384
10/05/2018	12	553	456	375
10/05/2018	13	544	456	376
10/05/2018	14	647	456	388
10/05/2018	15	647	456	386
10/05/2018	16	647	456	381
10/05/2018	17	456	420	361
10/05/2018	18	456	435	361
10/05/2018	19	538	456	365
10/05/2018	20	523	456	360
10/05/2018	21	477	456	355
10/05/2018	22	460	456	345
10/05/2018	23	456	430	326
10/05/2018	24	456	400	311
10/06/2018	1	496	456	296
10/06/2018	2	485	456	287
10/06/2018	3	500	456	278
10/06/2018	4	480	456	273
10/06/2018	5	480	456	270
10/06/2018	6	470	456	267
10/06/2018	7	462	456	265
10/06/2018	8	500	456	297
10/06/2018	9	520	456	323
10/06/2018	10	590	456	352
10/06/2018	11	600	456	362
10/06/2018	12	552	456	354
10/06/2018	13	544	456	350
10/06/2018	14	647	456	361
10/06/2018	15	575	456	355
10/06/2018	16	550	456	344
10/06/2018	17	500	456	333
10/06/2018	18	518	456	341
10/06/2018	19	539	456	348
10/06/2018	20	503	456	346
10/06/2018	21	477	456	342
10/06/2018	22	460	456	331
10/06/2018	23	456	430	318
10/06/2018	24	456	404	301
10/07/2018	1	541	420	277
10/07/2018	2	500	420	265
10/07/2018	3	480	420	257
10/07/2018	4	420	400	253
10/07/2018	5	450	420	252
10/07/2018	6	519	420	259
10/07/2018	7	520	420	264
10/07/2018	8	524	420	277
10/07/2018	9	536	456	305
10/07/2018	10	550	456	315
10/07/2018	11	580	456	325
10/07/2018	12	497	456	320
10/07/2018	13	517	456	319
10/07/2018	14	550	456	329
10/07/2018	15	520	456	323
10/07/2018	16	484	456	314
10/07/2018	17	456	439	311
10/07/2018	18	500	456	317
10/07/2018	19	528	456	335
10/07/2018	20	500	456	330
10/07/2018	21	466	456	320
10/07/2018	22	456	450	305
10/07/2018	23	456	430	292

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/07/2018	24	456	400	279
10/08/2018	1	540	420	275
10/08/2018	2	480	420	264
10/08/2018	3	460	420	256
10/08/2018	4	420	400	255
10/08/2018	5	440	420	255
10/08/2018	6	460	420	253
10/08/2018	7	470	420	266
10/08/2018	8	510	420	302
10/08/2018	9	537	456	348
10/08/2018	10	550	456	373
10/08/2018	11	580	456	385
10/08/2018	12	497	456	377
10/08/2018	13	541	456	380
10/08/2018	14	647	456	394
10/08/2018	15	647	456	388
10/08/2018	16	550	456	380
10/08/2018	17	500	456	365
10/08/2018	18	480	456	368
10/08/2018	19	525	456	368
10/08/2018	20	480	456	362
10/08/2018	21	456	450	353
10/08/2018	22	456	420	339
10/08/2018	23	456	410	319
10/08/2018	24	456	380	302
10/09/2018	1	564	456	299
10/09/2018	2	480	456	289
10/09/2018	3	460	456	283
10/09/2018	4	456	420	278
10/09/2018	5	528	456	284
10/09/2018	6	518	456	287
10/09/2018	7	500	456	291
10/09/2018	8	580	456	330
10/09/2018	9	647	456	368
10/09/2018	10	647	456	391
10/09/2018	11	647	456	403
10/09/2018	12	647	456	393
10/09/2018	13	647	456	392
10/09/2018	14	647	456	405
10/09/2018	15	647	456	397
10/09/2018	16	546	456	389
10/09/2018	17	545	456	376
10/09/2018	18	480	456	376
10/09/2018	19	525	456	377
10/09/2018	20	480	456	362
10/09/2018	21	456	450	353
10/09/2018	22	456	420	339
10/09/2018	23	456	410	319
10/09/2018	24	456	380	302
10/10/2018	1	580	456	301
10/10/2018	2	500	456	288
10/10/2018	3	480	456	279
10/10/2018	4	464	456	280
10/10/2018	5	489	456	285
10/10/2018	6	456	440	284
10/10/2018	7	500	456	294
10/10/2018	8	551	456	330
10/10/2018	9	631	456	365
10/10/2018	10	647	456	384
10/10/2018	11	647	456	398
10/10/2018	12	647	456	391
10/10/2018	13	647	456	389
10/10/2018	14	647	456	401
10/10/2018	15	647	456	397
10/10/2018	16	647	456	389

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/10/2018	17	545	456	372
10/10/2018	18	480	456	371
10/10/2018	19	647	456	380
10/10/2018	20	526	456	373
10/10/2018	21	456	450	362
10/10/2018	22	456	410	344
10/10/2018	23	456	400	325
10/10/2018	24	456	380	308
10/11/2018	1	580	456	297
10/11/2018	2	500	456	289
10/11/2018	3	480	456	280
10/11/2018	4	464	456	277
10/11/2018	5	489	456	280
10/11/2018	6	456	440	286
10/11/2018	7	500	456	293
10/11/2018	8	551	456	331
10/11/2018	9	631	456	365
10/11/2018	10	647	456	390
10/11/2018	11	647	456	399
10/11/2018	12	647	456	393
10/11/2018	13	647	456	392
10/11/2018	14	647	456	406
10/11/2018	15	647	456	401
10/11/2018	16	647	456	395
10/11/2018	17	545	456	378
10/11/2018	18	480	456	376
10/11/2018	19	647	456	380
10/11/2018	20	526	456	375
10/11/2018	21	456	450	367
10/11/2018	22	456	410	353
10/11/2018	23	456	400	333
10/11/2018	24	456	380	317
10/12/2018	1	600	456	299
10/12/2018	2	520	456	290
10/12/2018	3	480	456	281
10/12/2018	4	456	440	274
10/12/2018	5	480	456	278
10/12/2018	6	500	456	281
10/12/2018	7	520	456	291
10/12/2018	8	621	456	325
10/12/2018	9	647	456	361
10/12/2018	10	647	456	380
10/12/2018	11	647	456	394
10/12/2018	12	550	456	386
10/12/2018	13	561	456	389
10/12/2018	14	647	456	403
10/12/2018	15	647	456	397
10/12/2018	16	647	456	390
10/12/2018	17	560	456	374
10/12/2018	18	464	456	376
10/12/2018	19	578	456	376
10/12/2018	20	531	456	370
10/12/2018	21	490	456	363
10/12/2018	22	456	411	343
10/12/2018	23	456	400	330
10/12/2018	24	456	390	312
10/13/2018	1	601	420	302
10/13/2018	2	525	420	292
10/13/2018	3	501	420	284
10/13/2018	4	500	420	278
10/13/2018	5	487	420	275
10/13/2018	6	481	420	275
10/13/2018	7	481	420	281
10/13/2018	8	610	420	307
10/13/2018	9	634	456	335

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/13/2018	10	647	456	360
10/13/2018	11	647	456	373
10/13/2018	12	600	456	364
10/13/2018	13	604	456	362
10/13/2018	14	647	456	371
10/13/2018	15	617	456	365
10/13/2018	16	545	456	356
10/13/2018	17	545	456	343
10/13/2018	18	540	456	355
10/13/2018	19	600	456	361
10/13/2018	20	590	456	359
10/13/2018	21	587	456	354
10/13/2018	22	569	456	342
10/13/2018	23	556	456	327
10/13/2018	24	456	438	309
10/14/2018	1	550	380	281
10/14/2018	2	480	350	269
10/14/2018	3	450	352	261
10/14/2018	4	420	350	257
10/14/2018	5	410	352	256
10/14/2018	6	440	350	263
10/14/2018	7	470	352	268
10/14/2018	8	480	380	281
10/14/2018	9	514	456	310
10/14/2018	10	530	456	320
10/14/2018	11	581	456	330
10/14/2018	12	516	456	325
10/14/2018	13	480	456	324
10/14/2018	14	647	456	334
10/14/2018	15	559	456	328
10/14/2018	16	500	456	319
10/14/2018	17	480	456	316
10/14/2018	18	456	450	322
10/14/2018	19	647	456	340
10/14/2018	20	581	456	335
10/14/2018	21	480	456	325
10/14/2018	22	456	450	310
10/14/2018	23	456	420	297
10/14/2018	24	456	410	284
10/15/2018	1	560	380	275
10/15/2018	2	460	350	265
10/15/2018	3	440	350	256
10/15/2018	4	410	350	255
10/15/2018	5	430	350	256
10/15/2018	6	440	350	254
10/15/2018	7	470	352	267
10/15/2018	8	480	380	303
10/15/2018	9	514	456	349
10/15/2018	10	530	456	374
10/15/2018	11	647	456	385
10/15/2018	12	647	456	377
10/15/2018	13	647	456	380
10/15/2018	14	647	456	395
10/15/2018	15	647	456	389
10/15/2018	16	647	456	381
10/15/2018	17	480	456	365
10/15/2018	18	456	450	368
10/15/2018	19	608	456	369
10/15/2018	20	580	456	363
10/15/2018	21	520	456	354
10/15/2018	22	490	456	339
10/15/2018	23	456	449	319
10/15/2018	24	456	440	302
10/16/2018	1	592	456	299
10/16/2018	2	568	380	287

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/16/2018	3	504	352	279
10/16/2018	4	430	352	276
10/16/2018	5	460	352	281
10/16/2018	6	520	352	283
10/16/2018	7	550	352	289
10/16/2018	8	580	456	325
10/16/2018	9	612	456	364
10/16/2018	10	647	456	384
10/16/2018	11	647	456	397
10/16/2018	12	647	456	389
10/16/2018	13	647	456	387
10/16/2018	14	647	456	402
10/16/2018	15	647	456	394
10/16/2018	16	647	456	391
10/16/2018	17	480	456	375
10/16/2018	18	456	454	380
10/16/2018	19	592	456	380
10/16/2018	20	585	456	375
10/16/2018	21	500	456	368
10/16/2018	22	490	456	351
10/16/2018	23	456	449	336
10/16/2018	24	456	420	313
10/17/2018	1	580	456	292
10/17/2018	2	551	416	283
10/17/2018	3	520	418	277
10/17/2018	4	460	415	275
10/17/2018	5	530	417	278
10/17/2018	6	548	416	281
10/17/2018	7	500	417	276
10/17/2018	8	580	456	323
10/17/2018	9	590	456	364
10/17/2018	10	647	456	388
10/17/2018	11	647	456	398
10/17/2018	12	647	456	390
10/17/2018	13	647	456	391
10/17/2018	14	647	456	401
10/17/2018	15	647	456	396
10/17/2018	16	647	456	387
10/17/2018	17	500	456	370
10/17/2018	18	456	454	376
10/17/2018	19	518	456	376
10/17/2018	20	500	456	371
10/17/2018	21	480	456	363
10/17/2018	22	490	456	348
10/17/2018	23	456	441	331
10/17/2018	24	456	420	313
10/18/2018	1	621	456	298
10/18/2018	2	600	456	289
10/18/2018	3	500	456	282
10/18/2018	4	500	456	278
10/18/2018	5	566	456	283
10/18/2018	6	560	456	285
10/18/2018	7	500	456	288
10/18/2018	8	500	456	328
10/18/2018	9	600	456	365
10/18/2018	10	630	456	388
10/18/2018	11	630	456	400
10/18/2018	12	630	456	391
10/18/2018	13	630	456	389
10/18/2018	14	630	456	401
10/18/2018	15	630	456	397
10/18/2018	16	630	456	392
10/18/2018	17	630	456	377
10/18/2018	18	630	456	376
10/18/2018	19	630	456	376

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/18/2018	20	630	456	370
10/18/2018	21	622	456	363
10/18/2018	22	546	456	348
10/18/2018	23	490	456	330
10/18/2018	24	460	456	314
10/19/2018	1	588	456	302
10/19/2018	2	550	456	294
10/19/2018	3	500	456	285
10/19/2018	4	500	456	278
10/19/2018	5	582	456	280
10/19/2018	6	560	456	282
10/19/2018	7	550	456	285
10/19/2018	8	600	456	323
10/19/2018	9	600	456	370
10/19/2018	10	630	456	392
10/19/2018	11	630	456	404
10/19/2018	12	630	456	395
10/19/2018	13	630	456	394
10/19/2018	14	630	456	405
10/19/2018	15	630	456	401
10/19/2018	16	630	456	397
10/19/2018	17	630	456	381
10/19/2018	18	630	456	381
10/19/2018	19	630	456	380
10/19/2018	20	630	456	375
10/19/2018	21	550	456	367
10/19/2018	22	520	456	353
10/19/2018	23	460	456	335
10/19/2018	24	456	420	319
10/20/2018	1	600	456	302
10/20/2018	2	591	456	291
10/20/2018	3	517	456	283
10/20/2018	4	505	456	276
10/20/2018	5	560	456	274
10/20/2018	6	560	456	269
10/20/2018	7	500	456	266
10/20/2018	8	600	456	299
10/20/2018	9	600	456	332
10/20/2018	10	620	456	356
10/20/2018	11	630	456	368
10/20/2018	12	630	456	364
10/20/2018	13	630	456	366
10/20/2018	14	630	456	378
10/20/2018	15	630	456	370
10/20/2018	16	609	456	363
10/20/2018	17	500	456	342
10/20/2018	18	500	456	355
10/20/2018	19	550	456	356
10/20/2018	20	630	456	357
10/20/2018	21	611	456	356
10/20/2018	22	520	456	342
10/20/2018	23	460	456	325
10/20/2018	24	460	456	316
10/21/2018	1	560	456	280
10/21/2018	2	500	420	268
10/21/2018	3	470	420	261
10/21/2018	4	440	420	256
10/21/2018	5	420	420	256
10/21/2018	6	448	420	262
10/21/2018	7	510	420	268
10/21/2018	8	600	420	280
10/21/2018	9	630	456	312
10/21/2018	10	630	456	322
10/21/2018	11	630	456	332
10/21/2018	12	630	456	327

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/21/2018	13	630	456	326
10/21/2018	14	630	456	336
10/21/2018	15	630	456	330
10/21/2018	16	556	456	321
10/21/2018	17	550	456	318
10/21/2018	18	630	456	341
10/21/2018	19	630	456	342
10/21/2018	20	630	456	337
10/21/2018	21	580	456	326
10/21/2018	22	480	456	311
10/21/2018	23	456	420	299
10/21/2018	24	456	420	286
10/22/2018	1	553	456	277
10/22/2018	2	508	420	267
10/22/2018	3	470	420	258
10/22/2018	4	440	420	257
10/22/2018	5	420	420	257
10/22/2018	6	420	410	256
10/22/2018	7	500	420	269
10/22/2018	8	600	456	313
10/22/2018	9	630	456	354
10/22/2018	10	630	456	379
10/22/2018	11	630	456	393
10/22/2018	12	630	456	386
10/22/2018	13	630	456	388
10/22/2018	14	630	456	403
10/22/2018	15	630	456	397
10/22/2018	16	630	456	388
10/22/2018	17	630	456	370
10/22/2018	18	630	456	378
10/22/2018	19	630	456	372
10/22/2018	20	630	456	368
10/22/2018	21	580	456	361
10/22/2018	22	520	456	344
10/22/2018	23	460	456	329
10/22/2018	24	456	420	313
10/23/2018	1	630	456	300
10/23/2018	2	550	456	290
10/23/2018	3	480	456	283
10/23/2018	4	456	450	277
10/23/2018	5	484	456	282
10/23/2018	6	506	456	283
10/23/2018	7	550	456	288
10/23/2018	8	600	456	327
10/23/2018	9	630	456	365
10/23/2018	10	630	456	387
10/23/2018	11	630	456	399
10/23/2018	12	630	456	389
10/23/2018	13	630	456	388
10/23/2018	14	630	456	401
10/23/2018	15	630	456	389
10/23/2018	16	630	456	380
10/23/2018	17	630	456	366
10/23/2018	18	580	456	366
10/23/2018	19	630	456	369
10/23/2018	20	630	456	364
10/23/2018	21	564	456	360
10/23/2018	22	501	456	343
10/23/2018	23	464	456	325
10/23/2018	24	456	420	308
10/24/2018	1	600	456	299
10/24/2018	2	570	420	288
10/24/2018	3	500	420	280
10/24/2018	4	489	420	274
10/24/2018	5	556	420	280

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/24/2018	6	510	420	282
10/24/2018	7	550	420	291
10/24/2018	8	630	420	328
10/24/2018	9	630	456	364
10/24/2018	10	630	456	387
10/24/2018	11	630	456	401
10/24/2018	12	630	456	395
10/24/2018	13	630	456	394
10/24/2018	14	630	456	406
10/24/2018	15	630	456	402
10/24/2018	16	630	456	389
10/24/2018	17	580	456	369
10/24/2018	18	630	456	378
10/24/2018	19	630	456	372
10/24/2018	20	630	456	369
10/24/2018	21	550	456	356
10/24/2018	22	500	456	343
10/24/2018	23	456	450	323
10/24/2018	24	456	420	308
10/25/2018	1	600	456	293
10/25/2018	2	570	420	285
10/25/2018	3	470	420	276
10/25/2018	4	450	420	273
10/25/2018	5	556	420	276
10/25/2018	6	510	420	280
10/25/2018	7	550	420	285
10/25/2018	8	630	420	322
10/25/2018	9	647	456	359
10/25/2018	10	647	456	386
10/25/2018	11	647	456	397
10/25/2018	12	647	456	390
10/25/2018	13	647	456	391
10/25/2018	14	647	456	407
10/25/2018	15	647	456	401
10/25/2018	16	647	456	394
10/25/2018	17	647	456	374
10/25/2018	18	647	456	380
10/25/2018	19	647	456	378
10/25/2018	20	577	456	374
10/25/2018	21	550	456	365
10/25/2018	22	500	456	349
10/25/2018	23	456	450	334
10/25/2018	24	456	420	324
10/26/2018	1	610	456	298
10/26/2018	2	580	420	291
10/26/2018	3	460	420	280
10/26/2018	4	450	420	275
10/26/2018	5	550	420	279
10/26/2018	6	510	420	281
10/26/2018	7	580	420	293
10/26/2018	8	647	420	322
10/26/2018	9	647	456	362
10/26/2018	10	647	456	381
10/26/2018	11	647	456	393
10/26/2018	12	647	456	387
10/26/2018	13	647	456	386
10/26/2018	14	647	456	400
10/26/2018	15	647	456	395
10/26/2018	16	647	456	389
10/26/2018	17	580	456	369
10/26/2018	18	647	456	376
10/26/2018	19	647	456	374
10/26/2018	20	556	456	366
10/26/2018	21	530	456	359
10/26/2018	22	462	456	348

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/26/2018	23	456	430	329
10/26/2018	24	456	420	312
10/27/2018	1	550	544	305
10/27/2018	2	470	456	294
10/27/2018	3	456	448	285
10/27/2018	4	460	456	278
10/27/2018	5	580	541	277
10/27/2018	6	500	484	272
10/27/2018	7	500	484	281
10/27/2018	8	550	511	305
10/27/2018	9	600	562	337
10/27/2018	10	600	588	361
10/27/2018	11	600	590	373
10/27/2018	12	590	536	368
10/27/2018	13	580	569	369
10/27/2018	14	630	625	378
10/27/2018	15	590	577	372
10/27/2018	16	532	464	363
10/27/2018	17	456	448	348
10/27/2018	18	550	532	362
10/27/2018	19	550	538	361
10/27/2018	20	545	530	362
10/27/2018	21	536	530	358
10/27/2018	22	530	513	344
10/27/2018	23	500	473	328
10/27/2018	24	500	470	315
10/28/2018	1	550	456	276
10/28/2018	2	480	420	264
10/28/2018	3	450	420	257
10/28/2018	4	420	416	252
10/28/2018	5	420	420	252
10/28/2018	6	470	420	258
10/28/2018	7	479	420	264
10/28/2018	8	480	420	276
10/28/2018	9	480	456	296
10/28/2018	10	500	456	306
10/28/2018	11	520	456	316
10/28/2018	12	480	456	311
10/28/2018	13	460	456	310
10/28/2018	14	500	456	320
10/28/2018	15	470	456	314
10/28/2018	16	456	440	305
10/28/2018	17	456	420	302
10/28/2018	18	500	456	326
10/28/2018	19	510	456	326
10/28/2018	20	456	447	321
10/28/2018	21	456	450	311
10/28/2018	22	456	450	296
10/28/2018	23	456	450	283
10/28/2018	24	456	439	274
10/29/2018	1	530	456	274
10/29/2018	2	497	420	264
10/29/2018	3	420	420	256
10/29/2018	4	420	380	255
10/29/2018	5	420	410	255
10/29/2018	6	450	420	253
10/29/2018	7	440	420	266
10/29/2018	8	480	420	302
10/29/2018	9	480	456	342
10/29/2018	10	500	456	367
10/29/2018	11	580	540	378
10/29/2018	12	480	456	370
10/29/2018	13	580	520	373
10/29/2018	14	647	647	388
10/29/2018	15	576	500	382

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/29/2018	16	500	456	374
10/29/2018	17	456	450	358
10/29/2018	18	460	456	361
10/29/2018	19	510	456	362
10/29/2018	20	456	447	356
10/29/2018	21	456	450	347
10/29/2018	22	456	450	332
10/29/2018	23	456	450	312
10/29/2018	24	456	420	295
10/30/2018	1	450	420	277
10/30/2018	2	450	420	267
10/30/2018	3	450	420	261
10/30/2018	4	450	420	256
10/30/2018	5	450	420	261
10/30/2018	6	450	420	262
10/30/2018	7	450	420	266
10/30/2018	8	456	450	301
10/30/2018	9	456	450	337
10/30/2018	10	456	450	357
10/30/2018	11	456	450	369
10/30/2018	12	456	450	361
10/30/2018	13	456	450	360
10/30/2018	14	456	450	373
10/30/2018	15	456	450	367
10/30/2018	16	456	450	361
10/30/2018	17	456	450	344
10/30/2018	18	456	450	345
10/30/2018	19	456	450	348
10/30/2018	20	456	450	344
10/30/2018	21	456	450	339
10/30/2018	22	456	450	324
10/30/2018	23	456	450	307
10/30/2018	24	456	450	290
10/31/2018	1	450	420	277
10/31/2018	2	450	420	267
10/31/2018	3	450	420	261
10/31/2018	4	450	420	256
10/31/2018	5	450	420	261
10/31/2018	6	450	420	262
10/31/2018	7	450	420	266
10/31/2018	8	456	450	301
10/31/2018	9	456	450	337
10/31/2018	10	456	450	357
10/31/2018	11	456	450	369
10/31/2018	12	456	450	361
10/31/2018	13	456	450	360
10/31/2018	14	456	450	373
10/31/2018	15	456	450	367
10/31/2018	16	456	450	361
10/31/2018	17	456	450	344
10/31/2018	18	456	450	345
10/31/2018	19	456	450	348
10/31/2018	20	456	450	344
10/31/2018	21	456	450	339
10/31/2018	22	456	450	324
10/31/2018	23	456	450	307
10/31/2018	24	456	450	290
11/01/2018	1	225	225	207
11/01/2018	2	225	225	200
11/01/2018	3	225	225	196
11/01/2018	4	225	225	193
11/01/2018	5	225	225	202
11/01/2018	6	225	225	200
11/01/2018	7	225	225	197
11/01/2018	8	225	225	210

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/01/2018	9	225	225	221
11/01/2018	10	225	225	232
11/01/2018	11	272	250	244
11/01/2018	12	251	230	242
11/01/2018	13	259	230	243
11/01/2018	14	266	250	244
11/01/2018	15	262	230	243
11/01/2018	16	225	225	238
11/01/2018	17	225	225	231
11/01/2018	18	278	250	251
11/01/2018	19	300	250	261
11/01/2018	20	300	250	260
11/01/2018	21	225	225	250
11/01/2018	22	225	225	239
11/01/2018	23	225	225	231
11/01/2018	24	225	225	219
11/02/2018	1	450	420	260
11/02/2018	2	450	420	248
11/02/2018	3	450	420	241
11/02/2018	4	420	366	236
11/02/2018	5	445	420	236
11/02/2018	6	450	420	242
11/02/2018	7	420	373	248
11/02/2018	8	420	411	260
11/02/2018	9	420	350	259
11/02/2018	10	420	370	269
11/02/2018	11	456	420	279
11/02/2018	12	456	420	274
11/02/2018	13	456	420	273
11/02/2018	14	456	450	283
11/02/2018	15	456	420	277
11/02/2018	16	456	420	268
11/02/2018	17	456	420	265
11/02/2018	18	456	420	282
11/02/2018	19	456	450	283
11/02/2018	20	456	420	277
11/02/2018	21	420	380	271
11/02/2018	22	420	380	256
11/02/2018	23	420	380	243
11/02/2018	24	420	380	235
11/03/2018	1	300	250	234
11/03/2018	2	251	250	226
11/03/2018	3	250	250	221
11/03/2018	4	225	225	218
11/03/2018	5	250	232	216
11/03/2018	6	225	225	213
11/03/2018	7	250	225	228
11/03/2018	8	250	225	250
11/03/2018	9	250	225	270
11/03/2018	10	375	300	290
11/03/2018	11	350	300	301
11/03/2018	12	350	300	293
11/03/2018	13	332	300	286
11/03/2018	14	350	300	292
11/03/2018	15	300	250	289
11/03/2018	16	300	250	282
11/03/2018	17	300	250	281
11/03/2018	18	340	300	298
11/03/2018	19	340	300	295
11/03/2018	20	350	300	289
11/03/2018	21	303	300	282
11/03/2018	22	300	250	267
11/03/2018	23	300	271	250
11/03/2018	24	300	226	230
11/04/2018	1	480	420	267

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/04/2018	2	450	420	256
11/04/2018	3	450	420	249
11/04/2018	4	420	366	244
11/04/2018	5	445	420	244
11/04/2018	6	450	420	250
11/04/2018	7	420	385	256
11/04/2018	8	450	420	268
11/04/2018	9	500	420	282
11/04/2018	10	500	456	292
11/04/2018	11	550	474	302
11/04/2018	12	499	456	297
11/04/2018	13	480	456	296
11/04/2018	14	550	470	306
11/04/2018	15	500	456	300
11/04/2018	16	480	456	291
11/04/2018	17	500	456	292
11/04/2018	18	560	456	314
11/04/2018	19	539	456	312
11/04/2018	20	500	456	308
11/04/2018	21	480	420	298
11/04/2018	22	450	420	283
11/04/2018	23	420	420	270
11/04/2018	24	420	410	262
11/05/2018	1	453	420	265
11/05/2018	2	421	420	255
11/05/2018	3	420	412	249
11/05/2018	4	420	380	244
11/05/2018	5	450	420	249
11/05/2018	6	450	420	250
11/05/2018	7	420	385	254
11/05/2018	8	420	400	289
11/05/2018	9	500	456	342
11/05/2018	10	500	456	362
11/05/2018	11	626	500	375
11/05/2018	12	500	456	367
11/05/2018	13	500	456	365
11/05/2018	14	619	500	378
11/05/2018	15	542	500	372
11/05/2018	16	500	462	366
11/05/2018	17	500	456	350
11/05/2018	18	500	456	351
11/05/2018	19	500	456	353
11/05/2018	20	456	450	349
11/05/2018	21	456	450	345
11/05/2018	22	456	450	330
11/05/2018	23	456	420	313
11/05/2018	24	456	420	296
11/06/2018	1	550	456	294
11/06/2018	2	500	456	283
11/06/2018	3	480	456	275
11/06/2018	4	456	440	271
11/06/2018	5	460	456	274
11/06/2018	6	480	456	277
11/06/2018	7	470	456	284
11/06/2018	8	502	456	320
11/06/2018	9	576	456	359
11/06/2018	10	647	456	380
11/06/2018	11	647	456	394
11/06/2018	12	647	456	387
11/06/2018	13	647	456	386
11/06/2018	14	647	456	401
11/06/2018	15	647	456	396
11/06/2018	16	647	456	390
11/06/2018	17	545	456	371
11/06/2018	18	546	456	377

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/06/2018	19	647	456	379
11/06/2018	20	561	456	370
11/06/2018	21	540	456	364
11/06/2018	22	500	456	347
11/06/2018	23	480	456	328
11/06/2018	24	456	420	310
11/07/2018	1	551	456	294
11/07/2018	2	500	456	283
11/07/2018	3	480	456	276
11/07/2018	4	460	456	270
11/07/2018	5	550	456	279
11/07/2018	6	480	456	283
11/07/2018	7	456	452	287
11/07/2018	8	502	456	325
11/07/2018	9	647	456	363
11/07/2018	10	647	456	387
11/07/2018	11	647	456	400
11/07/2018	12	647	456	396
11/07/2018	13	647	456	395
11/07/2018	14	647	456	405
11/07/2018	15	647	456	400
11/07/2018	16	647	456	393
11/07/2018	17	545	456	376
11/07/2018	18	647	456	390
11/07/2018	19	647	456	384
11/07/2018	20	647	456	375
11/07/2018	21	559	456	367
11/07/2018	22	520	456	348
11/07/2018	23	500	456	333
11/07/2018	24	456	440	314
11/08/2018	1	647	456	300
11/08/2018	2	500	456	284
11/08/2018	3	480	456	278
11/08/2018	4	460	456	272
11/08/2018	5	500	456	275
11/08/2018	6	504	456	282
11/08/2018	7	485	456	291
11/08/2018	8	502	456	330
11/08/2018	9	550	456	356
11/08/2018	10	647	456	379
11/08/2018	11	647	456	394
11/08/2018	12	647	456	386
11/08/2018	13	647	456	386
11/08/2018	14	647	456	397
11/08/2018	15	647	456	395
11/08/2018	16	647	456	389
11/08/2018	17	545	456	371
11/08/2018	18	647	456	380
11/08/2018	19	647	456	372
11/08/2018	20	647	456	371
11/08/2018	21	625	456	359
11/08/2018	22	542	456	347
11/08/2018	23	500	456	327
11/08/2018	24	456	440	312
11/09/2018	1	500	440	278
11/09/2018	2	453	440	266
11/09/2018	3	441	440	258
11/09/2018	4	440	420	254
11/09/2018	5	440	420	253
11/09/2018	6	440	420	260
11/09/2018	7	440	420	266
11/09/2018	8	450	440	278
11/09/2018	9	510	440	302
11/09/2018	10	565	456	313
11/09/2018	11	580	456	323

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/09/2018	12	558	456	318
11/09/2018	13	532	456	317
11/09/2018	14	647	456	327
11/09/2018	15	580	456	321
11/09/2018	16	563	456	312
11/09/2018	17	525	456	309
11/09/2018	18	647	456	334
11/09/2018	19	616	456	332
11/09/2018	20	500	456	327
11/09/2018	21	456	440	317
11/09/2018	22	456	440	302
11/09/2018	23	456	440	289
11/09/2018	24	456	440	281
11/10/2018	1	500	456	289
11/10/2018	2	456	450	281
11/10/2018	3	456	420	273
11/10/2018	4	456	420	266
11/10/2018	5	456	440	264
11/10/2018	6	456	440	262
11/10/2018	7	456	440	267
11/10/2018	8	456	450	291
11/10/2018	9	475	456	321
11/10/2018	10	550	456	344
11/10/2018	11	550	456	357
11/10/2018	12	550	456	350
11/10/2018	13	528	456	349
11/10/2018	14	605	456	360
11/10/2018	15	500	456	355
11/10/2018	16	500	456	343
11/10/2018	17	483	456	329
11/10/2018	18	500	456	342
11/10/2018	19	546	456	345
11/10/2018	20	456	450	344
11/10/2018	21	456	450	338
11/10/2018	22	456	440	329
11/10/2018	23	456	424	312
11/10/2018	24	456	420	298
11/11/2018	1	500	440	278
11/11/2018	2	453	440	266
11/11/2018	3	441	440	258
11/11/2018	4	440	420	254
11/11/2018	5	440	420	253
11/11/2018	6	440	420	260
11/11/2018	7	440	420	266
11/11/2018	8	450	440	278
11/11/2018	9	510	440	302
11/11/2018	10	565	456	313
11/11/2018	11	580	456	323
11/11/2018	12	558	456	318
11/11/2018	13	532	456	317
11/11/2018	14	647	456	327
11/11/2018	15	580	456	321
11/11/2018	16	563	456	312
11/11/2018	17	525	456	309
11/11/2018	18	647	456	334
11/11/2018	19	616	456	332
11/11/2018	20	500	456	327
11/11/2018	21	456	440	317
11/11/2018	22	456	440	302
11/11/2018	23	456	440	289
11/11/2018	24	456	440	281
11/12/2018	1	520	440	273
11/12/2018	2	440	420	263
11/12/2018	3	440	420	257
11/12/2018	4	440	420	252

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/12/2018	5	440	420	257
11/12/2018	6	440	420	258
11/12/2018	7	440	420	270
11/12/2018	8	450	440	313
11/12/2018	9	510	440	352
11/12/2018	10	560	456	374
11/12/2018	11	630	456	387
11/12/2018	12	531	456	379
11/12/2018	13	532	456	379
11/12/2018	14	647	456	395
11/12/2018	15	580	456	390
11/12/2018	16	563	456	387
11/12/2018	17	525	456	366
11/12/2018	18	580	456	372
11/12/2018	19	550	456	369
11/12/2018	20	480	456	363
11/12/2018	21	456	450	355
11/12/2018	22	456	440	341
11/12/2018	23	456	440	325
11/12/2018	24	456	440	308
11/13/2018	1	520	440	287
11/13/2018	2	440	420	277
11/13/2018	3	440	420	268
11/13/2018	4	440	420	265
11/13/2018	5	440	420	268
11/13/2018	6	440	420	270
11/13/2018	7	440	420	277
11/13/2018	8	450	440	313
11/13/2018	9	510	440	352
11/13/2018	10	560	456	373
11/13/2018	11	630	456	389
11/13/2018	12	531	456	382
11/13/2018	13	532	456	382
11/13/2018	14	647	456	395
11/13/2018	15	580	456	389
11/13/2018	16	563	456	381
11/13/2018	17	525	456	361
11/13/2018	18	580	456	374
11/13/2018	19	550	456	370
11/13/2018	20	480	456	363
11/13/2018	21	456	450	356
11/13/2018	22	456	440	337
11/13/2018	23	456	440	319
11/13/2018	24	456	440	305
11/14/2018	1	543	456	302
11/14/2018	2	450	420	293
11/14/2018	3	450	420	287
11/14/2018	4	420	420	282
11/14/2018	5	510	420	288
11/14/2018	6	450	420	288
11/14/2018	7	420	420	277
11/14/2018	8	580	420	328
11/14/2018	9	580	456	361
11/14/2018	10	640	456	382
11/14/2018	11	647	456	393
11/14/2018	12	500	456	383
11/14/2018	13	456	450	380
11/14/2018	14	456	450	397
11/14/2018	15	456	420	392
11/14/2018	16	456	420	388
11/14/2018	17	456	420	369
11/14/2018	18	456	420	384
11/14/2018	19	456	420	369
11/14/2018	20	456	420	371
11/14/2018	21	456	420	355

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/14/2018	22	456	420	341
11/14/2018	23	456	420	327
11/14/2018	24	456	420	310
11/15/2018	1	544	420	297
11/15/2018	2	544	420	287
11/15/2018	3	475	420	278
11/15/2018	4	441	420	275
11/15/2018	5	440	420	278
11/15/2018	6	420	420	280
11/15/2018	7	450	420	286
11/15/2018	8	500	420	324
11/15/2018	9	550	456	360
11/15/2018	10	647	456	385
11/15/2018	11	647	456	400
11/15/2018	12	580	456	392
11/15/2018	13	580	456	392
11/15/2018	14	647	456	405
11/15/2018	15	647	456	401
11/15/2018	16	617	456	391
11/15/2018	17	580	456	373
11/15/2018	18	647	456	385
11/15/2018	19	647	456	378
11/15/2018	20	565	456	376
11/15/2018	21	500	456	364
11/15/2018	22	494	456	351
11/15/2018	23	480	456	332
11/15/2018	24	520	456	317
11/16/2018	1	500	420	296
11/16/2018	2	450	420	288
11/16/2018	3	450	420	278
11/16/2018	4	450	420	274
11/16/2018	5	450	420	275
11/16/2018	6	500	420	278
11/16/2018	7	550	420	283
11/16/2018	8	600	420	319
11/16/2018	9	647	456	357
11/16/2018	10	647	456	375
11/16/2018	11	550	456	390
11/16/2018	12	500	456	380
11/16/2018	13	456	450	379
11/16/2018	14	456	450	394
11/16/2018	15	456	420	389
11/16/2018	16	456	420	385
11/16/2018	17	456	420	364
11/16/2018	18	456	420	372
11/16/2018	19	456	420	367
11/16/2018	20	456	420	362
11/16/2018	21	456	420	354
11/16/2018	22	456	420	342
11/16/2018	23	456	420	325
11/16/2018	24	456	420	310
11/17/2018	1	550	456	290
11/17/2018	2	550	456	284
11/17/2018	3	550	456	276
11/17/2018	4	550	456	269
11/17/2018	5	550	456	267
11/17/2018	6	550	456	264
11/17/2018	7	550	456	268
11/17/2018	8	550	456	295
11/17/2018	9	550	456	325
11/17/2018	10	550	456	347
11/17/2018	11	550	456	358
11/17/2018	12	550	456	352
11/17/2018	13	550	456	352
11/17/2018	14	550	456	361

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/17/2018	15	550	456	356
11/17/2018	16	550	456	347
11/17/2018	17	550	456	333
11/17/2018	18	550	456	348
11/17/2018	19	550	456	344
11/17/2018	20	550	456	345
11/17/2018	21	550	456	341
11/17/2018	22	550	456	328
11/17/2018	23	550	456	312
11/17/2018	24	550	456	300
11/18/2018	1	550	420	268
11/18/2018	2	452	420	258
11/18/2018	3	456	420	253
11/18/2018	4	420	350	249
11/18/2018	5	470	350	256
11/18/2018	6	456	420	264
11/18/2018	7	550	456	246
11/18/2018	8	550	456	264
11/18/2018	9	550	456	282
11/18/2018	10	550	456	305
11/18/2018	11	550	456	317
11/18/2018	12	550	456	313
11/18/2018	13	550	456	316
11/18/2018	14	550	456	317
11/18/2018	15	550	456	314
11/18/2018	16	550	456	307
11/18/2018	17	550	456	303
11/18/2018	18	550	456	328
11/18/2018	19	550	456	329
11/18/2018	20	550	456	329
11/18/2018	21	550	456	323
11/18/2018	22	550	456	311
11/18/2018	23	550	456	295
11/18/2018	24	550	456	283
11/19/2018	1	550	420	290
11/19/2018	2	550	420	281
11/19/2018	3	528	420	275
11/19/2018	4	450	420	270
11/19/2018	5	550	420	276
11/19/2018	6	550	420	276
11/19/2018	7	462	420	265
11/19/2018	8	533	420	320
11/19/2018	9	550	456	358
11/19/2018	10	550	456	379
11/19/2018	11	550	456	390
11/19/2018	12	550	456	380
11/19/2018	13	550	456	377
11/19/2018	14	550	456	394
11/19/2018	15	550	456	389
11/19/2018	16	500	456	385
11/19/2018	17	472	456	366
11/19/2018	18	550	456	381
11/19/2018	19	550	456	366
11/19/2018	20	550	456	368
11/19/2018	21	550	456	352
11/19/2018	22	539	456	338
11/19/2018	23	530	456	324
11/19/2018	24	456	420	307
11/20/2018	1	550	420	290
11/20/2018	2	550	420	280
11/20/2018	3	500	420	272
11/20/2018	4	450	420	268
11/20/2018	5	510	420	274
11/20/2018	6	550	420	278
11/20/2018	7	470	420	281

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/20/2018	8	533	420	316
11/20/2018	9	550	456	352
11/20/2018	10	647	456	373
11/20/2018	11	647	456	384
11/20/2018	12	578	456	375
11/20/2018	13	612	456	376
11/20/2018	14	647	456	389
11/20/2018	15	647	456	386
11/20/2018	16	614	456	379
11/20/2018	17	495	456	368
11/20/2018	18	580	456	377
11/20/2018	19	550	456	368
11/20/2018	20	543	456	364
11/20/2018	21	500	456	355
11/20/2018	22	480	456	339
11/20/2018	23	456	450	320
11/20/2018	24	456	420	304
11/21/2018	1	550	420	280
11/21/2018	2	520	420	269
11/21/2018	3	550	420	264
11/21/2018	4	530	420	259
11/21/2018	5	570	420	263
11/21/2018	6	580	420	268
11/21/2018	7	580	420	270
11/21/2018	8	580	420	305
11/21/2018	9	600	456	342
11/21/2018	10	647	456	360
11/21/2018	11	647	456	374
11/21/2018	12	600	456	367
11/21/2018	13	600	456	367
11/21/2018	14	647	456	380
11/21/2018	15	647	456	373
11/21/2018	16	614	456	368
11/21/2018	17	539	456	351
11/21/2018	18	584	456	362
11/21/2018	19	550	456	354
11/21/2018	20	543	456	347
11/21/2018	21	500	456	340
11/21/2018	22	480	456	325
11/21/2018	23	456	450	309
11/21/2018	24	456	450	291
11/22/2018	1	580	420	282
11/22/2018	2	530	420	273
11/22/2018	3	500	420	265
11/22/2018	4	450	420	263
11/22/2018	5	530	420	272
11/22/2018	6	580	420	276
11/22/2018	7	580	420	274
11/22/2018	8	600	456	315
11/22/2018	9	647	456	347
11/22/2018	10	647	456	367
11/22/2018	11	647	456	385
11/22/2018	12	557	456	374
11/22/2018	13	530	456	373
11/22/2018	14	647	456	387
11/22/2018	15	647	456	381
11/22/2018	16	605	456	375
11/22/2018	17	543	456	358
11/22/2018	18	546	456	367
11/22/2018	19	550	456	360
11/22/2018	20	500	456	355
11/22/2018	21	480	456	349
11/22/2018	22	460	456	335
11/22/2018	23	456	450	317
11/22/2018	24	456	420	301

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/23/2018	1	570	456	281
11/23/2018	2	540	420	272
11/23/2018	3	500	420	264
11/23/2018	4	440	420	260
11/23/2018	5	520	420	262
11/23/2018	6	550	420	265
11/23/2018	7	580	420	270
11/23/2018	8	590	456	300
11/23/2018	9	647	456	336
11/23/2018	10	647	456	359
11/23/2018	11	647	456	370
11/23/2018	12	549	456	364
11/23/2018	13	500	456	363
11/23/2018	14	647	456	377
11/23/2018	15	580	456	371
11/23/2018	16	530	456	365
11/23/2018	17	500	456	347
11/23/2018	18	531	456	356
11/23/2018	19	500	456	348
11/23/2018	20	476	456	344
11/23/2018	21	460	456	337
11/23/2018	22	456	440	323
11/23/2018	23	456	420	307
11/23/2018	24	456	420	293
11/24/2018	1	570	456	292
11/24/2018	2	540	456	281
11/24/2018	3	500	456	274
11/24/2018	4	480	456	267
11/24/2018	5	520	456	266
11/24/2018	6	550	456	263
11/24/2018	7	580	456	270
11/24/2018	8	590	456	293
11/24/2018	9	600	456	320
11/24/2018	10	600	456	343
11/24/2018	11	647	456	354
11/24/2018	12	600	456	349
11/24/2018	13	600	456	349
11/24/2018	14	647	456	359
11/24/2018	15	647	456	354
11/24/2018	16	600	456	345
11/24/2018	17	500	456	332
11/24/2018	18	647	456	348
11/24/2018	19	544	456	346
11/24/2018	20	500	456	344
11/24/2018	21	460	456	339
11/24/2018	22	527	456	327
11/24/2018	23	456	420	312
11/24/2018	24	456	420	299
11/25/2018	1	530	456	274
11/25/2018	2	490	420	262
11/25/2018	3	480	420	254
11/25/2018	4	420	420	250
11/25/2018	5	440	420	249
11/25/2018	6	460	420	256
11/25/2018	7	470	420	262
11/25/2018	8	500	456	274
11/25/2018	9	520	456	295
11/25/2018	10	540	456	305
11/25/2018	11	550	456	316
11/25/2018	12	500	456	311
11/25/2018	13	500	456	310
11/25/2018	14	580	456	319
11/25/2018	15	530	456	313
11/25/2018	16	500	456	305
11/25/2018	17	480	456	298

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/25/2018	18	550	456	322
11/25/2018	19	530	456	320
11/25/2018	20	500	456	316
11/25/2018	21	456	450	306
11/25/2018	22	456	440	291
11/25/2018	23	456	420	278
11/25/2018	24	456	420	270
11/26/2018	1	540	456	273
11/26/2018	2	480	420	263
11/26/2018	3	460	420	257
11/26/2018	4	420	380	252
11/26/2018	5	430	420	257
11/26/2018	6	450	420	258
11/26/2018	7	470	420	270
11/26/2018	8	500	456	313
11/26/2018	9	505	456	345
11/26/2018	10	540	456	363
11/26/2018	11	647	456	378
11/26/2018	12	500	456	370
11/26/2018	13	500	456	370
11/26/2018	14	647	456	383
11/26/2018	15	550	456	376
11/26/2018	16	500	456	371
11/26/2018	17	480	456	355
11/26/2018	18	550	456	365
11/26/2018	19	530	456	357
11/26/2018	20	500	456	351
11/26/2018	21	456	450	343
11/26/2018	22	456	440	329
11/26/2018	23	456	420	312
11/26/2018	24	456	420	294
11/27/2018	1	580	456	284
11/27/2018	2	540	456	275
11/27/2018	3	456	456	266
11/27/2018	4	456	420	262
11/27/2018	5	456	450	267
11/27/2018	6	462	456	271
11/27/2018	7	456	450	275
11/27/2018	8	480	456	309
11/27/2018	9	520	456	344
11/27/2018	10	540	456	365
11/27/2018	11	647	456	379
11/27/2018	12	602	456	370
11/27/2018	13	574	456	368
11/27/2018	14	647	456	384
11/27/2018	15	647	456	380
11/27/2018	16	573	456	374
11/27/2018	17	500	456	358
11/27/2018	18	580	456	368
11/27/2018	19	530	456	361
11/27/2018	20	500	456	357
11/27/2018	21	460	456	348
11/27/2018	22	456	440	332
11/27/2018	23	456	420	314
11/27/2018	24	456	420	298
11/28/2018	1	580	456	287
11/28/2018	2	540	456	278
11/28/2018	3	456	450	269
11/28/2018	4	456	440	265
11/28/2018	5	494	456	268
11/28/2018	6	520	456	270
11/28/2018	7	545	456	278
11/28/2018	8	576	456	315
11/28/2018	9	580	456	347
11/28/2018	10	647	456	367

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/28/2018	11	647	456	382
11/28/2018	12	647	456	373
11/28/2018	13	647	456	372
11/28/2018	14	647	456	388
11/28/2018	15	647	456	382
11/28/2018	16	647	456	375
11/28/2018	17	500	456	359
11/28/2018	18	580	456	368
11/28/2018	19	514	456	361
11/28/2018	20	490	456	358
11/28/2018	21	470	456	350
11/28/2018	22	456	450	336
11/28/2018	23	456	420	319
11/28/2018	24	456	420	304
11/29/2018	1	580	456	287
11/29/2018	2	540	456	278
11/29/2018	3	456	450	269
11/29/2018	4	456	440	265
11/29/2018	5	494	456	268
11/29/2018	6	520	456	270
11/29/2018	7	545	456	278
11/29/2018	8	576	456	315
11/29/2018	9	580	456	347
11/29/2018	10	647	456	367
11/29/2018	11	647	456	382
11/29/2018	12	647	456	373
11/29/2018	13	647	456	372
11/29/2018	14	647	456	388
11/29/2018	15	647	456	382
11/29/2018	16	647	456	375
11/29/2018	17	500	456	359
11/29/2018	18	580	456	368
11/29/2018	19	514	456	361
11/29/2018	20	490	456	358
11/29/2018	21	470	456	350
11/29/2018	22	456	450	336
11/29/2018	23	456	420	319
11/29/2018	24	456	420	304
11/30/2018	1	587	456	286
11/30/2018	2	556	456	280
11/30/2018	3	550	456	272
11/30/2018	4	575	456	264
11/30/2018	5	528	456	263
11/30/2018	6	520	456	260
11/30/2018	7	545	456	261
11/30/2018	8	550	456	279
11/30/2018	9	550	456	298
11/30/2018	10	580	456	326
11/30/2018	11	647	456	339
11/30/2018	12	580	456	333
11/30/2018	13	539	456	331
11/30/2018	14	647	456	343
11/30/2018	15	647	456	341
11/30/2018	16	580	456	326
11/30/2018	17	500	456	321
11/30/2018	18	580	456	335
11/30/2018	19	647	456	343
11/30/2018	20	562	456	342
11/30/2018	21	500	456	340
11/30/2018	22	500	456	324
11/30/2018	23	480	456	305
11/30/2018	24	490	456	290
12/01/2018	1	587	456	264
12/01/2018	2	556	456	256
12/01/2018	3	550	456	248

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/01/2018	4	575	456	243
12/01/2018	5	528	456	240
12/01/2018	6	456	435	234
12/01/2018	7	545	456	261
12/01/2018	8	550	456	287
12/01/2018	9	570	456	314
12/01/2018	10	580	456	334
12/01/2018	11	647	456	342
12/01/2018	12	580	456	334
12/01/2018	13	539	456	332
12/01/2018	14	630	456	338
12/01/2018	15	600	456	335
12/01/2018	16	580	456	326
12/01/2018	17	480	456	312
12/01/2018	18	580	456	330
12/01/2018	19	565	456	325
12/01/2018	20	562	456	324
12/01/2018	21	562	456	318
12/01/2018	22	500	456	304
12/01/2018	23	490	456	289
12/01/2018	24	490	456	278
12/02/2018	1	546	456	274
12/02/2018	2	477	420	262
12/02/2018	3	460	420	254
12/02/2018	4	420	400	250
12/02/2018	5	470	420	249
12/02/2018	6	510	420	256
12/02/2018	7	520	420	262
12/02/2018	8	550	420	274
12/02/2018	9	524	456	293
12/02/2018	10	555	456	303
12/02/2018	11	580	456	313
12/02/2018	12	500	456	308
12/02/2018	13	480	456	307
12/02/2018	14	510	456	317
12/02/2018	15	480	456	311
12/02/2018	16	470	456	302
12/02/2018	17	460	456	295
12/02/2018	18	550	456	320
12/02/2018	19	500	456	318
12/02/2018	20	490	456	313
12/02/2018	21	470	456	303
12/02/2018	22	456	450	288
12/02/2018	23	456	420	276
12/02/2018	24	456	420	267
12/03/2018	1	520	456	271
12/03/2018	2	468	420	261
12/03/2018	3	452	420	255
12/03/2018	4	420	400	250
12/03/2018	5	470	420	255
12/03/2018	6	501	420	256
12/03/2018	7	500	420	268
12/03/2018	8	580	420	313
12/03/2018	9	647	456	342
12/03/2018	10	647	456	360
12/03/2018	11	647	456	375
12/03/2018	12	548	456	367
12/03/2018	13	577	456	367
12/03/2018	14	647	456	380
12/03/2018	15	580	456	373
12/03/2018	16	550	456	368
12/03/2018	17	500	456	351
12/03/2018	18	550	456	362
12/03/2018	19	500	456	354
12/03/2018	20	470	456	348

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/03/2018	21	456	450	340
12/03/2018	22	456	420	326
12/03/2018	23	456	420	309
12/03/2018	24	456	420	291
12/04/2018	1	530	456	285
12/04/2018	2	470	420	276
12/04/2018	3	450	420	267
12/04/2018	4	420	410	265
12/04/2018	5	495	420	272
12/04/2018	6	550	420	277
12/04/2018	7	500	420	283
12/04/2018	8	603	420	314
12/04/2018	9	647	456	349
12/04/2018	10	647	456	370
12/04/2018	11	647	456	384
12/04/2018	12	567	456	374
12/04/2018	13	647	456	373
12/04/2018	14	647	456	386
12/04/2018	15	642	456	379
12/04/2018	16	580	456	373
12/04/2018	17	505	456	359
12/04/2018	18	647	456	373
12/04/2018	19	472	456	364
12/04/2018	20	470	456	360
12/04/2018	21	456	450	351
12/04/2018	22	456	420	333
12/04/2018	23	456	420	313
12/04/2018	24	456	420	294
12/05/2018	1	500	456	281
12/05/2018	2	475	420	272
12/05/2018	3	420	420	266
12/05/2018	4	420	380	262
12/05/2018	5	494	420	269
12/05/2018	6	500	420	275
12/05/2018	7	480	420	277
12/05/2018	8	550	420	309
12/05/2018	9	647	456	346
12/05/2018	10	647	456	364
12/05/2018	11	647	456	377
12/05/2018	12	567	456	366
12/05/2018	13	647	456	366
12/05/2018	14	647	456	381
12/05/2018	15	591	456	374
12/05/2018	16	540	456	368
12/05/2018	17	505	456	356
12/05/2018	18	596	456	368
12/05/2018	19	480	456	359
12/05/2018	20	456	450	354
12/05/2018	21	456	450	347
12/05/2018	22	456	450	330
12/05/2018	23	456	450	309
12/05/2018	24	456	450	293
12/06/2018	1	500	456	295
12/06/2018	2	475	420	279
12/06/2018	3	420	420	272
12/06/2018	4	420	402	269
12/06/2018	5	482	420	275
12/06/2018	6	480	420	282
12/06/2018	7	480	450	281
12/06/2018	8	580	543	309
12/06/2018	9	600	600	344
12/06/2018	10	625	625	363
12/06/2018	11	647	625	379
12/06/2018	12	580	543	368
12/06/2018	13	556	551	369

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/06/2018	14	647	647	383
12/06/2018	15	635	600	377
12/06/2018	16	580	522	372
12/06/2018	17	550	456	359
12/06/2018	18	630	536	372
12/06/2018	19	550	536	364
12/06/2018	20	550	490	358
12/06/2018	21	541	456	350
12/06/2018	22	456	450	334
12/06/2018	23	456	450	315
12/06/2018	24	456	450	292
12/07/2018	1	513	456	281
12/07/2018	2	487	420	272
12/07/2018	3	420	420	266
12/07/2018	4	420	380	262
12/07/2018	5	480	420	269
12/07/2018	6	500	420	275
12/07/2018	7	480	420	277
12/07/2018	8	550	420	308
12/07/2018	9	580	456	348
12/07/2018	10	647	456	366
12/07/2018	11	647	456	379
12/07/2018	12	567	456	368
12/07/2018	13	647	456	367
12/07/2018	14	647	456	382
12/07/2018	15	611	456	376
12/07/2018	16	537	456	370
12/07/2018	17	489	456	357
12/07/2018	18	548	456	369
12/07/2018	19	480	456	361
12/07/2018	20	456	450	356
12/07/2018	21	480	456	349
12/07/2018	22	456	450	332
12/07/2018	23	456	450	311
12/07/2018	24	456	450	294
12/08/2018	1	513	500	292
12/08/2018	2	500	500	280
12/08/2018	3	500	500	271
12/08/2018	4	500	500	266
12/08/2018	5	531	500	266
12/08/2018	6	550	500	264
12/08/2018	7	550	500	275
12/08/2018	8	550	500	298
12/08/2018	9	578	500	327
12/08/2018	10	647	640	351
12/08/2018	11	647	647	364
12/08/2018	12	622	590	356
12/08/2018	13	600	590	354
12/08/2018	14	647	647	361
12/08/2018	15	647	578	357
12/08/2018	16	625	537	349
12/08/2018	17	581	535	337
12/08/2018	18	637	600	356
12/08/2018	19	617	600	350
12/08/2018	20	600	580	348
12/08/2018	21	590	575	344
12/08/2018	22	500	500	323
12/08/2018	23	500	500	310
12/08/2018	24	500	500	293
12/09/2018	1	580	456	274
12/09/2018	2	470	352	262
12/09/2018	3	428	352	254
12/09/2018	4	380	352	250
12/09/2018	5	480	350	249
12/09/2018	6	500	352	256

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/09/2018	7	480	352	262
12/09/2018	8	500	380	274
12/09/2018	9	520	456	292
12/09/2018	10	500	456	302
12/09/2018	11	505	456	312
12/09/2018	12	480	456	307
12/09/2018	13	480	456	306
12/09/2018	14	520	456	316
12/09/2018	15	500	456	310
12/09/2018	16	480	456	301
12/09/2018	17	456	450	294
12/09/2018	18	580	458	319
12/09/2018	19	550	456	317
12/09/2018	20	520	456	313
12/09/2018	21	456	448	303
12/09/2018	22	456	450	288
12/09/2018	23	456	450	275
12/09/2018	24	456	450	266
12/10/2018	1	570	456	271
12/10/2018	2	470	352	262
12/10/2018	3	419	352	255
12/10/2018	4	380	352	250
12/10/2018	5	480	352	255
12/10/2018	6	500	352	256
12/10/2018	7	480	350	268
12/10/2018	8	532	380	313
12/10/2018	9	610	480	345
12/10/2018	10	647	500	364
12/10/2018	11	647	554	378
12/10/2018	12	580	500	370
12/10/2018	13	591	500	370
12/10/2018	14	647	500	383
12/10/2018	15	597	500	377
12/10/2018	16	550	500	372
12/10/2018	17	500	500	355
12/10/2018	18	580	500	366
12/10/2018	19	550	500	358
12/10/2018	20	542	500	351
12/10/2018	21	500	466	343
12/10/2018	22	456	450	329
12/10/2018	23	456	450	312
12/10/2018	24	456	450	295
12/11/2018	1	600	500	294
12/11/2018	2	580	480	283
12/11/2018	3	570	456	276
12/11/2018	4	520	456	271
12/11/2018	5	580	550	277
12/11/2018	6	590	550	285
12/11/2018	7	550	480	283
12/11/2018	8	550	532	315
12/11/2018	9	647	550	349
12/11/2018	10	647	550	368
12/11/2018	11	647	550	382
12/11/2018	12	550	547	372
12/11/2018	13	550	500	372
12/11/2018	14	647	550	386
12/11/2018	15	647	550	382
12/11/2018	16	647	550	380
12/11/2018	17	647	550	367
12/11/2018	18	647	550	387
12/11/2018	19	647	550	378
12/11/2018	20	647	550	370
12/11/2018	21	580	550	363
12/11/2018	22	580	550	343
12/11/2018	23	569	550	322

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/11/2018	24	550	456	305
12/12/2018	1	600	580	293
12/12/2018	2	560	520	283
12/12/2018	3	530	457	275
12/12/2018	4	500	456	270
12/12/2018	5	580	580	278
12/12/2018	6	590	590	284
12/12/2018	7	550	500	288
12/12/2018	8	550	520	320
12/12/2018	9	647	647	356
12/12/2018	10	647	647	378
12/12/2018	11	647	647	392
12/12/2018	12	647	647	382
12/12/2018	13	647	647	380
12/12/2018	14	647	647	396
12/12/2018	15	647	647	391
12/12/2018	16	647	647	386
12/12/2018	17	580	550	371
12/12/2018	18	647	550	386
12/12/2018	19	647	550	377
12/12/2018	20	647	550	371
12/12/2018	21	580	530	363
12/12/2018	22	550	470	344
12/12/2018	23	550	456	324
12/12/2018	24	500	456	306
12/13/2018	1	500	500	299
12/13/2018	2	510	500	282
12/13/2018	3	500	500	274
12/13/2018	4	500	500	271
12/13/2018	5	638	548	276
12/13/2018	6	646	548	279
12/13/2018	7	548	500	281
12/13/2018	8	640	548	319
12/13/2018	9	604	548	357
12/13/2018	10	647	647	379
12/13/2018	11	647	647	396
12/13/2018	12	623	615	386
12/13/2018	13	604	600	384
12/13/2018	14	647	647	400
12/13/2018	15	647	647	395
12/13/2018	16	647	647	387
12/13/2018	17	647	647	369
12/13/2018	18	647	647	382
12/13/2018	19	647	647	374
12/13/2018	20	647	647	368
12/13/2018	21	647	647	362
12/13/2018	22	647	647	335
12/13/2018	23	608	600	319
12/13/2018	24	600	600	305
12/14/2018	1	500	500	295
12/14/2018	2	500	500	282
12/14/2018	3	500	500	276
12/14/2018	4	500	500	273
12/14/2018	5	540	540	277
12/14/2018	6	646	548	281
12/14/2018	7	548	500	286
12/14/2018	8	640	548	317
12/14/2018	9	604	548	358
12/14/2018	10	647	647	377
12/14/2018	11	647	647	391
12/14/2018	12	615	615	383
12/14/2018	13	600	600	382
12/14/2018	14	647	647	392
12/14/2018	15	647	647	384
12/14/2018	16	647	647	376

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/14/2018	17	600	600	360
12/14/2018	18	647	647	375
12/14/2018	19	647	647	366
12/14/2018	20	615	615	362
12/14/2018	21	575	575	354
12/14/2018	22	550	550	338
12/14/2018	23	525	525	323
12/14/2018	24	500	500	305
12/15/2018	1	580	480	280
12/15/2018	2	550	460	268
12/15/2018	3	500	456	259
12/15/2018	4	507	456	254
12/15/2018	5	537	456	254
12/15/2018	6	480	456	252
12/15/2018	7	550	456	263
12/15/2018	8	550	460	286
12/15/2018	9	550	460	306
12/15/2018	10	580	480	326
12/15/2018	11	550	500	334
12/15/2018	12	500	480	326
12/15/2018	13	480	456	324
12/15/2018	14	560	480	330
12/15/2018	15	510	500	327
12/15/2018	16	480	456	318
12/15/2018	17	456	450	303
12/15/2018	18	580	500	322
12/15/2018	19	560	500	317
12/15/2018	20	518	500	316
12/15/2018	21	500	480	310
12/15/2018	22	480	466	296
12/15/2018	23	456	450	281
12/15/2018	24	456	400	270
12/16/2018	1	580	456	272
12/16/2018	2	520	456	260
12/16/2018	3	500	456	252
12/16/2018	4	480	456	250
12/16/2018	5	500	480	249
12/16/2018	6	500	456	256
12/16/2018	7	490	456	262
12/16/2018	8	550	460	274
12/16/2018	9	550	460	279
12/16/2018	10	580	480	289
12/16/2018	11	550	500	300
12/16/2018	12	500	480	295
12/16/2018	13	480	456	294
12/16/2018	14	600	516	304
12/16/2018	15	580	500	297
12/16/2018	16	480	456	289
12/16/2018	17	456	450	282
12/16/2018	18	580	500	307
12/16/2018	19	560	500	305
12/16/2018	20	518	500	300
12/16/2018	21	500	480	294
12/16/2018	22	480	466	283
12/16/2018	23	456	450	270
12/16/2018	24	456	400	262
12/17/2018	1	580	480	280
12/17/2018	2	520	456	269
12/17/2018	3	500	456	261
12/17/2018	4	480	456	259
12/17/2018	5	500	480	259
12/17/2018	6	500	466	262
12/17/2018	7	490	456	275
12/17/2018	8	565	550	303
12/17/2018	9	575	550	323

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/17/2018	10	647	647	346
12/17/2018	11	647	647	363
12/17/2018	12	623	620	356
12/17/2018	13	600	600	355
12/17/2018	14	647	647	370
12/17/2018	15	647	647	367
12/17/2018	16	647	647	361
12/17/2018	17	600	600	345
12/17/2018	18	625	625	356
12/17/2018	19	550	550	347
12/17/2018	20	525	525	343
12/17/2018	21	500	480	336
12/17/2018	22	500	480	320
12/17/2018	23	500	490	300
12/17/2018	24	456	447	280
12/18/2018	1	580	450	285
12/18/2018	2	550	420	277
12/18/2018	3	500	400	269
12/18/2018	4	450	380	265
12/18/2018	5	480	450	271
12/18/2018	6	500	466	277
12/18/2018	7	470	420	279
12/18/2018	8	515	456	310
12/18/2018	9	550	492	346
12/18/2018	10	580	490	363
12/18/2018	11	600	550	377
12/18/2018	12	580	550	369
12/18/2018	13	570	520	367
12/18/2018	14	647	550	382
12/18/2018	15	647	546	378
12/18/2018	16	647	517	371
12/18/2018	17	580	538	357
12/18/2018	18	603	550	371
12/18/2018	19	543	500	364
12/18/2018	20	525	470	359
12/18/2018	21	500	456	352
12/18/2018	22	500	456	333
12/18/2018	23	500	456	316
12/18/2018	24	480	456	298
12/19/2018	1	580	450	285
12/19/2018	2	550	420	275
12/19/2018	3	500	400	269
12/19/2018	4	450	380	265
12/19/2018	5	480	450	271
12/19/2018	6	500	466	277
12/19/2018	7	470	420	280
12/19/2018	8	515	456	311
12/19/2018	9	550	492	346
12/19/2018	10	580	490	367
12/19/2018	11	600	550	381
12/19/2018	12	580	550	372
12/19/2018	13	570	520	370
12/19/2018	14	647	550	385
12/19/2018	15	647	546	380
12/19/2018	16	647	517	373
12/19/2018	17	580	538	358
12/19/2018	18	603	550	371
12/19/2018	19	543	500	363
12/19/2018	20	525	470	359
12/19/2018	21	500	456	352
12/19/2018	22	500	456	336
12/19/2018	23	500	456	314
12/19/2018	24	480	456	298
12/20/2018	1	590	451	290
12/20/2018	2	530	450	281

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/20/2018	3	540	400	273
12/20/2018	4	430	400	270
12/20/2018	5	497	450	274
12/20/2018	6	571	470	280
12/20/2018	7	501	461	281
12/20/2018	8	560	490	314
12/20/2018	9	570	500	350
12/20/2018	10	625	576	368
12/20/2018	11	647	630	383
12/20/2018	12	557	550	369
12/20/2018	13	550	535	367
12/20/2018	14	647	627	379
12/20/2018	15	566	530	373
12/20/2018	16	540	500	370
12/20/2018	17	570	500	357
12/20/2018	18	602	515	372
12/20/2018	19	574	515	362
12/20/2018	20	550	476	355
12/20/2018	21	550	456	348
12/20/2018	22	550	456	335
12/20/2018	23	550	456	318
12/20/2018	24	500	456	294
12/21/2018	1	450	450	270
12/21/2018	2	450	450	260
12/21/2018	3	450	450	254
12/21/2018	4	450	450	247
12/21/2018	5	450	450	246
12/21/2018	6	450	450	247
12/21/2018	7	550	420	262
12/21/2018	8	560	456	294
12/21/2018	9	570	480	330
12/21/2018	10	590	490	346
12/21/2018	11	600	550	358
12/21/2018	12	580	550	345
12/21/2018	13	550	535	345
12/21/2018	14	625	582	358
12/21/2018	15	592	525	348
12/21/2018	16	588	517	345
12/21/2018	17	580	469	334
12/21/2018	18	600	524	345
12/21/2018	19	576	555	337
12/21/2018	20	509	456	333
12/21/2018	21	500	456	327
12/21/2018	22	500	456	310
12/21/2018	23	500	456	297
12/21/2018	24	480	456	281
12/22/2018	1	590	450	276
12/22/2018	2	550	420	264
12/22/2018	3	529	400	255
12/22/2018	4	450	350	250
12/22/2018	5	456	350	250
12/22/2018	6	460	400	248
12/22/2018	7	500	420	259
12/22/2018	8	520	456	270
12/22/2018	9	526	456	279
12/22/2018	10	550	456	290
12/22/2018	11	580	456	299
12/22/2018	12	468	456	290
12/22/2018	13	456	450	288
12/22/2018	14	580	456	294
12/22/2018	15	550	456	291
12/22/2018	16	500	456	283
12/22/2018	17	480	456	276
12/22/2018	18	570	456	298
12/22/2018	19	550	456	293

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/22/2018	20	500	456	292
12/22/2018	21	480	456	286
12/22/2018	22	456	450	272
12/22/2018	23	456	420	257
12/22/2018	24	456	380	247
12/23/2018	1	520	420	256
12/23/2018	2	480	380	244
12/23/2018	3	460	350	236
12/23/2018	4	420	350	234
12/23/2018	5	430	350	233
12/23/2018	6	460	380	236
12/23/2018	7	470	400	242
12/23/2018	8	497	456	246
12/23/2018	9	524	456	252
12/23/2018	10	550	456	262
12/23/2018	11	580	456	272
12/23/2018	12	468	456	267
12/23/2018	13	456	450	266
12/23/2018	14	580	456	276
12/23/2018	15	550	456	270
12/23/2018	16	500	456	261
12/23/2018	17	480	456	254
12/23/2018	18	570	456	279
12/23/2018	19	550	456	277
12/23/2018	20	544	456	273
12/23/2018	21	480	456	266
12/23/2018	22	456	450	260
12/23/2018	23	456	420	251
12/23/2018	24	456	380	246
12/24/2018	1	350	300	237
12/24/2018	2	300	257	229
12/24/2018	3	300	251	221
12/24/2018	4	300	233	214
12/24/2018	5	300	232	211
12/24/2018	6	300	226	209
12/24/2018	7	300	236	219
12/24/2018	8	350	252	230
12/24/2018	9	350	314	251
12/24/2018	10	425	369	268
12/24/2018	11	450	400	274
12/24/2018	12	450	426	272
12/24/2018	13	472	450	274
12/24/2018	14	482	450	277
12/24/2018	15	449	440	276
12/24/2018	16	425	400	270
12/24/2018	17	400	400	268
12/24/2018	18	550	550	295
12/24/2018	19	519	500	294
12/24/2018	20	456	450	279
12/24/2018	21	379	375	268
12/24/2018	22	315	310	260
12/24/2018	23	313	310	254
12/24/2018	24	300	287	245
12/25/2018	1	450	380	252
12/25/2018	2	405	350	240
12/25/2018	3	350	318	232
12/25/2018	4	350	240	230
12/25/2018	5	350	298	229
12/25/2018	6	368	350	232
12/25/2018	7	376	350	238
12/25/2018	8	456	356	246
12/25/2018	9	456	330	247
12/25/2018	10	456	390	257
12/25/2018	11	456	420	267
12/25/2018	12	456	391	262

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/25/2018	13	456	365	261
12/25/2018	14	456	450	271
12/25/2018	15	456	390	265
12/25/2018	16	456	360	256
12/25/2018	17	456	225	249
12/25/2018	18	456	414	274
12/25/2018	19	456	414	272
12/25/2018	20	456	391	268
12/25/2018	21	456	338	261
12/25/2018	22	456	292	254
12/25/2018	23	456	292	246
12/25/2018	24	456	292	241
12/26/2018	1	450	380	256
12/26/2018	2	443	350	248
12/26/2018	3	380	350	239
12/26/2018	4	350	350	234
12/26/2018	5	380	350	234
12/26/2018	6	350	350	232
12/26/2018	7	376	350	243
12/26/2018	8	456	450	270
12/26/2018	9	500	463	296
12/26/2018	10	520	470	315
12/26/2018	11	550	480	324
12/26/2018	12	520	456	315
12/26/2018	13	510	456	313
12/26/2018	14	550	456	319
12/26/2018	15	530	456	316
12/26/2018	16	500	456	307
12/26/2018	17	480	456	293
12/26/2018	18	550	480	311
12/26/2018	19	540	456	306
12/26/2018	20	500	456	305
12/26/2018	21	480	456	299
12/26/2018	22	456	450	285
12/26/2018	23	456	435	270
12/26/2018	24	456	400	260
12/27/2018	1	450	400	235
12/27/2018	2	443	365	228
12/27/2018	3	400	377	223
12/27/2018	4	377	350	219
12/27/2018	5	461	377	223
12/27/2018	6	460	350	228
12/27/2018	7	359	350	235
12/27/2018	8	400	350	254
12/27/2018	9	500	456	285
12/27/2018	10	510	456	300
12/27/2018	11	520	467	312
12/27/2018	12	456	400	303
12/27/2018	13	456	400	301
12/27/2018	14	500	456	310
12/27/2018	15	500	456	307
12/27/2018	16	500	456	304
12/27/2018	17	456	450	294
12/27/2018	18	500	468	306
12/27/2018	19	506	470	299
12/27/2018	20	461	456	293
12/27/2018	21	456	433	288
12/27/2018	22	480	471	276
12/27/2018	23	456	435	260
12/27/2018	24	400	360	244
12/28/2018	1	450	400	224
12/28/2018	2	418	365	217
12/28/2018	3	400	352	212
12/28/2018	4	350	325	208
12/28/2018	5	377	350	212

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/28/2018	6	350	300	217
12/28/2018	7	359	350	223
12/28/2018	8	400	350	243
12/28/2018	9	420	420	273
12/28/2018	10	425	425	289
12/28/2018	11	475	456	301
12/28/2018	12	400	400	291
12/28/2018	13	400	400	290
12/28/2018	14	455	450	299
12/28/2018	15	450	428	296
12/28/2018	16	455	450	293
12/28/2018	17	400	400	283
12/28/2018	18	458	425	295
12/28/2018	19	450	442	288
12/28/2018	20	401	400	282
12/28/2018	21	400	400	277
12/28/2018	22	450	434	265
12/28/2018	23	400	391	249
12/28/2018	24	382	360	232
12/29/2018	1	480	400	252
12/29/2018	2	450	350	240
12/29/2018	3	400	350	232
12/29/2018	4	380	350	230
12/29/2018	5	450	380	229
12/29/2018	6	480	380	232
12/29/2018	7	464	380	238
12/29/2018	8	482	456	242
12/29/2018	9	500	456	256
12/29/2018	10	510	456	265
12/29/2018	11	521	456	275
12/29/2018	12	520	456	270
12/29/2018	13	510	456	269
12/29/2018	14	550	456	279
12/29/2018	15	541	456	273
12/29/2018	16	462	456	264
12/29/2018	17	456	450	257
12/29/2018	18	521	456	275
12/29/2018	19	517	456	273
12/29/2018	20	500	456	269
12/29/2018	21	480	456	262
12/29/2018	22	458	456	256
12/29/2018	23	456	435	247
12/29/2018	24	456	430	242
12/30/2018	1	480	400	248
12/30/2018	2	450	350	236
12/30/2018	3	400	350	228
12/30/2018	4	380	350	226
12/30/2018	5	450	380	225
12/30/2018	6	480	380	228
12/30/2018	7	464	380	234
12/30/2018	8	480	456	238
12/30/2018	9	498	456	242
12/30/2018	10	520	456	252
12/30/2018	11	530	456	262
12/30/2018	12	520	456	257
12/30/2018	13	510	456	256
12/30/2018	14	550	456	266
12/30/2018	15	541	456	260
12/30/2018	16	462	456	251
12/30/2018	17	456	450	244
12/30/2018	18	550	456	269
12/30/2018	19	534	456	267
12/30/2018	20	500	456	262
12/30/2018	21	480	456	256
12/30/2018	22	456	454	249

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/30/2018	23	456	435	241
12/30/2018	24	456	430	236
12/31/2018	1	480	400	231
12/31/2018	2	450	350	218
12/31/2018	3	400	350	207
12/31/2018	4	380	350	200
12/31/2018	5	403	380	198
12/31/2018	6	350	312	193
12/31/2018	7	375	350	213
12/31/2018	8	480	409	223
12/31/2018	9	480	400	242
12/31/2018	10	500	420	259
12/31/2018	11	520	440	271
12/31/2018	12	500	440	269
12/31/2018	13	500	440	266
12/31/2018	14	510	434	268
12/31/2018	15	495	400	264
12/31/2018	16	462	400	260
12/31/2018	17	450	400	260
12/31/2018	18	550	450	285
12/31/2018	19	534	494	285
12/31/2018	20	500	407	269
12/31/2018	21	435	400	260
12/31/2018	22	400	400	251
12/31/2018	23	400	400	244
12/31/2018	24	430	400	237
01/01/2019	1	365	361	203
01/01/2019	2	359	330	194
01/01/2019	3	340	320	190
01/01/2019	4	332	327	188
01/01/2019	5	400	390	190
01/01/2019	6	419	390	200
01/01/2019	7	300	300	174
01/01/2019	8	333	330	178
01/01/2019	9	300	235	185
01/01/2019	10	300	291	193
01/01/2019	11	330	325	202
01/01/2019	12	399	389	213
01/01/2019	13	409	400	213
01/01/2019	14	409	400	214
01/01/2019	15	382	357	213
01/01/2019	16	380	359	211
01/01/2019	17	385	350	213
01/01/2019	18	425	425	242
01/01/2019	19	495	490	249
01/01/2019	20	475	470	246
01/01/2019	21	450	435	242
01/01/2019	22	426	400	232
01/01/2019	23	375	359	220
01/01/2019	24	325	311	210
01/02/2019	1	520	420	252
01/02/2019	2	480	380	241
01/02/2019	3	450	350	233
01/02/2019	4	420	350	230
01/02/2019	5	450	380	229
01/02/2019	6	480	380	232
01/02/2019	7	464	450	238
01/02/2019	8	509	456	250
01/02/2019	9	500	456	275
01/02/2019	10	510	456	293
01/02/2019	11	555	456	299
01/02/2019	12	480	456	294
01/02/2019	13	456	453	293
01/02/2019	14	550	456	303
01/02/2019	15	508	456	297

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/02/2019	16	456	450	288
01/02/2019	17	456	450	281
01/02/2019	18	521	456	299
01/02/2019	19	517	456	297
01/02/2019	20	500	456	292
01/02/2019	21	460	456	286
01/02/2019	22	458	456	279
01/02/2019	23	456	430	270
01/02/2019	24	456	430	266
01/03/2019	1	551	420	247
01/03/2019	2	480	400	237
01/03/2019	3	450	350	232
01/03/2019	4	432	350	229
01/03/2019	5	480	380	232
01/03/2019	6	500	409	237
01/03/2019	7	485	400	243
01/03/2019	8	509	456	263
01/03/2019	9	500	456	296
01/03/2019	10	510	456	314
01/03/2019	11	580	456	328
01/03/2019	12	520	456	319
01/03/2019	13	530	456	320
01/03/2019	14	580	456	328
01/03/2019	15	580	456	324
01/03/2019	16	500	456	319
01/03/2019	17	456	450	311
01/03/2019	18	521	456	326
01/03/2019	19	517	456	320
01/03/2019	20	500	456	312
01/03/2019	21	460	456	304
01/03/2019	22	458	456	292
01/03/2019	23	456	430	274
01/03/2019	24	456	420	259
01/04/2019	1	550	444	261
01/04/2019	2	500	425	252
01/04/2019	3	440	350	245
01/04/2019	4	400	350	242
01/04/2019	5	460	380	245
01/04/2019	6	480	400	249
01/04/2019	7	485	400	254
01/04/2019	8	509	456	282
01/04/2019	9	500	456	314
01/04/2019	10	647	500	331
01/04/2019	11	647	523	342
01/04/2019	12	520	456	335
01/04/2019	13	500	456	332
01/04/2019	14	647	516	344
01/04/2019	15	580	506	337
01/04/2019	16	500	480	334
01/04/2019	17	480	463	330
01/04/2019	18	647	486	337
01/04/2019	19	647	456	331
01/04/2019	20	534	456	322
01/04/2019	21	478	456	316
01/04/2019	22	536	456	302
01/04/2019	23	468	456	287
01/04/2019	24	456	420	271
01/05/2019	1	580	441	262
01/05/2019	2	531	428	254
01/05/2019	3	500	380	247
01/05/2019	4	403	352	244
01/05/2019	5	460	400	243
01/05/2019	6	480	400	244
01/05/2019	7	485	400	246
01/05/2019	8	500	456	266

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/05/2019	9	500	456	291
01/05/2019	10	550	460	314
01/05/2019	11	580	464	326
01/05/2019	12	520	456	318
01/05/2019	13	500	456	315
01/05/2019	14	550	456	320
01/05/2019	15	516	456	314
01/05/2019	16	500	456	308
01/05/2019	17	480	456	300
01/05/2019	18	580	472	320
01/05/2019	19	576	458	318
01/05/2019	20	520	456	315
01/05/2019	21	500	456	310
01/05/2019	22	490	456	300
01/05/2019	23	468	456	286
01/05/2019	24	456	420	269
01/06/2019	1	580	513	264
01/06/2019	2	500	456	252
01/06/2019	3	480	456	244
01/06/2019	4	456	450	242
01/06/2019	5	482	456	241
01/06/2019	6	500	456	248
01/06/2019	7	485	456	254
01/06/2019	8	500	463	266
01/06/2019	9	500	460	272
01/06/2019	10	647	500	283
01/06/2019	11	647	537	293
01/06/2019	12	520	456	288
01/06/2019	13	500	456	287
01/06/2019	14	595	500	297
01/06/2019	15	550	456	291
01/06/2019	16	500	456	282
01/06/2019	17	480	456	275
01/06/2019	18	647	512	300
01/06/2019	19	647	537	298
01/06/2019	20	576	500	293
01/06/2019	21	456	453	287
01/06/2019	22	490	456	276
01/06/2019	23	468	456	263
01/06/2019	24	456	420	255
01/07/2019	1	600	550	272
01/07/2019	2	565	500	261
01/07/2019	3	515	456	253
01/07/2019	4	480	456	251
01/07/2019	5	485	456	251
01/07/2019	6	485	456	254
01/07/2019	7	485	456	271
01/07/2019	8	563	456	303
01/07/2019	9	580	456	319
01/07/2019	10	647	554	341
01/07/2019	11	647	647	358
01/07/2019	12	647	570	352
01/07/2019	13	647	543	350
01/07/2019	14	647	647	366
01/07/2019	15	647	647	362
01/07/2019	16	647	647	356
01/07/2019	17	647	550	340
01/07/2019	18	647	548	352
01/07/2019	19	647	500	343
01/07/2019	20	647	571	338
01/07/2019	21	583	500	332
01/07/2019	22	598	580	315
01/07/2019	23	580	579	296
01/07/2019	24	480	456	276
01/08/2019	1	590	540	261

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/08/2019	2	550	500	250
01/08/2019	3	500	456	243
01/08/2019	4	480	456	242
01/08/2019	5	490	456	247
01/08/2019	6	500	456	254
01/08/2019	7	520	456	258
01/08/2019	8	563	456	280
01/08/2019	9	556	456	316
01/08/2019	10	580	480	337
01/08/2019	11	647	500	349
01/08/2019	12	550	480	343
01/08/2019	13	513	480	339
01/08/2019	14	647	547	354
01/08/2019	15	580	520	352
01/08/2019	16	550	500	347
01/08/2019	17	550	540	334
01/08/2019	18	568	550	344
01/08/2019	19	550	540	338
01/08/2019	20	520	500	332
01/08/2019	21	500	480	323
01/08/2019	22	490	456	307
01/08/2019	23	580	500	290
01/08/2019	24	458	456	274
01/09/2019	1	600	550	273
01/09/2019	2	580	520	270
01/09/2019	3	550	500	264
01/09/2019	4	500	456	260
01/09/2019	5	550	460	266
01/09/2019	6	570	470	273
01/09/2019	7	580	480	270
01/09/2019	8	647	532	300
01/09/2019	9	647	647	332
01/09/2019	10	647	647	352
01/09/2019	11	647	647	366
01/09/2019	12	647	647	357
01/09/2019	13	647	647	356
01/09/2019	14	647	647	368
01/09/2019	15	647	647	365
01/09/2019	16	647	647	359
01/09/2019	17	647	647	346
01/09/2019	18	647	647	354
01/09/2019	19	647	647	354
01/09/2019	20	647	567	346
01/09/2019	21	580	550	336
01/09/2019	22	550	520	317
01/09/2019	23	514	490	294
01/09/2019	24	480	456	282
01/10/2019	1	580	500	259
01/10/2019	2	513	480	251
01/10/2019	3	480	420	246
01/10/2019	4	548	350	242
01/10/2019	5	548	360	244
01/10/2019	6	548	440	251
01/10/2019	7	548	480	256
01/10/2019	8	548	490	281
01/10/2019	9	548	500	313
01/10/2019	10	558	540	332
01/10/2019	11	647	620	346
01/10/2019	12	568	500	337
01/10/2019	13	550	480	333
01/10/2019	14	647	501	342
01/10/2019	15	581	500	338
01/10/2019	16	550	480	334
01/10/2019	17	540	470	328
01/10/2019	18	647	541	344

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/10/2019	19	580	520	334
01/10/2019	20	550	500	324
01/10/2019	21	500	470	318
01/10/2019	22	480	459	306
01/10/2019	23	456	450	286
01/10/2019	24	456	420	271
01/11/2019	1	593	470	263
01/11/2019	2	520	469	256
01/11/2019	3	420	400	250
01/11/2019	4	480	353	247
01/11/2019	5	480	389	251
01/11/2019	6	443	440	254
01/11/2019	7	480	440	257
01/11/2019	8	480	470	290
01/11/2019	9	500	480	324
01/11/2019	10	647	580	341
01/11/2019	11	647	647	355
01/11/2019	12	647	550	347
01/11/2019	13	647	586	347
01/11/2019	14	647	647	357
01/11/2019	15	647	647	350
01/11/2019	16	583	550	340
01/11/2019	17	550	539	333
01/11/2019	18	647	647	347
01/11/2019	19	647	578	341
01/11/2019	20	550	502	334
01/11/2019	21	520	500	326
01/11/2019	22	480	456	305
01/11/2019	23	456	450	292
01/11/2019	24	456	420	276
01/12/2019	1	579	559	264
01/12/2019	2	469	456	255
01/12/2019	3	456	454	247
01/12/2019	4	429	420	244
01/12/2019	5	452	450	242
01/12/2019	6	500	499	248
01/12/2019	7	539	534	264
01/12/2019	8	505	504	271
01/12/2019	9	456	405	297
01/12/2019	10	640	619	317
01/12/2019	11	647	647	333
01/12/2019	12	589	581	328
01/12/2019	13	586	567	326
01/12/2019	14	647	647	333
01/12/2019	15	647	645	328
01/12/2019	16	558	550	322
01/12/2019	17	503	500	310
01/12/2019	18	585	577	325
01/12/2019	19	647	647	328
01/12/2019	20	597	567	323
01/12/2019	21	506	500	316
01/12/2019	22	578	537	303
01/12/2019	23	515	493	287
01/12/2019	24	475	471	273
01/13/2019	1	580	550	262
01/13/2019	2	550	495	250
01/13/2019	3	500	450	242
01/13/2019	4	450	404	238
01/13/2019	5	440	387	237
01/13/2019	6	480	420	244
01/13/2019	7	550	483	250
01/13/2019	8	560	510	262
01/13/2019	9	647	546	282
01/13/2019	10	647	647	292
01/13/2019	11	647	647	302

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/13/2019	12	647	647	297
01/13/2019	13	647	647	296
01/13/2019	14	647	647	306
01/13/2019	15	647	647	300
01/13/2019	16	647	545	291
01/13/2019	17	580	500	284
01/13/2019	18	647	647	309
01/13/2019	19	647	647	307
01/13/2019	20	647	647	303
01/13/2019	21	607	574	292
01/13/2019	22	570	550	278
01/13/2019	23	477	456	265
01/13/2019	24	456	420	256
01/14/2019	1	600	550	259
01/14/2019	2	580	495	252
01/14/2019	3	500	450	246
01/14/2019	4	450	420	243
01/14/2019	5	440	400	247
01/14/2019	6	480	440	250
01/14/2019	7	450	420	252
01/14/2019	8	560	488	286
01/14/2019	9	580	546	330
01/14/2019	10	582	580	356
01/14/2019	11	647	647	370
01/14/2019	12	580	567	362
01/14/2019	13	612	550	362
01/14/2019	14	647	647	371
01/14/2019	15	647	585	365
01/14/2019	16	580	550	354
01/14/2019	17	546	500	347
01/14/2019	18	647	647	362
01/14/2019	19	647	570	356
01/14/2019	20	580	550	348
01/14/2019	21	557	520	340
01/14/2019	22	500	464	320
01/14/2019	23	480	456	306
01/14/2019	24	456	450	290
01/15/2019	1	600	550	262
01/15/2019	2	580	520	254
01/15/2019	3	550	460	246
01/15/2019	4	524	456	244
01/15/2019	5	580	480	252
01/15/2019	6	600	570	263
01/15/2019	7	600	553	261
01/15/2019	8	647	647	293
01/15/2019	9	647	647	326
01/15/2019	10	647	647	346
01/15/2019	11	647	647	359
01/15/2019	12	647	647	351
01/15/2019	13	647	647	347
01/15/2019	14	647	647	356
01/15/2019	15	647	647	355
01/15/2019	16	647	647	352
01/15/2019	17	580	526	339
01/15/2019	18	647	580	344
01/15/2019	19	647	580	343
01/15/2019	20	580	550	336
01/15/2019	21	550	524	327
01/15/2019	22	500	462	309
01/15/2019	23	476	456	292
01/15/2019	24	456	450	275
01/16/2019	1	600	550	262
01/16/2019	2	580	520	254
01/16/2019	3	550	460	246
01/16/2019	4	524	456	244

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/16/2019	5	580	480	252
01/16/2019	6	600	570	263
01/16/2019	7	600	553	261
01/16/2019	8	647	647	293
01/16/2019	9	647	647	326
01/16/2019	10	647	647	346
01/16/2019	11	647	647	359
01/16/2019	12	647	647	351
01/16/2019	13	647	647	347
01/16/2019	14	647	647	356
01/16/2019	15	647	647	355
01/16/2019	16	647	647	352
01/16/2019	17	580	526	339
01/16/2019	18	647	580	344
01/16/2019	19	647	580	343
01/16/2019	20	580	550	336
01/16/2019	21	550	524	327
01/16/2019	22	500	462	309
01/16/2019	23	476	456	292
01/16/2019	24	456	450	275
01/17/2019	1	647	456	261
01/17/2019	2	647	456	254
01/17/2019	3	647	456	248
01/17/2019	4	647	456	245
01/17/2019	5	647	456	252
01/17/2019	6	647	456	263
01/17/2019	7	580	519	253
01/17/2019	8	647	647	290
01/17/2019	9	647	647	321
01/17/2019	10	647	647	340
01/17/2019	11	647	647	354
01/17/2019	12	647	647	345
01/17/2019	13	647	647	343
01/17/2019	14	647	647	357
01/17/2019	15	647	647	353
01/17/2019	16	647	647	349
01/17/2019	17	580	550	322
01/17/2019	18	647	607	328
01/17/2019	19	647	620	329
01/17/2019	20	647	647	320
01/17/2019	21	647	352	310
01/17/2019	22	580	352	294
01/17/2019	23	550	352	277
01/17/2019	24	542	352	264
01/18/2019	1	647	647	250
01/18/2019	2	580	550	243
01/18/2019	3	550	500	236
01/18/2019	4	520	450	235
01/18/2019	5	580	470	242
01/18/2019	6	590	500	254
01/18/2019	7	600	517	254
01/18/2019	8	647	647	287
01/18/2019	9	647	647	323
01/18/2019	10	647	647	348
01/18/2019	11	647	647	361
01/18/2019	12	647	647	353
01/18/2019	13	647	647	349
01/18/2019	14	647	647	361
01/18/2019	15	647	647	360
01/18/2019	16	647	647	356
01/18/2019	17	647	647	343
01/18/2019	18	647	647	348
01/18/2019	19	647	647	346
01/18/2019	20	647	647	339
01/18/2019	21	589	560	329

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/18/2019	22	515	480	311
01/18/2019	23	533	463	295
01/18/2019	24	480	420	278
01/19/2019	1	647	352	258
01/19/2019	2	647	352	251
01/19/2019	3	647	352	246
01/19/2019	4	647	352	241
01/19/2019	5	647	352	242
01/19/2019	6	647	352	246
01/19/2019	7	647	450	251
01/19/2019	8	647	647	269
01/19/2019	9	647	647	295
01/19/2019	10	647	647	317
01/19/2019	11	647	647	330
01/19/2019	12	647	647	323
01/19/2019	13	647	647	321
01/19/2019	14	647	647	330
01/19/2019	15	647	647	325
01/19/2019	16	647	647	319
01/19/2019	17	647	647	306
01/19/2019	18	647	647	315
01/19/2019	19	647	647	321
01/19/2019	20	647	647	317
01/19/2019	21	647	352	310
01/19/2019	22	647	352	298
01/19/2019	23	647	352	285
01/19/2019	24	647	352	269
01/20/2019	1	647	647	258
01/20/2019	2	647	647	250
01/20/2019	3	621	500	242
01/20/2019	4	561	450	238
01/20/2019	5	571	420	237
01/20/2019	6	647	524	244
01/20/2019	7	647	534	250
01/20/2019	8	647	610	262
01/20/2019	9	647	647	281
01/20/2019	10	647	647	291
01/20/2019	11	647	647	301
01/20/2019	12	647	647	296
01/20/2019	13	647	647	295
01/20/2019	14	647	647	305
01/20/2019	15	647	647	299
01/20/2019	16	647	647	290
01/20/2019	17	647	647	283
01/20/2019	18	647	647	308
01/20/2019	19	647	647	306
01/20/2019	20	647	647	302
01/20/2019	21	589	560	291
01/20/2019	22	515	480	277
01/20/2019	23	533	463	264
01/20/2019	24	556	460	255
01/21/2019	1	647	647	250
01/21/2019	2	580	550	243
01/21/2019	3	550	500	236
01/21/2019	4	520	450	235
01/21/2019	5	580	470	242
01/21/2019	6	590	500	254
01/21/2019	7	600	517	254
01/21/2019	8	647	647	287
01/21/2019	9	647	647	323
01/21/2019	10	647	647	348
01/21/2019	11	647	647	361
01/21/2019	12	647	647	353
01/21/2019	13	647	647	349
01/21/2019	14	647	647	361

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/21/2019	15	647	647	360
01/21/2019	16	647	647	356
01/21/2019	17	647	647	343
01/21/2019	18	647	647	348
01/21/2019	19	647	647	346
01/21/2019	20	647	647	339
01/21/2019	21	589	560	329
01/21/2019	22	515	480	311
01/21/2019	23	533	463	295
01/21/2019	24	480	420	278
01/22/2019	1	647	581	258
01/22/2019	2	580	550	248
01/22/2019	3	520	480	242
01/22/2019	4	480	450	239
01/22/2019	5	569	440	245
01/22/2019	6	647	516	256
01/22/2019	7	647	500	259
01/22/2019	8	647	598	288
01/22/2019	9	647	622	321
01/22/2019	10	647	647	343
01/22/2019	11	647	647	356
01/22/2019	12	647	647	347
01/22/2019	13	647	647	346
01/22/2019	14	647	647	358
01/22/2019	15	647	647	354
01/22/2019	16	647	647	350
01/22/2019	17	647	647	336
01/22/2019	18	647	647	342
01/22/2019	19	647	647	340
01/22/2019	20	647	647	331
01/22/2019	21	647	513	322
01/22/2019	22	622	460	306
01/22/2019	23	516	450	289
01/22/2019	24	480	407	273
01/23/2019	1	647	590	261
01/23/2019	2	600	570	252
01/23/2019	3	520	480	246
01/23/2019	4	480	450	243
01/23/2019	5	580	480	251
01/23/2019	6	647	600	261
01/23/2019	7	552	518	262
01/23/2019	8	580	501	291
01/23/2019	9	647	622	324
01/23/2019	10	647	647	345
01/23/2019	11	647	647	356
01/23/2019	12	647	647	348
01/23/2019	13	647	647	346
01/23/2019	14	647	647	355
01/23/2019	15	647	647	353
01/23/2019	16	647	647	348
01/23/2019	17	647	647	336
01/23/2019	18	647	647	340
01/23/2019	19	647	647	341
01/23/2019	20	647	647	334
01/23/2019	21	647	544	322
01/23/2019	22	622	468	304
01/23/2019	23	516	483	287
01/23/2019	24	480	420	270
01/24/2019	1	647	580	254
01/24/2019	2	647	570	250
01/24/2019	3	550	480	239
01/24/2019	4	500	450	237
01/24/2019	5	570	480	245
01/24/2019	6	647	600	257
01/24/2019	7	552	518	267

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/24/2019	8	615	510	287
01/24/2019	9	647	539	315
01/24/2019	10	647	647	336
01/24/2019	11	647	647	351
01/24/2019	12	647	647	342
01/24/2019	13	647	647	342
01/24/2019	14	647	647	356
01/24/2019	15	647	647	353
01/24/2019	16	647	647	347
01/24/2019	17	647	647	335
01/24/2019	18	647	647	338
01/24/2019	19	647	647	336
01/24/2019	20	647	647	326
01/24/2019	21	647	554	315
01/24/2019	22	590	468	296
01/24/2019	23	488	450	279
01/24/2019	24	474	416	265
01/25/2019	1	647	590	263
01/25/2019	2	600	570	256
01/25/2019	3	535	520	251
01/25/2019	4	480	450	248
01/25/2019	5	580	480	254
01/25/2019	6	647	600	265
01/25/2019	7	552	476	273
01/25/2019	8	580	501	295
01/25/2019	9	647	647	328
01/25/2019	10	647	647	347
01/25/2019	11	647	647	361
01/25/2019	12	647	647	351
01/25/2019	13	647	647	348
01/25/2019	14	647	647	361
01/25/2019	15	647	647	358
01/25/2019	16	647	647	354
01/25/2019	17	647	647	337
01/25/2019	18	647	647	343
01/25/2019	19	647	647	342
01/25/2019	20	647	647	333
01/25/2019	21	598	544	323
01/25/2019	22	550	500	307
01/25/2019	23	516	483	293
01/25/2019	24	480	420	275
01/26/2019	1	647	643	263
01/26/2019	2	606	600	256
01/26/2019	3	535	520	248
01/26/2019	4	480	450	243
01/26/2019	5	480	451	243
01/26/2019	6	520	496	246
01/26/2019	7	520	500	249
01/26/2019	8	600	581	273
01/26/2019	9	647	647	298
01/26/2019	10	647	647	320
01/26/2019	11	647	647	333
01/26/2019	12	647	647	328
01/26/2019	13	647	647	326
01/26/2019	14	647	647	333
01/26/2019	15	647	647	328
01/26/2019	16	592	590	322
01/26/2019	17	550	534	310
01/26/2019	18	620	604	321
01/26/2019	19	647	647	324
01/26/2019	20	647	647	321
01/26/2019	21	598	544	313
01/26/2019	22	580	561	302
01/26/2019	23	450	424	287
01/26/2019	24	450	420	272

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/27/2019	1	600	550	256
01/27/2019	2	580	510	248
01/27/2019	3	500	448	240
01/27/2019	4	437	416	236
01/27/2019	5	427	416	236
01/27/2019	6	537	440	242
01/27/2019	7	552	475	248
01/27/2019	8	580	501	262
01/27/2019	9	617	510	280
01/27/2019	10	647	647	290
01/27/2019	11	647	647	300
01/27/2019	12	647	615	295
01/27/2019	13	647	589	294
01/27/2019	14	647	647	304
01/27/2019	15	647	613	298
01/27/2019	16	563	550	289
01/27/2019	17	550	460	282
01/27/2019	18	647	647	307
01/27/2019	19	647	647	305
01/27/2019	20	647	647	301
01/27/2019	21	562	544	290
01/27/2019	22	550	420	276
01/27/2019	23	500	420	263
01/27/2019	24	480	420	254
01/28/2019	1	580	540	250
01/28/2019	2	560	480	243
01/28/2019	3	509	420	237
01/28/2019	4	492	416	235
01/28/2019	5	427	416	243
01/28/2019	6	540	490	254
01/28/2019	7	500	440	254
01/28/2019	8	580	501	287
01/28/2019	9	647	647	323
01/28/2019	10	647	647	349
01/28/2019	11	647	647	362
01/28/2019	12	647	647	354
01/28/2019	13	647	647	350
01/28/2019	14	647	647	362
01/28/2019	15	647	647	361
01/28/2019	16	647	647	357
01/28/2019	17	647	647	344
01/28/2019	18	647	647	349
01/28/2019	19	647	647	347
01/28/2019	20	647	647	340
01/28/2019	21	647	575	330
01/28/2019	22	647	516	312
01/28/2019	23	546	420	296
01/28/2019	24	450	420	278
01/29/2019	1	550	500	239
01/29/2019	2	510	468	229
01/29/2019	3	480	417	226
01/29/2019	4	450	416	223
01/29/2019	5	460	416	230
01/29/2019	6	500	420	242
01/29/2019	7	470	416	244
01/29/2019	8	580	501	268
01/29/2019	9	647	647	299
01/29/2019	10	647	647	322
01/29/2019	11	647	647	335
01/29/2019	12	647	647	328
01/29/2019	13	647	647	328
01/29/2019	14	647	647	339
01/29/2019	15	647	647	336
01/29/2019	16	614	580	333
01/29/2019	17	580	518	317

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/29/2019	18	611	550	323
01/29/2019	19	580	540	319
01/29/2019	20	560	520	312
01/29/2019	21	520	500	300
01/29/2019	22	500	470	286
01/29/2019	23	480	450	271
01/29/2019	24	420	400	255
01/30/2019	1	589	500	241
01/30/2019	2	542	460	234
01/30/2019	3	457	420	230
01/30/2019	4	440	416	227
01/30/2019	5	500	450	236
01/30/2019	6	550	470	248
01/30/2019	7	580	460	254
01/30/2019	8	600	520	274
01/30/2019	9	647	647	303
01/30/2019	10	647	647	323
01/30/2019	11	647	647	336
01/30/2019	12	647	647	327
01/30/2019	13	647	647	323
01/30/2019	14	647	647	335
01/30/2019	15	647	647	332
01/30/2019	16	580	534	328
01/30/2019	17	580	518	318
01/30/2019	18	616	550	321
01/30/2019	19	580	525	321
01/30/2019	20	560	480	314
01/30/2019	21	500	450	305
01/30/2019	22	480	420	288
01/30/2019	23	450	420	274
01/30/2019	24	420	400	259
01/31/2019	1	589	500	241
01/31/2019	2	542	460	234
01/31/2019	3	457	420	230
01/31/2019	4	440	416	227
01/31/2019	5	500	450	236
01/31/2019	6	550	470	248
01/31/2019	7	580	460	254
01/31/2019	8	600	520	274
01/31/2019	9	647	647	303
01/31/2019	10	647	647	323
01/31/2019	11	647	647	336
01/31/2019	12	647	647	327
01/31/2019	13	647	647	323
01/31/2019	14	647	647	335
01/31/2019	15	647	647	332
01/31/2019	16	580	534	328
01/31/2019	17	580	518	318
01/31/2019	18	616	550	321
01/31/2019	19	580	525	321
01/31/2019	20	560	480	314
01/31/2019	21	500	450	305
01/31/2019	22	480	420	288
01/31/2019	23	450	420	274
01/31/2019	24	420	400	259
02/01/2019	1	591	550	248
02/01/2019	2	580	527	241
02/01/2019	3	500	473	236
02/01/2019	4	475	450	234
02/01/2019	5	541	524	240
02/01/2019	6	550	518	250
02/01/2019	7	550	550	251
02/01/2019	8	522	520	276
02/01/2019	9	580	561	306
02/01/2019	10	647	647	326

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/01/2019	11	647	647	337
02/01/2019	12	600	600	327
02/01/2019	13	600	600	325
02/01/2019	14	647	647	338
02/01/2019	15	647	647	334
02/01/2019	16	600	600	329
02/01/2019	17	500	500	296
02/01/2019	18	575	567	318
02/01/2019	19	625	625	320
02/01/2019	20	595	552	311
02/01/2019	21	479	475	301
02/01/2019	22	470	434	287
02/01/2019	23	450	420	271
02/01/2019	24	420	420	257
02/02/2019	1	550	550	249
02/02/2019	2	580	527	242
02/02/2019	3	500	473	236
02/02/2019	4	475	451	231
02/02/2019	5	542	520	231
02/02/2019	6	539	518	234
02/02/2019	7	550	550	236
02/02/2019	8	550	550	260
02/02/2019	9	580	561	283
02/02/2019	10	580	561	303
02/02/2019	11	647	647	315
02/02/2019	12	580	560	308
02/02/2019	13	550	530	305
02/02/2019	14	580	560	311
02/02/2019	15	580	553	307
02/02/2019	16	580	561	300
02/02/2019	17	580	561	290
02/02/2019	18	580	561	300
02/02/2019	19	580	561	304
02/02/2019	20	580	561	299
02/02/2019	21	483	479	291
02/02/2019	22	455	434	279
02/02/2019	23	455	420	266
02/02/2019	24	420	420	252
02/03/2019	1	580	500	244
02/03/2019	2	550	480	236
02/03/2019	3	500	450	228
02/03/2019	4	460	420	224
02/03/2019	5	450	416	224
02/03/2019	6	470	439	230
02/03/2019	7	500	473	236
02/03/2019	8	533	480	246
02/03/2019	9	550	480	250
02/03/2019	10	560	500	260
02/03/2019	11	647	519	271
02/03/2019	12	550	444	266
02/03/2019	13	568	420	265
02/03/2019	14	647	647	274
02/03/2019	15	580	568	268
02/03/2019	16	550	500	260
02/03/2019	17	500	480	253
02/03/2019	18	647	602	277
02/03/2019	19	647	600	275
02/03/2019	20	647	584	271
02/03/2019	21	550	480	261
02/03/2019	22	455	434	246
02/03/2019	23	420	420	237
02/03/2019	24	420	420	229
02/04/2019	1	580	500	244
02/04/2019	2	550	480	237
02/04/2019	3	500	450	231

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/04/2019	4	460	420	229
02/04/2019	5	450	416	237
02/04/2019	6	470	439	249
02/04/2019	7	500	437	248
02/04/2019	8	568	480	281
02/04/2019	9	647	580	308
02/04/2019	10	647	647	328
02/04/2019	11	647	647	341
02/04/2019	12	647	647	330
02/04/2019	13	647	647	328
02/04/2019	14	647	647	343
02/04/2019	15	647	647	339
02/04/2019	16	647	647	335
02/04/2019	17	647	580	323
02/04/2019	18	647	613	325
02/04/2019	19	647	594	325
02/04/2019	20	590	580	318
02/04/2019	21	600	550	307
02/04/2019	22	570	500	293
02/04/2019	23	500	450	277
02/04/2019	24	480	420	262
02/05/2019	1	580	520	249
02/05/2019	2	550	500	242
02/05/2019	3	500	450	235
02/05/2019	4	460	420	231
02/05/2019	5	450	450	230
02/05/2019	6	450	450	234
02/05/2019	7	450	450	235
02/05/2019	8	475	475	259
02/05/2019	9	480	450	283
02/05/2019	10	550	550	303
02/05/2019	11	647	647	314
02/05/2019	12	625	625	308
02/05/2019	13	625	625	305
02/05/2019	14	640	630	311
02/05/2019	15	625	625	306
02/05/2019	16	550	550	300
02/05/2019	17	550	550	290
02/05/2019	18	575	575	300
02/05/2019	19	625	600	303
02/05/2019	20	590	580	299
02/05/2019	21	600	550	291
02/05/2019	22	570	500	279
02/05/2019	23	500	450	265
02/05/2019	24	480	420	251
02/06/2019	1	575	490	247
02/06/2019	2	540	470	240
02/06/2019	3	500	440	234
02/06/2019	4	460	416	232
02/06/2019	5	500	445	240
02/06/2019	6	470	440	252
02/06/2019	7	500	420	252
02/06/2019	8	580	547	284
02/06/2019	9	647	647	320
02/06/2019	10	647	647	335
02/06/2019	11	647	647	342
02/06/2019	12	647	647	336
02/06/2019	13	647	647	342
02/06/2019	14	647	647	352
02/06/2019	15	647	647	346
02/06/2019	16	647	647	340
02/06/2019	17	647	647	332
02/06/2019	18	647	647	334
02/06/2019	19	647	647	338
02/06/2019	20	647	647	327

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/06/2019	21	647	597	314
02/06/2019	22	570	500	295
02/06/2019	23	500	450	278
02/06/2019	24	470	420	263
02/07/2019	1	647	579	264
02/07/2019	2	540	480	248
02/07/2019	3	500	440	239
02/07/2019	4	460	420	239
02/07/2019	5	550	447	249
02/07/2019	6	580	514	271
02/07/2019	7	500	420	264
02/07/2019	8	580	547	284
02/07/2019	9	647	647	323
02/07/2019	10	647	647	343
02/07/2019	11	647	647	357
02/07/2019	12	647	647	350
02/07/2019	13	647	647	347
02/07/2019	14	647	647	362
02/07/2019	15	647	647	357
02/07/2019	16	647	647	354
02/07/2019	17	647	647	344
02/07/2019	18	647	647	347
02/07/2019	19	647	647	347
02/07/2019	20	647	647	338
02/07/2019	21	647	647	326
02/07/2019	22	590	550	301
02/07/2019	23	550	500	290
02/07/2019	24	500	420	276
02/08/2019	1	575	575	263
02/08/2019	2	550	550	257
02/08/2019	3	550	550	252
02/08/2019	4	530	500	250
02/08/2019	5	584	584	259
02/08/2019	6	625	625	272
02/08/2019	7	647	647	288
02/08/2019	8	647	647	300
02/08/2019	9	647	647	331
02/08/2019	10	647	647	353
02/08/2019	11	647	647	360
02/08/2019	12	647	647	347
02/08/2019	13	647	647	342
02/08/2019	14	647	647	354
02/08/2019	15	647	647	351
02/08/2019	16	647	647	348
02/08/2019	17	647	647	337
02/08/2019	18	647	647	338
02/08/2019	19	647	647	345
02/08/2019	20	647	647	335
02/08/2019	21	647	647	322
02/08/2019	22	590	550	304
02/08/2019	23	550	521	286
02/08/2019	24	500	454	269
02/09/2019	1	580	501	244
02/09/2019	2	540	480	236
02/09/2019	3	490	420	230
02/09/2019	4	460	420	229
02/09/2019	5	550	440	236
02/09/2019	6	580	480	249
02/09/2019	7	470	420	248
02/09/2019	8	580	547	281
02/09/2019	9	600	550	300
02/09/2019	10	647	647	320
02/09/2019	11	647	647	332
02/09/2019	12	647	579	322
02/09/2019	13	625	550	320

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/09/2019	14	647	647	334
02/09/2019	15	647	647	331
02/09/2019	16	647	567	326
02/09/2019	17	580	540	315
02/09/2019	18	590	500	316
02/09/2019	19	647	647	316
02/09/2019	20	647	584	309
02/09/2019	21	578	520	299
02/09/2019	22	550	480	284
02/09/2019	23	500	420	269
02/09/2019	24	447	420	253
02/10/2019	1	580	510	248
02/10/2019	2	550	470	240
02/10/2019	3	480	420	232
02/10/2019	4	450	420	228
02/10/2019	5	475	420	228
02/10/2019	6	475	450	234
02/10/2019	7	522	489	240
02/10/2019	8	546	480	250
02/10/2019	9	550	480	286
02/10/2019	10	599	550	296
02/10/2019	11	647	628	306
02/10/2019	12	580	570	301
02/10/2019	13	574	550	300
02/10/2019	14	647	647	310
02/10/2019	15	647	571	304
02/10/2019	16	580	500	295
02/10/2019	17	572	480	288
02/10/2019	18	647	647	313
02/10/2019	19	647	647	311
02/10/2019	20	647	647	306
02/10/2019	21	580	520	292
02/10/2019	22	550	521	277
02/10/2019	23	480	456	265
02/10/2019	24	456	420	252
02/11/2019	1	570	500	246
02/11/2019	2	530	450	236
02/11/2019	3	470	420	230
02/11/2019	4	450	420	230
02/11/2019	5	470	420	234
02/11/2019	6	480	450	246
02/11/2019	7	484	420	248
02/11/2019	8	546	480	280
02/11/2019	9	647	647	326
02/11/2019	10	647	647	346
02/11/2019	11	647	647	359
02/11/2019	12	647	647	352
02/11/2019	13	647	647	349
02/11/2019	14	647	647	364
02/11/2019	15	647	647	359
02/11/2019	16	647	647	357
02/11/2019	17	647	647	346
02/11/2019	18	647	647	350
02/11/2019	19	647	647	350
02/11/2019	20	647	647	340
02/11/2019	21	647	613	329
02/11/2019	22	550	521	303
02/11/2019	23	480	456	293
02/11/2019	24	456	420	278
02/12/2019	1	647	550	261
02/12/2019	2	580	500	252
02/12/2019	3	500	450	246
02/12/2019	4	480	420	244
02/12/2019	5	550	450	253
02/12/2019	6	580	470	264

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/12/2019	7	484	420	272
02/12/2019	8	546	480	297
02/12/2019	9	647	482	332
02/12/2019	10	647	647	356
02/12/2019	11	647	647	367
02/12/2019	12	647	647	359
02/12/2019	13	647	647	357
02/12/2019	14	647	647	370
02/12/2019	15	647	647	368
02/12/2019	16	647	647	363
02/12/2019	17	647	647	351
02/12/2019	18	647	647	353
02/12/2019	19	647	647	351
02/12/2019	20	647	647	342
02/12/2019	21	647	647	330
02/12/2019	22	647	647	315
02/12/2019	23	480	420	296
02/12/2019	24	420	420	282
02/13/2019	1	592	550	261
02/13/2019	2	580	500	253
02/13/2019	3	500	450	247
02/13/2019	4	480	420	245
02/13/2019	5	541	450	253
02/13/2019	6	500	440	264
02/13/2019	7	480	420	267
02/13/2019	8	500	420	292
02/13/2019	9	550	450	324
02/13/2019	10	647	569	345
02/13/2019	11	647	574	353
02/13/2019	12	647	542	344
02/13/2019	13	647	504	341
02/13/2019	14	647	590	353
02/13/2019	15	590	540	349
02/13/2019	16	580	500	345
02/13/2019	17	560	499	332
02/13/2019	18	589	520	338
02/13/2019	19	611	550	340
02/13/2019	20	598	520	330
02/13/2019	21	557	500	320
02/13/2019	22	520	450	301
02/13/2019	23	480	420	284
02/13/2019	24	420	420	267
02/14/2019	1	560	451	254
02/14/2019	2	540	420	245
02/14/2019	3	507	420	239
02/14/2019	4	480	420	235
02/14/2019	5	500	450	239
02/14/2019	6	470	420	241
02/14/2019	7	480	446	251
02/14/2019	8	480	420	280
02/14/2019	9	550	456	310
02/14/2019	10	580	456	333
02/14/2019	11	647	554	346
02/14/2019	12	647	500	339
02/14/2019	13	580	480	338
02/14/2019	14	647	550	350
02/14/2019	15	647	500	348
02/14/2019	16	580	480	343
02/14/2019	17	550	456	331
02/14/2019	18	520	456	330
02/14/2019	19	590	470	340
02/14/2019	20	570	520	332
02/14/2019	21	540	500	324
02/14/2019	22	530	456	309
02/14/2019	23	520	456	292

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/14/2019	24	456	420	267
02/15/2019	1	560	451	254
02/15/2019	2	540	420	245
02/15/2019	3	507	420	239
02/15/2019	4	480	420	235
02/15/2019	5	500	450	239
02/15/2019	6	470	420	241
02/15/2019	7	480	446	251
02/15/2019	8	480	420	280
02/15/2019	9	550	456	310
02/15/2019	10	580	456	333
02/15/2019	11	647	554	346
02/15/2019	12	647	500	339
02/15/2019	13	580	480	338
02/15/2019	14	647	550	350
02/15/2019	15	647	500	348
02/15/2019	16	580	480	343
02/15/2019	17	550	456	331
02/15/2019	18	520	456	330
02/15/2019	19	590	470	340
02/15/2019	20	570	520	332
02/15/2019	21	540	500	324
02/15/2019	22	530	456	309
02/15/2019	23	520	456	292
02/15/2019	24	456	420	267
02/16/2019	1	580	480	256
02/16/2019	2	509	432	246
02/16/2019	3	502	420	240
02/16/2019	4	480	420	236
02/16/2019	5	500	450	236
02/16/2019	6	470	420	239
02/16/2019	7	480	420	239
02/16/2019	8	453	420	268
02/16/2019	9	480	430	288
02/16/2019	10	510	456	311
02/16/2019	11	563	550	325
02/16/2019	12	522	500	322
02/16/2019	13	525	500	322
02/16/2019	14	647	550	332
02/16/2019	15	647	500	329
02/16/2019	16	520	478	323
02/16/2019	17	480	456	311
02/16/2019	18	500	460	313
02/16/2019	19	590	473	326
02/16/2019	20	550	456	318
02/16/2019	21	520	456	311
02/16/2019	22	500	456	297
02/16/2019	23	456	450	284
02/16/2019	24	456	420	269
02/17/2019	1	560	451	245
02/17/2019	2	560	451	239
02/17/2019	3	560	451	234
02/17/2019	4	530	430	228
02/17/2019	5	530	430	229
02/17/2019	6	536	430	230
02/17/2019	7	544	451	231
02/17/2019	8	560	472	243
02/17/2019	9	560	539	261
02/17/2019	10	618	600	279
02/17/2019	11	600	597	288
02/17/2019	12	600	594	284
02/17/2019	13	590	500	282
02/17/2019	14	590	500	285
02/17/2019	15	590	500	282
02/17/2019	16	578	500	278

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/17/2019	17	590	535	275
02/17/2019	18	590	538	290
02/17/2019	19	647	585	300
02/17/2019	20	647	585	296
02/17/2019	21	596	501	289
02/17/2019	22	560	500	276
02/17/2019	23	500	474	260
02/17/2019	24	456	420	246
02/18/2019	1	550	456	245
02/18/2019	2	530	420	239
02/18/2019	3	502	420	230
02/18/2019	4	480	420	228
02/18/2019	5	500	450	233
02/18/2019	6	470	420	245
02/18/2019	7	480	446	246
02/18/2019	8	480	420	280
02/18/2019	9	550	465	324
02/18/2019	10	580	475	344
02/18/2019	11	647	647	358
02/18/2019	12	647	580	350
02/18/2019	13	647	539	348
02/18/2019	14	647	647	363
02/18/2019	15	647	647	358
02/18/2019	16	647	647	355
02/18/2019	17	647	600	344
02/18/2019	18	580	513	346
02/18/2019	19	647	520	348
02/18/2019	20	580	550	338
02/18/2019	21	550	500	323
02/18/2019	22	500	456	302
02/18/2019	23	456	450	291
02/18/2019	24	456	420	277
02/19/2019	1	580	469	264
02/19/2019	2	530	420	257
02/19/2019	3	480	420	249
02/19/2019	4	450	420	246
02/19/2019	5	500	431	252
02/19/2019	6	470	420	264
02/19/2019	7	480	446	267
02/19/2019	8	500	450	301
02/19/2019	9	580	476	328
02/19/2019	10	647	550	352
02/19/2019	11	647	647	361
02/19/2019	12	647	647	355
02/19/2019	13	647	647	356
02/19/2019	14	647	647	371
02/19/2019	15	647	647	368
02/19/2019	16	647	647	361
02/19/2019	17	647	647	346
02/19/2019	18	580	540	336
02/19/2019	19	647	580	344
02/19/2019	20	616	550	334
02/19/2019	21	550	500	324
02/19/2019	22	550	468	306
02/19/2019	23	456	450	289
02/19/2019	24	456	420	273
02/20/2019	1	477	456	264
02/20/2019	2	427	425	256
02/20/2019	3	450	425	249
02/20/2019	4	450	425	247
02/20/2019	5	500	500	257
02/20/2019	6	550	525	266
02/20/2019	7	550	525	266
02/20/2019	8	575	525	295
02/20/2019	9	647	639	328

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/20/2019	10	647	647	347
02/20/2019	11	647	647	360
02/20/2019	12	647	647	350
02/20/2019	13	647	647	351
02/20/2019	14	647	647	366
02/20/2019	15	647	647	364
02/20/2019	16	647	647	357
02/20/2019	17	647	647	345
02/20/2019	18	647	647	337
02/20/2019	19	647	647	350
02/20/2019	20	647	647	343
02/20/2019	21	647	647	336
02/20/2019	22	595	589	320
02/20/2019	23	554	550	307
02/20/2019	24	477	456	289
02/21/2019	1	541	456	265
02/21/2019	2	500	420	249
02/21/2019	3	480	420	243
02/21/2019	4	466	420	241
02/21/2019	5	500	450	249
02/21/2019	6	500	460	251
02/21/2019	7	510	440	251
02/21/2019	8	580	562	288
02/21/2019	9	647	647	322
02/21/2019	10	647	647	346
02/21/2019	11	647	647	358
02/21/2019	12	647	647	351
02/21/2019	13	647	647	351
02/21/2019	14	647	647	366
02/21/2019	15	647	647	364
02/21/2019	16	647	647	358
02/21/2019	17	647	539	343
02/21/2019	18	647	483	336
02/21/2019	19	647	606	344
02/21/2019	20	580	543	334
02/21/2019	21	520	456	323
02/21/2019	22	500	456	305
02/21/2019	23	480	456	284
02/21/2019	24	456	420	270
02/22/2019	1	550	500	260
02/22/2019	2	520	450	252
02/22/2019	3	500	420	246
02/22/2019	4	460	420	242
02/22/2019	5	500	420	250
02/22/2019	6	520	420	262
02/22/2019	7	550	480	267
02/22/2019	8	580	550	292
02/22/2019	9	647	580	325
02/22/2019	10	580	550	345
02/22/2019	11	647	647	360
02/22/2019	12	580	550	350
02/22/2019	13	550	500	348
02/22/2019	14	647	580	362
02/22/2019	15	647	550	360
02/22/2019	16	647	500	355
02/22/2019	17	580	480	340
02/22/2019	18	550	456	339
02/22/2019	19	580	506	344
02/22/2019	20	550	456	334
02/22/2019	21	480	456	323
02/22/2019	22	456	450	307
02/22/2019	23	456	420	290
02/22/2019	24	456	420	272
02/23/2019	1	550	500	267
02/23/2019	2	550	500	257

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/23/2019	3	550	500	251
02/23/2019	4	550	500	247
02/23/2019	5	550	500	247
02/23/2019	6	550	500	250
02/23/2019	7	550	500	253
02/23/2019	8	580	550	273
02/23/2019	9	627	600	302
02/23/2019	10	647	647	326
02/23/2019	11	647	647	340
02/23/2019	12	647	647	336
02/23/2019	13	647	647	336
02/23/2019	14	647	647	345
02/23/2019	15	647	647	344
02/23/2019	16	625	619	337
02/23/2019	17	567	500	323
02/23/2019	18	500	500	324
02/23/2019	19	647	647	339
02/23/2019	20	600	600	331
02/23/2019	21	600	600	323
02/23/2019	22	575	575	309
02/23/2019	23	470	466	293
02/23/2019	24	480	460	277
02/24/2019	1	570	500	247
02/24/2019	2	520	461	239
02/24/2019	3	500	421	232
02/24/2019	4	451	420	228
02/24/2019	5	441	420	228
02/24/2019	6	520	420	234
02/24/2019	7	550	480	240
02/24/2019	8	580	490	250
02/24/2019	9	647	580	281
02/24/2019	10	580	550	296
02/24/2019	11	647	647	306
02/24/2019	12	647	569	301
02/24/2019	13	580	560	300
02/24/2019	14	647	647	310
02/24/2019	15	647	550	304
02/24/2019	16	580	480	295
02/24/2019	17	550	464	288
02/24/2019	18	550	456	293
02/24/2019	19	647	647	314
02/24/2019	20	647	647	308
02/24/2019	21	551	456	294
02/24/2019	22	456	450	279
02/24/2019	23	480	456	267
02/24/2019	24	456	420	254
02/25/2019	1	500	500	268
02/25/2019	2	500	450	258
02/25/2019	3	500	420	253
02/25/2019	4	500	464	249
02/25/2019	5	500	435	256
02/25/2019	6	520	487	264
02/25/2019	7	500	459	247
02/25/2019	8	580	550	265
02/25/2019	9	580	550	282
02/25/2019	10	600	550	305
02/25/2019	11	647	550	317
02/25/2019	12	580	550	313
02/25/2019	13	582	550	317
02/25/2019	14	647	550	317
02/25/2019	15	580	500	315
02/25/2019	16	550	456	307
02/25/2019	17	550	480	303
02/25/2019	18	647	550	329
02/25/2019	19	647	600	330

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/25/2019	20	647	600	329
02/25/2019	21	600	553	323
02/25/2019	22	585	550	311
02/25/2019	23	555	500	296
02/25/2019	24	535	500	283
02/26/2019	1	580	500	248
02/26/2019	2	520	480	239
02/26/2019	3	500	420	230
02/26/2019	4	450	420	228
02/26/2019	5	460	420	233
02/26/2019	6	580	464	245
02/26/2019	7	563	480	246
02/26/2019	8	580	499	280
02/26/2019	9	647	572	321
02/26/2019	10	647	597	343
02/26/2019	11	647	647	355
02/26/2019	12	647	647	348
02/26/2019	13	647	647	356
02/26/2019	14	647	647	371
02/26/2019	15	647	647	369
02/26/2019	16	647	647	364
02/26/2019	17	647	647	347
02/26/2019	18	647	647	338
02/26/2019	19	647	647	350
02/26/2019	20	647	638	341
02/26/2019	21	580	546	331
02/26/2019	22	489	456	314
02/26/2019	23	456	450	295
02/26/2019	24	456	420	276
02/27/2019	1	590	510	271
02/27/2019	2	520	477	262
02/27/2019	3	500	420	254
02/27/2019	4	450	420	252
02/27/2019	5	480	428	260
02/27/2019	6	580	477	270
02/27/2019	7	557	440	274
02/27/2019	8	602	500	301
02/27/2019	9	647	513	334
02/27/2019	10	647	647	353
02/27/2019	11	647	647	363
02/27/2019	12	647	600	352
02/27/2019	13	647	574	350
02/27/2019	14	647	647	361
02/27/2019	15	647	647	357
02/27/2019	16	647	550	353
02/27/2019	17	580	520	341
02/27/2019	18	624	500	339
02/27/2019	19	647	523	347
02/27/2019	20	538	480	338
02/27/2019	21	500	456	328
02/27/2019	22	456	450	310
02/27/2019	23	456	450	291
02/27/2019	24	456	420	274
02/28/2019	1	580	470	256
02/28/2019	2	500	450	247
02/28/2019	3	460	429	242
02/28/2019	4	450	420	240
02/28/2019	5	480	450	248
02/28/2019	6	575	470	257
02/28/2019	7	557	440	260
02/28/2019	8	580	488	285
02/28/2019	9	647	500	317
02/28/2019	10	647	647	338
02/28/2019	11	647	647	356
02/28/2019	12	647	600	346

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/28/2019	13	647	647	346
02/28/2019	14	647	647	362
02/28/2019	15	647	647	360
02/28/2019	16	647	550	355
02/28/2019	17	647	560	341
02/28/2019	18	610	500	334
02/28/2019	19	647	647	349
02/28/2019	20	538	480	340
02/28/2019	21	500	456	328
02/28/2019	22	456	450	310
02/28/2019	23	456	450	290
02/28/2019	24	456	420	273
03/01/2019	1	550	450	248
03/01/2019	2	480	420	240
03/01/2019	3	450	420	232
03/01/2019	4	420	420	227
03/01/2019	5	450	420	237
03/01/2019	6	500	450	247
03/01/2019	7	510	460	248
03/01/2019	8	580	488	288
03/01/2019	9	647	500	323
03/01/2019	10	647	647	347
03/01/2019	11	647	647	360
03/01/2019	12	647	647	353
03/01/2019	13	647	647	353
03/01/2019	14	647	647	366
03/01/2019	15	647	647	363
03/01/2019	16	647	647	359
03/01/2019	17	647	647	347
03/01/2019	18	647	647	341
03/01/2019	19	647	647	349
03/01/2019	20	647	647	341
03/01/2019	21	647	623	330
03/01/2019	22	580	550	308
03/01/2019	23	500	420	282
03/01/2019	24	450	420	263
03/02/2019	1	647	420	273
03/02/2019	2	550	420	255
03/02/2019	3	550	420	248
03/02/2019	4	550	420	244
03/02/2019	5	500	420	242
03/02/2019	6	550	420	246
03/02/2019	7	526	420	245
03/02/2019	8	580	420	269
03/02/2019	9	612	420	297
03/02/2019	10	647	420	319
03/02/2019	11	647	420	333
03/02/2019	12	647	420	329
03/02/2019	13	647	420	328
03/02/2019	14	647	420	338
03/02/2019	15	647	420	336
03/02/2019	16	647	420	329
03/02/2019	17	647	420	315
03/02/2019	18	647	420	315
03/02/2019	19	647	420	331
03/02/2019	20	647	420	323
03/02/2019	21	647	420	315
03/02/2019	22	647	420	301
03/02/2019	23	500	420	281
03/02/2019	24	450	420	266
03/03/2019	1	550	420	246
03/03/2019	2	470	420	238
03/03/2019	3	450	420	231
03/03/2019	4	420	420	227
03/03/2019	5	450	420	227

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/03/2019	6	500	420	233
03/03/2019	7	510	420	240
03/03/2019	8	480	420	250
03/03/2019	9	500	420	283
03/03/2019	10	647	420	298
03/03/2019	11	647	420	308
03/03/2019	12	647	420	303
03/03/2019	13	647	420	302
03/03/2019	14	647	420	312
03/03/2019	15	647	420	306
03/03/2019	16	647	420	297
03/03/2019	17	580	420	290
03/03/2019	18	605	420	295
03/03/2019	19	647	420	316
03/03/2019	20	580	420	310
03/03/2019	21	576	420	296
03/03/2019	22	550	420	281
03/03/2019	23	463	420	269
03/03/2019	24	450	420	256
03/04/2019	1	580	420	247
03/04/2019	2	490	420	239
03/04/2019	3	450	420	230
03/04/2019	4	420	420	228
03/04/2019	5	580	420	233
03/04/2019	6	600	420	245
03/04/2019	7	521	420	246
03/04/2019	8	647	420	292
03/04/2019	9	647	420	330
03/04/2019	10	647	420	350
03/04/2019	11	647	420	364
03/04/2019	12	647	420	356
03/04/2019	13	647	420	354
03/04/2019	14	647	420	369
03/04/2019	15	647	420	363
03/04/2019	16	647	420	361
03/04/2019	17	647	420	350
03/04/2019	18	647	420	351
03/04/2019	19	647	420	352
03/04/2019	20	647	420	344
03/04/2019	21	647	420	329
03/04/2019	22	580	420	308
03/04/2019	23	503	420	297
03/04/2019	24	475	420	282
03/05/2019	1	647	456	275
03/05/2019	2	605	456	265
03/05/2019	3	580	456	257
03/05/2019	4	550	456	254
03/05/2019	5	647	456	262
03/05/2019	6	647	456	273
03/05/2019	7	647	456	275
03/05/2019	8	647	456	308
03/05/2019	9	647	456	346
03/05/2019	10	647	456	368
03/05/2019	11	647	456	380
03/05/2019	12	647	456	370
03/05/2019	13	647	456	370
03/05/2019	14	647	456	386
03/05/2019	15	647	456	385
03/05/2019	16	647	456	380
03/05/2019	17	647	456	365
03/05/2019	18	647	456	359
03/05/2019	19	647	456	369
03/05/2019	20	647	456	361
03/05/2019	21	647	456	351
03/05/2019	22	647	456	332

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/05/2019	23	584	456	315
03/05/2019	24	550	456	297
03/06/2019	1	647	456	275
03/06/2019	2	605	456	269
03/06/2019	3	580	456	260
03/06/2019	4	550	456	256
03/06/2019	5	647	456	266
03/06/2019	6	647	456	278
03/06/2019	7	647	456	278
03/06/2019	8	647	456	303
03/06/2019	9	647	456	334
03/06/2019	10	647	456	360
03/06/2019	11	647	456	372
03/06/2019	12	647	456	368
03/06/2019	13	647	456	369
03/06/2019	14	647	456	382
03/06/2019	15	647	456	381
03/06/2019	16	647	456	377
03/06/2019	17	647	456	359
03/06/2019	18	647	456	349
03/06/2019	19	647	456	363
03/06/2019	20	647	456	354
03/06/2019	21	647	456	350
03/06/2019	22	647	456	331
03/06/2019	23	584	456	312
03/06/2019	24	550	456	293
03/07/2019	1	523	456	277
03/07/2019	2	479	456	271
03/07/2019	3	456	420	263
03/07/2019	4	456	420	262
03/07/2019	5	500	456	271
03/07/2019	6	550	463	279
03/07/2019	7	529	456	276
03/07/2019	8	550	480	310
03/07/2019	9	647	580	351
03/07/2019	10	647	647	374
03/07/2019	11	647	647	386
03/07/2019	12	647	647	377
03/07/2019	13	647	647	379
03/07/2019	14	647	647	392
03/07/2019	15	647	647	393
03/07/2019	16	647	647	389
03/07/2019	17	647	647	373
03/07/2019	18	647	647	366
03/07/2019	19	647	647	378
03/07/2019	20	647	647	372
03/07/2019	21	647	647	363
03/07/2019	22	580	550	344
03/07/2019	23	520	480	323
03/07/2019	24	480	456	305
03/08/2019	1	590	520	284
03/08/2019	2	520	456	273
03/08/2019	3	456	420	266
03/08/2019	4	456	420	260
03/08/2019	5	500	456	268
03/08/2019	6	568	460	279
03/08/2019	7	580	520	281
03/08/2019	8	600	480	311
03/08/2019	9	647	580	346
03/08/2019	10	647	647	370
03/08/2019	11	647	647	385
03/08/2019	12	647	647	377
03/08/2019	13	647	647	378
03/08/2019	14	647	647	392
03/08/2019	15	647	647	389

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/08/2019	16	647	647	384
03/08/2019	17	647	647	369
03/08/2019	18	647	647	360
03/08/2019	19	647	647	372
03/08/2019	20	647	647	363
03/08/2019	21	647	647	353
03/08/2019	22	647	599	336
03/08/2019	23	580	500	319
03/08/2019	24	520	456	300
03/09/2019	1	590	520	288
03/09/2019	2	520	456	278
03/09/2019	3	456	420	269
03/09/2019	4	500	456	265
03/09/2019	5	500	456	264
03/09/2019	6	575	568	267
03/09/2019	7	600	600	270
03/09/2019	8	607	600	293
03/09/2019	9	647	647	324
03/09/2019	10	647	647	348
03/09/2019	11	647	647	361
03/09/2019	12	647	647	352
03/09/2019	13	620	620	349
03/09/2019	14	647	647	361
03/09/2019	15	647	647	360
03/09/2019	16	647	647	353
03/09/2019	17	647	647	338
03/09/2019	18	647	647	332
03/09/2019	19	647	647	354
03/09/2019	20	647	647	347
03/09/2019	21	647	647	340
03/09/2019	22	647	647	325
03/09/2019	23	580	500	307
03/09/2019	24	520	456	287
03/10/2019	1	540	456	254
03/10/2019	2	520	456	246
03/10/2019	3	456	420	239
03/10/2019	4	456	420	235
03/10/2019	5	500	456	235
03/10/2019	6	530	456	241
03/10/2019	7	580	456	248
03/10/2019	8	600	456	262
03/10/2019	9	647	550	301
03/10/2019	10	647	580	315
03/10/2019	11	647	647	326
03/10/2019	12	647	622	321
03/10/2019	13	647	596	320
03/10/2019	14	647	647	329
03/10/2019	15	647	647	323
03/10/2019	16	580	537	315
03/10/2019	17	557	500	308
03/10/2019	18	647	561	312
03/10/2019	19	647	647	333
03/10/2019	20	647	647	328
03/10/2019	21	608	580	314
03/10/2019	22	550	520	299
03/10/2019	23	471	456	286
03/10/2019	24	456	440	274
03/11/2019	1	520	456	260
03/11/2019	2	480	456	249
03/11/2019	3	456	420	242
03/11/2019	4	456	420	236
03/11/2019	5	500	456	244
03/11/2019	6	530	456	255
03/11/2019	7	580	456	257
03/11/2019	8	600	456	303

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/11/2019	9	647	647	349
03/11/2019	10	647	647	374
03/11/2019	11	647	647	388
03/11/2019	12	647	647	380
03/11/2019	13	647	647	381
03/11/2019	14	647	647	395
03/11/2019	15	647	647	392
03/11/2019	16	647	647	388
03/11/2019	17	548	500	372
03/11/2019	18	500	456	364
03/11/2019	19	580	500	376
03/11/2019	20	550	480	367
03/11/2019	21	520	456	356
03/11/2019	22	500	456	340
03/11/2019	23	471	456	322
03/11/2019	24	456	440	303
03/12/2019	1	520	456	266
03/12/2019	2	480	456	256
03/12/2019	3	456	420	246
03/12/2019	4	456	420	240
03/12/2019	5	500	456	248
03/12/2019	6	530	456	259
03/12/2019	7	580	456	261
03/12/2019	8	600	456	307
03/12/2019	9	647	647	348
03/12/2019	10	647	647	372
03/12/2019	11	647	647	387
03/12/2019	12	647	647	379
03/12/2019	13	647	647	379
03/12/2019	14	647	647	394
03/12/2019	15	647	647	390
03/12/2019	16	647	647	386
03/12/2019	17	548	500	371
03/12/2019	18	500	456	362
03/12/2019	19	580	500	374
03/12/2019	20	550	480	365
03/12/2019	21	520	456	354
03/12/2019	22	500	456	338
03/12/2019	23	471	456	320
03/12/2019	24	456	440	301
03/13/2019	1	600	550	291
03/13/2019	2	550	520	277
03/13/2019	3	500	456	269
03/13/2019	4	456	450	264
03/13/2019	5	480	456	269
03/13/2019	6	520	460	275
03/13/2019	7	580	460	286
03/13/2019	8	600	480	317
03/13/2019	9	646	600	355
03/13/2019	10	647	599	380
03/13/2019	11	647	647	393
03/13/2019	12	647	647	387
03/13/2019	13	647	647	388
03/13/2019	14	647	647	401
03/13/2019	15	647	647	399
03/13/2019	16	647	647	393
03/13/2019	17	570	550	376
03/13/2019	18	500	456	363
03/13/2019	19	545	500	376
03/13/2019	20	580	480	370
03/13/2019	21	546	466	365
03/13/2019	22	540	456	348
03/13/2019	23	471	456	332
03/13/2019	24	456	440	310
03/14/2019	1	647	634	301

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/14/2019	2	647	589	291
03/14/2019	3	543	520	282
03/14/2019	4	566	520	279
03/14/2019	5	518	500	284
03/14/2019	6	523	456	291
03/14/2019	7	456	434	272
03/14/2019	8	609	456	324
03/14/2019	9	640	600	362
03/14/2019	10	647	608	384
03/14/2019	11	647	637	394
03/14/2019	12	611	600	389
03/14/2019	13	575	574	388
03/14/2019	14	647	647	404
03/14/2019	15	647	647	401
03/14/2019	16	647	647	399
03/14/2019	17	604	553	382
03/14/2019	18	567	500	370
03/14/2019	19	644	615	380
03/14/2019	20	556	550	373
03/14/2019	21	540	500	365
03/14/2019	22	537	500	348
03/14/2019	23	461	456	330
03/14/2019	24	456	426	310
03/15/2019	1	647	568	292
03/15/2019	2	589	500	283
03/15/2019	3	550	480	274
03/15/2019	4	519	456	269
03/15/2019	5	550	456	275
03/15/2019	6	580	460	283
03/15/2019	7	550	456	281
03/15/2019	8	647	456	317
03/15/2019	9	647	500	355
03/15/2019	10	647	500	374
03/15/2019	11	647	549	389
03/15/2019	12	600	559	381
03/15/2019	13	573	500	381
03/15/2019	14	647	600	396
03/15/2019	15	647	579	393
03/15/2019	16	647	554	388
03/15/2019	17	550	480	368
03/15/2019	18	520	456	356
03/15/2019	19	580	520	370
03/15/2019	20	550	500	363
03/15/2019	21	540	480	358
03/15/2019	22	530	470	343
03/15/2019	23	456	450	324
03/15/2019	24	456	420	309
03/16/2019	1	580	580	291
03/16/2019	2	580	572	282
03/16/2019	3	569	565	271
03/16/2019	4	571	565	266
03/16/2019	5	550	545	264
03/16/2019	6	537	500	266
03/16/2019	7	473	456	256
03/16/2019	8	575	564	292
03/16/2019	9	500	500	321
03/16/2019	10	578	550	343
03/16/2019	11	600	556	360
03/16/2019	12	504	500	354
03/16/2019	13	500	500	354
03/16/2019	14	647	600	364
03/16/2019	15	603	592	360
03/16/2019	16	607	592	354
03/16/2019	17	550	502	337
03/16/2019	18	537	520	332

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/16/2019	19	620	612	352
03/16/2019	20	588	575	345
03/16/2019	21	575	568	341
03/16/2019	22	575	575	331
03/16/2019	23	500	458	314
03/16/2019	24	500	456	298
03/17/2019	1	573	520	262
03/17/2019	2	550	456	250
03/17/2019	3	520	456	243
03/17/2019	4	480	456	239
03/17/2019	5	470	456	239
03/17/2019	6	520	456	245
03/17/2019	7	575	470	252
03/17/2019	8	580	509	274
03/17/2019	9	647	563	312
03/17/2019	10	647	647	326
03/17/2019	11	647	647	337
03/17/2019	12	647	619	332
03/17/2019	13	647	559	331
03/17/2019	14	647	647	340
03/17/2019	15	647	627	334
03/17/2019	16	622	550	326
03/17/2019	17	550	480	319
03/17/2019	18	600	456	323
03/17/2019	19	647	647	344
03/17/2019	20	647	647	339
03/17/2019	21	571	500	325
03/17/2019	22	550	480	310
03/17/2019	23	456	450	297
03/17/2019	24	456	420	285
03/18/2019	1	550	520	280
03/18/2019	2	500	456	268
03/18/2019	3	480	456	260
03/18/2019	4	456	450	254
03/18/2019	5	480	456	261
03/18/2019	6	500	456	268
03/18/2019	7	500	456	266
03/18/2019	8	510	456	316
03/18/2019	9	647	563	356
03/18/2019	10	647	647	381
03/18/2019	11	647	647	396
03/18/2019	12	647	570	390
03/18/2019	13	647	534	390
03/18/2019	14	647	647	408
03/18/2019	15	647	647	405
03/18/2019	16	647	647	400
03/18/2019	17	622	550	382
03/18/2019	18	550	456	373
03/18/2019	19	647	635	386
03/18/2019	20	647	555	379
03/18/2019	21	565	500	371
03/18/2019	22	620	570	358
03/18/2019	23	565	457	339
03/18/2019	24	456	420	319
03/19/2019	1	567	500	299
03/19/2019	2	500	456	288
03/19/2019	3	456	436	278
03/19/2019	4	456	420	272
03/19/2019	5	480	456	278
03/19/2019	6	550	456	283
03/19/2019	7	500	456	284
03/19/2019	8	496	456	318
03/19/2019	9	550	456	356
03/19/2019	10	647	595	380
03/19/2019	11	647	596	394

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/19/2019	12	550	500	389
03/19/2019	13	541	500	390
03/19/2019	14	647	647	407
03/19/2019	15	647	647	404
03/19/2019	16	647	605	398
03/19/2019	17	580	500	378
03/19/2019	18	500	456	369
03/19/2019	19	557	500	382
03/19/2019	20	520	470	376
03/19/2019	21	500	500	371
03/19/2019	22	500	480	357
03/19/2019	23	456	450	338
03/19/2019	24	456	420	320
03/20/2019	1	560	500	284
03/20/2019	2	500	456	274
03/20/2019	3	456	430	265
03/20/2019	4	456	420	260
03/20/2019	5	480	456	267
03/20/2019	6	550	456	275
03/20/2019	7	500	456	281
03/20/2019	8	500	456	326
03/20/2019	9	550	461	360
03/20/2019	10	580	535	381
03/20/2019	11	647	540	396
03/20/2019	12	550	501	386
03/20/2019	13	540	477	385
03/20/2019	14	647	524	401
03/20/2019	15	647	486	396
03/20/2019	16	647	456	390
03/20/2019	17	580	456	371
03/20/2019	18	500	456	363
03/20/2019	19	530	500	375
03/20/2019	20	470	460	368
03/20/2019	21	456	450	358
03/20/2019	22	456	440	335
03/20/2019	23	456	450	308
03/20/2019	24	456	420	285
03/21/2019	1	585	456	299
03/21/2019	2	500	456	288
03/21/2019	3	456	450	280
03/21/2019	4	456	420	277
03/21/2019	5	480	456	282
03/21/2019	6	550	456	289
03/21/2019	7	500	456	290
03/21/2019	8	522	456	321
03/21/2019	9	550	461	357
03/21/2019	10	580	500	380
03/21/2019	11	647	513	393
03/21/2019	12	550	456	386
03/21/2019	13	540	456	386
03/21/2019	14	647	647	402
03/21/2019	15	647	647	399
03/21/2019	16	647	568	396
03/21/2019	17	580	456	379
03/21/2019	18	500	456	367
03/21/2019	19	572	500	380
03/21/2019	20	480	460	374
03/21/2019	21	456	450	367
03/21/2019	22	456	440	352
03/21/2019	23	456	420	335
03/21/2019	24	456	420	316
03/22/2019	1	647	600	305
03/22/2019	2	600	580	294
03/22/2019	3	580	460	284
03/22/2019	4	550	456	280

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/22/2019	5	550	456	284
03/22/2019	6	580	480	290
03/22/2019	7	500	493	290
03/22/2019	8	580	550	323
03/22/2019	9	647	647	356
03/22/2019	10	647	647	376
03/22/2019	11	647	647	391
03/22/2019	12	647	647	384
03/22/2019	13	647	647	384
03/22/2019	14	647	647	400
03/22/2019	15	647	647	394
03/22/2019	16	647	647	387
03/22/2019	17	580	550	367
03/22/2019	18	520	456	357
03/22/2019	19	647	620	367
03/22/2019	20	517	470	362
03/22/2019	21	456	450	357
03/22/2019	22	520	484	343
03/22/2019	23	500	456	326
03/22/2019	24	456	440	310
03/23/2019	1	605	456	298
03/23/2019	2	603	456	286
03/23/2019	3	550	456	279
03/23/2019	4	468	456	272
03/23/2019	5	494	456	272
03/23/2019	6	485	456	271
03/23/2019	7	456	455	271
03/23/2019	8	555	456	295
03/23/2019	9	647	456	319
03/23/2019	10	647	456	340
03/23/2019	11	647	456	352
03/23/2019	12	608	456	347
03/23/2019	13	559	456	345
03/23/2019	14	647	456	355
03/23/2019	15	647	456	354
03/23/2019	16	647	456	348
03/23/2019	17	561	456	333
03/23/2019	18	456	455	328
03/23/2019	19	647	456	348
03/23/2019	20	647	456	344
03/23/2019	21	647	456	340
03/23/2019	22	647	456	330
03/23/2019	23	548	456	312
03/23/2019	24	456	456	297
03/24/2019	1	600	456	262
03/24/2019	2	580	456	250
03/24/2019	3	460	456	242
03/24/2019	4	456	435	239
03/24/2019	5	456	450	238
03/24/2019	6	480	456	245
03/24/2019	7	456	420	252
03/24/2019	8	550	456	274
03/24/2019	9	647	456	307
03/24/2019	10	647	456	321
03/24/2019	11	647	456	332
03/24/2019	12	647	456	327
03/24/2019	13	647	456	326
03/24/2019	14	647	456	335
03/24/2019	15	647	456	329
03/24/2019	16	647	456	321
03/24/2019	17	550	456	314
03/24/2019	18	456	450	318
03/24/2019	19	647	456	339
03/24/2019	20	519	456	334
03/24/2019	21	480	456	320

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/24/2019	22	456	420	305
03/24/2019	23	456	420	292
03/24/2019	24	456	420	280
03/25/2019	1	550	456	260
03/25/2019	2	520	456	250
03/25/2019	3	480	456	242
03/25/2019	4	456	420	236
03/25/2019	5	520	456	244
03/25/2019	6	530	456	255
03/25/2019	7	467	456	257
03/25/2019	8	550	503	311
03/25/2019	9	558	550	359
03/25/2019	10	580	560	381
03/25/2019	11	580	573	395
03/25/2019	12	578	540	388
03/25/2019	13	570	550	388
03/25/2019	14	647	647	404
03/25/2019	15	647	647	401
03/25/2019	16	647	647	398
03/25/2019	17	550	500	381
03/25/2019	18	500	456	368
03/25/2019	19	580	457	382
03/25/2019	20	550	456	376
03/25/2019	21	530	456	369
03/25/2019	22	552	456	354
03/25/2019	23	550	456	337
03/25/2019	24	509	456	318
03/26/2019	1	647	647	296
03/26/2019	2	647	559	285
03/26/2019	3	550	483	276
03/26/2019	4	500	456	272
03/26/2019	5	558	456	277
03/26/2019	6	647	460	284
03/26/2019	7	631	456	290
03/26/2019	8	647	647	320
03/26/2019	9	647	647	358
03/26/2019	10	647	647	381
03/26/2019	11	647	647	393
03/26/2019	12	647	647	388
03/26/2019	13	647	647	387
03/26/2019	14	647	647	403
03/26/2019	15	647	647	399
03/26/2019	16	647	647	395
03/26/2019	17	647	647	377
03/26/2019	18	572	550	367
03/26/2019	19	647	647	378
03/26/2019	20	647	555	372
03/26/2019	21	580	528	363
03/26/2019	22	580	500	350
03/26/2019	23	550	487	333
03/26/2019	24	479	456	315
03/27/2019	1	647	580	301
03/27/2019	2	576	550	289
03/27/2019	3	550	500	280
03/27/2019	4	500	456	275
03/27/2019	5	550	480	279
03/27/2019	6	580	500	285
03/27/2019	7	550	480	290
03/27/2019	8	647	583	321
03/27/2019	9	647	647	359
03/27/2019	10	647	647	380
03/27/2019	11	647	647	393
03/27/2019	12	647	570	386
03/27/2019	13	647	647	388
03/27/2019	14	647	647	403

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/27/2019	15	647	647	402
03/27/2019	16	647	647	395
03/27/2019	17	647	554	376
03/27/2019	18	570	550	365
03/27/2019	19	647	561	376
03/27/2019	20	580	516	370
03/27/2019	21	580	510	364
03/27/2019	22	517	480	351
03/27/2019	23	500	460	333
03/27/2019	24	480	456	316
03/28/2019	1	647	568	301
03/28/2019	2	580	544	290
03/28/2019	3	520	460	281
03/28/2019	4	456	450	277
03/28/2019	5	480	456	282
03/28/2019	6	555	456	288
03/28/2019	7	520	456	289
03/28/2019	8	647	507	323
03/28/2019	9	647	577	360
03/28/2019	10	647	619	380
03/28/2019	11	647	647	395
03/28/2019	12	647	570	388
03/28/2019	13	647	647	387
03/28/2019	14	647	647	405
03/28/2019	15	647	647	402
03/28/2019	16	647	647	394
03/28/2019	17	607	580	380
03/28/2019	18	570	500	369
03/28/2019	19	647	525	381
03/28/2019	20	580	490	374
03/28/2019	21	580	485	368
03/28/2019	22	545	480	356
03/28/2019	23	500	460	339
03/28/2019	24	480	456	320
03/29/2019	1	647	631	308
03/29/2019	2	580	528	295
03/29/2019	3	500	485	284
03/29/2019	4	460	456	284
03/29/2019	5	456	440	282
03/29/2019	6	500	456	287
03/29/2019	7	480	456	292
03/29/2019	8	647	550	333
03/29/2019	9	647	647	371
03/29/2019	10	647	647	394
03/29/2019	11	647	647	403
03/29/2019	12	647	570	394
03/29/2019	13	647	647	394
03/29/2019	14	647	647	410
03/29/2019	15	647	647	406
03/29/2019	16	647	647	400
03/29/2019	17	600	550	379
03/29/2019	18	550	480	368
03/29/2019	19	552	520	380
03/29/2019	20	500	493	374
03/29/2019	21	500	476	369
03/29/2019	22	487	456	354
03/29/2019	23	500	465	336
03/29/2019	24	480	456	319
03/30/2019	1	631	585	319
03/30/2019	2	580	528	307
03/30/2019	3	530	514	296
03/30/2019	4	530	474	288
03/30/2019	5	500	456	285
03/30/2019	6	456	445	281
03/30/2019	7	456	442	282

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/30/2019	8	575	525	306
03/30/2019	9	575	525	342
03/30/2019	10	575	550	365
03/30/2019	11	600	550	378
03/30/2019	12	595	570	375
03/30/2019	13	595	580	372
03/30/2019	14	647	601	385
03/30/2019	15	600	549	381
03/30/2019	16	550	550	372
03/30/2019	17	550	546	355
03/30/2019	18	550	489	349
03/30/2019	19	552	520	367
03/30/2019	20	520	510	366
03/30/2019	21	647	630	360
03/30/2019	22	580	572	348
03/30/2019	23	535	500	334
03/30/2019	24	475	456	319
03/31/2019	1	550	500	266
03/31/2019	2	500	456	254
03/31/2019	3	480	456	247
03/31/2019	4	456	450	243
03/31/2019	5	456	439	243
03/31/2019	6	480	456	249
03/31/2019	7	480	456	256
03/31/2019	8	470	456	278
03/31/2019	9	480	456	303
03/31/2019	10	500	456	317
03/31/2019	11	550	500	328
03/31/2019	12	520	480	323
03/31/2019	13	530	470	322
03/31/2019	14	580	500	331
03/31/2019	15	550	480	325
03/31/2019	16	520	456	317
03/31/2019	17	500	456	310
03/31/2019	18	480	456	314
03/31/2019	19	552	504	335
03/31/2019	20	500	493	330
03/31/2019	21	550	501	316
03/31/2019	22	480	456	301
03/31/2019	23	456	450	288
03/31/2019	24	456	440	276
04/01/2019	1	550	480	266
04/01/2019	2	520	456	256
04/01/2019	3	480	456	248
04/01/2019	4	456	450	242
04/01/2019	5	460	456	250
04/01/2019	6	500	495	261
04/01/2019	7	480	456	263
04/01/2019	8	647	551	321
04/01/2019	9	647	647	372
04/01/2019	10	647	647	394
04/01/2019	11	647	647	408
04/01/2019	12	647	570	401
04/01/2019	13	647	633	400
04/01/2019	14	647	647	417
04/01/2019	15	647	647	414
04/01/2019	16	647	647	411
04/01/2019	17	647	586	394
04/01/2019	18	550	480	381
04/01/2019	19	589	520	395
04/01/2019	20	531	480	388
04/01/2019	21	515	480	382
04/01/2019	22	500	500	367
04/01/2019	23	495	480	350
04/01/2019	24	480	456	331

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/02/2019	1	580	500	300
04/02/2019	2	550	480	289
04/02/2019	3	480	456	281
04/02/2019	4	456	447	276
04/02/2019	5	456	450	279
04/02/2019	6	460	456	285
04/02/2019	7	520	456	290
04/02/2019	8	580	500	326
04/02/2019	9	647	647	363
04/02/2019	10	647	647	386
04/02/2019	11	647	647	401
04/02/2019	12	647	647	394
04/02/2019	13	647	647	395
04/02/2019	14	647	647	410
04/02/2019	15	647	647	407
04/02/2019	16	647	647	403
04/02/2019	17	647	647	382
04/02/2019	18	628	550	367
04/02/2019	19	647	647	380
04/02/2019	20	647	560	372
04/02/2019	21	580	550	366
04/02/2019	22	550	540	353
04/02/2019	23	520	500	337
04/02/2019	24	480	456	319
04/03/2019	1	600	520	300
04/03/2019	2	569	480	290
04/03/2019	3	480	459	281
04/03/2019	4	459	449	277
04/03/2019	5	480	459	280
04/03/2019	6	460	459	286
04/03/2019	7	480	459	290
04/03/2019	8	580	500	323
04/03/2019	9	647	647	360
04/03/2019	10	647	647	383
04/03/2019	11	647	647	396
04/03/2019	12	647	647	388
04/03/2019	13	647	647	389
04/03/2019	14	647	647	404
04/03/2019	15	647	647	401
04/03/2019	16	647	647	395
04/03/2019	17	647	647	376
04/03/2019	18	628	550	362
04/03/2019	19	647	647	376
04/03/2019	20	618	560	371
04/03/2019	21	580	550	365
04/03/2019	22	550	540	352
04/03/2019	23	520	500	336
04/03/2019	24	480	459	318
04/04/2019	1	647	580	303
04/04/2019	2	580	550	292
04/04/2019	3	550	500	283
04/04/2019	4	500	459	279
04/04/2019	5	520	470	282
04/04/2019	6	580	460	288
04/04/2019	7	550	459	290
04/04/2019	8	647	647	326
04/04/2019	9	647	647	361
04/04/2019	10	647	647	384
04/04/2019	11	647	647	399
04/04/2019	12	647	647	393
04/04/2019	13	647	647	393
04/04/2019	14	647	647	410
04/04/2019	15	647	647	408
04/04/2019	16	647	647	404
04/04/2019	17	647	647	384

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/04/2019	18	647	591	371
04/04/2019	19	647	647	386
04/04/2019	20	647	627	380
04/04/2019	21	647	570	374
04/04/2019	22	647	550	362
04/04/2019	23	647	580	345
04/04/2019	24	647	528	327
04/05/2019	1	647	570	318
04/05/2019	2	580	547	307
04/05/2019	3	544	500	297
04/05/2019	4	459	457	291
04/05/2019	5	481	459	293
04/05/2019	6	550	460	298
04/05/2019	7	520	459	301
04/05/2019	8	647	501	336
04/05/2019	9	647	647	366
04/05/2019	10	647	647	389
04/05/2019	11	647	647	404
04/05/2019	12	647	647	397
04/05/2019	13	647	593	398
04/05/2019	14	647	647	414
04/05/2019	15	647	647	409
04/05/2019	16	647	647	403
04/05/2019	17	647	647	382
04/05/2019	18	580	474	370
04/05/2019	19	617	520	382
04/05/2019	20	600	534	378
04/05/2019	21	590	532	373
04/05/2019	22	509	480	359
04/05/2019	23	520	482	342
04/05/2019	24	459	450	325
04/06/2019	1	647	608	318
04/06/2019	2	620	592	305
04/06/2019	3	540	500	296
04/06/2019	4	500	489	289
04/06/2019	5	500	496	285
04/06/2019	6	550	460	281
04/06/2019	7	520	452	282
04/06/2019	8	523	501	306
04/06/2019	9	580	557	339
04/06/2019	10	600	560	364
04/06/2019	11	647	600	377
04/06/2019	12	625	600	374
04/06/2019	13	600	590	372
04/06/2019	14	647	600	384
04/06/2019	15	647	612	380
04/06/2019	16	647	615	370
04/06/2019	17	585	580	352
04/06/2019	18	521	500	345
04/06/2019	19	617	545	364
04/06/2019	20	617	534	362
04/06/2019	21	600	557	356
04/06/2019	22	600	540	347
04/06/2019	23	591	510	333
04/06/2019	24	527	520	318
04/07/2019	1	550	479	274
04/07/2019	2	520	459	262
04/07/2019	3	500	459	255
04/07/2019	4	459	450	251
04/07/2019	5	460	459	251
04/07/2019	6	480	459	257
04/07/2019	7	520	459	264
04/07/2019	8	550	459	286
04/07/2019	9	540	460	308
04/07/2019	10	550	490	323

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/07/2019	11	580	500	333
04/07/2019	12	550	459	328
04/07/2019	13	530	459	327
04/07/2019	14	590	480	337
04/07/2019	15	550	460	331
04/07/2019	16	540	459	322
04/07/2019	17	540	459	315
04/07/2019	18	550	460	320
04/07/2019	19	647	555	341
04/07/2019	20	600	534	336
04/07/2019	21	590	532	321
04/07/2019	22	500	459	306
04/07/2019	23	460	459	294
04/07/2019	24	459	420	281
04/08/2019	1	580	480	274
04/08/2019	2	550	460	264
04/08/2019	3	511	459	256
04/08/2019	4	459	450	250
04/08/2019	5	460	459	258
04/08/2019	6	463	459	269
04/08/2019	7	459	450	271
04/08/2019	8	550	459	329
04/08/2019	9	540	460	368
04/08/2019	10	647	647	396
04/08/2019	11	647	647	410
04/08/2019	12	647	647	402
04/08/2019	13	647	647	404
04/08/2019	14	647	647	418
04/08/2019	15	647	647	416
04/08/2019	16	647	647	411
04/08/2019	17	647	647	388
04/08/2019	18	550	460	371
04/08/2019	19	647	647	387
04/08/2019	20	647	647	384
04/08/2019	21	647	647	380
04/08/2019	22	647	647	369
04/08/2019	23	600	568	353
04/08/2019	24	547	500	336
04/09/2019	1	647	580	321
04/09/2019	2	600	550	309
04/09/2019	3	580	520	303
04/09/2019	4	550	480	295
04/09/2019	5	540	470	293
04/09/2019	6	520	459	289
04/09/2019	7	550	459	294
04/09/2019	8	550	459	314
04/09/2019	9	540	478	337
04/09/2019	10	560	480	364
04/09/2019	11	596	500	378
04/09/2019	12	519	459	372
04/09/2019	13	531	459	372
04/09/2019	14	550	460	375
04/09/2019	15	550	459	373
04/09/2019	16	500	459	370
04/09/2019	17	500	459	361
04/09/2019	18	550	550	365
04/09/2019	19	647	647	388
04/09/2019	20	647	647	386
04/09/2019	21	647	647	377
04/09/2019	22	647	647	363
04/09/2019	23	647	601	345
04/09/2019	24	520	500	327
04/10/2019	1	647	570	316
04/10/2019	2	580	550	304
04/10/2019	3	550	520	294

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/10/2019	4	500	480	282
04/10/2019	5	480	470	279
04/10/2019	6	459	450	272
04/10/2019	7	550	459	282
04/10/2019	8	600	502	337
04/10/2019	9	647	647	373
04/10/2019	10	647	647	400
04/10/2019	11	647	647	415
04/10/2019	12	647	647	407
04/10/2019	13	647	647	409
04/10/2019	14	647	647	423
04/10/2019	15	647	647	420
04/10/2019	16	647	647	415
04/10/2019	17	647	647	392
04/10/2019	18	647	647	375
04/10/2019	19	647	647	391
04/10/2019	20	647	647	388
04/10/2019	21	647	647	385
04/10/2019	22	647	647	374
04/10/2019	23	647	647	358
04/10/2019	24	647	618	341
04/11/2019	1	647	459	319
04/11/2019	2	647	459	308
04/11/2019	3	647	459	298
04/11/2019	4	647	459	292
04/11/2019	5	647	459	292
04/11/2019	6	647	459	292
04/11/2019	7	647	459	303
04/11/2019	8	647	459	339
04/11/2019	9	647	459	377
04/11/2019	10	647	459	401
04/11/2019	11	647	459	415
04/11/2019	12	647	459	409
04/11/2019	13	647	459	410
04/11/2019	14	647	459	425
04/11/2019	15	647	459	424
04/11/2019	16	647	459	417
04/11/2019	17	647	459	395
04/11/2019	18	647	459	378
04/11/2019	19	647	459	393
04/11/2019	20	647	459	390
04/11/2019	21	647	459	384
04/11/2019	22	647	459	371
04/11/2019	23	647	459	357
04/11/2019	24	647	459	340
04/12/2019	1	647	459	311
04/12/2019	2	647	459	299
04/12/2019	3	647	459	290
04/12/2019	4	647	459	284
04/12/2019	5	647	459	282
04/12/2019	6	647	459	282
04/12/2019	7	647	459	291
04/12/2019	8	647	459	327
04/12/2019	9	647	459	366
04/12/2019	10	647	459	389
04/12/2019	11	647	459	402
04/12/2019	12	647	459	395
04/12/2019	13	647	459	397
04/12/2019	14	647	459	412
04/12/2019	15	647	459	408
04/12/2019	16	647	459	401
04/12/2019	17	647	459	381
04/12/2019	18	647	459	365
04/12/2019	19	647	459	378
04/12/2019	20	647	459	374

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/12/2019	21	647	459	372
04/12/2019	22	647	459	362
04/12/2019	23	647	459	347
04/12/2019	24	647	459	332
04/13/2019	1	647	459	328
04/13/2019	2	647	459	317
04/13/2019	3	647	459	307
04/13/2019	4	647	459	299
04/13/2019	5	647	459	295
04/13/2019	6	647	459	288
04/13/2019	7	647	459	290
04/13/2019	8	647	459	317
04/13/2019	9	647	459	346
04/13/2019	10	647	459	368
04/13/2019	11	647	459	384
04/13/2019	12	647	459	378
04/13/2019	13	647	459	380
04/13/2019	14	647	459	393
04/13/2019	15	647	459	390
04/13/2019	16	647	459	381
04/13/2019	17	647	459	365
04/13/2019	18	647	459	357
04/13/2019	19	647	459	377
04/13/2019	20	647	459	377
04/13/2019	21	647	459	378
04/13/2019	22	647	459	368
04/13/2019	23	647	459	357
04/13/2019	24	647	459	343
04/14/2019	1	647	459	278
04/14/2019	2	647	459	266
04/14/2019	3	580	459	259
04/14/2019	4	550	459	255
04/14/2019	5	540	459	255
04/14/2019	6	580	459	261
04/14/2019	7	609	459	268
04/14/2019	8	647	459	290
04/14/2019	9	647	459	314
04/14/2019	10	647	459	329
04/14/2019	11	647	459	339
04/14/2019	12	647	459	334
04/14/2019	13	647	459	333
04/14/2019	14	647	459	343
04/14/2019	15	647	459	337
04/14/2019	16	647	459	328
04/14/2019	17	647	459	321
04/14/2019	18	647	459	326
04/14/2019	19	647	459	347
04/14/2019	20	647	459	341
04/14/2019	21	647	459	327
04/14/2019	22	601	459	312
04/14/2019	23	580	459	299
04/14/2019	24	480	459	287
04/15/2019	1	647	459	295
04/15/2019	2	647	459	283
04/15/2019	3	647	459	274
04/15/2019	4	580	459	268
04/15/2019	5	550	459	262
04/15/2019	6	560	459	266
04/15/2019	7	580	459	275
04/15/2019	8	647	459	315
04/15/2019	9	647	459	366
04/15/2019	10	647	459	389
04/15/2019	11	647	459	402
04/15/2019	12	647	459	395
04/15/2019	13	647	459	397

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/15/2019	14	647	459	412
04/15/2019	15	647	459	408
04/15/2019	16	647	459	401
04/15/2019	17	647	459	381
04/15/2019	18	647	459	365
04/15/2019	19	647	459	378
04/15/2019	20	647	459	374
04/15/2019	21	647	459	372
04/15/2019	22	647	459	362
04/15/2019	23	647	459	347
04/15/2019	24	647	459	332
04/16/2019	1	647	459	305
04/16/2019	2	647	459	294
04/16/2019	3	647	459	286
04/16/2019	4	580	459	281
04/16/2019	5	550	459	285
04/16/2019	6	560	459	292
04/16/2019	7	560	459	295
04/16/2019	8	647	459	329
04/16/2019	9	647	459	367
04/16/2019	10	647	459	390
04/16/2019	11	647	459	405
04/16/2019	12	647	459	398
04/16/2019	13	647	459	400
04/16/2019	14	647	459	417
04/16/2019	15	647	459	414
04/16/2019	16	647	459	410
04/16/2019	17	647	459	389
04/16/2019	18	647	459	377
04/16/2019	19	647	459	389
04/16/2019	20	647	459	382
04/16/2019	21	647	459	375
04/16/2019	22	647	459	363
04/16/2019	23	647	459	344
04/16/2019	24	647	459	326
04/17/2019	1	580	550	320
04/17/2019	2	550	500	309
04/17/2019	3	500	459	299
04/17/2019	4	480	459	291
04/17/2019	5	460	459	287
04/17/2019	6	459	420	280
04/17/2019	7	459	450	282
04/17/2019	8	459	420	309
04/17/2019	9	459	450	346
04/17/2019	10	459	459	368
04/17/2019	11	571	459	384
04/17/2019	12	500	459	378
04/17/2019	13	500	459	380
04/17/2019	14	647	505	393
04/17/2019	15	647	476	390
04/17/2019	16	580	459	381
04/17/2019	17	500	459	365
04/17/2019	18	480	459	357
04/17/2019	19	601	459	377
04/17/2019	20	580	459	377
04/17/2019	21	567	459	378
04/17/2019	22	550	459	368
04/17/2019	23	647	616	357
04/17/2019	24	647	600	343
04/18/2019	1	300	300	250
04/18/2019	2	300	300	242
04/18/2019	3	300	300	234
04/18/2019	4	300	300	227
04/18/2019	5	300	300	223
04/18/2019	6	300	300	216

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/18/2019	7	300	300	236
04/18/2019	8	300	300	243
04/18/2019	9	300	300	256
04/18/2019	10	300	300	264
04/18/2019	11	300	300	272
04/18/2019	12	300	300	275
04/18/2019	13	300	300	276
04/18/2019	14	331	325	282
04/18/2019	15	300	300	276
04/18/2019	16	300	300	270
04/18/2019	17	300	300	265
04/18/2019	18	300	300	273
04/18/2019	19	441	435	293
04/18/2019	20	450	444	294
04/18/2019	21	420	420	292
04/18/2019	22	420	420	285
04/18/2019	23	420	420	278
04/18/2019	24	333	333	262
04/19/2019	1	459	350	235
04/19/2019	2	459	266	222
04/19/2019	3	459	266	215
04/19/2019	4	459	264	208
04/19/2019	5	459	262	206
04/19/2019	6	459	225	201
04/19/2019	7	459	350	221
04/19/2019	8	459	350	227
04/19/2019	9	459	354	233
04/19/2019	10	459	397	249
04/19/2019	11	459	450	261
04/19/2019	12	459	450	259
04/19/2019	13	459	450	257
04/19/2019	14	459	450	258
04/19/2019	15	459	450	254
04/19/2019	16	459	450	250
04/19/2019	17	459	450	250
04/19/2019	18	550	459	275
04/19/2019	19	520	459	275
04/19/2019	20	500	459	259
04/19/2019	21	459	450	250
04/19/2019	22	459	450	241
04/19/2019	23	459	350	234
04/19/2019	24	459	350	227
04/20/2019	1	459	350	237
04/20/2019	2	459	326	228
04/20/2019	3	459	325	223
04/20/2019	4	459	325	219
04/20/2019	5	459	325	217
04/20/2019	6	459	325	216
04/20/2019	7	459	266	211
04/20/2019	8	459	275	222
04/20/2019	9	459	353	240
04/20/2019	10	459	397	255
04/20/2019	11	459	450	266
04/20/2019	12	459	450	265
04/20/2019	13	459	450	265
04/20/2019	14	459	450	268
04/20/2019	15	459	450	268
04/20/2019	16	459	450	264
04/20/2019	17	459	450	261
04/20/2019	18	459	420	273
04/20/2019	19	520	459	291
04/20/2019	20	520	459	289
04/20/2019	21	517	459	283
04/20/2019	22	500	459	272
04/20/2019	23	500	459	259

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/20/2019	24	459	402	248
04/21/2019	1	550	459	282
04/21/2019	2	480	459	270
04/21/2019	3	459	444	263
04/21/2019	4	459	420	259
04/21/2019	5	459	420	259
04/21/2019	6	459	440	265
04/21/2019	7	459	450	272
04/21/2019	8	460	459	294
04/21/2019	9	470	459	301
04/21/2019	10	480	459	315
04/21/2019	11	550	480	326
04/21/2019	12	480	459	321
04/21/2019	13	480	459	320
04/21/2019	14	544	459	330
04/21/2019	15	480	459	324
04/21/2019	16	480	459	315
04/21/2019	17	480	459	308
04/21/2019	18	516	472	312
04/21/2019	19	647	542	334
04/21/2019	20	582	500	328
04/21/2019	21	550	459	314
04/21/2019	22	540	459	299
04/21/2019	23	512	459	286
04/21/2019	24	480	459	274
04/22/2019	1	520	459	295
04/22/2019	2	480	459	283
04/22/2019	3	459	450	274
04/22/2019	4	459	420	268
04/22/2019	5	459	430	273
04/22/2019	6	459	440	281
04/22/2019	7	459	450	291
04/22/2019	8	460	459	336
04/22/2019	9	647	580	377
04/22/2019	10	647	580	403
04/22/2019	11	647	647	418
04/22/2019	12	647	647	415
04/22/2019	13	647	647	415
04/22/2019	14	647	647	432
04/22/2019	15	647	647	430
04/22/2019	16	647	647	423
04/22/2019	17	550	500	399
04/22/2019	18	480	459	376
04/22/2019	19	539	460	392
04/22/2019	20	480	459	387
04/22/2019	21	480	459	384
04/22/2019	22	480	459	376
04/22/2019	23	480	459	361
04/22/2019	24	480	459	345
04/23/2019	1	647	647	333
04/23/2019	2	647	647	325
04/23/2019	3	647	647	314
04/23/2019	4	647	647	308
04/23/2019	5	647	647	307
04/23/2019	6	647	647	314
04/23/2019	7	647	647	320
04/23/2019	8	647	647	358
04/23/2019	9	647	647	393
04/23/2019	10	647	647	414
04/23/2019	11	647	647	429
04/23/2019	12	647	647	424
04/23/2019	13	647	647	424
04/23/2019	14	647	647	438
04/23/2019	15	647	647	436
04/23/2019	16	647	647	432

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/23/2019	17	647	647	411
04/23/2019	18	647	647	398
04/23/2019	19	647	647	410
04/23/2019	20	647	647	404
04/23/2019	21	647	647	399
04/23/2019	22	647	647	392
04/23/2019	23	647	647	370
04/23/2019	24	647	647	352
04/24/2019	1	647	647	321
04/24/2019	2	647	647	313
04/24/2019	3	647	647	302
04/24/2019	4	647	647	296
04/24/2019	5	647	647	295
04/24/2019	6	647	647	302
04/24/2019	7	647	647	308
04/24/2019	8	647	647	350
04/24/2019	9	647	647	380
04/24/2019	10	647	647	401
04/24/2019	11	647	647	416
04/24/2019	12	647	647	411
04/24/2019	13	647	647	411
04/24/2019	14	647	647	426
04/24/2019	15	647	647	424
04/24/2019	16	647	647	419
04/24/2019	17	647	647	398
04/24/2019	18	647	647	385
04/24/2019	19	647	647	397
04/24/2019	20	647	647	391
04/24/2019	21	647	647	386
04/24/2019	22	647	647	379
04/24/2019	23	647	647	357
04/24/2019	24	647	647	339
04/25/2019	1	647	647	324
04/25/2019	2	647	618	312
04/25/2019	3	647	600	302
04/25/2019	4	647	566	296
04/25/2019	5	647	647	297
04/25/2019	6	647	647	300
04/25/2019	7	647	647	307
04/25/2019	8	647	647	345
04/25/2019	9	647	647	381
04/25/2019	10	647	647	405
04/25/2019	11	647	647	421
04/25/2019	12	647	647	416
04/25/2019	13	647	647	416
04/25/2019	14	647	647	433
04/25/2019	15	647	647	430
04/25/2019	16	647	647	426
04/25/2019	17	647	647	404
04/25/2019	18	647	647	388
04/25/2019	19	647	647	403
04/25/2019	20	647	647	398
04/25/2019	21	647	647	392
04/25/2019	22	647	647	379
04/25/2019	23	647	647	363
04/25/2019	24	647	647	345
04/26/2019	1	647	647	330
04/26/2019	2	647	618	315
04/26/2019	3	647	600	307
04/26/2019	4	647	566	299
04/26/2019	5	647	647	300
04/26/2019	6	647	647	300
04/26/2019	7	647	647	308
04/26/2019	8	647	647	344
04/26/2019	9	647	647	381

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/26/2019	10	647	647	405
04/26/2019	11	647	647	420
04/26/2019	12	647	647	414
04/26/2019	13	647	647	416
04/26/2019	14	647	647	427
04/26/2019	15	647	647	424
04/26/2019	16	647	647	417
04/26/2019	17	647	647	398
04/26/2019	18	647	647	381
04/26/2019	19	647	647	396
04/26/2019	20	647	647	392
04/26/2019	21	647	647	389
04/26/2019	22	647	647	377
04/26/2019	23	647	647	360
04/26/2019	24	647	647	344
04/27/2019	1	647	647	343
04/27/2019	2	647	647	331
04/27/2019	3	647	647	320
04/27/2019	4	647	647	313
04/27/2019	5	647	647	305
04/27/2019	6	647	647	296
04/27/2019	7	647	647	293
04/27/2019	8	647	647	320
04/27/2019	9	647	647	350
04/27/2019	10	647	647	373
04/27/2019	11	647	647	387
04/27/2019	12	647	647	381
04/27/2019	13	647	647	384
04/27/2019	14	647	647	395
04/27/2019	15	647	647	392
04/27/2019	16	647	647	382
04/27/2019	17	647	647	364
04/27/2019	18	647	647	356
04/27/2019	19	647	647	375
04/27/2019	20	647	647	377
04/27/2019	21	647	647	377
04/27/2019	22	647	647	368
04/27/2019	23	647	647	357
04/27/2019	24	647	647	342
04/28/2019	1	647	550	294
04/28/2019	2	576	550	282
04/28/2019	3	550	500	275
04/28/2019	4	520	480	271
04/28/2019	5	530	470	271
04/28/2019	6	550	500	277
04/28/2019	7	590	586	284
04/28/2019	8	647	632	306
04/28/2019	9	647	647	342
04/28/2019	10	647	647	356
04/28/2019	11	647	647	367
04/28/2019	12	647	647	362
04/28/2019	13	647	647	361
04/28/2019	14	647	647	371
04/28/2019	15	647	647	364
04/28/2019	16	647	647	356
04/28/2019	17	647	647	349
04/28/2019	18	647	647	353
04/28/2019	19	647	647	375
04/28/2019	20	647	647	369
04/28/2019	21	647	647	355
04/28/2019	22	647	647	340
04/28/2019	23	647	561	327
04/28/2019	24	540	468	315
04/29/2019	1	647	580	300
04/29/2019	2	580	560	288

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/29/2019	3	550	520	278
04/29/2019	4	518	500	272
04/29/2019	5	551	510	273
04/29/2019	6	550	500	276
04/29/2019	7	600	586	291
04/29/2019	8	647	647	345
04/29/2019	9	647	647	392
04/29/2019	10	647	647	415
04/29/2019	11	647	647	432
04/29/2019	12	647	647	426
04/29/2019	13	647	647	427
04/29/2019	14	647	647	444
04/29/2019	15	647	647	441
04/29/2019	16	647	647	437
04/29/2019	17	647	647	415
04/29/2019	18	647	647	399
04/29/2019	19	647	647	414
04/29/2019	20	647	647	409
04/29/2019	21	647	647	403
04/29/2019	22	647	647	390
04/29/2019	23	647	647	373
04/29/2019	24	647	647	356
04/30/2019	1	647	647	343
04/30/2019	2	647	647	331
04/30/2019	3	647	647	319
04/30/2019	4	647	647	312
04/30/2019	5	647	647	308
04/30/2019	6	647	647	305
04/30/2019	7	647	647	310
04/30/2019	8	647	647	349
04/30/2019	9	647	647	386
04/30/2019	10	647	647	410
04/30/2019	11	647	647	425
04/30/2019	12	647	647	421
04/30/2019	13	647	647	422
04/30/2019	14	647	647	436
04/30/2019	15	647	647	435
04/30/2019	16	647	647	430
04/30/2019	17	647	647	405
04/30/2019	18	647	647	387
04/30/2019	19	647	647	403
04/30/2019	20	647	647	398
04/30/2019	21	647	647	395
04/30/2019	22	647	647	391
04/30/2019	23	647	647	379
04/30/2019	24	647	647	364
05/01/2019	1	507	500	325
05/01/2019	2	523	500	314
05/01/2019	3	500	500	304
05/01/2019	4	500	500	295
05/01/2019	5	500	500	289
05/01/2019	6	500	494	284
05/01/2019	7	500	460	283
05/01/2019	8	500	460	301
05/01/2019	9	500	474	324
05/01/2019	10	500	460	350
05/01/2019	11	575	491	366
05/01/2019	12	535	500	365
05/01/2019	13	579	545	369
05/01/2019	14	647	558	379
05/01/2019	15	600	555	375
05/01/2019	16	603	600	370
05/01/2019	17	500	500	354
05/01/2019	18	535	500	350
05/01/2019	19	647	586	376

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/01/2019	20	600	552	372
05/01/2019	21	573	536	369
05/01/2019	22	583	550	355
05/01/2019	23	566	550	344
05/01/2019	24	500	500	330
05/02/2019	1	647	550	315
05/02/2019	2	647	500	303
05/02/2019	3	647	460	291
05/02/2019	4	647	460	284
05/02/2019	5	647	460	280
05/02/2019	6	647	460	277
05/02/2019	7	647	460	282
05/02/2019	8	647	500	337
05/02/2019	9	647	647	382
05/02/2019	10	647	647	406
05/02/2019	11	647	647	422
05/02/2019	12	647	647	417
05/02/2019	13	647	647	418
05/02/2019	14	647	647	432
05/02/2019	15	647	647	431
05/02/2019	16	647	647	426
05/02/2019	17	647	549	401
05/02/2019	18	647	500	383
05/02/2019	19	647	647	399
05/02/2019	20	647	647	394
05/02/2019	21	647	589	391
05/02/2019	22	647	550	387
05/02/2019	23	647	500	375
05/02/2019	24	647	460	360
05/03/2019	1	647	647	352
05/03/2019	2	647	500	328
05/03/2019	3	647	460	316
05/03/2019	4	580	460	309
05/03/2019	5	550	460	305
05/03/2019	6	500	460	296
05/03/2019	7	580	505	298
05/03/2019	8	647	523	345
05/03/2019	9	647	647	387
05/03/2019	10	647	647	409
05/03/2019	11	647	647	423
05/03/2019	12	647	647	417
05/03/2019	13	647	647	419
05/03/2019	14	647	647	435
05/03/2019	15	647	647	432
05/03/2019	16	647	647	423
05/03/2019	17	624	540	399
05/03/2019	18	580	500	381
05/03/2019	19	647	545	395
05/03/2019	20	647	588	392
05/03/2019	21	617	552	391
05/03/2019	22	580	520	382
05/03/2019	23	570	500	375
05/03/2019	24	550	460	358
05/04/2019	1	647	647	342
05/04/2019	2	647	647	332
05/04/2019	3	647	647	319
05/04/2019	4	647	647	313
05/04/2019	5	647	647	303
05/04/2019	6	647	647	295
05/04/2019	7	647	647	298
05/04/2019	8	647	647	324
05/04/2019	9	647	647	354
05/04/2019	10	647	647	375
05/04/2019	11	647	647	386
05/04/2019	12	647	647	383

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/04/2019	13	647	647	387
05/04/2019	14	647	647	400
05/04/2019	15	647	647	396
05/04/2019	16	647	647	388
05/04/2019	17	647	647	368
05/04/2019	18	647	647	355
05/04/2019	19	647	647	373
05/04/2019	20	647	647	374
05/04/2019	21	647	647	373
05/04/2019	22	647	647	370
05/04/2019	23	647	647	357
05/04/2019	24	647	647	343
05/05/2019	1	647	647	298
05/05/2019	2	647	500	286
05/05/2019	3	647	460	279
05/05/2019	4	580	460	276
05/05/2019	5	550	460	275
05/05/2019	6	500	460	282
05/05/2019	7	580	505	288
05/05/2019	8	647	523	310
05/05/2019	9	647	647	325
05/05/2019	10	647	647	340
05/05/2019	11	647	647	350
05/05/2019	12	647	647	345
05/05/2019	13	647	647	344
05/05/2019	14	647	647	354
05/05/2019	15	647	647	348
05/05/2019	16	647	647	339
05/05/2019	17	624	540	332
05/05/2019	18	580	500	337
05/05/2019	19	647	545	358
05/05/2019	20	647	588	353
05/05/2019	21	617	552	338
05/05/2019	22	580	520	323
05/05/2019	23	570	500	311
05/05/2019	24	550	460	298
05/06/2019	1	647	647	312
05/06/2019	2	620	580	300
05/06/2019	3	580	520	290
05/06/2019	4	580	460	278
05/06/2019	5	550	460	275
05/06/2019	6	574	460	268
05/06/2019	7	580	467	282
05/06/2019	8	590	493	337
05/06/2019	9	647	505	379
05/06/2019	10	647	647	400
05/06/2019	11	647	647	411
05/06/2019	12	647	647	405
05/06/2019	13	647	647	407
05/06/2019	14	647	647	423
05/06/2019	15	647	647	422
05/06/2019	16	647	647	414
05/06/2019	17	647	647	393
05/06/2019	18	647	647	374
05/06/2019	19	647	647	387
05/06/2019	20	647	647	386
05/06/2019	21	647	647	387
05/06/2019	22	647	647	377
05/06/2019	23	647	647	364
05/06/2019	24	647	647	350
05/07/2019	1	647	647	316
05/07/2019	2	647	647	305
05/07/2019	3	572	500	293
05/07/2019	4	500	460	285
05/07/2019	5	480	460	281

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/07/2019	6	540	460	276
05/07/2019	7	600	585	289
05/07/2019	8	647	602	320
05/07/2019	9	647	647	333
05/07/2019	10	647	647	403
05/07/2019	11	647	647	416
05/07/2019	12	647	647	413
05/07/2019	13	647	647	416
05/07/2019	14	647	647	423
05/07/2019	15	647	647	423
05/07/2019	16	647	647	419
05/07/2019	17	647	580	396
05/07/2019	18	647	550	379
05/07/2019	19	647	580	392
05/07/2019	20	647	550	387
05/07/2019	21	647	500	380
05/07/2019	22	600	480	373
05/07/2019	23	580	460	356
05/07/2019	24	500	460	336
05/08/2019	1	647	647	328
05/08/2019	2	647	647	316
05/08/2019	3	580	550	304
05/08/2019	4	550	480	296
05/08/2019	5	500	460	291
05/08/2019	6	540	460	286
05/08/2019	7	600	585	294
05/08/2019	8	647	647	347
05/08/2019	9	647	647	387
05/08/2019	10	647	647	406
05/08/2019	11	647	647	421
05/08/2019	12	647	647	416
05/08/2019	13	647	647	415
05/08/2019	14	647	647	426
05/08/2019	15	647	647	419
05/08/2019	16	647	647	411
05/08/2019	17	647	539	390
05/08/2019	18	647	527	376
05/08/2019	19	647	647	393
05/08/2019	20	647	557	390
05/08/2019	21	647	540	390
05/08/2019	22	608	500	383
05/08/2019	23	601	480	367
05/08/2019	24	580	460	345
05/09/2019	1	647	580	319
05/09/2019	2	590	550	306
05/09/2019	3	560	520	296
05/09/2019	4	530	470	285
05/09/2019	5	490	460	282
05/09/2019	6	480	460	272
05/09/2019	7	550	460	284
05/09/2019	8	580	500	334
05/09/2019	9	647	550	372
05/09/2019	10	647	626	387
05/09/2019	11	647	647	400
05/09/2019	12	647	647	397
05/09/2019	13	647	611	398
05/09/2019	14	647	647	411
05/09/2019	15	647	647	408
05/09/2019	16	647	647	400
05/09/2019	17	571	500	383
05/09/2019	18	550	480	367
05/09/2019	19	580	550	382
05/09/2019	20	647	557	379
05/09/2019	21	647	551	377
05/09/2019	22	550	500	372

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/09/2019	23	520	480	356
05/09/2019	24	500	460	335
05/10/2019	1	647	647	318
05/10/2019	2	647	647	309
05/10/2019	3	647	647	298
05/10/2019	4	647	600	287
05/10/2019	5	647	600	286
05/10/2019	6	647	575	279
05/10/2019	7	647	600	291
05/10/2019	8	647	647	341
05/10/2019	9	647	647	380
05/10/2019	10	647	647	402
05/10/2019	11	647	647	412
05/10/2019	12	647	647	406
05/10/2019	13	647	647	407
05/10/2019	14	647	647	418
05/10/2019	15	647	647	416
05/10/2019	16	647	647	410
05/10/2019	17	647	647	392
05/10/2019	18	647	647	374
05/10/2019	19	647	647	387
05/10/2019	20	647	647	385
05/10/2019	21	647	647	385
05/10/2019	22	647	615	375
05/10/2019	23	647	600	356
05/10/2019	24	647	628	338
05/11/2019	1	647	580	318
05/11/2019	2	590	560	308
05/11/2019	3	560	520	295
05/11/2019	4	530	470	289
05/11/2019	5	490	460	279
05/11/2019	6	480	460	271
05/11/2019	7	550	460	274
05/11/2019	8	500	460	300
05/11/2019	9	530	480	331
05/11/2019	10	550	500	352
05/11/2019	11	580	518	363
05/11/2019	12	540	460	360
05/11/2019	13	560	480	364
05/11/2019	14	647	647	377
05/11/2019	15	647	596	373
05/11/2019	16	647	576	365
05/11/2019	17	550	480	345
05/11/2019	18	500	460	332
05/11/2019	19	597	550	350
05/11/2019	20	597	585	351
05/11/2019	21	597	580	350
05/11/2019	22	534	500	347
05/11/2019	23	520	480	334
05/11/2019	24	500	460	320
05/12/2019	1	590	539	314
05/12/2019	2	590	527	303
05/12/2019	3	560	520	291
05/12/2019	4	511	470	282
05/12/2019	5	490	460	273
05/12/2019	6	480	460	268
05/12/2019	7	550	460	268
05/12/2019	8	500	460	282
05/12/2019	9	500	460	299
05/12/2019	10	500	460	310
05/12/2019	11	550	460	320
05/12/2019	12	540	460	319
05/12/2019	13	560	460	318
05/12/2019	14	580	460	321
05/12/2019	15	550	460	324

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/12/2019	16	518	460	317
05/12/2019	17	480	460	310
05/12/2019	18	500	460	319
05/12/2019	19	647	647	353
05/12/2019	20	647	647	353
05/12/2019	21	647	647	350
05/12/2019	22	534	500	335
05/12/2019	23	520	480	323
05/12/2019	24	480	460	306
05/13/2019	1	500	484	298
05/13/2019	2	500	463	287
05/13/2019	3	500	460	277
05/13/2019	4	500	464	274
05/13/2019	5	500	478	279
05/13/2019	6	500	460	272
05/13/2019	7	482	420	269
05/13/2019	8	420	420	285
05/13/2019	9	420	420	309
05/13/2019	10	460	446	333
05/13/2019	11	522	460	342
05/13/2019	12	460	450	340
05/13/2019	13	520	460	344
05/13/2019	14	522	520	346
05/13/2019	15	500	478	342
05/13/2019	16	505	500	335
05/13/2019	17	506	460	331
05/13/2019	18	500	484	335
05/13/2019	19	647	582	362
05/13/2019	20	618	559	360
05/13/2019	21	600	562	357
05/13/2019	22	600	545	347
05/13/2019	23	525	460	331
05/13/2019	24	500	460	312
05/14/2019	1	580	550	316
05/14/2019	2	550	530	304
05/14/2019	3	520	500	294
05/14/2019	4	500	480	282
05/14/2019	5	500	470	279
05/14/2019	6	480	460	272
05/14/2019	7	550	500	282
05/14/2019	8	566	540	337
05/14/2019	9	647	647	380
05/14/2019	10	647	647	401
05/14/2019	11	647	647	412
05/14/2019	12	647	647	406
05/14/2019	13	647	647	408
05/14/2019	14	647	647	425
05/14/2019	15	647	647	423
05/14/2019	16	647	647	415
05/14/2019	17	647	647	394
05/14/2019	18	647	580	375
05/14/2019	19	647	588	388
05/14/2019	20	647	560	387
05/14/2019	21	647	550	384
05/14/2019	22	647	540	378
05/14/2019	23	647	520	365
05/14/2019	24	647	500	351
05/15/2019	1	647	580	316
05/15/2019	2	580	550	304
05/15/2019	3	550	500	294
05/15/2019	4	520	460	282
05/15/2019	5	500	460	279
05/15/2019	6	500	460	272
05/15/2019	7	580	550	282
05/15/2019	8	647	647	337

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/15/2019	9	647	647	380
05/15/2019	10	647	647	401
05/15/2019	11	647	647	412
05/15/2019	12	647	647	406
05/15/2019	13	647	647	408
05/15/2019	14	647	647	425
05/15/2019	15	647	647	423
05/15/2019	16	647	647	415
05/15/2019	17	647	647	394
05/15/2019	18	647	617	375
05/15/2019	19	647	647	388
05/15/2019	20	647	647	387
05/15/2019	21	647	647	384
05/15/2019	22	647	647	378
05/15/2019	23	647	647	365
05/15/2019	24	647	632	351
05/16/2019	1	647	638	321
05/16/2019	2	580	550	310
05/16/2019	3	550	500	301
05/16/2019	4	520	460	292
05/16/2019	5	500	460	289
05/16/2019	6	500	460	285
05/16/2019	7	590	540	300
05/16/2019	8	647	647	353
05/16/2019	9	647	647	398
05/16/2019	10	647	647	423
05/16/2019	11	647	647	437
05/16/2019	12	647	647	433
05/16/2019	13	647	647	435
05/16/2019	14	647	647	447
05/16/2019	15	647	647	443
05/16/2019	16	647	647	435
05/16/2019	17	647	647	415
05/16/2019	18	647	617	396
05/16/2019	19	647	647	407
05/16/2019	20	647	647	404
05/16/2019	21	647	647	402
05/16/2019	22	647	647	391
05/16/2019	23	647	647	374
05/16/2019	24	647	546	351
05/17/2019	1	647	620	323
05/17/2019	2	580	560	311
05/17/2019	3	570	500	298
05/17/2019	4	530	460	290
05/17/2019	5	500	460	286
05/17/2019	6	500	460	282
05/17/2019	7	647	540	316
05/17/2019	8	647	647	356
05/17/2019	9	647	647	386
05/17/2019	10	647	647	408
05/17/2019	11	647	647	420
05/17/2019	12	647	647	415
05/17/2019	13	647	647	417
05/17/2019	14	647	647	429
05/17/2019	15	647	647	425
05/17/2019	16	647	647	416
05/17/2019	17	647	600	397
05/17/2019	18	580	579	380
05/17/2019	19	647	647	392
05/17/2019	20	647	647	389
05/17/2019	21	647	615	387
05/17/2019	22	647	574	379
05/17/2019	23	591	550	359
05/17/2019	24	550	500	339
05/18/2019	1	625	593	329

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/18/2019	2	625	575	319
05/18/2019	3	570	553	306
05/18/2019	4	600	550	296
05/18/2019	5	600	460	292
05/18/2019	6	500	460	281
05/18/2019	7	500	460	287
05/18/2019	8	643	600	324
05/18/2019	9	647	600	362
05/18/2019	10	647	647	385
05/18/2019	11	647	647	398
05/18/2019	12	647	647	391
05/18/2019	13	647	568	389
05/18/2019	14	647	647	399
05/18/2019	15	647	647	392
05/18/2019	16	612	600	383
05/18/2019	17	600	519	367
05/18/2019	18	600	528	358
05/18/2019	19	600	533	378
05/18/2019	20	647	590	379
05/18/2019	21	647	647	380
05/18/2019	22	647	647	375
05/18/2019	23	612	540	357
05/18/2019	24	540	523	337
05/19/2019	1	600	570	314
05/19/2019	2	580	560	302
05/19/2019	3	570	500	291
05/19/2019	4	530	460	282
05/19/2019	5	509	460	273
05/19/2019	6	500	460	268
05/19/2019	7	480	460	268
05/19/2019	8	480	460	282
05/19/2019	9	540	460	304
05/19/2019	10	550	460	314
05/19/2019	11	580	535	324
05/19/2019	12	563	460	323
05/19/2019	13	570	460	323
05/19/2019	14	580	460	328
05/19/2019	15	560	460	325
05/19/2019	16	558	460	321
05/19/2019	17	550	460	314
05/19/2019	18	560	460	324
05/19/2019	19	647	621	357
05/19/2019	20	647	647	358
05/19/2019	21	647	647	354
05/19/2019	22	580	523	340
05/19/2019	23	500	480	327
05/19/2019	24	480	460	310
05/20/2019	1	600	570	309
05/20/2019	2	580	540	298
05/20/2019	3	550	500	289
05/20/2019	4	500	460	280
05/20/2019	5	480	460	277
05/20/2019	6	460	460	273
05/20/2019	7	480	460	288
05/20/2019	8	480	460	353
05/20/2019	9	647	647	402
05/20/2019	10	647	647	427
05/20/2019	11	647	647	441
05/20/2019	12	647	647	437
05/20/2019	13	647	647	439
05/20/2019	14	647	647	451
05/20/2019	15	647	647	446
05/20/2019	16	647	647	439
05/20/2019	17	647	647	418
05/20/2019	18	647	647	400

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/20/2019	19	647	647	411
05/20/2019	20	647	647	408
05/20/2019	21	647	647	406
05/20/2019	22	647	647	395
05/20/2019	23	647	647	378
05/20/2019	24	647	647	355
05/21/2019	1	647	647	341
05/21/2019	2	647	647	317
05/21/2019	3	647	572	307
05/21/2019	4	580	550	300
05/21/2019	5	550	465	297
05/21/2019	6	580	534	295
05/21/2019	7	647	647	318
05/21/2019	8	647	647	354
05/21/2019	9	647	647	391
05/21/2019	10	647	647	414
05/21/2019	11	647	647	431
05/21/2019	12	647	647	425
05/21/2019	13	647	647	424
05/21/2019	14	647	647	435
05/21/2019	15	647	647	429
05/21/2019	16	647	647	423
05/21/2019	17	647	647	402
05/21/2019	18	647	647	389
05/21/2019	19	647	647	401
05/21/2019	20	647	647	400
05/21/2019	21	647	647	399
05/21/2019	22	647	647	391
05/21/2019	23	647	647	377
05/21/2019	24	647	647	363
05/22/2019	1	647	647	348
05/22/2019	2	647	647	336
05/22/2019	3	647	647	325
05/22/2019	4	647	647	315
05/22/2019	5	647	647	309
05/22/2019	6	647	632	300
05/22/2019	7	580	520	303
05/22/2019	8	647	647	361
05/22/2019	9	647	647	401
05/22/2019	10	647	647	431
05/22/2019	11	647	647	445
05/22/2019	12	647	647	439
05/22/2019	13	647	647	438
05/22/2019	14	647	647	452
05/22/2019	15	647	647	448
05/22/2019	16	647	647	442
05/22/2019	17	647	647	419
05/22/2019	18	647	647	402
05/22/2019	19	647	647	419
05/22/2019	20	647	647	417
05/22/2019	21	647	647	415
05/22/2019	22	647	647	408
05/22/2019	23	647	647	390
05/22/2019	24	647	647	368
05/23/2019	1	647	647	351
05/23/2019	2	647	647	340
05/23/2019	3	647	647	329
05/23/2019	4	647	647	319
05/23/2019	5	647	647	314
05/23/2019	6	647	625	308
05/23/2019	7	647	647	322
05/23/2019	8	647	647	360
05/23/2019	9	647	647	398
05/23/2019	10	647	647	419
05/23/2019	11	647	647	433

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/23/2019	12	647	647	426
05/23/2019	13	647	647	429
05/23/2019	14	647	647	442
05/23/2019	15	647	647	440
05/23/2019	16	647	647	433
05/23/2019	17	647	647	412
05/23/2019	18	647	647	395
05/23/2019	19	647	647	407
05/23/2019	20	647	647	408
05/23/2019	21	647	647	408
05/23/2019	22	647	647	404
05/23/2019	23	647	647	391
05/23/2019	24	647	647	376
05/24/2019	1	647	647	334
05/24/2019	2	647	647	325
05/24/2019	3	647	647	311
05/24/2019	4	580	550	302
05/24/2019	5	560	530	298
05/24/2019	6	540	500	292
05/24/2019	7	647	508	305
05/24/2019	8	647	647	355
05/24/2019	9	647	647	395
05/24/2019	10	647	647	422
05/24/2019	11	647	647	433
05/24/2019	12	647	622	421
05/24/2019	13	647	647	423
05/24/2019	14	647	647	439
05/24/2019	15	647	647	431
05/24/2019	16	647	647	426
05/24/2019	17	608	550	403
05/24/2019	18	520	500	385
05/24/2019	19	550	520	401
05/24/2019	20	510	500	402
05/24/2019	21	580	556	402
05/24/2019	22	571	550	395
05/24/2019	23	600	556	379
05/24/2019	24	479	460	358
05/25/2019	1	647	600	355
05/25/2019	2	638	600	337
05/25/2019	3	647	600	325
05/25/2019	4	580	550	314
05/25/2019	5	580	550	310
05/25/2019	6	517	500	299
05/25/2019	7	542	500	302
05/25/2019	8	550	500	330
05/25/2019	9	583	500	362
05/25/2019	10	590	500	386
05/25/2019	11	647	545	398
05/25/2019	12	550	550	392
05/25/2019	13	550	550	390
05/25/2019	14	647	525	399
05/25/2019	15	600	511	393
05/25/2019	16	550	500	383
05/25/2019	17	550	550	367
05/25/2019	18	520	500	358
05/25/2019	19	550	532	379
05/25/2019	20	524	500	379
05/25/2019	21	600	588	380
05/25/2019	22	598	590	376
05/25/2019	23	580	556	363
05/25/2019	24	532	513	350
05/26/2019	1	647	647	322
05/26/2019	2	647	647	313
05/26/2019	3	580	550	299
05/26/2019	4	550	520	290

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/26/2019	5	500	480	286
05/26/2019	6	500	460	280
05/26/2019	7	500	460	293
05/26/2019	8	520	460	347
05/26/2019	9	647	580	389
05/26/2019	10	647	647	416
05/26/2019	11	647	647	427
05/26/2019	12	647	647	415
05/26/2019	13	647	647	417
05/26/2019	14	647	647	433
05/26/2019	15	647	647	425
05/26/2019	16	647	647	419
05/26/2019	17	647	647	396
05/26/2019	18	647	550	379
05/26/2019	19	580	550	395
05/26/2019	20	590	580	394
05/26/2019	21	580	561	394
05/26/2019	22	626	550	389
05/26/2019	23	580	513	373
05/26/2019	24	608	580	352
05/27/2019	1	647	647	322
05/27/2019	2	647	647	313
05/27/2019	3	580	550	299
05/27/2019	4	550	520	290
05/27/2019	5	500	480	286
05/27/2019	6	500	460	280
05/27/2019	7	500	460	293
05/27/2019	8	520	460	347
05/27/2019	9	647	580	389
05/27/2019	10	647	647	416
05/27/2019	11	647	647	427
05/27/2019	12	647	647	415
05/27/2019	13	647	647	417
05/27/2019	14	647	647	433
05/27/2019	15	647	647	425
05/27/2019	16	647	647	419
05/27/2019	17	647	647	396
05/27/2019	18	647	550	379
05/27/2019	19	580	550	395
05/27/2019	20	590	580	394
05/27/2019	21	580	561	394
05/27/2019	22	626	550	389
05/27/2019	23	580	513	373
05/27/2019	24	608	580	352
05/28/2019	1	647	647	332
05/28/2019	2	647	647	323
05/28/2019	3	580	550	310
05/28/2019	4	550	520	302
05/28/2019	5	500	480	296
05/28/2019	6	500	460	288
05/28/2019	7	500	460	301
05/28/2019	8	520	460	351
05/28/2019	9	647	580	382
05/28/2019	10	647	647	409
05/28/2019	11	647	647	420
05/28/2019	12	647	647	408
05/28/2019	13	647	647	410
05/28/2019	14	647	647	426
05/28/2019	15	647	647	418
05/28/2019	16	647	647	412
05/28/2019	17	647	647	389
05/28/2019	18	647	550	372
05/28/2019	19	580	550	387
05/28/2019	20	590	580	387
05/28/2019	21	580	561	386

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/28/2019	22	626	550	382
05/28/2019	23	580	513	366
05/28/2019	24	608	580	345
05/29/2019	1	647	647	343
05/29/2019	2	647	647	331
05/29/2019	3	580	550	321
05/29/2019	4	553	470	314
05/29/2019	5	500	460	309
05/29/2019	6	472	460	304
05/29/2019	7	580	500	315
05/29/2019	8	647	647	355
05/29/2019	9	647	647	388
05/29/2019	10	647	647	408
05/29/2019	11	647	647	423
05/29/2019	12	647	647	419
05/29/2019	13	647	647	419
05/29/2019	14	647	647	430
05/29/2019	15	647	647	425
05/29/2019	16	647	647	416
05/29/2019	17	580	550	399
05/29/2019	18	550	513	383
05/29/2019	19	580	460	392
05/29/2019	20	541	460	387
05/29/2019	21	520	460	385
05/29/2019	22	580	460	376
05/29/2019	23	580	523	364
05/29/2019	24	500	480	349
05/30/2019	1	647	580	322
05/30/2019	2	647	548	311
05/30/2019	3	603	520	304
05/30/2019	4	520	460	295
05/30/2019	5	500	460	293
05/30/2019	6	472	460	290
05/30/2019	7	580	480	300
05/30/2019	8	647	550	338
05/30/2019	9	647	647	377
05/30/2019	10	647	647	400
05/30/2019	11	647	647	412
05/30/2019	12	647	647	406
05/30/2019	13	647	647	411
05/30/2019	14	647	647	423
05/30/2019	15	647	647	417
05/30/2019	16	647	647	413
05/30/2019	17	584	555	389
05/30/2019	18	530	463	372
05/30/2019	19	580	521	385
05/30/2019	20	561	480	385
05/30/2019	21	580	538	382
05/30/2019	22	580	479	376
05/30/2019	23	580	565	362
05/30/2019	24	500	480	345
05/31/2019	1	647	647	333
05/31/2019	2	647	647	322
05/31/2019	3	647	647	310
05/31/2019	4	647	569	300
05/31/2019	5	647	515	296
05/31/2019	6	574	460	289
05/31/2019	7	647	647	310
05/31/2019	8	647	647	359
05/31/2019	9	647	647	396
05/31/2019	10	647	647	415
05/31/2019	11	647	647	427
05/31/2019	12	647	647	419
05/31/2019	13	647	647	415
05/31/2019	14	647	647	425

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/31/2019	15	647	647	420
05/31/2019	16	647	647	414
05/31/2019	17	647	647	393
05/31/2019	18	580	550	377
05/31/2019	19	647	548	391
05/31/2019	20	647	533	389
05/31/2019	21	594	520	391
05/31/2019	22	647	597	382
05/31/2019	23	647	579	371
05/31/2019	24	550	488	344
06/01/2019	1	647	647	329
06/01/2019	2	647	647	312
06/01/2019	3	647	647	301
06/01/2019	4	647	647	291
06/01/2019	5	647	599	286
06/01/2019	6	600	550	276
06/01/2019	7	647	647	293
06/01/2019	8	647	647	333
06/01/2019	9	647	647	356
06/01/2019	10	647	647	377
06/01/2019	11	647	647	392
06/01/2019	12	647	647	387
06/01/2019	13	647	647	387
06/01/2019	14	647	647	397
06/01/2019	15	647	647	391
06/01/2019	16	647	647	381
06/01/2019	17	647	647	363
06/01/2019	18	647	647	356
06/01/2019	19	647	647	373
06/01/2019	20	647	647	375
06/01/2019	21	647	647	376
06/01/2019	22	647	647	372
06/01/2019	23	647	647	353
06/01/2019	24	647	637	333
06/02/2019	1	647	647	327
06/02/2019	2	647	647	314
06/02/2019	3	647	647	302
06/02/2019	4	647	569	288
06/02/2019	5	647	515	285
06/02/2019	6	574	450	279
06/02/2019	7	470	420	279
06/02/2019	8	481	420	297
06/02/2019	9	500	441	311
06/02/2019	10	647	647	332
06/02/2019	11	647	647	343
06/02/2019	12	647	647	342
06/02/2019	13	647	647	344
06/02/2019	14	647	647	350
06/02/2019	15	647	647	349
06/02/2019	16	647	647	338
06/02/2019	17	647	647	329
06/02/2019	18	647	647	329
06/02/2019	19	647	647	350
06/02/2019	20	647	647	352
06/02/2019	21	647	647	350
06/02/2019	22	647	647	348
06/02/2019	23	647	647	343
06/02/2019	24	647	647	324
06/03/2019	1	647	647	320
06/03/2019	2	647	647	312
06/03/2019	3	647	647	298
06/03/2019	4	647	569	289
06/03/2019	5	647	515	285
06/03/2019	6	574	450	280
06/03/2019	7	470	420	292

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/03/2019	8	481	460	347
06/03/2019	9	500	460	385
06/03/2019	10	647	647	412
06/03/2019	11	647	647	423
06/03/2019	12	647	612	411
06/03/2019	13	647	647	413
06/03/2019	14	647	647	429
06/03/2019	15	647	647	421
06/03/2019	16	647	647	415
06/03/2019	17	647	647	392
06/03/2019	18	580	550	375
06/03/2019	19	598	580	391
06/03/2019	20	647	561	390
06/03/2019	21	647	548	390
06/03/2019	22	647	505	385
06/03/2019	23	580	550	369
06/03/2019	24	570	540	348
06/04/2019	1	647	647	356
06/04/2019	2	647	647	344
06/04/2019	3	647	647	334
06/04/2019	4	647	647	325
06/04/2019	5	647	647	326
06/04/2019	6	647	647	314
06/04/2019	7	647	647	323
06/04/2019	8	647	647	362
06/04/2019	9	647	647	401
06/04/2019	10	647	647	424
06/04/2019	11	647	647	436
06/04/2019	12	647	612	431
06/04/2019	13	647	647	432
06/04/2019	14	647	647	445
06/04/2019	15	647	647	437
06/04/2019	16	647	647	427
06/04/2019	17	647	647	406
06/04/2019	18	580	550	393
06/04/2019	19	598	580	399
06/04/2019	20	647	561	400
06/04/2019	21	647	548	397
06/04/2019	22	647	607	385
06/04/2019	23	614	534	368
06/04/2019	24	647	617	352
06/05/2019	1	647	647	336
06/05/2019	2	647	647	326
06/05/2019	3	647	647	314
06/05/2019	4	647	647	307
06/05/2019	5	647	647	301
06/05/2019	6	647	647	292
06/05/2019	7	647	647	293
06/05/2019	8	647	647	313
06/05/2019	9	647	647	353
06/05/2019	10	647	647	387
06/05/2019	11	647	647	403
06/05/2019	12	647	647	397
06/05/2019	13	647	647	398
06/05/2019	14	647	647	408
06/05/2019	15	647	647	406
06/05/2019	16	647	647	398
06/05/2019	17	647	647	387
06/05/2019	18	647	647	384
06/05/2019	19	647	647	408
06/05/2019	20	647	647	408
06/05/2019	21	647	647	408
06/05/2019	22	647	647	396
06/05/2019	23	647	647	374
06/05/2019	24	647	647	352

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/06/2019	1	600	560	322
06/06/2019	2	570	520	314
06/06/2019	3	550	500	300
06/06/2019	4	520	480	291
06/06/2019	5	500	460	287
06/06/2019	6	500	460	282
06/06/2019	7	520	480	294
06/06/2019	8	647	627	353
06/06/2019	9	647	647	394
06/06/2019	10	647	647	420
06/06/2019	11	647	647	432
06/06/2019	12	647	612	428
06/06/2019	13	647	647	429
06/06/2019	14	647	647	441
06/06/2019	15	647	647	434
06/06/2019	16	647	647	424
06/06/2019	17	647	647	403
06/06/2019	18	580	550	389
06/06/2019	19	598	550	395
06/06/2019	20	647	550	397
06/06/2019	21	647	615	394
06/06/2019	22	647	580	382
06/06/2019	23	600	570	365
06/06/2019	24	550	500	349
06/07/2019	1	647	647	335
06/07/2019	2	647	647	324
06/07/2019	3	647	647	316
06/07/2019	4	580	533	299
06/07/2019	5	587	510	296
06/07/2019	6	647	647	308
06/07/2019	7	647	647	318
06/07/2019	8	647	647	362
06/07/2019	9	647	647	396
06/07/2019	10	647	647	414
06/07/2019	11	647	647	427
06/07/2019	12	647	647	422
06/07/2019	13	647	647	424
06/07/2019	14	647	647	443
06/07/2019	15	647	647	440
06/07/2019	16	647	647	439
06/07/2019	17	647	647	410
06/07/2019	18	647	647	393
06/07/2019	19	647	647	407
06/07/2019	20	647	647	407
06/07/2019	21	647	647	405
06/07/2019	22	647	647	395
06/07/2019	23	647	647	371
06/07/2019	24	647	647	357
06/08/2019	1	647	647	327
06/08/2019	2	647	647	316
06/08/2019	3	616	572	304
06/08/2019	4	583	533	295
06/08/2019	5	587	513	289
06/08/2019	6	532	525	285
06/08/2019	7	647	647	302
06/08/2019	8	647	647	327
06/08/2019	9	647	647	359
06/08/2019	10	647	647	381
06/08/2019	11	647	647	394
06/08/2019	12	647	647	391
06/08/2019	13	647	647	391
06/08/2019	14	647	647	401
06/08/2019	15	647	647	394
06/08/2019	16	647	647	382
06/08/2019	17	647	647	366

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/08/2019	18	647	647	359
06/08/2019	19	647	647	376
06/08/2019	20	647	647	379
06/08/2019	21	647	647	377
06/08/2019	22	647	647	373
06/08/2019	23	647	647	355
06/08/2019	24	647	647	335
06/09/2019	1	647	647	331
06/09/2019	2	647	647	318
06/09/2019	3	647	637	306
06/09/2019	4	580	530	292
06/09/2019	5	560	510	289
06/09/2019	6	550	480	283
06/09/2019	7	570	490	287
06/09/2019	8	600	520	313
06/09/2019	9	647	550	331
06/09/2019	10	647	647	352
06/09/2019	11	647	647	363
06/09/2019	12	647	647	362
06/09/2019	13	647	647	364
06/09/2019	14	647	647	370
06/09/2019	15	647	647	369
06/09/2019	16	647	647	358
06/09/2019	17	647	647	349
06/09/2019	18	647	647	349
06/09/2019	19	647	647	372
06/09/2019	20	647	647	370
06/09/2019	21	647	647	367
06/09/2019	22	647	647	362
06/09/2019	23	647	647	355
06/09/2019	24	647	647	340
06/10/2019	1	647	647	320
06/10/2019	2	647	647	311
06/10/2019	3	647	637	298
06/10/2019	4	580	530	289
06/10/2019	5	560	510	285
06/10/2019	6	550	480	280
06/10/2019	7	570	490	292
06/10/2019	8	600	562	347
06/10/2019	9	647	586	388
06/10/2019	10	647	647	415
06/10/2019	11	647	647	426
06/10/2019	12	647	647	414
06/10/2019	13	647	647	416
06/10/2019	14	647	647	432
06/10/2019	15	647	647	424
06/10/2019	16	647	647	419
06/10/2019	17	647	589	396
06/10/2019	18	580	550	378
06/10/2019	19	647	598	394
06/10/2019	20	647	604	394
06/10/2019	21	591	550	393
06/10/2019	22	647	589	388
06/10/2019	23	647	568	372
06/10/2019	24	647	564	351
06/11/2019	1	647	647	342
06/11/2019	2	647	647	330
06/11/2019	3	647	647	321
06/11/2019	4	580	540	314
06/11/2019	5	580	556	312
06/11/2019	6	550	550	308
06/11/2019	7	600	600	323
06/11/2019	8	647	647	361
06/11/2019	9	647	647	394
06/11/2019	10	647	647	417

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/11/2019	11	647	647	433
06/11/2019	12	647	647	427
06/11/2019	13	647	647	421
06/11/2019	14	647	647	430
06/11/2019	15	647	647	422
06/11/2019	16	647	647	415
06/11/2019	17	647	647	398
06/11/2019	18	647	600	389
06/11/2019	19	647	614	398
06/11/2019	20	647	607	396
06/11/2019	21	600	600	393
06/11/2019	22	600	600	385
06/11/2019	23	600	600	371
06/11/2019	24	626	623	356
06/12/2019	1	647	647	329
06/12/2019	2	460	450	285
06/12/2019	3	460	420	276
06/12/2019	4	490	460	273
06/12/2019	5	525	491	278
06/12/2019	6	525	525	276
06/12/2019	7	525	513	289
06/12/2019	8	600	503	326
06/12/2019	9	600	506	359
06/12/2019	10	600	515	379
06/12/2019	11	647	647	391
06/12/2019	12	600	524	381
06/12/2019	13	600	521	381
06/12/2019	14	647	629	394
06/12/2019	15	630	618	390
06/12/2019	16	600	598	385
06/12/2019	17	611	600	374
06/12/2019	18	580	580	365
06/12/2019	19	600	575	372
06/12/2019	20	600	580	370
06/12/2019	21	600	598	361
06/12/2019	22	600	578	344
06/12/2019	23	580	523	322
06/12/2019	24	460	441	305
06/13/2019	1	647	647	342
06/13/2019	2	647	647	330
06/13/2019	3	647	647	321
06/13/2019	4	647	647	314
06/13/2019	5	647	647	312
06/13/2019	6	647	647	308
06/13/2019	7	647	602	323
06/13/2019	8	647	647	360
06/13/2019	9	647	647	394
06/13/2019	10	647	647	416
06/13/2019	11	647	647	430
06/13/2019	12	647	647	427
06/13/2019	13	647	647	421
06/13/2019	14	647	647	432
06/13/2019	15	647	647	422
06/13/2019	16	647	647	415
06/13/2019	17	630	600	397
06/13/2019	18	600	600	389
06/13/2019	19	647	647	398
06/13/2019	20	647	647	396
06/13/2019	21	646	600	393
06/13/2019	22	647	647	385
06/13/2019	23	647	647	371
06/13/2019	24	647	647	356
06/14/2019	1	647	647	349
06/14/2019	2	647	647	338
06/14/2019	3	647	647	325

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/14/2019	4	647	647	316
06/14/2019	5	647	566	313
06/14/2019	6	647	540	306
06/14/2019	7	647	627	315
06/14/2019	8	647	647	356
06/14/2019	9	647	647	393
06/14/2019	10	647	647	414
06/14/2019	11	647	647	426
06/14/2019	12	647	647	420
06/14/2019	13	647	647	419
06/14/2019	14	647	647	429
06/14/2019	15	647	647	427
06/14/2019	16	647	647	421
06/14/2019	17	647	647	400
06/14/2019	18	627	550	385
06/14/2019	19	647	460	397
06/14/2019	20	647	460	397
06/14/2019	21	647	460	397
06/14/2019	22	647	460	387
06/14/2019	23	647	460	380
06/14/2019	24	647	460	362
06/15/2019	1	647	460	329
06/15/2019	2	647	460	320
06/15/2019	3	647	460	308
06/15/2019	4	647	460	299
06/15/2019	5	556	460	292
06/15/2019	6	557	460	281
06/15/2019	7	647	460	297
06/15/2019	8	647	460	329
06/15/2019	9	647	460	359
06/15/2019	10	647	460	380
06/15/2019	11	647	460	393
06/15/2019	12	647	460	389
06/15/2019	13	647	460	390
06/15/2019	14	647	460	401
06/15/2019	15	647	460	396
06/15/2019	16	600	460	385
06/15/2019	17	575	460	366
06/15/2019	18	550	460	360
06/15/2019	19	647	460	376
06/15/2019	20	647	460	380
06/15/2019	21	647	460	380
06/15/2019	22	625	460	377
06/15/2019	23	639	460	358
06/15/2019	24	647	460	339
06/16/2019	1	647	460	330
06/16/2019	2	647	460	318
06/16/2019	3	647	460	306
06/16/2019	4	647	460	292
06/16/2019	5	647	460	289
06/16/2019	6	647	460	283
06/16/2019	7	647	460	287
06/16/2019	8	647	460	312
06/16/2019	9	647	460	329
06/16/2019	10	647	460	350
06/16/2019	11	647	460	361
06/16/2019	12	647	460	360
06/16/2019	13	647	460	362
06/16/2019	14	647	460	369
06/16/2019	15	647	460	368
06/16/2019	16	647	460	357
06/16/2019	17	647	460	348
06/16/2019	18	647	460	348
06/16/2019	19	647	460	370
06/16/2019	20	647	460	368

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/16/2019	21	647	460	366
06/16/2019	22	647	460	360
06/16/2019	23	647	460	354
06/16/2019	24	647	460	339
06/17/2019	1	647	460	321
06/17/2019	2	647	460	311
06/17/2019	3	647	460	298
06/17/2019	4	647	460	289
06/17/2019	5	647	460	285
06/17/2019	6	647	460	280
06/17/2019	7	647	460	293
06/17/2019	8	647	460	347
06/17/2019	9	647	460	389
06/17/2019	10	647	460	416
06/17/2019	11	647	460	428
06/17/2019	12	647	460	415
06/17/2019	13	647	550	417
06/17/2019	14	647	647	434
06/17/2019	15	647	647	425
06/17/2019	16	647	647	420
06/17/2019	17	647	586	397
06/17/2019	18	605	550	380
06/17/2019	19	647	580	395
06/17/2019	20	647	580	395
06/17/2019	21	647	567	394
06/17/2019	22	584	550	389
06/17/2019	23	647	564	373
06/17/2019	24	564	550	352
06/18/2019	1	647	647	343
06/18/2019	2	647	647	331
06/18/2019	3	647	647	321
06/18/2019	4	647	612	313
06/18/2019	5	647	599	313
06/18/2019	6	647	613	306
06/18/2019	7	647	647	319
06/18/2019	8	647	647	359
06/18/2019	9	647	647	395
06/18/2019	10	647	647	414
06/18/2019	11	647	647	425
06/18/2019	12	647	647	421
06/18/2019	13	647	647	422
06/18/2019	14	647	647	439
06/18/2019	15	647	647	435
06/18/2019	16	647	647	427
06/18/2019	17	647	647	406
06/18/2019	18	647	647	387
06/18/2019	19	647	647	400
06/18/2019	20	647	647	398
06/18/2019	21	647	647	395
06/18/2019	22	647	647	386
06/18/2019	23	647	647	373
06/18/2019	24	647	647	357
06/19/2019	1	647	647	336
06/19/2019	2	647	647	323
06/19/2019	3	647	647	312
06/19/2019	4	647	647	303
06/19/2019	5	647	647	296
06/19/2019	6	647	587	287
06/19/2019	7	647	587	313
06/19/2019	8	647	591	362
06/19/2019	9	647	647	396
06/19/2019	10	647	647	417
06/19/2019	11	647	647	433
06/19/2019	12	647	647	427
06/19/2019	13	647	647	428

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/19/2019	14	647	647	441
06/19/2019	15	647	647	437
06/19/2019	16	647	647	429
06/19/2019	17	647	647	407
06/19/2019	18	647	647	394
06/19/2019	19	647	647	397
06/19/2019	20	647	647	393
06/19/2019	21	647	647	393
06/19/2019	22	647	647	387
06/19/2019	23	647	647	369
06/19/2019	24	647	647	349
06/20/2019	1	647	647	359
06/20/2019	2	647	647	347
06/20/2019	3	647	647	336
06/20/2019	4	647	647	327
06/20/2019	5	647	647	323
06/20/2019	6	647	647	316
06/20/2019	7	647	647	330
06/20/2019	8	647	647	368
06/20/2019	9	647	647	418
06/20/2019	10	647	647	439
06/20/2019	11	647	647	451
06/20/2019	12	647	647	443
06/20/2019	13	647	647	442
06/20/2019	14	647	647	454
06/20/2019	15	647	647	450
06/20/2019	16	647	647	445
06/20/2019	17	647	647	423
06/20/2019	18	647	647	406
06/20/2019	19	647	647	421
06/20/2019	20	647	647	421
06/20/2019	21	647	647	420
06/20/2019	22	647	647	411
06/20/2019	23	647	647	396
06/20/2019	24	647	647	371
06/21/2019	1	647	580	312
06/21/2019	2	647	562	301
06/21/2019	3	647	551	291
06/21/2019	4	615	542	285
06/21/2019	5	600	541	280
06/21/2019	6	600	561	271
06/21/2019	7	594	581	290
06/21/2019	8	600	560	318
06/21/2019	9	647	647	350
06/21/2019	10	647	647	377
06/21/2019	11	647	647	390
06/21/2019	12	647	647	383
06/21/2019	13	647	647	382
06/21/2019	14	647	647	392
06/21/2019	15	647	647	386
06/21/2019	16	647	647	375
06/21/2019	17	647	647	359
06/21/2019	18	647	647	368
06/21/2019	19	647	647	375
06/21/2019	20	647	647	375
06/21/2019	21	647	623	371
06/21/2019	22	630	531	359
06/21/2019	23	630	625	342
06/21/2019	24	600	543	327
06/22/2019	1	647	580	312
06/22/2019	2	647	562	301
06/22/2019	3	647	551	291
06/22/2019	4	615	542	285
06/22/2019	5	600	541	280
06/22/2019	6	600	561	271

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/22/2019	7	594	581	290
06/22/2019	8	600	560	318
06/22/2019	9	647	647	350
06/22/2019	10	647	647	377
06/22/2019	11	647	647	390
06/22/2019	12	647	647	383
06/22/2019	13	647	647	382
06/22/2019	14	647	647	392
06/22/2019	15	647	647	386
06/22/2019	16	647	647	375
06/22/2019	17	647	647	359
06/22/2019	18	647	647	368
06/22/2019	19	647	647	375
06/22/2019	20	647	647	375
06/22/2019	21	647	623	371
06/22/2019	22	630	531	359
06/22/2019	23	630	625	342
06/22/2019	24	600	543	327
06/23/2019	1	647	580	303
06/23/2019	2	647	562	292
06/23/2019	3	647	551	283
06/23/2019	4	615	528	278
06/23/2019	5	647	541	285
06/23/2019	6	647	561	286
06/23/2019	7	600	500	276
06/23/2019	8	600	500	293
06/23/2019	9	600	500	316
06/23/2019	10	600	503	335
06/23/2019	11	647	608	345
06/23/2019	12	647	599	342
06/23/2019	13	647	600	341
06/23/2019	14	647	600	344
06/23/2019	15	600	550	341
06/23/2019	16	647	615	337
06/23/2019	17	647	647	333
06/23/2019	18	647	601	336
06/23/2019	19	647	647	364
06/23/2019	20	647	647	367
06/23/2019	21	647	647	362
06/23/2019	22	647	647	351
06/23/2019	23	647	647	336
06/23/2019	24	600	543	318
06/24/2019	1	647	647	325
06/24/2019	2	647	580	315
06/24/2019	3	647	550	302
06/24/2019	4	600	520	293
06/24/2019	5	580	500	289
06/24/2019	6	576	540	284
06/24/2019	7	647	611	297
06/24/2019	8	647	647	351
06/24/2019	9	647	647	391
06/24/2019	10	647	647	418
06/24/2019	11	647	647	429
06/24/2019	12	647	647	417
06/24/2019	13	647	647	418
06/24/2019	14	647	647	435
06/24/2019	15	647	647	427
06/24/2019	16	647	647	421
06/24/2019	17	647	647	398
06/24/2019	18	647	550	381
06/24/2019	19	647	647	396
06/24/2019	20	647	647	396
06/24/2019	21	647	647	395
06/24/2019	22	647	647	391
06/24/2019	23	647	647	374

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/24/2019	24	580	550	354
06/25/2019	1	647	647	345
06/25/2019	2	647	647	335
06/25/2019	3	647	647	324
06/25/2019	4	647	647	316
06/25/2019	5	647	647	317
06/25/2019	6	647	647	306
06/25/2019	7	647	647	315
06/25/2019	8	647	647	359
06/25/2019	9	647	647	395
06/25/2019	10	647	647	415
06/25/2019	11	647	647	426
06/25/2019	12	647	599	421
06/25/2019	13	647	647	423
06/25/2019	14	647	647	438
06/25/2019	15	647	647	434
06/25/2019	16	647	647	428
06/25/2019	17	647	614	408
06/25/2019	18	550	500	391
06/25/2019	19	647	541	401
06/25/2019	20	647	647	403
06/25/2019	21	647	578	405
06/25/2019	22	580	550	393
06/25/2019	23	647	617	376
06/25/2019	24	580	549	364
06/26/2019	1	647	647	340
06/26/2019	2	647	647	329
06/26/2019	3	647	647	317
06/26/2019	4	647	647	309
06/26/2019	5	647	647	307
06/26/2019	6	647	647	301
06/26/2019	7	647	610	299
06/26/2019	8	647	647	352
06/26/2019	9	647	647	384
06/26/2019	10	647	647	404
06/26/2019	11	647	647	413
06/26/2019	12	647	599	407
06/26/2019	13	647	647	410
06/26/2019	14	647	647	423
06/26/2019	15	647	647	418
06/26/2019	16	647	647	408
06/26/2019	17	647	647	392
06/26/2019	18	580	555	379
06/26/2019	19	603	560	388
06/26/2019	20	647	647	393
06/26/2019	21	647	584	395
06/26/2019	22	609	550	382
06/26/2019	23	600	540	369
06/26/2019	24	580	540	353
06/27/2019	1	647	647	341
06/27/2019	2	647	647	326
06/27/2019	3	647	647	314
06/27/2019	4	647	647	307
06/27/2019	5	647	647	308
06/27/2019	6	647	647	302
06/27/2019	7	647	610	311
06/27/2019	8	647	647	355
06/27/2019	9	647	647	395
06/27/2019	10	647	647	416
06/27/2019	11	647	647	429
06/27/2019	12	647	647	423
06/27/2019	13	647	647	421
06/27/2019	14	647	647	434
06/27/2019	15	647	647	427
06/27/2019	16	647	647	420

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/27/2019	17	647	647	403
06/27/2019	18	647	609	387
06/27/2019	19	647	647	399
06/27/2019	20	647	647	399
06/27/2019	21	647	647	399
06/27/2019	22	647	647	389
06/27/2019	23	647	647	375
06/27/2019	24	647	614	359
06/28/2019	1	647	647	330
06/28/2019	2	647	647	322
06/28/2019	3	600	580	309
06/28/2019	4	590	570	302
06/28/2019	5	580	560	303
06/28/2019	6	570	520	297
06/28/2019	7	590	530	300
06/28/2019	8	647	618	345
06/28/2019	9	647	647	380
06/28/2019	10	647	647	399
06/28/2019	11	647	647	407
06/28/2019	12	647	647	400
06/28/2019	13	647	647	405
06/28/2019	14	647	647	416
06/28/2019	15	647	647	412
06/28/2019	16	647	647	404
06/28/2019	17	647	647	384
06/28/2019	18	626	580	369
06/28/2019	19	647	603	378
06/28/2019	20	647	604	379
06/28/2019	21	647	647	379
06/28/2019	22	647	647	368
06/28/2019	23	647	647	354
06/28/2019	24	647	647	340
06/29/2019	1	614	550	297
06/29/2019	2	635	550	287
06/29/2019	3	605	530	279
06/29/2019	4	600	522	271
06/29/2019	5	580	489	267
06/29/2019	6	520	480	260
06/29/2019	7	553	510	275
06/29/2019	8	550	538	304
06/29/2019	9	604	550	332
06/29/2019	10	617	554	353
06/29/2019	11	647	550	363
06/29/2019	12	600	550	355
06/29/2019	13	600	550	354
06/29/2019	14	647	550	364
06/29/2019	15	600	550	358
06/29/2019	16	600	550	349
06/29/2019	17	600	550	334
06/29/2019	18	600	513	331
06/29/2019	19	618	567	344
06/29/2019	20	608	603	347
06/29/2019	21	630	579	345
06/29/2019	22	614	580	337
06/29/2019	23	596	555	319
06/29/2019	24	580	550	300
06/30/2019	1	647	647	314
06/30/2019	2	647	647	302
06/30/2019	3	647	530	290
06/30/2019	4	574	520	276
06/30/2019	5	534	490	273
06/30/2019	6	520	480	267
06/30/2019	7	520	500	271
06/30/2019	8	560	520	296
06/30/2019	9	580	500	309

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/30/2019	10	580	500	318
06/30/2019	11	590	500	329
06/30/2019	12	580	486	328
06/30/2019	13	580	502	330
06/30/2019	14	647	573	336
06/30/2019	15	647	572	335
06/30/2019	16	647	570	324
06/30/2019	17	621	580	315
06/30/2019	18	580	550	315
06/30/2019	19	647	647	338
06/30/2019	20	647	647	336
06/30/2019	21	647	647	333
06/30/2019	22	647	647	328
06/30/2019	23	647	647	321
06/30/2019	24	580	550	306
07/01/2019	1	647	647	314
07/01/2019	2	647	647	306
07/01/2019	3	647	590	293
07/01/2019	4	647	587	286
07/01/2019	5	647	590	287
07/01/2019	6	647	560	281
07/01/2019	7	647	550	284
07/01/2019	8	647	647	337
07/01/2019	9	647	647	380
07/01/2019	10	647	647	399
07/01/2019	11	647	647	407
07/01/2019	12	647	647	400
07/01/2019	13	647	647	405
07/01/2019	14	647	647	416
07/01/2019	15	647	647	412
07/01/2019	16	647	647	404
07/01/2019	17	647	647	384
07/01/2019	18	624	550	369
07/01/2019	19	647	591	378
07/01/2019	20	647	647	379
07/01/2019	21	647	647	379
07/01/2019	22	647	647	368
07/01/2019	23	647	647	354
07/01/2019	24	647	635	340
07/02/2019	1	647	647	312
07/02/2019	2	647	647	302
07/02/2019	3	647	598	292
07/02/2019	4	608	550	286
07/02/2019	5	624	550	287
07/02/2019	6	647	594	283
07/02/2019	7	647	647	293
07/02/2019	8	647	647	327
07/02/2019	9	647	619	371
07/02/2019	10	616	550	380
07/02/2019	11	584	550	388
07/02/2019	12	550	500	383
07/02/2019	13	647	500	383
07/02/2019	14	647	647	395
07/02/2019	15	647	647	391
07/02/2019	16	608	580	383
07/02/2019	17	580	540	367
07/02/2019	18	550	500	355
07/02/2019	19	580	500	364
07/02/2019	20	595	500	366
07/02/2019	21	570	500	363
07/02/2019	22	580	500	352
07/02/2019	23	580	500	338
07/02/2019	24	551	500	322
07/03/2019	1	647	647	312
07/03/2019	2	647	647	302

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/03/2019	3	647	598	292
07/03/2019	4	608	550	286
07/03/2019	5	624	550	287
07/03/2019	6	647	594	283
07/03/2019	7	647	647	293
07/03/2019	8	647	647	327
07/03/2019	9	647	619	371
07/03/2019	10	616	550	380
07/03/2019	11	584	550	388
07/03/2019	12	550	500	383
07/03/2019	13	647	500	383
07/03/2019	14	647	647	395
07/03/2019	15	647	647	391
07/03/2019	16	608	580	383
07/03/2019	17	580	540	367
07/03/2019	18	550	500	355
07/03/2019	19	580	500	364
07/03/2019	20	595	500	366
07/03/2019	21	570	500	363
07/03/2019	22	580	500	352
07/03/2019	23	580	500	338
07/03/2019	24	551	500	322
07/04/2019	1	647	647	339
07/04/2019	2	647	647	328
07/04/2019	3	647	647	316
07/04/2019	4	647	647	308
07/04/2019	5	647	647	309
07/04/2019	6	647	647	298
07/04/2019	7	647	647	309
07/04/2019	8	647	647	347
07/04/2019	9	647	647	381
07/04/2019	10	647	647	401
07/04/2019	11	647	647	410
07/04/2019	12	647	647	406
07/04/2019	13	647	647	409
07/04/2019	14	647	647	420
07/04/2019	15	647	647	416
07/04/2019	16	647	647	413
07/04/2019	17	647	647	393
07/04/2019	18	647	597	376
07/04/2019	19	647	580	387
07/04/2019	20	647	613	389
07/04/2019	21	647	647	391
07/04/2019	22	647	647	381
07/04/2019	23	647	647	368
07/04/2019	24	647	597	353
07/05/2019	1	647	553	334
07/05/2019	2	647	534	324
07/05/2019	3	642	500	311
07/05/2019	4	636	480	303
07/05/2019	5	647	517	305
07/05/2019	6	580	520	298
07/05/2019	7	647	647	307
07/05/2019	8	647	647	348
07/05/2019	9	647	647	383
07/05/2019	10	647	647	403
07/05/2019	11	647	647	411
07/05/2019	12	647	647	405
07/05/2019	13	647	647	408
07/05/2019	14	647	647	421
07/05/2019	15	647	647	417
07/05/2019	16	647	647	409
07/05/2019	17	647	647	390
07/05/2019	18	647	546	375
07/05/2019	19	647	580	383

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/05/2019	20	647	613	385
07/05/2019	21	647	647	385
07/05/2019	22	636	550	374
07/05/2019	23	647	568	359
07/05/2019	24	588	500	345
07/06/2019	1	647	647	340
07/06/2019	2	647	647	330
07/06/2019	3	642	610	318
07/06/2019	4	614	586	309
07/06/2019	5	578	571	304
07/06/2019	6	550	526	292
07/06/2019	7	630	528	298
07/06/2019	8	647	647	322
07/06/2019	9	647	647	351
07/06/2019	10	647	647	372
07/06/2019	11	647	647	386
07/06/2019	12	647	647	383
07/06/2019	13	647	647	384
07/06/2019	14	647	647	397
07/06/2019	15	647	647	392
07/06/2019	16	647	647	378
07/06/2019	17	647	647	359
07/06/2019	18	647	647	351
07/06/2019	19	647	647	366
07/06/2019	20	647	647	369
07/06/2019	21	647	647	369
07/06/2019	22	647	647	365
07/06/2019	23	647	647	352
07/06/2019	24	647	647	339
07/07/2019	1	647	647	318
07/07/2019	2	647	647	306
07/07/2019	3	647	647	294
07/07/2019	4	647	647	284
07/07/2019	5	647	647	281
07/07/2019	6	647	647	275
07/07/2019	7	647	647	279
07/07/2019	8	647	647	300
07/07/2019	9	647	647	317
07/07/2019	10	647	647	334
07/07/2019	11	647	647	345
07/07/2019	12	647	647	344
07/07/2019	13	647	647	346
07/07/2019	14	647	647	352
07/07/2019	15	647	647	351
07/07/2019	16	647	647	340
07/07/2019	17	647	647	332
07/07/2019	18	647	647	331
07/07/2019	19	647	647	354
07/07/2019	20	647	647	352
07/07/2019	21	647	647	350
07/07/2019	22	647	647	344
07/07/2019	23	647	647	337
07/07/2019	24	647	628	323
07/08/2019	1	647	647	314
07/08/2019	2	647	647	306
07/08/2019	3	647	647	293
07/08/2019	4	647	580	286
07/08/2019	5	647	647	287
07/08/2019	6	647	647	281
07/08/2019	7	647	647	284
07/08/2019	8	647	647	337
07/08/2019	9	647	647	379
07/08/2019	10	647	647	398
07/08/2019	11	647	647	407
07/08/2019	12	647	647	400

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/08/2019	13	647	647	403
07/08/2019	14	647	647	417
07/08/2019	15	647	647	412
07/08/2019	16	647	647	405
07/08/2019	17	647	647	386
07/08/2019	18	647	647	370
07/08/2019	19	647	647	379
07/08/2019	20	647	647	380
07/08/2019	21	647	647	380
07/08/2019	22	647	647	370
07/08/2019	23	647	647	355
07/08/2019	24	647	628	340
07/09/2019	1	647	647	337
07/09/2019	2	647	647	328
07/09/2019	3	647	647	319
07/09/2019	4	647	647	311
07/09/2019	5	647	647	312
07/09/2019	6	647	647	301
07/09/2019	7	647	647	311
07/09/2019	8	647	647	352
07/09/2019	9	647	647	384
07/09/2019	10	647	647	404
07/09/2019	11	647	647	416
07/09/2019	12	647	647	412
07/09/2019	13	647	647	415
07/09/2019	14	647	647	429
07/09/2019	15	647	647	425
07/09/2019	16	647	647	420
07/09/2019	17	647	647	397
07/09/2019	18	647	647	382
07/09/2019	19	647	647	393
07/09/2019	20	647	647	394
07/09/2019	21	647	647	394
07/09/2019	22	647	647	384
07/09/2019	23	647	647	368
07/09/2019	24	647	647	355
07/10/2019	1	647	601	333
07/10/2019	2	647	560	322
07/10/2019	3	647	525	312
07/10/2019	4	647	523	308
07/10/2019	5	647	608	312
07/10/2019	6	647	632	311
07/10/2019	7	647	647	330
07/10/2019	8	647	647	365
07/10/2019	9	647	647	401
07/10/2019	10	647	647	425
07/10/2019	11	647	647	437
07/10/2019	12	647	647	432
07/10/2019	13	647	647	431
07/10/2019	14	647	647	444
07/10/2019	15	647	647	438
07/10/2019	16	647	647	428
07/10/2019	17	647	647	411
07/10/2019	18	647	647	394
07/10/2019	19	647	647	388
07/10/2019	20	647	647	407
07/10/2019	21	647	647	401
07/10/2019	22	647	647	388
07/10/2019	23	647	647	371
07/10/2019	24	647	582	354
07/11/2019	1	647	647	333
07/11/2019	2	647	588	318
07/11/2019	3	647	507	306
07/11/2019	4	647	500	299
07/11/2019	5	647	580	306

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/11/2019	6	647	647	305
07/11/2019	7	647	647	319
07/11/2019	8	647	647	354
07/11/2019	9	647	647	390
07/11/2019	10	647	647	411
07/11/2019	11	647	647	423
07/11/2019	12	647	647	418
07/11/2019	13	647	647	417
07/11/2019	14	647	647	432
07/11/2019	15	647	647	428
07/11/2019	16	647	647	423
07/11/2019	17	647	647	401
07/11/2019	18	647	564	383
07/11/2019	19	647	647	397
07/11/2019	20	647	647	399
07/11/2019	21	647	647	398
07/11/2019	22	647	647	387
07/11/2019	23	647	647	373
07/11/2019	24	647	596	360
07/12/2019	1	647	647	334
07/12/2019	2	647	633	324
07/12/2019	3	647	592	313
07/12/2019	4	647	568	306
07/12/2019	5	647	570	306
07/12/2019	6	595	550	303
07/12/2019	7	647	570	311
07/12/2019	8	647	580	352
07/12/2019	9	647	647	405
07/12/2019	10	647	647	426
07/12/2019	11	647	647	437
07/12/2019	12	647	647	428
07/12/2019	13	647	647	428
07/12/2019	14	647	647	440
07/12/2019	15	647	647	435
07/12/2019	16	647	647	432
07/12/2019	17	647	647	411
07/12/2019	18	647	563	392
07/12/2019	19	647	647	406
07/12/2019	20	647	647	406
07/12/2019	21	647	647	406
07/12/2019	22	647	647	396
07/12/2019	23	647	647	380
07/12/2019	24	647	647	363
07/13/2019	1	647	647	339
07/13/2019	2	647	647	326
07/13/2019	3	647	647	315
07/13/2019	4	647	647	303
07/13/2019	5	647	647	300
07/13/2019	6	600	573	294
07/13/2019	7	575	550	287
07/13/2019	8	575	550	325
07/13/2019	9	600	600	358
07/13/2019	10	647	647	377
07/13/2019	11	647	647	389
07/13/2019	12	647	647	384
07/13/2019	13	647	647	382
07/13/2019	14	647	647	395
07/13/2019	15	647	647	388
07/13/2019	16	647	647	377
07/13/2019	17	647	647	361
07/13/2019	18	647	647	352
07/13/2019	19	647	647	369
07/13/2019	20	647	647	373
07/13/2019	21	647	647	374
07/13/2019	22	647	647	371

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/13/2019	23	647	647	357
07/13/2019	24	647	647	339
07/14/2019	1	647	647	320
07/14/2019	2	647	647	308
07/14/2019	3	647	647	296
07/14/2019	4	621	550	286
07/14/2019	5	592	550	283
07/14/2019	6	580	520	277
07/14/2019	7	590	550	281
07/14/2019	8	647	560	302
07/14/2019	9	647	580	323
07/14/2019	10	647	647	340
07/14/2019	11	647	647	351
07/14/2019	12	647	647	350
07/14/2019	13	647	647	352
07/14/2019	14	647	647	358
07/14/2019	15	647	647	357
07/14/2019	16	647	647	346
07/14/2019	17	647	613	338
07/14/2019	18	647	647	337
07/14/2019	19	647	647	360
07/14/2019	20	647	647	358
07/14/2019	21	647	647	356
07/14/2019	22	647	647	350
07/14/2019	23	647	647	343
07/14/2019	24	647	508	329
07/15/2019	1	600	559	316
07/15/2019	2	580	540	308
07/15/2019	3	570	500	295
07/15/2019	4	550	500	288
07/15/2019	5	580	520	289
07/15/2019	6	550	500	283
07/15/2019	7	580	520	286
07/15/2019	8	647	598	339
07/15/2019	9	647	596	382
07/15/2019	10	647	647	403
07/15/2019	11	647	647	414
07/15/2019	12	647	647	408
07/15/2019	13	647	647	410
07/15/2019	14	647	647	427
07/15/2019	15	647	647	425
07/15/2019	16	647	647	417
07/15/2019	17	647	613	396
07/15/2019	18	621	580	377
07/15/2019	19	647	647	390
07/15/2019	20	647	647	389
07/15/2019	21	647	647	387
07/15/2019	22	647	647	380
07/15/2019	23	647	647	374
07/15/2019	24	647	619	360
07/16/2019	1	602	550	309
07/16/2019	2	580	523	298
07/16/2019	3	570	500	289
07/16/2019	4	550	500	284
07/16/2019	5	580	530	285
07/16/2019	6	560	520	283
07/16/2019	7	501	460	266
07/16/2019	8	580	500	329
07/16/2019	9	647	647	369
07/16/2019	10	647	647	388
07/16/2019	11	647	647	400
07/16/2019	12	647	574	391
07/16/2019	13	647	647	399
07/16/2019	14	647	647	410
07/16/2019	15	647	556	395

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/16/2019	16	647	575	392
07/16/2019	17	580	550	375
07/16/2019	18	550	491	357
07/16/2019	19	550	500	370
07/16/2019	20	580	550	372
07/16/2019	21	600	561	371
07/16/2019	22	580	520	359
07/16/2019	23	550	500	344
07/16/2019	24	530	480	326
07/17/2019	1	647	634	307
07/17/2019	2	647	571	296
07/17/2019	3	647	552	287
07/17/2019	4	647	545	282
07/17/2019	5	647	605	283
07/17/2019	6	647	647	286
07/17/2019	7	647	571	287
07/17/2019	8	647	647	336
07/17/2019	9	647	647	370
07/17/2019	10	647	647	392
07/17/2019	11	647	647	404
07/17/2019	12	647	647	396
07/17/2019	13	647	647	395
07/17/2019	14	647	647	408
07/17/2019	15	647	647	403
07/17/2019	16	647	647	399
07/17/2019	17	647	647	382
07/17/2019	18	550	465	363
07/17/2019	19	614	507	369
07/17/2019	20	647	647	378
07/17/2019	21	647	647	375
07/17/2019	22	647	617	364
07/17/2019	23	580	534	348
07/17/2019	24	550	480	330
07/18/2019	1	647	647	318
07/18/2019	2	647	647	301
07/18/2019	3	647	647	290
07/18/2019	4	647	647	284
07/18/2019	5	647	647	286
07/18/2019	6	647	647	283
07/18/2019	7	634	600	291
07/18/2019	8	647	647	333
07/18/2019	9	647	647	371
07/18/2019	10	647	647	390
07/18/2019	11	647	647	403
07/18/2019	12	647	647	398
07/18/2019	13	647	647	400
07/18/2019	14	647	647	415
07/18/2019	15	647	647	411
07/18/2019	16	647	647	405
07/18/2019	17	647	647	382
07/18/2019	18	647	615	365
07/18/2019	19	647	647	378
07/18/2019	20	647	647	382
07/18/2019	21	647	647	380
07/18/2019	22	647	647	370
07/18/2019	23	647	647	354
07/18/2019	24	647	647	335
07/19/2019	1	647	647	298
07/19/2019	2	647	647	288
07/19/2019	3	647	636	279
07/19/2019	4	647	573	276
07/19/2019	5	647	647	279
07/19/2019	6	647	647	279
07/19/2019	7	647	647	286
07/19/2019	8	647	647	326

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/19/2019	9	647	647	362
07/19/2019	10	647	647	383
07/19/2019	11	647	647	389
07/19/2019	12	647	647	382
07/19/2019	13	647	647	381
07/19/2019	14	647	600	390
07/19/2019	15	647	550	384
07/19/2019	16	647	600	380
07/19/2019	17	647	550	368
07/19/2019	18	647	460	355
07/19/2019	19	647	460	367
07/19/2019	20	647	460	366
07/19/2019	21	647	460	363
07/19/2019	22	647	460	349
07/19/2019	23	647	420	332
07/19/2019	24	647	420	317
07/20/2019	1	647	460	315
07/20/2019	2	647	460	309
07/20/2019	3	647	460	298
07/20/2019	4	647	460	289
07/20/2019	5	647	460	285
07/20/2019	6	647	460	277
07/20/2019	7	647	460	283
07/20/2019	8	647	460	308
07/20/2019	9	647	460	337
07/20/2019	10	647	460	356
07/20/2019	11	647	460	368
07/20/2019	12	647	460	363
07/20/2019	13	647	460	363
07/20/2019	14	647	460	375
07/20/2019	15	647	460	370
07/20/2019	16	647	460	358
07/20/2019	17	647	460	340
07/20/2019	18	647	420	332
07/20/2019	19	647	460	346
07/20/2019	20	647	460	349
07/20/2019	21	647	460	350
07/20/2019	22	647	460	346
07/20/2019	23	647	460	333
07/20/2019	24	647	460	319
07/21/2019	1	647	460	314
07/21/2019	2	647	460	302
07/21/2019	3	647	460	290
07/21/2019	4	647	460	280
07/21/2019	5	647	460	277
07/21/2019	6	647	460	275
07/21/2019	7	647	460	279
07/21/2019	8	647	460	295
07/21/2019	9	647	460	309
07/21/2019	10	647	460	322
07/21/2019	11	647	460	333
07/21/2019	12	647	460	332
07/21/2019	13	647	460	334
07/21/2019	14	647	460	340
07/21/2019	15	647	460	339
07/21/2019	16	647	460	328
07/21/2019	17	647	460	319
07/21/2019	18	647	460	319
07/21/2019	19	647	460	342
07/21/2019	20	647	460	340
07/21/2019	21	647	460	337
07/21/2019	22	647	460	332
07/21/2019	23	647	460	325
07/21/2019	24	647	460	314
07/22/2019	1	600	580	312

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/22/2019	2	583	560	301
07/22/2019	3	560	540	292
07/22/2019	4	541	501	287
07/22/2019	5	551	502	295
07/22/2019	6	580	541	291
07/22/2019	7	590	560	299
07/22/2019	8	621	600	343
07/22/2019	9	647	647	375
07/22/2019	10	647	647	398
07/22/2019	11	647	647	410
07/22/2019	12	624	550	403
07/22/2019	13	580	550	402
07/22/2019	14	647	647	415
07/22/2019	15	647	647	411
07/22/2019	16	647	647	406
07/22/2019	17	574	550	388
07/22/2019	18	550	500	369
07/22/2019	19	550	460	366
07/22/2019	20	647	539	384
07/22/2019	21	647	610	381
07/22/2019	22	647	577	370
07/22/2019	23	588	520	355
07/22/2019	24	550	480	337
07/23/2019	1	647	613	316
07/23/2019	2	630	609	305
07/23/2019	3	610	600	295
07/23/2019	4	575	569	289
07/23/2019	5	600	600	291
07/23/2019	6	600	596	289
07/23/2019	7	621	620	299
07/23/2019	8	647	636	336
07/23/2019	9	647	647	375
07/23/2019	10	647	647	395
07/23/2019	11	647	647	400
07/23/2019	12	647	647	398
07/23/2019	13	647	647	398
07/23/2019	14	647	647	410
07/23/2019	15	647	647	403
07/23/2019	16	647	647	399
07/23/2019	17	620	600	381
07/23/2019	18	600	580	363
07/23/2019	19	620	608	376
07/23/2019	20	621	620	378
07/23/2019	21	647	647	377
07/23/2019	22	647	647	365
07/23/2019	23	620	612	351
07/23/2019	24	600	550	332
07/24/2019	1	600	580	312
07/24/2019	2	583	560	301
07/24/2019	3	560	540	292
07/24/2019	4	541	501	287
07/24/2019	5	551	502	295
07/24/2019	6	580	541	291
07/24/2019	7	590	560	299
07/24/2019	8	621	600	343
07/24/2019	9	647	647	375
07/24/2019	10	647	647	398
07/24/2019	11	647	647	410
07/24/2019	12	624	550	403
07/24/2019	13	580	550	402
07/24/2019	14	647	647	415
07/24/2019	15	647	647	411
07/24/2019	16	647	647	406
07/24/2019	17	574	550	388
07/24/2019	18	550	500	369

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/24/2019	19	550	460	366
07/24/2019	20	647	539	384
07/24/2019	21	647	610	381
07/24/2019	22	647	577	370
07/24/2019	23	588	520	355
07/24/2019	24	550	480	337
07/25/2019	1	647	647	313
07/25/2019	2	647	647	303
07/25/2019	3	647	580	293
07/25/2019	4	580	550	287
07/25/2019	5	647	560	292
07/25/2019	6	647	550	290
07/25/2019	7	647	578	298
07/25/2019	8	647	647	340
07/25/2019	9	647	647	377
07/25/2019	10	647	647	397
07/25/2019	11	647	647	408
07/25/2019	12	647	569	401
07/25/2019	13	647	546	399
07/25/2019	14	647	647	410
07/25/2019	15	647	647	407
07/25/2019	16	647	647	402
07/25/2019	17	647	548	383
07/25/2019	18	580	530	370
07/25/2019	19	600	543	381
07/25/2019	20	647	562	384
07/25/2019	21	647	571	378
07/25/2019	22	647	647	374
07/25/2019	23	647	564	350
07/25/2019	24	520	460	328
07/26/2019	1	647	647	315
07/26/2019	2	647	590	305
07/26/2019	3	647	580	297
07/26/2019	4	580	538	291
07/26/2019	5	647	560	294
07/26/2019	6	647	543	294
07/26/2019	7	647	581	312
07/26/2019	8	647	647	340
07/26/2019	9	647	647	377
07/26/2019	10	647	647	398
07/26/2019	11	647	647	408
07/26/2019	12	647	647	403
07/26/2019	13	647	647	403
07/26/2019	14	647	647	417
07/26/2019	15	647	647	414
07/26/2019	16	647	647	411
07/26/2019	17	647	647	392
07/26/2019	18	609	550	373
07/26/2019	19	647	569	387
07/26/2019	20	647	585	387
07/26/2019	21	647	627	384
07/26/2019	22	647	647	372
07/26/2019	23	647	604	355
07/26/2019	24	580	470	337
07/27/2019	1	630	581	319
07/27/2019	2	600	580	308
07/27/2019	3	600	556	298
07/27/2019	4	600	538	288
07/27/2019	5	600	561	285
07/27/2019	6	600	559	279
07/27/2019	7	600	550	289
07/27/2019	8	600	550	315
07/27/2019	9	600	550	346
07/27/2019	10	550	546	365
07/27/2019	11	647	578	378

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/27/2019	12	548	540	374
07/27/2019	13	575	540	372
07/27/2019	14	647	647	390
07/27/2019	15	647	647	385
07/27/2019	16	647	579	377
07/27/2019	17	520	500	362
07/27/2019	18	530	510	357
07/27/2019	19	600	594	374
07/27/2019	20	647	647	378
07/27/2019	21	647	647	378
07/27/2019	22	647	602	373
07/27/2019	23	629	562	350
07/27/2019	24	535	500	329
07/28/2019	1	647	647	314
07/28/2019	2	647	647	301
07/28/2019	3	647	647	290
07/28/2019	4	647	647	279
07/28/2019	5	647	647	277
07/28/2019	6	647	647	275
07/28/2019	7	580	550	279
07/28/2019	8	647	550	295
07/28/2019	9	647	580	310
07/28/2019	10	647	584	323
07/28/2019	11	647	590	333
07/28/2019	12	612	548	333
07/28/2019	13	647	569	334
07/28/2019	14	647	647	341
07/28/2019	15	647	647	340
07/28/2019	16	647	634	329
07/28/2019	17	647	612	320
07/28/2019	18	647	606	320
07/28/2019	19	647	647	342
07/28/2019	20	647	647	341
07/28/2019	21	647	647	338
07/28/2019	22	647	647	333
07/28/2019	23	647	647	326
07/28/2019	24	647	625	315
07/29/2019	1	600	580	305
07/29/2019	2	580	550	294
07/29/2019	3	560	540	285
07/29/2019	4	540	480	280
07/29/2019	5	580	500	281
07/29/2019	6	595	520	284
07/29/2019	7	580	550	289
07/29/2019	8	647	550	336
07/29/2019	9	647	647	376
07/29/2019	10	647	647	399
07/29/2019	11	647	647	410
07/29/2019	12	647	548	403
07/29/2019	13	647	531	402
07/29/2019	14	647	647	414
07/29/2019	15	647	647	410
07/29/2019	16	647	647	405
07/29/2019	17	647	612	388
07/29/2019	18	580	550	370
07/29/2019	19	600	550	375
07/29/2019	20	647	581	385
07/29/2019	21	647	647	381
07/29/2019	22	647	622	370
07/29/2019	23	647	582	354
07/29/2019	24	580	550	337
07/30/2019	1	580	545	303
07/30/2019	2	570	520	293
07/30/2019	3	550	509	285
07/30/2019	4	540	480	280

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/30/2019	5	570	500	283
07/30/2019	6	595	564	286
07/30/2019	7	580	550	292
07/30/2019	8	550	520	314
07/30/2019	9	647	647	363
07/30/2019	10	647	647	384
07/30/2019	11	647	647	397
07/30/2019	12	580	550	388
07/30/2019	13	550	520	391
07/30/2019	14	647	647	407
07/30/2019	15	647	607	403
07/30/2019	16	647	594	398
07/30/2019	17	563	520	382
07/30/2019	18	550	500	367
07/30/2019	19	560	500	380
07/30/2019	20	570	535	379
07/30/2019	21	587	550	375
07/30/2019	22	565	512	362
07/30/2019	23	592	527	345
07/30/2019	24	544	500	327
07/31/2019	1	647	580	303
07/31/2019	2	570	520	278
07/31/2019	3	550	509	274
07/31/2019	4	540	480	270
07/31/2019	5	570	500	274
07/31/2019	6	595	564	277
07/31/2019	7	580	550	280
07/31/2019	8	550	520	314
07/31/2019	9	647	647	356
07/31/2019	10	647	647	380
07/31/2019	11	647	647	391
07/31/2019	12	596	550	386
07/31/2019	13	580	575	386
07/31/2019	14	647	647	400
07/31/2019	15	647	592	396
07/31/2019	16	580	533	391
07/31/2019	17	520	500	373
07/31/2019	18	550	480	359
07/31/2019	19	595	520	371
07/31/2019	20	570	520	370
07/31/2019	21	580	564	365
07/31/2019	22	565	536	352
07/31/2019	23	560	535	335
07/31/2019	24	548	500	318
08/01/2019	1	647	572	307
08/01/2019	2	570	520	295
08/01/2019	3	550	510	285
08/01/2019	4	540	480	280
08/01/2019	5	565	500	284
08/01/2019	6	580	560	283
08/01/2019	7	580	550	281
08/01/2019	8	550	520	327
08/01/2019	9	647	608	363
08/01/2019	10	647	607	384
08/01/2019	11	647	647	394
08/01/2019	12	580	520	388
08/01/2019	13	582	530	389
08/01/2019	14	647	563	402
08/01/2019	15	620	525	399
08/01/2019	16	612	520	395
08/01/2019	17	530	500	376
08/01/2019	18	520	480	360
08/01/2019	19	550	500	374
08/01/2019	20	550	530	375
08/01/2019	21	599	564	369

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/01/2019	22	550	546	358
08/01/2019	23	577	529	342
08/01/2019	24	520	500	324
08/02/2019	1	647	570	307
08/02/2019	2	580	532	295
08/02/2019	3	540	500	286
08/02/2019	4	530	480	282
08/02/2019	5	560	500	286
08/02/2019	6	570	560	287
08/02/2019	7	580	550	283
08/02/2019	8	647	582	327
08/02/2019	9	647	647	357
08/02/2019	10	647	647	378
08/02/2019	11	647	647	391
08/02/2019	12	647	647	383
08/02/2019	13	647	647	383
08/02/2019	14	647	647	397
08/02/2019	15	647	647	392
08/02/2019	16	647	647	394
08/02/2019	17	590	550	373
08/02/2019	18	580	509	359
08/02/2019	19	647	575	370
08/02/2019	20	647	572	370
08/02/2019	21	647	554	366
08/02/2019	22	550	521	352
08/02/2019	23	531	520	338
08/02/2019	24	541	500	321
08/03/2019	1	601	552	294
08/03/2019	2	580	550	285
08/03/2019	3	534	500	277
08/03/2019	4	521	500	270
08/03/2019	5	551	500	267
08/03/2019	6	560	560	263
08/03/2019	7	570	550	267
08/03/2019	8	595	582	293
08/03/2019	9	600	590	324
08/03/2019	10	647	635	343
08/03/2019	11	647	647	354
08/03/2019	12	580	531	345
08/03/2019	13	570	520	343
08/03/2019	14	647	617	352
08/03/2019	15	600	580	345
08/03/2019	16	580	520	332
08/03/2019	17	550	500	321
08/03/2019	18	530	500	320
08/03/2019	19	580	550	333
08/03/2019	20	584	550	333
08/03/2019	21	570	558	329
08/03/2019	22	550	500	318
08/03/2019	23	550	520	303
08/03/2019	24	520	460	289
08/04/2019	1	590	550	290
08/04/2019	2	570	520	285
08/04/2019	3	520	500	274
08/04/2019	4	500	480	263
08/04/2019	5	550	490	261
08/04/2019	6	540	495	259
08/04/2019	7	570	550	263
08/04/2019	8	595	582	279
08/04/2019	9	600	590	285
08/04/2019	10	647	635	298
08/04/2019	11	627	550	309
08/04/2019	12	580	531	308
08/04/2019	13	590	530	310
08/04/2019	14	647	580	316

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/04/2019	15	647	574	315
08/04/2019	16	580	523	304
08/04/2019	17	550	471	296
08/04/2019	18	530	469	295
08/04/2019	19	614	550	318
08/04/2019	20	583	550	316
08/04/2019	21	570	550	314
08/04/2019	22	568	550	308
08/04/2019	23	537	500	301
08/04/2019	24	520	460	291
08/05/2019	1	580	540	286
08/05/2019	2	560	510	277
08/05/2019	3	510	500	270
08/05/2019	4	500	480	263
08/05/2019	5	550	490	261
08/05/2019	6	540	495	259
08/05/2019	7	570	550	267
08/05/2019	8	647	647	313
08/05/2019	9	647	647	353
08/05/2019	10	647	647	373
08/05/2019	11	647	647	385
08/05/2019	12	647	550	376
08/05/2019	13	647	550	374
08/05/2019	14	647	647	389
08/05/2019	15	647	647	384
08/05/2019	16	647	647	385
08/05/2019	17	647	647	365
08/05/2019	18	580	550	351
08/05/2019	19	647	610	363
08/05/2019	20	647	602	362
08/05/2019	21	647	550	359
08/05/2019	22	647	520	345
08/05/2019	23	540	500	331
08/05/2019	24	520	460	314
08/06/2019	1	580	500	291
08/06/2019	2	560	480	280
08/06/2019	3	510	460	274
08/06/2019	4	500	460	271
08/06/2019	5	550	470	277
08/06/2019	6	540	495	282
08/06/2019	7	570	550	297
08/06/2019	8	647	613	319
08/06/2019	9	647	647	352
08/06/2019	10	647	647	373
08/06/2019	11	647	647	381
08/06/2019	12	647	647	375
08/06/2019	13	647	647	376
08/06/2019	14	647	647	390
08/06/2019	15	647	647	387
08/06/2019	16	647	647	382
08/06/2019	17	647	647	367
08/06/2019	18	647	628	354
08/06/2019	19	647	647	361
08/06/2019	20	647	647	356
08/06/2019	21	647	550	345
08/06/2019	22	647	520	329
08/06/2019	23	540	500	311
08/06/2019	24	520	460	296
08/07/2019	1	586	500	289
08/07/2019	2	570	494	281
08/07/2019	3	520	460	273
08/07/2019	4	500	460	271
08/07/2019	5	552	470	277
08/07/2019	6	542	495	281
08/07/2019	7	575	550	300

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/07/2019	8	647	613	326
08/07/2019	9	647	647	357
08/07/2019	10	647	647	384
08/07/2019	11	647	647	395
08/07/2019	12	647	647	391
08/07/2019	13	647	647	392
08/07/2019	14	647	647	403
08/07/2019	15	647	647	397
08/07/2019	16	647	647	391
08/07/2019	17	647	647	376
08/07/2019	18	647	619	358
08/07/2019	19	647	647	368
08/07/2019	20	647	647	364
08/07/2019	21	647	550	357
08/07/2019	22	580	520	343
08/07/2019	23	550	500	326
08/07/2019	24	500	460	310
08/08/2019	1	586	500	292
08/08/2019	2	570	494	282
08/08/2019	3	520	460	273
08/08/2019	4	500	460	272
08/08/2019	5	552	470	278
08/08/2019	6	542	495	280
08/08/2019	7	575	550	301
08/08/2019	8	647	613	323
08/08/2019	9	647	647	359
08/08/2019	10	647	647	381
08/08/2019	11	647	647	394
08/08/2019	12	647	647	386
08/08/2019	13	647	647	384
08/08/2019	14	647	647	395
08/08/2019	15	647	647	391
08/08/2019	16	647	647	380
08/08/2019	17	647	580	365
08/08/2019	18	647	560	356
08/08/2019	19	647	647	363
08/08/2019	20	647	647	359
08/08/2019	21	600	550	349
08/08/2019	22	567	520	336
08/08/2019	23	534	500	319
08/08/2019	24	520	480	309
08/09/2019	1	589	571	284
08/09/2019	2	574	562	274
08/09/2019	3	541	520	267
08/09/2019	4	460	440	263
08/09/2019	5	488	470	270
08/09/2019	6	557	550	277
08/09/2019	7	575	550	282
08/09/2019	8	647	613	317
08/09/2019	9	647	620	347
08/09/2019	10	647	647	369
08/09/2019	11	647	647	375
08/09/2019	12	620	591	361
08/09/2019	13	600	575	360
08/09/2019	14	647	612	369
08/09/2019	15	600	588	362
08/09/2019	16	581	550	360
08/09/2019	17	580	550	351
08/09/2019	18	580	550	346
08/09/2019	19	580	550	353
08/09/2019	20	580	558	348
08/09/2019	21	580	550	340
08/09/2019	22	550	524	323
08/09/2019	23	520	513	304
08/09/2019	24	513	500	290

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/10/2019	1	647	580	286
08/10/2019	2	647	550	277
08/10/2019	3	647	520	269
08/10/2019	4	600	497	262
08/10/2019	5	580	500	259
08/10/2019	6	580	500	259
08/10/2019	7	550	526	267
08/10/2019	8	574	500	289
08/10/2019	9	553	510	303
08/10/2019	10	647	577	322
08/10/2019	11	647	580	333
08/10/2019	12	580	570	324
08/10/2019	13	621	550	322
08/10/2019	14	647	561	331
08/10/2019	15	580	550	323
08/10/2019	16	510	500	311
08/10/2019	17	480	460	300
08/10/2019	18	480	460	299
08/10/2019	19	624	584	312
08/10/2019	20	624	580	312
08/10/2019	21	584	556	308
08/10/2019	22	558	548	297
08/10/2019	23	510	480	281
08/10/2019	24	500	470	268
08/11/2019	1	580	547	282
08/11/2019	2	577	520	273
08/11/2019	3	566	520	266
08/11/2019	4	520	480	255
08/11/2019	5	500	500	253
08/11/2019	6	520	480	251
08/11/2019	7	530	500	255
08/11/2019	8	574	500	271
08/11/2019	9	553	510	283
08/11/2019	10	606	540	296
08/11/2019	11	647	598	307
08/11/2019	12	580	570	306
08/11/2019	13	621	550	308
08/11/2019	14	647	647	314
08/11/2019	15	647	647	313
08/11/2019	16	647	543	302
08/11/2019	17	647	520	294
08/11/2019	18	647	500	294
08/11/2019	19	647	647	316
08/11/2019	20	647	647	314
08/11/2019	21	647	647	312
08/11/2019	22	647	647	306
08/11/2019	23	647	515	300
08/11/2019	24	500	460	289
08/12/2019	1	547	460	241
08/12/2019	2	540	460	234
08/12/2019	3	540	460	229
08/12/2019	4	473	460	224
08/12/2019	5	460	420	229
08/12/2019	6	460	454	232
08/12/2019	7	460	429	234
08/12/2019	8	500	492	264
08/12/2019	9	500	476	294
08/12/2019	10	556	540	314
08/12/2019	11	600	582	323
08/12/2019	12	600	530	315
08/12/2019	13	520	497	310
08/12/2019	14	600	536	321
08/12/2019	15	600	566	317
08/12/2019	16	600	543	313
08/12/2019	17	597	520	305

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/12/2019	18	520	500	300
08/12/2019	19	600	514	307
08/12/2019	20	546	500	299
08/12/2019	21	513	500	291
08/12/2019	22	500	460	278
08/12/2019	23	460	454	262
08/12/2019	24	460	450	250
08/13/2019	1	580	540	282
08/13/2019	2	570	520	273
08/13/2019	3	550	520	266
08/13/2019	4	520	480	259
08/13/2019	5	500	470	257
08/13/2019	6	520	490	255
08/13/2019	7	530	500	263
08/13/2019	8	647	647	309
08/13/2019	9	647	647	353
08/13/2019	10	647	647	374
08/13/2019	11	647	647	382
08/13/2019	12	647	647	377
08/13/2019	13	647	647	377
08/13/2019	14	647	647	391
08/13/2019	15	647	647	388
08/13/2019	16	647	647	383
08/13/2019	17	647	635	369
08/13/2019	18	580	550	355
08/13/2019	19	647	580	362
08/13/2019	20	580	550	357
08/13/2019	21	570	550	346
08/13/2019	22	578	540	330
08/13/2019	23	530	500	312
08/13/2019	24	480	460	297
08/14/2019	1	635	574	302
08/14/2019	2	595	520	292
08/14/2019	3	550	500	284
08/14/2019	4	537	480	282
08/14/2019	5	618	500	288
08/14/2019	6	647	566	293
08/14/2019	7	647	647	298
08/14/2019	8	647	647	334
08/14/2019	9	647	647	366
08/14/2019	10	647	647	390
08/14/2019	11	647	647	401
08/14/2019	12	647	647	396
08/14/2019	13	647	647	396
08/14/2019	14	647	647	408
08/14/2019	15	647	647	404
08/14/2019	16	647	647	399
08/14/2019	17	647	647	384
08/14/2019	18	580	550	368
08/14/2019	19	647	647	377
08/14/2019	20	647	647	372
08/14/2019	21	647	550	362
08/14/2019	22	598	550	348
08/14/2019	23	550	500	330
08/14/2019	24	530	463	314
08/15/2019	1	647	590	315
08/15/2019	2	600	573	305
08/15/2019	3	550	500	295
08/15/2019	4	537	480	291
08/15/2019	5	618	500	295
08/15/2019	6	574	500	289
08/15/2019	7	580	550	297
08/15/2019	8	647	590	337
08/15/2019	9	647	647	377
08/15/2019	10	647	647	392

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/15/2019	11	647	647	408
08/15/2019	12	647	580	403
08/15/2019	13	647	590	405
08/15/2019	14	647	647	420
08/15/2019	15	647	647	417
08/15/2019	16	647	647	410
08/15/2019	17	647	647	386
08/15/2019	18	580	550	369
08/15/2019	19	647	647	380
08/15/2019	20	647	647	385
08/15/2019	21	647	647	383
08/15/2019	22	647	647	373
08/15/2019	23	647	578	349
08/15/2019	24	530	463	323
08/16/2019	1	580	565	304
08/16/2019	2	575	548	292
08/16/2019	3	540	500	285
08/16/2019	4	537	531	284
08/16/2019	5	618	524	294
08/16/2019	6	574	562	296
08/16/2019	7	580	554	301
08/16/2019	8	607	602	335
08/16/2019	9	617	612	374
08/16/2019	10	647	610	396
08/16/2019	11	647	612	407
08/16/2019	12	580	545	398
08/16/2019	13	580	500	397
08/16/2019	14	621	620	409
08/16/2019	15	620	618	408
08/16/2019	16	580	566	401
08/16/2019	17	561	518	384
08/16/2019	18	568	523	377
08/16/2019	19	600	580	388
08/16/2019	20	600	563	379
08/16/2019	21	580	563	373
08/16/2019	22	590	579	357
08/16/2019	23	590	578	338
08/16/2019	24	508	500	321
08/17/2019	1	580	560	298
08/17/2019	2	570	540	289
08/17/2019	3	550	500	281
08/17/2019	4	520	480	274
08/17/2019	5	550	500	271
08/17/2019	6	530	490	267
08/17/2019	7	564	520	271
08/17/2019	8	580	550	297
08/17/2019	9	600	560	339
08/17/2019	10	601	564	358
08/17/2019	11	602	570	369
08/17/2019	12	561	520	360
08/17/2019	13	520	500	358
08/17/2019	14	591	520	367
08/17/2019	15	560	500	360
08/17/2019	16	550	480	347
08/17/2019	17	500	470	336
08/17/2019	18	500	480	335
08/17/2019	19	550	500	348
08/17/2019	20	540	500	348
08/17/2019	21	530	500	344
08/17/2019	22	520	480	333
08/17/2019	23	500	470	317
08/17/2019	24	480	460	304
08/18/2019	1	570	550	290
08/18/2019	2	550	520	285
08/18/2019	3	520	500	274

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/18/2019	4	500	480	263
08/18/2019	5	500	462	261
08/18/2019	6	493	460	259
08/18/2019	7	520	460	263
08/18/2019	8	580	500	279
08/18/2019	9	600	550	299
08/18/2019	10	601	564	312
08/18/2019	11	602	570	323
08/18/2019	12	561	520	322
08/18/2019	13	573	500	324
08/18/2019	14	591	520	330
08/18/2019	15	580	500	329
08/18/2019	16	550	480	318
08/18/2019	17	500	470	310
08/18/2019	18	500	480	309
08/18/2019	19	647	550	332
08/18/2019	20	647	542	330
08/18/2019	21	647	580	328
08/18/2019	22	580	550	322
08/18/2019	23	500	470	315
08/18/2019	24	480	460	305
08/19/2019	1	570	550	308
08/19/2019	2	550	520	298
08/19/2019	3	520	500	290
08/19/2019	4	500	480	286
08/19/2019	5	520	497	292
08/19/2019	6	520	460	293
08/19/2019	7	520	470	296
08/19/2019	8	580	503	330
08/19/2019	9	600	560	366
08/19/2019	10	600	600	390
08/19/2019	11	600	600	403
08/19/2019	12	600	571	394
08/19/2019	13	575	561	393
08/19/2019	14	647	637	407
08/19/2019	15	615	600	404
08/19/2019	16	600	585	397
08/19/2019	17	484	480	379
08/19/2019	18	500	460	370
08/19/2019	19	600	584	383
08/19/2019	20	580	560	380
08/19/2019	21	580	550	372
08/19/2019	22	580	537	356
08/19/2019	23	480	460	338
08/19/2019	24	480	460	320
08/20/2019	1	570	550	290
08/20/2019	2	550	520	281
08/20/2019	3	520	480	273
08/20/2019	4	500	460	266
08/20/2019	5	500	460	263
08/20/2019	6	480	460	259
08/20/2019	7	520	460	272
08/20/2019	8	580	550	329
08/20/2019	9	590	560	377
08/20/2019	10	600	570	399
08/20/2019	11	647	580	407
08/20/2019	12	580	550	401
08/20/2019	13	570	540	398
08/20/2019	14	647	580	413
08/20/2019	15	590	550	408
08/20/2019	16	580	520	409
08/20/2019	17	550	500	387
08/20/2019	18	500	480	372
08/20/2019	19	580	540	385
08/20/2019	20	580	530	384

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/20/2019	21	580	550	381
08/20/2019	22	580	550	366
08/20/2019	23	500	470	351
08/20/2019	24	480	460	333
08/21/2019	1	550	531	336
08/21/2019	2	512	500	324
08/21/2019	3	510	500	310
08/21/2019	4	510	500	302
08/21/2019	5	487	480	293
08/21/2019	6	480	460	283
08/21/2019	7	520	460	283
08/21/2019	8	520	472	300
08/21/2019	9	520	492	326
08/21/2019	10	520	496	343
08/21/2019	11	550	550	360
08/21/2019	12	550	543	358
08/21/2019	13	550	550	361
08/21/2019	14	550	550	371
08/21/2019	15	550	550	367
08/21/2019	16	550	531	361
08/21/2019	17	550	500	346
08/21/2019	18	550	480	342
08/21/2019	19	562	550	364
08/21/2019	20	562	540	369
08/21/2019	21	559	550	373
08/21/2019	22	580	544	368
08/21/2019	23	575	500	356
08/21/2019	24	567	550	341
08/22/2019	1	591	550	294
08/22/2019	2	560	531	285
08/22/2019	3	530	480	277
08/22/2019	4	500	460	270
08/22/2019	5	480	460	267
08/22/2019	6	460	456	263
08/22/2019	7	536	460	276
08/22/2019	8	604	550	333
08/22/2019	9	647	573	387
08/22/2019	10	647	647	410
08/22/2019	11	647	647	422
08/22/2019	12	647	647	412
08/22/2019	13	647	647	415
08/22/2019	14	647	647	427
08/22/2019	15	647	647	425
08/22/2019	16	647	647	419
08/22/2019	17	647	647	402
08/22/2019	18	601	550	388
08/22/2019	19	647	620	401
08/22/2019	20	647	578	400
08/22/2019	21	647	647	399
08/22/2019	22	580	536	386
08/22/2019	23	520	470	362
08/22/2019	24	480	460	338
08/23/2019	1	581	541	302
08/23/2019	2	575	521	292
08/23/2019	3	509	464	283
08/23/2019	4	509	480	280
08/23/2019	5	530	497	284
08/23/2019	6	503	480	286
08/23/2019	7	517	460	286
08/23/2019	8	548	547	326
08/23/2019	9	555	530	359
08/23/2019	10	527	525	380
08/23/2019	11	595	550	392
08/23/2019	12	581	504	383
08/23/2019	13	540	508	380

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/23/2019	14	595	550	397
08/23/2019	15	534	500	394
08/23/2019	16	542	500	391
08/23/2019	17	500	460	371
08/23/2019	18	480	460	357
08/23/2019	19	524	500	371
08/23/2019	20	509	460	368
08/23/2019	21	519	460	364
08/23/2019	22	490	460	352
08/23/2019	23	496	495	337
08/23/2019	24	480	467	320
08/24/2019	1	590	540	295
08/24/2019	2	551	530	287
08/24/2019	3	510	480	279
08/24/2019	4	480	460	272
08/24/2019	5	470	460	269
08/24/2019	6	460	442	265
08/24/2019	7	536	460	269
08/24/2019	8	540	480	301
08/24/2019	9	550	498	335
08/24/2019	10	550	500	354
08/24/2019	11	580	500	365
08/24/2019	12	550	480	356
08/24/2019	13	540	480	354
08/24/2019	14	570	500	363
08/24/2019	15	550	500	355
08/24/2019	16	500	480	343
08/24/2019	17	500	460	332
08/24/2019	18	480	460	331
08/24/2019	19	550	500	344
08/24/2019	20	520	460	344
08/24/2019	21	520	460	340
08/24/2019	22	500	460	329
08/24/2019	23	500	460	313
08/24/2019	24	480	460	300
08/25/2019	1	580	530	290
08/25/2019	2	540	517	281
08/25/2019	3	510	462	273
08/25/2019	4	460	450	262
08/25/2019	5	460	436	261
08/25/2019	6	460	430	259
08/25/2019	7	520	460	263
08/25/2019	8	540	460	279
08/25/2019	9	550	470	308
08/25/2019	10	550	500	321
08/25/2019	11	580	500	332
08/25/2019	12	550	480	331
08/25/2019	13	570	505	333
08/25/2019	14	585	500	339
08/25/2019	15	584	500	338
08/25/2019	16	549	480	327
08/25/2019	17	500	460	319
08/25/2019	18	480	460	318
08/25/2019	19	647	550	341
08/25/2019	20	600	497	339
08/25/2019	21	520	460	337
08/25/2019	22	500	460	331
08/25/2019	23	500	460	324
08/25/2019	24	480	460	314
08/26/2019	1	547	438	275
08/26/2019	2	488	438	264
08/26/2019	3	450	438	259
08/26/2019	4	400	370	251
08/26/2019	5	400	359	251
08/26/2019	6	354	335	249

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/26/2019	7	400	394	253
08/26/2019	8	400	364	270
08/26/2019	9	518	441	292
08/26/2019	10	520	440	311
08/26/2019	11	532	516	322
08/26/2019	12	512	420	318
08/26/2019	13	505	420	317
08/26/2019	14	510	506	325
08/26/2019	15	500	496	323
08/26/2019	16	503	420	319
08/26/2019	17	518	420	312
08/26/2019	18	529	453	314
08/26/2019	19	560	521	335
08/26/2019	20	583	578	338
08/26/2019	21	540	530	337
08/26/2019	22	500	467	325
08/26/2019	23	490	460	311
08/26/2019	24	471	460	295
08/27/2019	1	580	530	288
08/27/2019	2	540	510	279
08/27/2019	3	510	460	271
08/27/2019	4	460	450	264
08/27/2019	5	460	420	261
08/27/2019	6	460	420	257
08/27/2019	7	492	460	278
08/27/2019	8	540	460	329
08/27/2019	9	647	550	375
08/27/2019	10	647	580	397
08/27/2019	11	647	647	405
08/27/2019	12	647	562	399
08/27/2019	13	647	550	396
08/27/2019	14	647	647	411
08/27/2019	15	647	647	406
08/27/2019	16	647	580	407
08/27/2019	17	550	500	385
08/27/2019	18	480	460	370
08/27/2019	19	580	500	383
08/27/2019	20	570	497	382
08/27/2019	21	520	460	379
08/27/2019	22	500	460	364
08/27/2019	23	500	460	349
08/27/2019	24	480	460	331
08/28/2019	1	580	517	293
08/28/2019	2	557	481	283
08/28/2019	3	490	460	274
08/28/2019	4	488	460	271
08/28/2019	5	500	460	277
08/28/2019	6	550	482	279
08/28/2019	7	580	502	285
08/28/2019	8	590	500	317
08/28/2019	9	647	564	351
08/28/2019	10	647	581	372
08/28/2019	11	647	588	382
08/28/2019	12	647	530	373
08/28/2019	13	647	538	373
08/28/2019	14	647	604	388
08/28/2019	15	647	560	385
08/28/2019	16	615	500	378
08/28/2019	17	550	460	360
08/28/2019	18	500	460	350
08/28/2019	19	580	534	364
08/28/2019	20	550	500	361
08/28/2019	21	547	480	356
08/28/2019	22	520	462	344
08/28/2019	23	500	460	327

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/28/2019	24	460	420	310
08/29/2019	1	580	533	299
08/29/2019	2	550	496	290
08/29/2019	3	490	460	282
08/29/2019	4	460	460	278
08/29/2019	5	500	460	282
08/29/2019	6	520	460	283
08/29/2019	7	580	472	290
08/29/2019	8	590	500	324
08/29/2019	9	647	520	358
08/29/2019	10	647	530	379
08/29/2019	11	647	569	390
08/29/2019	12	619	550	382
08/29/2019	13	588	550	381
08/29/2019	14	647	500	394
08/29/2019	15	600	500	389
08/29/2019	16	580	480	384
08/29/2019	17	550	480	367
08/29/2019	18	500	460	357
08/29/2019	19	592	500	368
08/29/2019	20	570	480	364
08/29/2019	21	540	460	357
08/29/2019	22	480	460	343
08/29/2019	23	470	460	328
08/29/2019	24	460	450	311
08/30/2019	1	570	520	302
08/30/2019	2	520	480	293
08/30/2019	3	480	460	285
08/30/2019	4	460	460	281
08/30/2019	5	500	460	287
08/30/2019	6	520	460	290
08/30/2019	7	580	472	300
08/30/2019	8	550	500	328
08/30/2019	9	580	520	359
08/30/2019	10	647	542	379
08/30/2019	11	647	553	388
08/30/2019	12	591	550	380
08/30/2019	13	570	520	376
08/30/2019	14	627	500	385
08/30/2019	15	585	500	378
08/30/2019	16	571	470	375
08/30/2019	17	545	469	363
08/30/2019	18	500	460	356
08/30/2019	19	590	528	367
08/30/2019	20	580	513	363
08/30/2019	21	520	460	356
08/30/2019	22	480	460	343
08/30/2019	23	481	460	327
08/30/2019	24	460	450	311
08/31/2019	1	540	500	290
08/31/2019	2	500	450	280
08/31/2019	3	450	430	272
08/31/2019	4	440	390	268
08/31/2019	5	440	406	266
08/31/2019	6	419	400	267
08/31/2019	7	530	480	281
08/31/2019	8	525	455	289
08/31/2019	9	550	491	314
08/31/2019	10	550	500	336
08/31/2019	11	541	520	346
08/31/2019	12	520	500	341
08/31/2019	13	525	505	340
08/31/2019	14	530	480	350
08/31/2019	15	520	517	345
08/31/2019	16	517	480	336

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/31/2019	17	490	420	328
08/31/2019	18	430	410	329
08/31/2019	19	525	446	341
08/31/2019	20	520	473	339
08/31/2019	21	425	403	329
08/31/2019	22	425	395	318
08/31/2019	23	425	395	307
08/31/2019	24	400	359	289
09/01/2019	1	570	480	288
09/01/2019	2	520	478	283
09/01/2019	3	460	450	272
09/01/2019	4	460	449	261
09/01/2019	5	500	460	259
09/01/2019	6	466	460	257
09/01/2019	7	515	472	261
09/01/2019	8	538	480	277
09/01/2019	9	580	520	297
09/01/2019	10	552	520	310
09/01/2019	11	574	500	321
09/01/2019	12	564	480	320
09/01/2019	13	550	488	322
09/01/2019	14	590	500	328
09/01/2019	15	570	480	327
09/01/2019	16	550	470	316
09/01/2019	17	466	460	308
09/01/2019	18	460	440	307
09/01/2019	19	550	471	330
09/01/2019	20	540	460	328
09/01/2019	21	480	460	326
09/01/2019	22	460	450	320
09/01/2019	23	460	430	313
09/01/2019	24	460	420	303
09/02/2019	1	550	460	286
09/02/2019	2	460	455	277
09/02/2019	3	460	450	270
09/02/2019	4	460	420	263
09/02/2019	5	460	460	261
09/02/2019	6	460	430	259
09/02/2019	7	515	466	267
09/02/2019	8	538	480	313
09/02/2019	9	540	500	359
09/02/2019	10	552	505	384
09/02/2019	11	560	500	397
09/02/2019	12	550	500	387
09/02/2019	13	480	460	386
09/02/2019	14	580	480	400
09/02/2019	15	570	480	396
09/02/2019	16	550	470	397
09/02/2019	17	460	450	376
09/02/2019	18	460	440	362
09/02/2019	19	550	460	374
09/02/2019	20	528	460	374
09/02/2019	21	480	460	371
09/02/2019	22	460	450	356
09/02/2019	23	460	450	342
09/02/2019	24	460	420	326
09/03/2019	1	520	460	287
09/03/2019	2	460	413	278
09/03/2019	3	460	400	270
09/03/2019	4	460	376	267
09/03/2019	5	460	420	275
09/03/2019	6	460	430	280
09/03/2019	7	580	460	284
09/03/2019	8	647	460	317
09/03/2019	9	647	460	351

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/03/2019	10	647	460	371
09/03/2019	11	647	460	385
09/03/2019	12	647	460	377
09/03/2019	13	647	460	376
09/03/2019	14	647	460	388
09/03/2019	15	647	460	383
09/03/2019	16	540	460	379
09/03/2019	17	480	460	365
09/03/2019	18	470	460	354
09/03/2019	19	520	460	363
09/03/2019	20	500	460	357
09/03/2019	21	460	420	347
09/03/2019	22	460	420	332
09/03/2019	23	460	420	314
09/03/2019	24	460	420	299
09/04/2019	1	560	460	287
09/04/2019	2	520	460	280
09/04/2019	3	470	460	275
09/04/2019	4	460	450	273
09/04/2019	5	492	460	279
09/04/2019	6	489	460	284
09/04/2019	7	589	480	300
09/04/2019	8	647	500	341
09/04/2019	9	647	500	366
09/04/2019	10	647	464	384
09/04/2019	11	647	460	395
09/04/2019	12	647	566	386
09/04/2019	13	647	490	382
09/04/2019	14	647	498	396
09/04/2019	15	647	460	392
09/04/2019	16	540	460	386
09/04/2019	17	480	460	373
09/04/2019	18	470	464	371
09/04/2019	19	565	500	379
09/04/2019	20	550	474	374
09/04/2019	21	538	460	364
09/04/2019	22	500	460	348
09/04/2019	23	480	460	330
09/04/2019	24	460	450	312
09/05/2019	1	590	550	303
09/05/2019	2	550	510	294
09/05/2019	3	510	480	287
09/05/2019	4	460	460	285
09/05/2019	5	500	470	291
09/05/2019	6	550	500	296
09/05/2019	7	550	500	292
09/05/2019	8	561	500	334
09/05/2019	9	620	533	374
09/05/2019	10	631	540	396
09/05/2019	11	647	536	402
09/05/2019	12	580	460	392
09/05/2019	13	541	460	386
09/05/2019	14	647	477	397
09/05/2019	15	647	460	394
09/05/2019	16	540	460	390
09/05/2019	17	480	460	375
09/05/2019	18	470	460	372
09/05/2019	19	551	460	380
09/05/2019	20	540	460	372
09/05/2019	21	500	460	362
09/05/2019	22	500	460	348
09/05/2019	23	480	460	330
09/05/2019	24	460	450	313
09/06/2019	1	550	506	290
09/06/2019	2	550	500	280

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/06/2019	3	480	460	273
09/06/2019	4	460	450	262
09/06/2019	5	460	440	260
09/06/2019	6	460	420	259
09/06/2019	7	460	440	263
09/06/2019	8	460	450	279
09/06/2019	9	580	460	303
09/06/2019	10	590	460	316
09/06/2019	11	600	460	327
09/06/2019	12	563	460	326
09/06/2019	13	550	460	328
09/06/2019	14	580	533	334
09/06/2019	15	570	531	333
09/06/2019	16	520	481	322
09/06/2019	17	480	460	314
09/06/2019	18	460	420	313
09/06/2019	19	515	460	336
09/06/2019	20	520	460	334
09/06/2019	21	520	460	332
09/06/2019	22	510	460	326
09/06/2019	23	470	460	319
09/06/2019	24	460	420	309
09/07/2019	1	400	400	307
09/07/2019	2	400	400	296
09/07/2019	3	400	400	291
09/07/2019	4	400	400	282
09/07/2019	5	521	447	281
09/07/2019	6	461	456	281
09/07/2019	7	486	421	290
09/07/2019	8	550	456	310
09/07/2019	9	550	400	341
09/07/2019	10	550	420	363
09/07/2019	11	556	420	376
09/07/2019	12	550	420	370
09/07/2019	13	550	420	368
09/07/2019	14	550	420	377
09/07/2019	15	550	420	372
09/07/2019	16	550	420	361
09/07/2019	17	550	420	350
09/07/2019	18	550	420	351
09/07/2019	19	550	420	364
09/07/2019	20	550	420	361
09/07/2019	21	550	420	352
09/07/2019	22	550	456	342
09/07/2019	23	516	456	330
09/07/2019	24	420	400	310
09/08/2019	1	550	506	290
09/08/2019	2	550	500	280
09/08/2019	3	480	460	273
09/08/2019	4	460	450	262
09/08/2019	5	460	440	260
09/08/2019	6	460	420	259
09/08/2019	7	460	440	263
09/08/2019	8	460	450	279
09/08/2019	9	580	460	303
09/08/2019	10	590	460	316
09/08/2019	11	600	460	327
09/08/2019	12	563	460	326
09/08/2019	13	550	460	328
09/08/2019	14	580	533	334
09/08/2019	15	570	531	333
09/08/2019	16	520	481	322
09/08/2019	17	480	460	314
09/08/2019	18	460	420	313
09/08/2019	19	515	460	336

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/08/2019	20	520	460	334
09/08/2019	21	520	460	332
09/08/2019	22	510	460	326
09/08/2019	23	470	460	319
09/08/2019	24	460	420	309
09/09/2019	1	550	500	286
09/09/2019	2	550	460	278
09/09/2019	3	480	460	270
09/09/2019	4	460	450	264
09/09/2019	5	460	440	261
09/09/2019	6	460	420	259
09/09/2019	7	460	440	267
09/09/2019	8	508	460	313
09/09/2019	9	580	460	362
09/09/2019	10	590	460	388
09/09/2019	11	580	460	400
09/09/2019	12	550	460	391
09/09/2019	13	540	460	389
09/09/2019	14	647	477	403
09/09/2019	15	576	480	399
09/09/2019	16	570	480	400
09/09/2019	17	500	460	380
09/09/2019	18	460	420	365
09/09/2019	19	515	460	378
09/09/2019	20	520	460	377
09/09/2019	21	520	460	374
09/09/2019	22	510	460	359
09/09/2019	23	470	460	345
09/09/2019	24	460	420	329
09/10/2019	1	580	500	301
09/10/2019	2	540	460	292
09/10/2019	3	500	460	285
09/10/2019	4	480	460	283
09/10/2019	5	460	460	286
09/10/2019	6	480	460	292
09/10/2019	7	500	460	294
09/10/2019	8	546	460	331
09/10/2019	9	580	460	364
09/10/2019	10	580	460	387
09/10/2019	11	580	460	397
09/10/2019	12	550	460	387
09/10/2019	13	540	460	386
09/10/2019	14	580	497	396
09/10/2019	15	572	480	392
09/10/2019	16	550	460	385
09/10/2019	17	480	460	372
09/10/2019	18	460	420	366
09/10/2019	19	572	460	374
09/10/2019	20	500	460	371
09/10/2019	21	460	440	363
09/10/2019	22	460	434	348
09/10/2019	23	460	420	330
09/10/2019	24	460	420	315
09/11/2019	1	560	460	287
09/11/2019	2	520	460	279
09/11/2019	3	500	460	273
09/11/2019	4	490	460	271
09/11/2019	5	500	460	279
09/11/2019	6	520	460	286
09/11/2019	7	544	460	295
09/11/2019	8	550	460	333
09/11/2019	9	560	460	364
09/11/2019	10	580	460	387
09/11/2019	11	530	460	397
09/11/2019	12	520	460	387

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/11/2019	13	540	460	385
09/11/2019	14	580	480	400
09/11/2019	15	572	466	396
09/11/2019	16	550	460	393
09/11/2019	17	480	460	376
09/11/2019	18	460	420	370
09/11/2019	19	580	460	381
09/11/2019	20	520	460	376
09/11/2019	21	480	460	366
09/11/2019	22	460	430	353
09/11/2019	23	460	430	335
09/11/2019	24	460	420	318
09/12/2019	1	550	456	300
09/12/2019	2	548	450	291
09/12/2019	3	498	437	284
09/12/2019	4	488	350	280
09/12/2019	5	498	401	286
09/12/2019	6	518	466	291
09/12/2019	7	542	479	292
09/12/2019	8	571	452	334
09/12/2019	9	558	450	365
09/12/2019	10	578	465	387
09/12/2019	11	528	460	395
09/12/2019	12	473	460	385
09/12/2019	13	460	459	381
09/12/2019	14	570	498	394
09/12/2019	15	550	491	391
09/12/2019	16	518	460	386
09/12/2019	17	460	420	370
09/12/2019	18	460	420	364
09/12/2019	19	498	460	373
09/12/2019	20	498	460	366
09/12/2019	21	498	460	357
09/12/2019	22	460	420	343
09/12/2019	23	460	444	326
09/12/2019	24	460	447	309
09/13/2019	1	530	460	283
09/13/2019	2	520	460	279
09/13/2019	3	498	460	272
09/13/2019	4	460	440	267
09/13/2019	5	460	450	274
09/13/2019	6	480	460	277
09/13/2019	7	490	460	280
09/13/2019	8	550	460	317
09/13/2019	9	553	460	351
09/13/2019	10	570	460	366
09/13/2019	11	528	460	374
09/13/2019	12	460	433	365
09/13/2019	13	460	453	364
09/13/2019	14	570	498	375
09/13/2019	15	550	473	370
09/13/2019	16	510	460	365
09/13/2019	17	460	420	350
09/13/2019	18	460	420	345
09/13/2019	19	497	460	354
09/13/2019	20	460	450	348
09/13/2019	21	460	444	343
09/13/2019	22	460	426	332
09/13/2019	23	460	420	310
09/13/2019	24	460	420	297
09/14/2019	1	530	460	295
09/14/2019	2	520	460	283
09/14/2019	3	498	460	278
09/14/2019	4	460	440	270
09/14/2019	5	460	450	269

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/14/2019	6	480	418	267
09/14/2019	7	451	351	263
09/14/2019	8	500	406	299
09/14/2019	9	563	451	328
09/14/2019	10	570	502	349
09/14/2019	11	580	521	356
09/14/2019	12	426	420	348
09/14/2019	13	485	420	350
09/14/2019	14	560	506	357
09/14/2019	15	550	500	351
09/14/2019	16	420	418	342
09/14/2019	17	420	390	330
09/14/2019	18	420	402	334
09/14/2019	19	450	432	344
09/14/2019	20	450	420	341
09/14/2019	21	461	420	340
09/14/2019	22	470	448	333
09/14/2019	23	470	460	320
09/14/2019	24	460	450	303
09/15/2019	1	550	468	284
09/15/2019	2	510	460	276
09/15/2019	3	468	460	268
09/15/2019	4	464	460	257
09/15/2019	5	460	440	255
09/15/2019	6	460	430	253
09/15/2019	7	460	450	257
09/15/2019	8	460	460	273
09/15/2019	9	480	460	291
09/15/2019	10	522	460	304
09/15/2019	11	528	460	315
09/15/2019	12	460	429	314
09/15/2019	13	470	460	316
09/15/2019	14	539	498	322
09/15/2019	15	530	490	321
09/15/2019	16	476	460	310
09/15/2019	17	460	420	302
09/15/2019	18	460	420	301
09/15/2019	19	545	460	324
09/15/2019	20	460	450	322
09/15/2019	21	460	450	320
09/15/2019	22	460	425	314
09/15/2019	23	460	450	307
09/15/2019	24	460	420	297
09/16/2019	1	550	468	282
09/16/2019	2	480	460	273
09/16/2019	3	460	450	266
09/16/2019	4	460	430	259
09/16/2019	5	460	440	257
09/16/2019	6	460	430	255
09/16/2019	7	460	444	263
09/16/2019	8	460	460	309
09/16/2019	9	480	460	353
09/16/2019	10	522	460	378
09/16/2019	11	528	460	391
09/16/2019	12	460	454	381
09/16/2019	13	460	420	380
09/16/2019	14	599	550	394
09/16/2019	15	579	520	390
09/16/2019	16	550	500	383
09/16/2019	17	460	420	370
09/16/2019	18	460	420	356
09/16/2019	19	550	460	368
09/16/2019	20	460	450	368
09/16/2019	21	460	450	365
09/16/2019	22	460	450	350

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/16/2019	23	460	450	336
09/16/2019	24	460	420	320
09/17/2019	1	550	460	284
09/17/2019	2	500	460	278
09/17/2019	3	460	450	271
09/17/2019	4	460	430	267
09/17/2019	5	460	440	274
09/17/2019	6	460	430	281
09/17/2019	7	460	444	285
09/17/2019	8	480	460	321
09/17/2019	9	480	460	355
09/17/2019	10	500	460	378
09/17/2019	11	526	460	386
09/17/2019	12	505	460	376
09/17/2019	13	460	450	373
09/17/2019	14	599	492	387
09/17/2019	15	580	481	383
09/17/2019	16	550	460	377
09/17/2019	17	460	420	365
09/17/2019	18	460	434	360
09/17/2019	19	560	460	370
09/17/2019	20	500	460	363
09/17/2019	21	460	455	355
09/17/2019	22	460	420	340
09/17/2019	23	460	426	323
09/17/2019	24	460	420	308
09/18/2019	1	480	460	291
09/18/2019	2	461	460	283
09/18/2019	3	460	440	276
09/18/2019	4	460	416	274
09/18/2019	5	460	425	281
09/18/2019	6	472	460	290
09/18/2019	7	480	460	292
09/18/2019	8	480	460	329
09/18/2019	9	480	460	359
09/18/2019	10	525	481	380
09/18/2019	11	501	460	391
09/18/2019	12	505	460	383
09/18/2019	13	460	450	381
09/18/2019	14	590	530	397
09/18/2019	15	580	490	394
09/18/2019	16	550	487	387
09/18/2019	17	460	420	374
09/18/2019	18	500	460	368
09/18/2019	19	560	463	369
09/18/2019	20	460	440	359
09/18/2019	21	460	440	352
09/18/2019	22	460	420	335
09/18/2019	23	460	420	320
09/18/2019	24	460	420	302
09/19/2019	1	550	471	300
09/19/2019	2	500	460	292
09/19/2019	3	475	460	284
09/19/2019	4	460	420	279
09/19/2019	5	460	460	283
09/19/2019	6	480	460	287
09/19/2019	7	500	460	292
09/19/2019	8	510	460	327
09/19/2019	9	520	460	358
09/19/2019	10	525	463	379
09/19/2019	11	546	480	389
09/19/2019	12	510	460	380
09/19/2019	13	460	450	377
09/19/2019	14	587	460	391
09/19/2019	15	553	460	388

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/19/2019	16	550	460	382
09/19/2019	17	460	450	366
09/19/2019	18	460	420	360
09/19/2019	19	550	460	367
09/19/2019	20	460	440	362
09/19/2019	21	460	440	356
09/19/2019	22	460	420	342
09/19/2019	23	460	440	328
09/19/2019	24	460	420	311
09/20/2019	1	530	480	287
09/20/2019	2	526	465	280
09/20/2019	3	460	460	273
09/20/2019	4	460	430	269
09/20/2019	5	470	460	276
09/20/2019	6	471	460	280
09/20/2019	7	520	460	293
09/20/2019	8	530	460	320
09/20/2019	9	570	460	353
09/20/2019	10	580	460	373
09/20/2019	11	590	460	383
09/20/2019	12	550	460	373
09/20/2019	13	500	460	371
09/20/2019	14	647	460	382
09/20/2019	15	580	460	375
09/20/2019	16	550	460	369
09/20/2019	17	460	450	356
09/20/2019	18	460	420	352
09/20/2019	19	550	460	361
09/20/2019	20	460	440	354
09/20/2019	21	460	440	349
09/20/2019	22	460	420	338
09/20/2019	23	460	431	318
09/20/2019	24	460	420	302
09/21/2019	1	530	480	289
09/21/2019	2	500	451	277
09/21/2019	3	480	440	272
09/21/2019	4	479	400	264
09/21/2019	5	470	405	264
09/21/2019	6	496	471	262
09/21/2019	7	520	494	267
09/21/2019	8	500	440	293
09/21/2019	9	570	460	321
09/21/2019	10	560	500	341
09/21/2019	11	570	500	348
09/21/2019	12	550	460	344
09/21/2019	13	500	464	340
09/21/2019	14	590	544	349
09/21/2019	15	580	506	341
09/21/2019	16	550	501	332
09/21/2019	17	450	430	322
09/21/2019	18	460	442	324
09/21/2019	19	550	463	332
09/21/2019	20	500	460	329
09/21/2019	21	468	460	325
09/21/2019	22	460	460	316
09/21/2019	23	460	435	302
09/21/2019	24	460	420	288
09/22/2019	1	530	480	282
09/22/2019	2	526	464	274
09/22/2019	3	460	460	266
09/22/2019	4	460	430	257
09/22/2019	5	470	460	255
09/22/2019	6	471	460	253
09/22/2019	7	460	450	257
09/22/2019	8	530	460	273

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/22/2019	9	550	460	287
09/22/2019	10	560	460	300
09/22/2019	11	570	460	311
09/22/2019	12	520	460	310
09/22/2019	13	480	460	312
09/22/2019	14	545	460	319
09/22/2019	15	530	460	318
09/22/2019	16	550	460	306
09/22/2019	17	460	450	298
09/22/2019	18	460	450	298
09/22/2019	19	550	460	320
09/22/2019	20	550	460	318
09/22/2019	21	530	460	316
09/22/2019	22	530	460	310
09/22/2019	23	460	431	304
09/22/2019	24	460	420	293
09/23/2019	1	550	500	282
09/23/2019	2	500	462	272
09/23/2019	3	467	460	264
09/23/2019	4	460	440	258
09/23/2019	5	470	460	257
09/23/2019	6	471	460	255
09/23/2019	7	460	450	263
09/23/2019	8	530	460	309
09/23/2019	9	580	512	355
09/23/2019	10	647	541	380
09/23/2019	11	647	567	393
09/23/2019	12	580	500	383
09/23/2019	13	647	480	382
09/23/2019	14	647	644	396
09/23/2019	15	647	600	392
09/23/2019	16	580	500	385
09/23/2019	17	550	460	372
09/23/2019	18	480	460	358
09/23/2019	19	580	470	370
09/23/2019	20	550	468	370
09/23/2019	21	520	462	367
09/23/2019	22	500	460	352
09/23/2019	23	500	460	338
09/23/2019	24	500	460	322
09/24/2019	1	647	580	310
09/24/2019	2	647	560	299
09/24/2019	3	580	550	291
09/24/2019	4	550	485	285
09/24/2019	5	580	541	289
09/24/2019	6	590	538	290
09/24/2019	7	600	550	295
09/24/2019	8	600	586	333
09/24/2019	9	647	580	367
09/24/2019	10	647	647	391
09/24/2019	11	647	647	402
09/24/2019	12	647	647	394
09/24/2019	13	647	647	394
09/24/2019	14	647	647	407
09/24/2019	15	647	647	401
09/24/2019	16	647	647	395
09/24/2019	17	580	463	376
09/24/2019	18	480	460	370
09/24/2019	19	647	542	377
09/24/2019	20	647	530	376
09/24/2019	21	570	460	372
09/24/2019	22	583	460	358
09/24/2019	23	490	460	340
09/24/2019	24	480	460	324
09/25/2019	1	647	600	310

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/25/2019	2	647	570	296
09/25/2019	3	590	560	287
09/25/2019	4	585	550	288
09/25/2019	5	590	541	293
09/25/2019	6	595	570	293
09/25/2019	7	647	580	297
09/25/2019	8	647	647	339
09/25/2019	9	647	647	376
09/25/2019	10	647	647	398
09/25/2019	11	647	647	407
09/25/2019	12	647	647	401
09/25/2019	13	647	647	402
09/25/2019	14	647	647	416
09/25/2019	15	647	647	408
09/25/2019	16	647	647	395
09/25/2019	17	647	590	383
09/25/2019	18	647	580	381
09/25/2019	19	647	588	381
09/25/2019	20	647	587	380
09/25/2019	21	647	612	371
09/25/2019	22	589	560	356
09/25/2019	23	550	510	333
09/25/2019	24	530	480	317
09/26/2019	1	647	460	308
09/26/2019	2	647	460	298
09/26/2019	3	647	460	291
09/26/2019	4	647	460	287
09/26/2019	5	647	460	293
09/26/2019	6	647	460	298
09/26/2019	7	647	473	303
09/26/2019	8	647	548	342
09/26/2019	9	647	578	375
09/26/2019	10	647	615	397
09/26/2019	11	647	615	405
09/26/2019	12	615	580	395
09/26/2019	13	615	520	391
09/26/2019	14	647	615	404
09/26/2019	15	647	615	401
09/26/2019	16	647	615	395
09/26/2019	17	615	547	380
09/26/2019	18	550	520	373
09/26/2019	19	615	551	382
09/26/2019	20	567	520	375
09/26/2019	21	566	500	366
09/26/2019	22	520	480	351
09/26/2019	23	560	460	334
09/26/2019	24	537	460	317
09/27/2019	1	597	480	300
09/27/2019	2	550	460	284
09/27/2019	3	510	460	274
09/27/2019	4	480	460	271
09/27/2019	5	510	460	273
09/27/2019	6	520	460	276
09/27/2019	7	571	460	281
09/27/2019	8	580	550	331
09/27/2019	9	615	580	374
09/27/2019	10	647	615	396
09/27/2019	11	647	615	407
09/27/2019	12	621	615	397
09/27/2019	13	647	615	399
09/27/2019	14	647	615	412
09/27/2019	15	647	615	409
09/27/2019	16	647	615	404
09/27/2019	17	580	547	383
09/27/2019	18	580	574	383

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/27/2019	19	647	615	387
09/27/2019	20	615	605	382
09/27/2019	21	548	500	376
09/27/2019	22	560	518	365
09/27/2019	23	480	460	340
09/27/2019	24	460	460	318
09/28/2019	1	600	585	308
09/28/2019	2	600	563	295
09/28/2019	3	521	510	290
09/28/2019	4	501	450	281
09/28/2019	5	540	459	281
09/28/2019	6	513	450	279
09/28/2019	7	571	486	285
09/28/2019	8	580	531	313
09/28/2019	9	582	580	343
09/28/2019	10	647	580	364
09/28/2019	11	622	611	374
09/28/2019	12	600	568	367
09/28/2019	13	580	515	363
09/28/2019	14	580	574	371
09/28/2019	15	594	580	365
09/28/2019	16	575	560	355
09/28/2019	17	500	463	344
09/28/2019	18	547	450	346
09/28/2019	19	580	550	355
09/28/2019	20	550	541	352
09/28/2019	21	526	500	347
09/28/2019	22	560	518	338
09/28/2019	23	480	420	322
09/28/2019	24	460	460	306
09/29/2019	1	550	460	290
09/29/2019	2	549	460	278
09/29/2019	3	510	460	271
09/29/2019	4	480	460	260
09/29/2019	5	510	460	258
09/29/2019	6	520	460	259
09/29/2019	7	500	460	263
09/29/2019	8	500	460	279
09/29/2019	9	540	460	310
09/29/2019	10	560	460	327
09/29/2019	11	580	460	338
09/29/2019	12	520	460	337
09/29/2019	13	500	460	339
09/29/2019	14	591	460	346
09/29/2019	15	590	460	345
09/29/2019	16	519	460	333
09/29/2019	17	460	450	325
09/29/2019	18	480	460	325
09/29/2019	19	580	480	347
09/29/2019	20	560	472	345
09/29/2019	21	550	460	339
09/29/2019	22	540	460	325
09/29/2019	23	463	460	312
09/29/2019	24	460	420	296
09/30/2019	1	560	460	288
09/30/2019	2	540	460	272
09/30/2019	3	480	460	262
09/30/2019	4	460	456	259
09/30/2019	5	489	460	261
09/30/2019	6	520	460	264
09/30/2019	7	460	450	269
09/30/2019	8	500	460	319
09/30/2019	9	647	615	375
09/30/2019	10	647	615	398
09/30/2019	11	647	615	409

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/30/2019	12	647	615	399
09/30/2019	13	647	615	400
09/30/2019	14	647	615	413
09/30/2019	15	647	615	411
09/30/2019	16	647	615	406
09/30/2019	17	647	615	384
09/30/2019	18	580	550	384
09/30/2019	19	580	480	389
09/30/2019	20	560	472	384
09/30/2019	21	550	460	378
09/30/2019	22	540	460	367
09/30/2019	23	463	460	341
09/30/2019	24	460	420	319
10/01/2019	1	580	520	316
10/01/2019	2	540	512	305
10/01/2019	3	500	460	297
10/01/2019	4	460	450	291
10/01/2019	5	500	460	296
10/01/2019	6	550	460	300
10/01/2019	7	460	450	302
10/01/2019	8	588	460	336
10/01/2019	9	630	490	373
10/01/2019	10	630	566	399
10/01/2019	11	630	601	411
10/01/2019	12	630	476	399
10/01/2019	13	567	460	399
10/01/2019	14	630	569	411
10/01/2019	15	630	560	409
10/01/2019	16	630	548	399
10/01/2019	17	615	483	387
10/01/2019	18	599	465	388
10/01/2019	19	595	480	391
10/01/2019	20	560	460	385
10/01/2019	21	550	460	377
10/01/2019	22	540	460	361
10/01/2019	23	463	460	339
10/01/2019	24	460	420	321
10/02/2019	1	608	520	314
10/02/2019	2	574	490	303
10/02/2019	3	536	460	295
10/02/2019	4	488	460	290
10/02/2019	5	531	460	296
10/02/2019	6	586	460	300
10/02/2019	7	471	460	297
10/02/2019	8	630	469	336
10/02/2019	9	630	527	370
10/02/2019	10	630	533	392
10/02/2019	11	630	602	406
10/02/2019	12	630	553	397
10/02/2019	13	630	563	401
10/02/2019	14	647	630	416
10/02/2019	15	647	630	413
10/02/2019	16	647	630	409
10/02/2019	17	583	577	394
10/02/2019	18	576	534	388
10/02/2019	19	630	553	394
10/02/2019	20	630	489	387
10/02/2019	21	630	483	382
10/02/2019	22	630	460	366
10/02/2019	23	583	460	346
10/02/2019	24	460	450	327
10/03/2019	1	612	556	320
10/03/2019	2	596	528	310
10/03/2019	3	500	460	301
10/03/2019	4	481	460	297

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/03/2019	5	600	549	303
10/03/2019	6	600	592	308
10/03/2019	7	486	481	315
10/03/2019	8	630	615	353
10/03/2019	9	647	630	389
10/03/2019	10	647	630	412
10/03/2019	11	647	630	421
10/03/2019	12	647	630	410
10/03/2019	13	631	630	409
10/03/2019	14	647	630	421
10/03/2019	15	647	630	418
10/03/2019	16	647	630	414
10/03/2019	17	630	625	397
10/03/2019	18	600	594	392
10/03/2019	19	647	630	400
10/03/2019	20	590	531	394
10/03/2019	21	590	522	386
10/03/2019	22	570	488	372
10/03/2019	23	575	480	352
10/03/2019	24	575	480	335
10/04/2019	1	570	550	308
10/04/2019	2	530	510	299
10/04/2019	3	500	470	290
10/04/2019	4	470	460	283
10/04/2019	5	490	460	282
10/04/2019	6	491	460	285
10/04/2019	7	460	430	278
10/04/2019	8	630	550	325
10/04/2019	9	647	630	359
10/04/2019	10	647	630	378
10/04/2019	11	647	630	390
10/04/2019	12	574	550	384
10/04/2019	13	630	536	385
10/04/2019	14	647	630	400
10/04/2019	15	630	614	395
10/04/2019	16	630	579	388
10/04/2019	17	580	550	372
10/04/2019	18	622	600	372
10/04/2019	19	584	550	375
10/04/2019	20	535	500	371
10/04/2019	21	530	500	367
10/04/2019	22	570	488	350
10/04/2019	23	550	480	335
10/04/2019	24	484	460	319
10/05/2019	1	599	545	313
10/05/2019	2	580	525	301
10/05/2019	3	550	505	292
10/05/2019	4	500	480	284
10/05/2019	5	500	480	282
10/05/2019	6	500	460	278
10/05/2019	7	460	426	281
10/05/2019	8	531	507	311
10/05/2019	9	562	550	342
10/05/2019	10	606	565	368
10/05/2019	11	645	600	381
10/05/2019	12	596	556	374
10/05/2019	13	579	550	373
10/05/2019	14	647	616	384
10/05/2019	15	625	580	380
10/05/2019	16	600	584	368
10/05/2019	17	590	584	352
10/05/2019	18	610	585	361
10/05/2019	19	640	600	370
10/05/2019	20	632	600	369
10/05/2019	21	572	555	368

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/05/2019	22	569	550	358
10/05/2019	23	555	520	341
10/05/2019	24	549	500	325
10/06/2019	1	570	520	288
10/06/2019	2	550	503	277
10/06/2019	3	516	460	270
10/06/2019	4	460	450	260
10/06/2019	5	470	460	258
10/06/2019	6	480	460	258
10/06/2019	7	492	460	263
10/06/2019	8	550	460	279
10/06/2019	9	630	527	310
10/06/2019	10	630	577	327
10/06/2019	11	630	535	338
10/06/2019	12	630	574	337
10/06/2019	13	630	570	339
10/06/2019	14	647	630	346
10/06/2019	15	647	630	345
10/06/2019	16	630	579	333
10/06/2019	17	580	550	325
10/06/2019	18	600	559	325
10/06/2019	19	647	630	346
10/06/2019	20	647	630	345
10/06/2019	21	630	580	339
10/06/2019	22	630	537	325
10/06/2019	23	547	460	312
10/06/2019	24	460	460	296
10/07/2019	1	590	550	288
10/07/2019	2	520	480	272
10/07/2019	3	470	460	262
10/07/2019	4	460	450	259
10/07/2019	5	470	460	261
10/07/2019	6	480	460	264
10/07/2019	7	492	460	269
10/07/2019	8	599	580	319
10/07/2019	9	647	630	378
10/07/2019	10	647	630	400
10/07/2019	11	647	630	411
10/07/2019	12	647	630	402
10/07/2019	13	647	630	403
10/07/2019	14	647	630	416
10/07/2019	15	647	630	413
10/07/2019	16	647	630	408
10/07/2019	17	647	630	387
10/07/2019	18	647	630	387
10/07/2019	19	647	630	392
10/07/2019	20	647	630	386
10/07/2019	21	647	630	380
10/07/2019	22	647	630	369
10/07/2019	23	550	460	344
10/07/2019	24	460	460	322
10/08/2019	1	647	460	314
10/08/2019	2	580	460	303
10/08/2019	3	520	460	294
10/08/2019	4	500	460	289
10/08/2019	5	550	480	296
10/08/2019	6	580	500	299
10/08/2019	7	550	460	299
10/08/2019	8	632	630	339
10/08/2019	9	647	630	376
10/08/2019	10	647	630	399
10/08/2019	11	647	630	410
10/08/2019	12	647	630	405
10/08/2019	13	647	630	405
10/08/2019	14	647	630	418

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/08/2019	15	647	630	412
10/08/2019	16	647	630	405
10/08/2019	17	647	630	391
10/08/2019	18	647	630	391
10/08/2019	19	647	630	395
10/08/2019	20	647	630	389
10/08/2019	21	647	630	384
10/08/2019	22	647	618	368
10/08/2019	23	585	460	347
10/08/2019	24	555	460	330
10/09/2019	1	600	460	308
10/09/2019	2	580	460	299
10/09/2019	3	520	460	290
10/09/2019	4	500	460	284
10/09/2019	5	550	460	290
10/09/2019	6	580	460	290
10/09/2019	7	540	460	291
10/09/2019	8	632	550	334
10/09/2019	9	647	580	369
10/09/2019	10	647	580	392
10/09/2019	11	647	630	402
10/09/2019	12	647	575	393
10/09/2019	13	647	630	396
10/09/2019	14	647	630	407
10/09/2019	15	647	630	406
10/09/2019	16	647	630	398
10/09/2019	17	647	576	381
10/09/2019	18	647	618	382
10/09/2019	19	647	561	384
10/09/2019	20	580	550	378
10/09/2019	21	570	500	372
10/09/2019	22	530	480	356
10/09/2019	23	500	460	338
10/09/2019	24	460	450	320
10/10/2019	1	600	550	314
10/10/2019	2	580	520	305
10/10/2019	3	550	491	296
10/10/2019	4	520	460	291
10/10/2019	5	540	500	295
10/10/2019	6	560	500	297
10/10/2019	7	560	481	301
10/10/2019	8	630	619	341
10/10/2019	9	647	630	379
10/10/2019	10	647	630	402
10/10/2019	11	647	630	415
10/10/2019	12	630	580	404
10/10/2019	13	630	581	408
10/10/2019	14	647	630	420
10/10/2019	15	647	630	418
10/10/2019	16	647	630	413
10/10/2019	17	580	550	396
10/10/2019	18	647	565	398
10/10/2019	19	647	550	397
10/10/2019	20	647	539	395
10/10/2019	21	626	500	389
10/10/2019	22	562	500	375
10/10/2019	23	500	460	354
10/10/2019	24	460	460	338
10/11/2019	1	600	499	312
10/11/2019	2	600	460	304
10/11/2019	3	545	460	297
10/11/2019	4	495	460	291
10/11/2019	5	460	419	296
10/11/2019	6	460	415	298
10/11/2019	7	460	415	304

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/11/2019	8	572	460	342
10/11/2019	9	590	550	379
10/11/2019	10	600	590	400
10/11/2019	11	610	600	410
10/11/2019	12	580	543	401
10/11/2019	13	581	565	400
10/11/2019	14	647	630	414
10/11/2019	15	600	598	409
10/11/2019	16	600	590	403
10/11/2019	17	600	550	384
10/11/2019	18	600	565	382
10/11/2019	19	600	550	385
10/11/2019	20	564	539	381
10/11/2019	21	595	540	375
10/11/2019	22	562	500	363
10/11/2019	23	500	460	342
10/11/2019	24	490	460	327
10/12/2019	1	647	460	328
10/12/2019	2	647	460	309
10/12/2019	3	647	460	300
10/12/2019	4	647	460	292
10/12/2019	5	647	460	291
10/12/2019	6	647	460	287
10/12/2019	7	647	460	295
10/12/2019	8	647	460	319
10/12/2019	9	647	460	348
10/12/2019	10	647	460	374
10/12/2019	11	647	460	386
10/12/2019	12	647	460	381
10/12/2019	13	647	460	379
10/12/2019	14	647	460	392
10/12/2019	15	647	460	386
10/12/2019	16	647	460	376
10/12/2019	17	647	460	362
10/12/2019	18	647	460	372
10/12/2019	19	647	460	378
10/12/2019	20	647	460	378
10/12/2019	21	647	460	374
10/12/2019	22	647	460	363
10/12/2019	23	647	460	346
10/12/2019	24	647	460	329
10/13/2019	1	647	460	292
10/13/2019	2	647	460	281
10/13/2019	3	647	460	274
10/13/2019	4	586	460	264
10/13/2019	5	550	460	263
10/13/2019	6	550	460	258
10/13/2019	7	647	460	267
10/13/2019	8	647	460	287
10/13/2019	9	647	460	316
10/13/2019	10	647	460	333
10/13/2019	11	647	460	344
10/13/2019	12	647	460	343
10/13/2019	13	647	460	345
10/13/2019	14	647	460	352
10/13/2019	15	626	460	351
10/13/2019	16	640	460	339
10/13/2019	17	647	460	331
10/13/2019	18	647	460	331
10/13/2019	19	647	460	352
10/13/2019	20	647	460	351
10/13/2019	21	647	460	345
10/13/2019	22	562	460	331
10/13/2019	23	500	460	318
10/13/2019	24	490	460	302

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/14/2019	1	580	500	288
10/14/2019	2	550	460	272
10/14/2019	3	500	460	262
10/14/2019	4	480	460	258
10/14/2019	5	520	460	261
10/14/2019	6	530	460	263
10/14/2019	7	550	480	269
10/14/2019	8	647	630	319
10/14/2019	9	647	630	379
10/14/2019	10	647	630	402
10/14/2019	11	647	630	413
10/14/2019	12	647	630	403
10/14/2019	13	647	630	405
10/14/2019	14	647	630	417
10/14/2019	15	630	626	415
10/14/2019	16	640	630	410
10/14/2019	17	647	630	388
10/14/2019	18	647	630	389
10/14/2019	19	647	630	393
10/14/2019	20	647	630	388
10/14/2019	21	647	630	382
10/14/2019	22	630	562	371
10/14/2019	23	630	500	346
10/14/2019	24	580	490	323
10/15/2019	1	647	460	310
10/15/2019	2	647	460	301
10/15/2019	3	570	460	291
10/15/2019	4	480	460	286
10/15/2019	5	520	460	292
10/15/2019	6	530	460	294
10/15/2019	7	610	460	303
10/15/2019	8	647	460	335
10/15/2019	9	647	460	371
10/15/2019	10	647	460	395
10/15/2019	11	647	460	405
10/15/2019	12	647	460	399
10/15/2019	13	647	460	398
10/15/2019	14	647	460	412
10/15/2019	15	626	460	409
10/15/2019	16	640	460	406
10/15/2019	17	647	460	388
10/15/2019	18	647	460	392
10/15/2019	19	647	460	392
10/15/2019	20	647	460	386
10/15/2019	21	647	460	383
10/15/2019	22	647	460	368
10/15/2019	23	647	460	349
10/15/2019	24	647	460	334
10/16/2019	1	647	460	301
10/16/2019	2	647	460	292
10/16/2019	3	565	460	284
10/16/2019	4	477	460	279
10/16/2019	5	578	460	286
10/16/2019	6	578	460	292
10/16/2019	7	608	460	296
10/16/2019	8	647	460	335
10/16/2019	9	647	460	368
10/16/2019	10	647	460	391
10/16/2019	11	647	460	404
10/16/2019	12	615	460	396
10/16/2019	13	583	460	395
10/16/2019	14	647	460	411
10/16/2019	15	624	460	406
10/16/2019	16	580	460	397
10/16/2019	17	500	460	380

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/16/2019	18	486	460	382
10/16/2019	19	550	460	378
10/16/2019	20	510	460	372
10/16/2019	21	500	460	362
10/16/2019	22	480	460	346
10/16/2019	23	460	460	330
10/16/2019	24	460	420	313
10/17/2019	1	590	460	311
10/17/2019	2	560	460	302
10/17/2019	3	520	460	292
10/17/2019	4	460	458	288
10/17/2019	5	550	460	294
10/17/2019	6	560	460	296
10/17/2019	7	570	460	296
10/17/2019	8	570	460	338
10/17/2019	9	580	460	369
10/17/2019	10	647	460	396
10/17/2019	11	647	460	408
10/17/2019	12	612	460	398
10/17/2019	13	647	460	401
10/17/2019	14	647	460	415
10/17/2019	15	647	460	411
10/17/2019	16	647	460	407
10/17/2019	17	647	460	389
10/17/2019	18	500	460	391
10/17/2019	19	580	460	393
10/17/2019	20	550	460	388
10/17/2019	21	529	460	384
10/17/2019	22	545	460	371
10/17/2019	23	460	450	348
10/17/2019	24	460	440	333
10/18/2019	1	590	460	325
10/18/2019	2	520	460	308
10/18/2019	3	490	460	293
10/18/2019	4	460	450	288
10/18/2019	5	480	460	291
10/18/2019	6	520	460	295
10/18/2019	7	510	460	309
10/18/2019	8	570	460	345
10/18/2019	9	647	460	375
10/18/2019	10	647	460	397
10/18/2019	11	647	460	407
10/18/2019	12	612	460	401
10/18/2019	13	647	460	402
10/18/2019	14	647	460	413
10/18/2019	15	647	460	405
10/18/2019	16	647	460	399
10/18/2019	17	647	460	383
10/18/2019	18	500	460	387
10/18/2019	19	580	460	388
10/18/2019	20	538	460	383
10/18/2019	21	528	460	377
10/18/2019	22	525	460	362
10/18/2019	23	519	460	352
10/18/2019	24	476	460	334
10/19/2019	1	590	455	323
10/19/2019	2	590	455	318
10/19/2019	3	539	455	308
10/19/2019	4	475	455	300
10/19/2019	5	517	455	301
10/19/2019	6	514	455	296
10/19/2019	7	554	455	295
10/19/2019	8	564	455	322
10/19/2019	9	580	455	354
10/19/2019	10	647	455	378

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/19/2019	11	647	460	389
10/19/2019	12	600	460	384
10/19/2019	13	600	460	382
10/19/2019	14	647	460	392
10/19/2019	15	600	460	386
10/19/2019	16	600	460	376
10/19/2019	17	550	460	362
10/19/2019	18	500	460	366
10/19/2019	19	573	460	370
10/19/2019	20	553	460	367
10/19/2019	21	550	460	364
10/19/2019	22	500	460	359
10/19/2019	23	460	455	343
10/19/2019	24	460	455	326
10/20/2019	1	554	460	288
10/20/2019	2	500	460	277
10/20/2019	3	480	460	270
10/20/2019	4	460	420	260
10/20/2019	5	460	450	258
10/20/2019	6	480	460	258
10/20/2019	7	490	460	263
10/20/2019	8	500	460	279
10/20/2019	9	525	460	297
10/20/2019	10	550	460	314
10/20/2019	11	608	460	325
10/20/2019	12	576	460	324
10/20/2019	13	629	460	326
10/20/2019	14	647	460	333
10/20/2019	15	647	460	332
10/20/2019	16	550	460	320
10/20/2019	17	504	460	312
10/20/2019	18	500	460	312
10/20/2019	19	647	550	333
10/20/2019	20	647	500	332
10/20/2019	21	592	500	326
10/20/2019	22	520	460	312
10/20/2019	23	460	420	299
10/20/2019	24	460	420	283
10/21/2019	1	567	460	288
10/21/2019	2	550	460	272
10/21/2019	3	500	460	262
10/21/2019	4	460	420	258
10/21/2019	5	466	460	261
10/21/2019	6	480	460	263
10/21/2019	7	460	460	269
10/21/2019	8	605	460	319
10/21/2019	9	647	460	376
10/21/2019	10	647	460	398
10/21/2019	11	647	460	409
10/21/2019	12	647	460	400
10/21/2019	13	647	460	401
10/21/2019	14	647	460	414
10/21/2019	15	647	460	411
10/21/2019	16	580	460	406
10/21/2019	17	520	460	385
10/21/2019	18	530	460	385
10/21/2019	19	647	460	390
10/21/2019	20	647	460	384
10/21/2019	21	580	460	378
10/21/2019	22	574	460	367
10/21/2019	23	550	460	342
10/21/2019	24	498	460	320
10/22/2019	1	617	460	318
10/22/2019	2	601	460	303
10/22/2019	3	500	460	281

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/22/2019	4	460	420	275
10/22/2019	5	466	460	281
10/22/2019	6	480	460	285
10/22/2019	7	460	460	285
10/22/2019	8	605	460	340
10/22/2019	9	647	460	384
10/22/2019	10	647	460	407
10/22/2019	11	647	460	417
10/22/2019	12	647	460	411
10/22/2019	13	647	460	413
10/22/2019	14	647	460	428
10/22/2019	15	647	460	422
10/22/2019	16	580	460	416
10/22/2019	17	460	449	399
10/22/2019	18	548	460	401
10/22/2019	19	558	460	402
10/22/2019	20	636	460	397
10/22/2019	21	550	460	392
10/22/2019	22	500	460	376
10/22/2019	23	464	460	350
10/22/2019	24	460	450	327
10/23/2019	1	647	460	318
10/23/2019	2	647	460	306
10/23/2019	3	647	460	299
10/23/2019	4	647	460	292
10/23/2019	5	647	460	296
10/23/2019	6	647	460	300
10/23/2019	7	647	460	306
10/23/2019	8	647	460	345
10/23/2019	9	647	460	380
10/23/2019	10	647	460	402
10/23/2019	11	647	460	416
10/23/2019	12	647	460	409
10/23/2019	13	647	460	411
10/23/2019	14	647	460	421
10/23/2019	15	647	460	411
10/23/2019	16	580	460	394
10/23/2019	17	533	460	378
10/23/2019	18	578	460	384
10/23/2019	19	647	460	378
10/23/2019	20	647	460	372
10/23/2019	21	550	460	366
10/23/2019	22	500	460	348
10/23/2019	23	480	460	331
10/23/2019	24	460	450	315
10/24/2019	1	590	460	317
10/24/2019	2	580	460	307
10/24/2019	3	550	460	298
10/24/2019	4	504	460	293
10/24/2019	5	505	460	296
10/24/2019	6	509	460	297
10/24/2019	7	539	460	305
10/24/2019	8	556	460	342
10/24/2019	9	647	460	379
10/24/2019	10	647	460	403
10/24/2019	11	647	460	416
10/24/2019	12	647	460	408
10/24/2019	13	647	460	408
10/24/2019	14	647	460	425
10/24/2019	15	647	460	418
10/24/2019	16	647	460	412
10/24/2019	17	524	460	394
10/24/2019	18	640	460	403
10/24/2019	19	647	460	396
10/24/2019	20	535	460	393

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/24/2019	21	525	460	385
10/24/2019	22	507	460	369
10/24/2019	23	465	460	352
10/24/2019	24	460	438	335
10/25/2019	1	647	460	325
10/25/2019	2	600	460	313
10/25/2019	3	580	460	304
10/25/2019	4	520	460	299
10/25/2019	5	540	460	303
10/25/2019	6	550	460	307
10/25/2019	7	580	460	311
10/25/2019	8	647	460	350
10/25/2019	9	647	460	386
10/25/2019	10	647	460	408
10/25/2019	11	647	460	420
10/25/2019	12	647	460	413
10/25/2019	13	647	460	415
10/25/2019	14	647	460	429
10/25/2019	15	647	460	425
10/25/2019	16	647	460	419
10/25/2019	17	647	460	400
10/25/2019	18	647	460	406
10/25/2019	19	647	460	401
10/25/2019	20	572	460	396
10/25/2019	21	543	460	389
10/25/2019	22	534	460	376
10/25/2019	23	520	460	359
10/25/2019	24	460	430	343
10/26/2019	1	600	460	323
10/26/2019	2	600	460	307
10/26/2019	3	580	460	299
10/26/2019	4	520	460	290
10/26/2019	5	540	460	289
10/26/2019	6	550	460	284
10/26/2019	7	602	460	286
10/26/2019	8	605	460	317
10/26/2019	9	647	460	351
10/26/2019	10	647	460	377
10/26/2019	11	647	460	388
10/26/2019	12	624	460	383
10/26/2019	13	600	460	381
10/26/2019	14	647	460	392
10/26/2019	15	647	460	388
10/26/2019	16	600	460	378
10/26/2019	17	600	460	363
10/26/2019	18	600	460	372
10/26/2019	19	647	460	377
10/26/2019	20	647	460	376
10/26/2019	21	647	460	373
10/26/2019	22	647	460	363
10/26/2019	23	540	460	343
10/26/2019	24	540	460	324
10/27/2019	1	570	460	294
10/27/2019	2	534	460	282
10/27/2019	3	520	460	276
10/27/2019	4	472	460	265
10/27/2019	5	470	460	264
10/27/2019	6	460	420	260
10/27/2019	7	460	435	268
10/27/2019	8	520	460	288
10/27/2019	9	530	460	314
10/27/2019	10	550	460	331
10/27/2019	11	576	460	342
10/27/2019	12	565	460	341
10/27/2019	13	570	460	343

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/27/2019	14	647	460	349
10/27/2019	15	647	460	349
10/27/2019	16	569	460	337
10/27/2019	17	550	460	329
10/27/2019	18	647	460	350
10/27/2019	19	647	460	350
10/27/2019	20	647	460	349
10/27/2019	21	607	460	343
10/27/2019	22	500	460	329
10/27/2019	23	460	450	316
10/27/2019	24	460	420	300
10/28/2019	1	560	460	288
10/28/2019	2	520	460	272
10/28/2019	3	500	460	262
10/28/2019	4	460	460	258
10/28/2019	5	470	460	261
10/28/2019	6	480	460	263
10/28/2019	7	490	460	269
10/28/2019	8	576	460	319
10/28/2019	9	629	460	365
10/28/2019	10	647	460	396
10/28/2019	11	647	460	406
10/28/2019	12	580	460	400
10/28/2019	13	563	460	402
10/28/2019	14	647	460	415
10/28/2019	15	647	460	409
10/28/2019	16	647	460	405
10/28/2019	17	550	460	386
10/28/2019	18	647	460	389
10/28/2019	19	647	460	390
10/28/2019	20	647	460	385
10/28/2019	21	647	460	379
10/28/2019	22	647	460	363
10/28/2019	23	460	460	344
10/28/2019	24	460	455	328
10/29/2019	1	590	460	308
10/29/2019	2	550	460	298
10/29/2019	3	510	460	289
10/29/2019	4	470	460	284
10/29/2019	5	480	460	289
10/29/2019	6	470	460	291
10/29/2019	7	549	460	295
10/29/2019	8	576	460	331
10/29/2019	9	580	460	368
10/29/2019	10	590	460	390
10/29/2019	11	600	460	398
10/29/2019	12	550	460	393
10/29/2019	13	520	460	394
10/29/2019	14	647	460	409
10/29/2019	15	647	460	406
10/29/2019	16	647	460	403
10/29/2019	17	647	460	385
10/29/2019	18	647	460	389
10/29/2019	19	647	460	388
10/29/2019	20	590	460	383
10/29/2019	21	580	460	379
10/29/2019	22	523	460	365
10/29/2019	23	520	460	347
10/29/2019	24	460	455	331
10/30/2019	1	590	460	309
10/30/2019	2	550	460	301
10/30/2019	3	510	460	291
10/30/2019	4	490	460	286
10/30/2019	5	480	460	292
10/30/2019	6	519	460	293

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/30/2019	7	558	460	298
10/30/2019	8	590	460	334
10/30/2019	9	600	460	371
10/30/2019	10	601	460	389
10/30/2019	11	610	460	400
10/30/2019	12	563	460	393
10/30/2019	13	560	460	396
10/30/2019	14	647	460	407
10/30/2019	15	647	460	403
10/30/2019	16	615	460	397
10/30/2019	17	580	460	380
10/30/2019	18	590	460	385
10/30/2019	19	580	460	382
10/30/2019	20	550	460	378
10/30/2019	21	550	460	369
10/30/2019	22	550	460	356
10/30/2019	23	550	460	341
10/30/2019	24	550	460	325
10/31/2019	1	580	460	300
10/31/2019	2	550	460	290
10/31/2019	3	547	460	281
10/31/2019	4	460	455	276
10/31/2019	5	480	460	281
10/31/2019	6	500	460	283
10/31/2019	7	520	460	287
10/31/2019	8	550	460	323
10/31/2019	9	570	460	354
10/31/2019	10	580	460	376
10/31/2019	11	590	460	384
10/31/2019	12	520	460	379
10/31/2019	13	500	460	379
10/31/2019	14	592	460	395
10/31/2019	15	580	460	391
10/31/2019	16	550	460	389
10/31/2019	17	500	460	371
10/31/2019	18	510	460	375
10/31/2019	19	530	460	374
10/31/2019	20	500	460	369
10/31/2019	21	480	460	365
10/31/2019	22	460	455	350
10/31/2019	23	460	455	333
10/31/2019	24	460	455	316
11/01/2019	1	570	460	284
11/01/2019	2	550	460	273
11/01/2019	3	530	460	266
11/01/2019	4	480	460	256
11/01/2019	5	480	460	254
11/01/2019	6	500	460	254
11/01/2019	7	500	460	259
11/01/2019	8	510	460	275
11/01/2019	9	540	460	286
11/01/2019	10	550	460	303
11/01/2019	11	550	460	314
11/01/2019	12	465	460	313
11/01/2019	13	460	455	315
11/01/2019	14	550	460	321
11/01/2019	15	500	460	320
11/01/2019	16	480	460	309
11/01/2019	17	460	455	300
11/01/2019	18	460	455	300
11/01/2019	19	500	460	322
11/01/2019	20	480	460	321
11/01/2019	21	470	460	314
11/01/2019	22	467	460	301
11/01/2019	23	460	460	287

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/01/2019	24	460	455	271
11/02/2019	1	570	455	288
11/02/2019	2	550	455	278
11/02/2019	3	530	455	268
11/02/2019	4	500	455	260
11/02/2019	5	509	455	258
11/02/2019	6	475	455	255
11/02/2019	7	455	450	244
11/02/2019	8	455	450	260
11/02/2019	9	500	455	286
11/02/2019	10	550	455	312
11/02/2019	11	550	455	322
11/02/2019	12	501	455	324
11/02/2019	13	501	455	326
11/02/2019	14	550	455	333
11/02/2019	15	517	455	329
11/02/2019	16	525	455	325
11/02/2019	17	500	455	317
11/02/2019	18	550	460	341
11/02/2019	19	550	460	342
11/02/2019	20	550	460	344
11/02/2019	21	500	460	340
11/02/2019	22	500	460	329
11/02/2019	23	500	455	314
11/02/2019	24	500	455	301
11/03/2019	1	590	460	288
11/03/2019	2	570	460	277
11/03/2019	3	550	460	270
11/03/2019	4	480	460	259
11/03/2019	5	460	455	258
11/03/2019	6	460	455	258
11/03/2019	7	472	460	262
11/03/2019	8	598	460	278
11/03/2019	9	626	460	297
11/03/2019	10	647	460	314
11/03/2019	11	647	460	324
11/03/2019	12	545	460	324
11/03/2019	13	592	460	325
11/03/2019	14	647	460	332
11/03/2019	15	647	460	331
11/03/2019	16	622	460	320
11/03/2019	17	550	460	311
11/03/2019	18	540	460	311
11/03/2019	19	647	460	332
11/03/2019	20	647	460	332
11/03/2019	21	585	460	325
11/03/2019	22	500	460	312
11/03/2019	23	460	455	298
11/03/2019	24	460	455	282
11/04/2019	1	580	460	285
11/04/2019	2	520	460	264
11/04/2019	3	480	460	255
11/04/2019	4	460	455	254
11/04/2019	5	460	455	254
11/04/2019	6	460	455	255
11/04/2019	7	472	460	271
11/04/2019	8	580	460	326
11/04/2019	9	647	460	364
11/04/2019	10	647	460	389
11/04/2019	11	647	460	400
11/04/2019	12	647	460	393
11/04/2019	13	647	460	396
11/04/2019	14	647	460	408
11/04/2019	15	647	460	403
11/04/2019	16	647	460	397

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/04/2019	17	647	460	380
11/04/2019	18	647	460	385
11/04/2019	19	647	460	382
11/04/2019	20	647	460	378
11/04/2019	21	647	460	369
11/04/2019	22	647	460	356
11/04/2019	23	555	460	341
11/04/2019	24	460	455	325
11/05/2019	1	460	455	302
11/05/2019	2	460	455	291
11/05/2019	3	460	455	283
11/05/2019	4	460	455	279
11/05/2019	5	460	455	284
11/05/2019	6	460	455	288
11/05/2019	7	469	460	293
11/05/2019	8	580	460	330
11/05/2019	9	647	460	367
11/05/2019	10	647	460	387
11/05/2019	11	647	460	401
11/05/2019	12	647	460	394
11/05/2019	13	647	460	394
11/05/2019	14	647	460	408
11/05/2019	15	647	460	402
11/05/2019	16	647	460	396
11/05/2019	17	647	460	380
11/05/2019	18	647	460	392
11/05/2019	19	647	460	384
11/05/2019	20	647	460	379
11/05/2019	21	580	460	369
11/05/2019	22	550	460	353
11/05/2019	23	500	460	333
11/05/2019	24	460	455	315
11/06/2019	1	647	460	317
11/06/2019	2	575	460	304
11/06/2019	3	500	460	295
11/06/2019	4	480	460	289
11/06/2019	5	500	460	294
11/06/2019	6	550	460	296
11/06/2019	7	570	460	296
11/06/2019	8	590	460	339
11/06/2019	9	647	460	375
11/06/2019	10	647	460	394
11/06/2019	11	647	460	406
11/06/2019	12	647	460	399
11/06/2019	13	647	460	399
11/06/2019	14	647	460	411
11/06/2019	15	647	460	408
11/06/2019	16	647	460	403
11/06/2019	17	647	460	385
11/06/2019	18	647	460	389
11/06/2019	19	647	460	386
11/06/2019	20	609	460	381
11/06/2019	21	573	460	375
11/06/2019	22	510	460	361
11/06/2019	23	506	460	343
11/06/2019	24	460	455	325
11/07/2019	1	647	460	308
11/07/2019	2	647	460	298
11/07/2019	3	575	460	290
11/07/2019	4	480	460	285
11/07/2019	5	520	460	289
11/07/2019	6	550	460	291
11/07/2019	7	590	460	305
11/07/2019	8	590	460	333
11/07/2019	9	647	460	365

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/07/2019	10	647	460	388
11/07/2019	11	647	460	402
11/07/2019	12	647	460	393
11/07/2019	13	647	460	394
11/07/2019	14	647	460	409
11/07/2019	15	647	460	402
11/07/2019	16	647	460	398
11/07/2019	17	617	460	381
11/07/2019	18	647	460	386
11/07/2019	19	647	460	383
11/07/2019	20	580	460	378
11/07/2019	21	526	460	374
11/07/2019	22	500	460	361
11/07/2019	23	480	460	341
11/07/2019	24	460	455	325
11/08/2019	1	647	460	309
11/08/2019	2	647	460	295
11/08/2019	3	500	460	290
11/08/2019	4	500	460	283
11/08/2019	5	496	460	281
11/08/2019	6	500	460	280
11/08/2019	7	500	460	286
11/08/2019	8	500	460	313
11/08/2019	9	600	460	343
11/08/2019	10	647	460	366
11/08/2019	11	647	460	378
11/08/2019	12	647	460	369
11/08/2019	13	647	460	367
11/08/2019	14	647	460	377
11/08/2019	15	647	460	372
11/08/2019	16	550	460	362
11/08/2019	17	500	460	348
11/08/2019	18	589	460	358
11/08/2019	19	647	460	361
11/08/2019	20	647	460	359
11/08/2019	21	637	460	357
11/08/2019	22	545	460	346
11/08/2019	23	536	460	330
11/08/2019	24	485	460	315
11/09/2019	1	647	460	309
11/09/2019	2	647	460	295
11/09/2019	3	500	460	290
11/09/2019	4	500	460	283
11/09/2019	5	496	460	281
11/09/2019	6	500	460	280
11/09/2019	7	500	460	286
11/09/2019	8	500	460	313
11/09/2019	9	600	460	343
11/09/2019	10	647	460	366
11/09/2019	11	647	460	378
11/09/2019	12	647	460	369
11/09/2019	13	647	460	367
11/09/2019	14	647	460	377
11/09/2019	15	647	460	372
11/09/2019	16	550	460	362
11/09/2019	17	500	460	348
11/09/2019	18	589	460	358
11/09/2019	19	647	460	361
11/09/2019	20	647	460	359
11/09/2019	21	637	460	357
11/09/2019	22	545	460	346
11/09/2019	23	536	460	330
11/09/2019	24	485	460	315
11/10/2019	1	647	460	292
11/10/2019	2	580	460	281

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/10/2019	3	550	460	274
11/10/2019	4	460	455	263
11/10/2019	5	460	455	262
11/10/2019	6	460	455	262
11/10/2019	7	460	455	266
11/10/2019	8	498	460	282
11/10/2019	9	570	460	306
11/10/2019	10	580	460	323
11/10/2019	11	590	460	333
11/10/2019	12	580	460	333
11/10/2019	13	550	460	330
11/10/2019	14	590	460	337
11/10/2019	15	580	460	336
11/10/2019	16	500	460	325
11/10/2019	17	480	460	316
11/10/2019	18	580	460	341
11/10/2019	19	647	460	341
11/10/2019	20	647	460	341
11/10/2019	21	580	460	334
11/10/2019	22	469	460	321
11/10/2019	23	460	457	307
11/10/2019	24	460	455	291
11/11/2019	1	550	460	288
11/11/2019	2	500	460	277
11/11/2019	3	460	460	270
11/11/2019	4	460	455	259
11/11/2019	5	460	455	258
11/11/2019	6	460	455	258
11/11/2019	7	460	455	262
11/11/2019	8	470	460	310
11/11/2019	9	538	460	353
11/11/2019	10	612	460	382
11/11/2019	11	647	460	397
11/11/2019	12	647	460	388
11/11/2019	13	647	460	388
11/11/2019	14	647	460	401
11/11/2019	15	647	460	395
11/11/2019	16	647	460	390
11/11/2019	17	575	460	374
11/11/2019	18	647	460	381
11/11/2019	19	647	460	375
11/11/2019	20	647	460	370
11/11/2019	21	616	460	364
11/11/2019	22	544	460	349
11/11/2019	23	500	460	334
11/11/2019	24	480	460	317
11/12/2019	1	580	460	300
11/12/2019	2	550	460	291
11/12/2019	3	460	456	281
11/12/2019	4	460	455	278
11/12/2019	5	460	455	283
11/12/2019	6	500	460	288
11/12/2019	7	570	460	293
11/12/2019	8	597	460	329
11/12/2019	9	647	460	365
11/12/2019	10	647	460	385
11/12/2019	11	647	460	398
11/12/2019	12	647	460	389
11/12/2019	13	647	460	387
11/12/2019	14	647	460	401
11/12/2019	15	647	460	395
11/12/2019	16	647	460	392
11/12/2019	17	596	460	377
11/12/2019	18	647	460	389
11/12/2019	19	647	460	380

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/12/2019	20	647	460	375
11/12/2019	21	580	460	365
11/12/2019	22	550	460	344
11/12/2019	23	460	455	327
11/12/2019	24	460	455	310
11/13/2019	1	647	460	301
11/13/2019	2	617	460	293
11/13/2019	3	550	460	282
11/13/2019	4	500	460	277
11/13/2019	5	550	460	280
11/13/2019	6	580	460	282
11/13/2019	7	647	460	289
11/13/2019	8	647	460	325
11/13/2019	9	647	460	361
11/13/2019	10	647	460	382
11/13/2019	11	647	460	392
11/13/2019	12	647	460	386
11/13/2019	13	647	460	390
11/13/2019	14	647	460	402
11/13/2019	15	647	460	398
11/13/2019	16	647	460	393
11/13/2019	17	550	460	377
11/13/2019	18	647	460	380
11/13/2019	19	647	460	376
11/13/2019	20	647	460	372
11/13/2019	21	647	460	365
11/13/2019	22	647	460	352
11/13/2019	23	578	460	337
11/13/2019	24	504	460	320
11/14/2019	1	647	460	289
11/14/2019	2	617	460	282
11/14/2019	3	569	460	271
11/14/2019	4	500	460	269
11/14/2019	5	550	460	273
11/14/2019	6	580	460	275
11/14/2019	7	647	460	280
11/14/2019	8	647	460	312
11/14/2019	9	647	460	344
11/14/2019	10	647	460	366
11/14/2019	11	647	460	378
11/14/2019	12	647	460	370
11/14/2019	13	647	460	370
11/14/2019	14	647	460	382
11/14/2019	15	647	460	376
11/14/2019	16	647	460	371
11/14/2019	17	550	460	355
11/14/2019	18	647	460	362
11/14/2019	19	647	460	358
11/14/2019	20	600	460	356
11/14/2019	21	600	460	350
11/14/2019	22	550	460	337
11/14/2019	23	550	460	319
11/14/2019	24	550	460	304
11/15/2019	1	580	460	293
11/15/2019	2	536	460	285
11/15/2019	3	500	460	274
11/15/2019	4	460	455	272
11/15/2019	5	476	460	280
11/15/2019	6	550	460	287
11/15/2019	7	580	460	291
11/15/2019	8	647	460	328
11/15/2019	9	647	460	365
11/15/2019	10	647	460	391
11/15/2019	11	647	460	401
11/15/2019	12	580	460	392

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/15/2019	13	580	460	389
11/15/2019	14	647	499	404
11/15/2019	15	647	460	394
11/15/2019	16	580	460	390
11/15/2019	17	520	460	379
11/15/2019	18	547	460	386
11/15/2019	19	520	460	374
11/15/2019	20	480	460	366
11/15/2019	21	464	460	358
11/15/2019	22	460	455	345
11/15/2019	23	460	455	327
11/15/2019	24	460	455	313
11/16/2019	1	580	460	294
11/16/2019	2	550	460	284
11/16/2019	3	525	460	277
11/16/2019	4	480	460	270
11/16/2019	5	500	460	269
11/16/2019	6	500	460	266
11/16/2019	7	500	460	270
11/16/2019	8	550	460	297
11/16/2019	9	612	460	326
11/16/2019	10	647	460	349
11/16/2019	11	647	460	360
11/16/2019	12	647	460	355
11/16/2019	13	633	460	355
11/16/2019	14	647	460	364
11/16/2019	15	647	460	359
11/16/2019	16	600	460	350
11/16/2019	17	550	460	336
11/16/2019	18	616	460	347
11/16/2019	19	615	460	346
11/16/2019	20	570	460	342
11/16/2019	21	570	460	340
11/16/2019	22	550	460	328
11/16/2019	23	550	460	315
11/16/2019	24	530	460	299
11/17/2019	1	580	460	288
11/17/2019	2	522	460	277
11/17/2019	3	480	460	270
11/17/2019	4	460	455	263
11/17/2019	5	467	460	262
11/17/2019	6	482	460	262
11/17/2019	7	520	460	266
11/17/2019	8	580	460	282
11/17/2019	9	600	460	294
11/17/2019	10	647	460	311
11/17/2019	11	647	460	322
11/17/2019	12	647	460	321
11/17/2019	13	561	460	319
11/17/2019	14	647	460	325
11/17/2019	15	647	460	324
11/17/2019	16	550	460	313
11/17/2019	17	540	460	305
11/17/2019	18	607	460	329
11/17/2019	19	647	460	330
11/17/2019	20	647	460	329
11/17/2019	21	579	460	323
11/17/2019	22	460	455	309
11/17/2019	23	460	455	296
11/17/2019	24	460	455	280
11/18/2019	1	560	460	281
11/18/2019	2	500	460	264
11/18/2019	3	460	455	255
11/18/2019	4	460	455	254
11/18/2019	5	460	455	254

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/18/2019	6	460	455	255
11/18/2019	7	460	455	271
11/18/2019	8	580	460	326
11/18/2019	9	600	460	353
11/18/2019	10	647	494	378
11/18/2019	11	647	498	389
11/18/2019	12	500	460	382
11/18/2019	13	500	460	385
11/18/2019	14	647	460	397
11/18/2019	15	647	460	392
11/18/2019	16	550	460	387
11/18/2019	17	500	460	369
11/18/2019	18	607	460	374
11/18/2019	19	647	460	371
11/18/2019	20	627	460	367
11/18/2019	21	579	460	358
11/18/2019	22	478	460	345
11/18/2019	23	460	455	331
11/18/2019	24	460	455	314
11/19/2019	1	588	460	308
11/19/2019	2	550	460	298
11/19/2019	3	500	460	290
11/19/2019	4	460	455	286
11/19/2019	5	480	460	291
11/19/2019	6	500	460	295
11/19/2019	7	490	460	301
11/19/2019	8	647	460	335
11/19/2019	9	647	460	370
11/19/2019	10	647	460	390
11/19/2019	11	647	460	404
11/19/2019	12	647	460	396
11/19/2019	13	647	460	395
11/19/2019	14	647	460	409
11/19/2019	15	647	460	402
11/19/2019	16	647	460	399
11/19/2019	17	647	460	384
11/19/2019	18	647	460	394
11/19/2019	19	647	460	385
11/19/2019	20	647	460	380
11/19/2019	21	647	460	372
11/19/2019	22	478	460	354
11/19/2019	23	460	455	336
11/19/2019	24	460	455	319
11/20/2019	1	560	460	315
11/20/2019	2	499	460	296
11/20/2019	3	460	455	288
11/20/2019	4	460	455	284
11/20/2019	5	460	455	287
11/20/2019	6	480	460	292
11/20/2019	7	490	460	293
11/20/2019	8	500	460	318
11/20/2019	9	552	460	353
11/20/2019	10	560	460	373
11/20/2019	11	580	460	385
11/20/2019	12	550	460	381
11/20/2019	13	520	460	379
11/20/2019	14	580	460	389
11/20/2019	15	557	460	384
11/20/2019	16	518	460	380
11/20/2019	17	500	460	367
11/20/2019	18	580	460	378
11/20/2019	19	550	460	369
11/20/2019	20	515	460	361
11/20/2019	21	511	460	353
11/20/2019	22	460	455	338

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/20/2019	23	460	455	323
11/20/2019	24	460	455	306
11/21/2019	1	570	540	306
11/21/2019	2	560	460	298
11/21/2019	3	480	460	289
11/21/2019	4	460	455	286
11/21/2019	5	500	470	292
11/21/2019	6	550	550	298
11/21/2019	7	491	490	300
11/21/2019	8	517	500	334
11/21/2019	9	578	550	368
11/21/2019	10	583	500	387
11/21/2019	11	647	647	399
11/21/2019	12	600	533	392
11/21/2019	13	570	500	391
11/21/2019	14	647	647	406
11/21/2019	15	630	624	399
11/21/2019	16	572	550	395
11/21/2019	17	500	460	384
11/21/2019	18	600	579	397
11/21/2019	19	600	503	387
11/21/2019	20	500	488	382
11/21/2019	21	480	460	375
11/21/2019	22	460	455	358
11/21/2019	23	460	458	341
11/21/2019	24	460	455	324
11/22/2019	1	570	540	306
11/22/2019	2	560	460	298
11/22/2019	3	480	460	289
11/22/2019	4	460	455	286
11/22/2019	5	500	470	292
11/22/2019	6	550	550	298
11/22/2019	7	491	490	300
11/22/2019	8	517	500	334
11/22/2019	9	578	550	368
11/22/2019	10	583	500	387
11/22/2019	11	647	647	399
11/22/2019	12	600	533	392
11/22/2019	13	570	500	391
11/22/2019	14	647	647	406
11/22/2019	15	630	624	399
11/22/2019	16	572	550	395
11/22/2019	17	500	460	384
11/22/2019	18	600	579	397
11/22/2019	19	600	503	387
11/22/2019	20	500	488	382
11/22/2019	21	480	460	375
11/22/2019	22	460	455	358
11/22/2019	23	460	458	341
11/22/2019	24	460	455	324
11/23/2019	1	578	460	308
11/23/2019	2	475	460	296
11/23/2019	3	460	458	290
11/23/2019	4	460	455	284
11/23/2019	5	460	455	283
11/23/2019	6	480	460	284
11/23/2019	7	460	455	281
11/23/2019	8	480	460	309
11/23/2019	9	550	460	337
11/23/2019	10	600	460	359
11/23/2019	11	647	460	370
11/23/2019	12	600	460	362
11/23/2019	13	600	460	363
11/23/2019	14	647	460	374
11/23/2019	15	647	460	373

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/23/2019	16	600	460	365
11/23/2019	17	600	460	353
11/23/2019	18	647	460	373
11/23/2019	19	647	460	369
11/23/2019	20	647	460	366
11/23/2019	21	647	460	363
11/23/2019	22	600	460	348
11/23/2019	23	550	460	331
11/23/2019	24	500	460	318
11/24/2019	1	550	460	292
11/24/2019	2	460	455	281
11/24/2019	3	460	455	274
11/24/2019	4	460	455	263
11/24/2019	5	460	455	262
11/24/2019	6	460	455	262
11/24/2019	7	460	455	266
11/24/2019	8	480	460	282
11/24/2019	9	550	460	315
11/24/2019	10	550	460	331
11/24/2019	11	565	460	342
11/24/2019	12	519	460	341
11/24/2019	13	485	460	339
11/24/2019	14	550	460	346
11/24/2019	15	550	460	345
11/24/2019	16	520	460	334
11/24/2019	17	566	460	325
11/24/2019	18	647	460	350
11/24/2019	19	647	460	349
11/24/2019	20	647	460	349
11/24/2019	21	625	460	343
11/24/2019	22	533	460	329
11/24/2019	23	463	460	316
11/24/2019	24	460	455	300
11/25/2019	1	552	460	283
11/25/2019	2	460	455	266
11/25/2019	3	460	455	257
11/25/2019	4	460	455	256
11/25/2019	5	460	455	256
11/25/2019	6	460	455	257
11/25/2019	7	460	455	273
11/25/2019	8	480	460	328
11/25/2019	9	607	460	363
11/25/2019	10	647	460	387
11/25/2019	11	647	460	398
11/25/2019	12	647	460	391
11/25/2019	13	647	460	394
11/25/2019	14	647	460	406
11/25/2019	15	647	460	401
11/25/2019	16	647	460	396
11/25/2019	17	550	460	378
11/25/2019	18	590	460	383
11/25/2019	19	570	460	380
11/25/2019	20	540	460	376
11/25/2019	21	510	460	367
11/25/2019	22	500	460	354
11/25/2019	23	480	460	340
11/25/2019	24	460	455	323
11/26/2019	1	647	455	313
11/26/2019	2	647	455	301
11/26/2019	3	647	455	292
11/26/2019	4	647	455	289
11/26/2019	5	647	455	293
11/26/2019	6	647	455	297
11/26/2019	7	600	455	290
11/26/2019	8	580	455	322

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/26/2019	9	647	455	361
11/26/2019	10	647	455	379
11/26/2019	11	647	455	395
11/26/2019	12	647	455	386
11/26/2019	13	647	455	386
11/26/2019	14	647	455	401
11/26/2019	15	647	455	398
11/26/2019	16	647	455	394
11/26/2019	17	647	455	381
11/26/2019	18	647	455	396
11/26/2019	19	647	455	387
11/26/2019	20	647	455	382
11/26/2019	21	647	455	377
11/26/2019	22	647	455	359
11/26/2019	23	647	455	342
11/26/2019	24	563	455	324
11/27/2019	1	580	415	296
11/27/2019	2	510	415	277
11/27/2019	3	500	415	280
11/27/2019	4	480	415	276
11/27/2019	5	500	415	281
11/27/2019	6	510	415	284
11/27/2019	7	647	415	286
11/27/2019	8	647	415	320
11/27/2019	9	647	415	355
11/27/2019	10	647	415	375
11/27/2019	11	647	415	388
11/27/2019	12	647	415	379
11/27/2019	13	647	460	377
11/27/2019	14	647	460	391
11/27/2019	15	647	460	387
11/27/2019	16	647	460	380
11/27/2019	17	551	460	370
11/27/2019	18	647	460	381
11/27/2019	19	647	460	373
11/27/2019	20	647	460	369
11/27/2019	21	616	460	362
11/27/2019	22	560	460	344
11/27/2019	23	480	460	324
11/27/2019	24	460	450	308
11/28/2019	1	647	415	302
11/28/2019	2	647	415	293
11/28/2019	3	580	415	279
11/28/2019	4	570	415	280
11/28/2019	5	617	415	282
11/28/2019	6	647	415	286
11/28/2019	7	647	415	290
11/28/2019	8	647	415	324
11/28/2019	9	647	415	360
11/28/2019	10	647	415	379
11/28/2019	11	647	415	394
11/28/2019	12	647	415	385
11/28/2019	13	647	415	384
11/28/2019	14	647	415	397
11/28/2019	15	647	415	391
11/28/2019	16	647	415	386
11/28/2019	17	647	415	370
11/28/2019	18	647	415	379
11/28/2019	19	647	415	372
11/28/2019	20	647	415	366
11/28/2019	21	647	415	360
11/28/2019	22	647	415	346
11/28/2019	23	500	415	330
11/28/2019	24	437	415	313
11/29/2019	1	647	415	302

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/29/2019	2	647	415	293
11/29/2019	3	600	415	279
11/29/2019	4	570	415	280
11/29/2019	5	590	415	282
11/29/2019	6	600	415	286
11/29/2019	7	647	415	290
11/29/2019	8	647	415	324
11/29/2019	9	647	415	360
11/29/2019	10	647	415	379
11/29/2019	11	647	415	394
11/29/2019	12	647	415	385
11/29/2019	13	647	415	384
11/29/2019	14	647	415	397
11/29/2019	15	647	415	391
11/29/2019	16	647	415	386
11/29/2019	17	647	415	370
11/29/2019	18	647	415	379
11/29/2019	19	647	415	372
11/29/2019	20	647	415	366
11/29/2019	21	647	415	360
11/29/2019	22	647	415	346
11/29/2019	23	517	415	330
11/29/2019	24	437	415	313
11/30/2019	1	590	460	289
11/30/2019	2	500	422	280
11/30/2019	3	500	415	274
11/30/2019	4	500	415	267
11/30/2019	5	500	415	265
11/30/2019	6	450	415	261
11/30/2019	7	450	415	267
11/30/2019	8	450	415	285
11/30/2019	9	529	460	313
11/30/2019	10	600	460	334
11/30/2019	11	647	460	344
11/30/2019	12	500	460	336
11/30/2019	13	500	460	336
11/30/2019	14	600	460	343
11/30/2019	15	600	460	338
11/30/2019	16	586	460	331
11/30/2019	17	547	460	322
11/30/2019	18	647	460	343
11/30/2019	19	647	460	340
11/30/2019	20	647	460	338
11/30/2019	21	647	460	333
11/30/2019	22	542	460	321
11/30/2019	23	500	460	305
11/30/2019	24	475	460	290
12/01/2019	1	480	460	280
12/01/2019	2	460	450	269
12/01/2019	3	460	420	262
12/01/2019	4	460	415	255
12/01/2019	5	460	415	254
12/01/2019	6	460	415	254
12/01/2019	7	460	415	258
12/01/2019	8	460	415	274
12/01/2019	9	460	420	278
12/01/2019	10	460	431	287
12/01/2019	11	480	460	294
12/01/2019	12	460	450	293
12/01/2019	13	460	450	291
12/01/2019	14	468	460	297
12/01/2019	15	460	450	296
12/01/2019	16	460	450	285
12/01/2019	17	460	450	277
12/01/2019	18	526	460	302

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/01/2019	19	520	460	299
12/01/2019	20	500	460	297
12/01/2019	21	460	450	291
12/01/2019	22	460	415	281
12/01/2019	23	460	415	268
12/01/2019	24	460	415	252
12/02/2019	1	480	415	277
12/02/2019	2	450	415	260
12/02/2019	3	418	415	251
12/02/2019	4	415	377	250
12/02/2019	5	415	352	250
12/02/2019	6	415	340	251
12/02/2019	7	415	400	267
12/02/2019	8	420	415	286
12/02/2019	9	550	415	307
12/02/2019	10	647	415	325
12/02/2019	11	647	415	337
12/02/2019	12	647	415	334
12/02/2019	13	647	415	336
12/02/2019	14	647	415	349
12/02/2019	15	647	415	346
12/02/2019	16	647	415	342
12/02/2019	17	550	415	327
12/02/2019	18	647	415	342
12/02/2019	19	647	415	334
12/02/2019	20	536	415	328
12/02/2019	21	515	415	312
12/02/2019	22	450	415	299
12/02/2019	23	415	400	282
12/02/2019	24	415	380	270
12/03/2019	1	647	460	282
12/03/2019	2	580	460	273
12/03/2019	3	550	460	266
12/03/2019	4	520	460	263
12/03/2019	5	500	460	268
12/03/2019	6	580	460	279
12/03/2019	7	647	460	277
12/03/2019	8	647	460	306
12/03/2019	9	647	460	335
12/03/2019	10	647	460	351
12/03/2019	11	647	460	365
12/03/2019	12	647	460	357
12/03/2019	13	647	460	356
12/03/2019	14	647	460	368
12/03/2019	15	647	460	362
12/03/2019	16	647	460	361
12/03/2019	17	647	460	350
12/03/2019	18	647	460	363
12/03/2019	19	647	460	354
12/03/2019	20	647	460	348
12/03/2019	21	647	460	342
12/03/2019	22	647	460	325
12/03/2019	23	647	460	309
12/03/2019	24	554	460	293
12/04/2019	1	580	352	245
12/04/2019	2	647	352	251
12/04/2019	3	557	352	244
12/04/2019	4	493	352	241
12/04/2019	5	481	352	246
12/04/2019	6	550	352	252
12/04/2019	7	647	352	258
12/04/2019	8	647	352	286
12/04/2019	9	647	455	317
12/04/2019	10	647	460	335
12/04/2019	11	647	460	348

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/04/2019	12	647	460	340
12/04/2019	13	647	460	338
12/04/2019	14	647	460	349
12/04/2019	15	647	460	345
12/04/2019	16	647	460	340
12/04/2019	17	647	460	329
12/04/2019	18	647	460	348
12/04/2019	19	647	460	332
12/04/2019	20	647	460	326
12/04/2019	21	647	460	318
12/04/2019	22	647	460	303
12/04/2019	23	647	460	288
12/04/2019	24	497	460	272
12/05/2019	1	578	460	270
12/05/2019	2	550	460	255
12/05/2019	3	500	460	247
12/05/2019	4	478	460	246
12/05/2019	5	460	455	242
12/05/2019	6	510	460	249
12/05/2019	7	550	460	259
12/05/2019	8	580	460	284
12/05/2019	9	647	460	325
12/05/2019	10	647	460	351
12/05/2019	11	647	460	363
12/05/2019	12	647	460	355
12/05/2019	13	647	460	354
12/05/2019	14	647	460	365
12/05/2019	15	647	460	361
12/05/2019	16	647	460	356
12/05/2019	17	647	460	345
12/05/2019	18	647	460	364
12/05/2019	19	647	460	347
12/05/2019	20	647	460	342
12/05/2019	21	647	460	334
12/05/2019	22	647	460	319
12/05/2019	23	647	460	304
12/05/2019	24	495	460	288
12/06/2019	1	580	460	287
12/06/2019	2	550	460	278
12/06/2019	3	480	460	269
12/06/2019	4	460	455	267
12/06/2019	5	460	455	273
12/06/2019	6	518	460	277
12/06/2019	7	550	460	281
12/06/2019	8	580	460	313
12/06/2019	9	580	460	348
12/06/2019	10	647	460	368
12/06/2019	11	647	460	380
12/06/2019	12	647	460	371
12/06/2019	13	647	460	370
12/06/2019	14	647	460	381
12/06/2019	15	647	460	374
12/06/2019	16	647	460	369
12/06/2019	17	550	460	356
12/06/2019	18	647	460	366
12/06/2019	19	647	460	356
12/06/2019	20	647	460	350
12/06/2019	21	615	460	344
12/06/2019	22	472	460	330
12/06/2019	23	460	455	314
12/06/2019	24	460	455	298
12/07/2019	1	566	460	284
12/07/2019	2	550	460	275
12/07/2019	3	550	460	268
12/07/2019	4	550	460	263

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/07/2019	5	550	460	262
12/07/2019	6	550	460	260
12/07/2019	7	550	460	261
12/07/2019	8	550	460	283
12/07/2019	9	550	460	310
12/07/2019	10	643	460	334
12/07/2019	11	647	460	344
12/07/2019	12	647	460	336
12/07/2019	13	647	460	336
12/07/2019	14	647	460	346
12/07/2019	15	647	460	338
12/07/2019	16	647	460	331
12/07/2019	17	550	460	321
12/07/2019	18	647	460	342
12/07/2019	19	647	460	338
12/07/2019	20	647	460	336
12/07/2019	21	647	460	330
12/07/2019	22	647	460	319
12/07/2019	23	608	460	305
12/07/2019	24	560	460	290
12/08/2019	1	647	460	284
12/08/2019	2	580	460	273
12/08/2019	3	540	460	266
12/08/2019	4	460	455	259
12/08/2019	5	460	455	258
12/08/2019	6	518	460	258
12/08/2019	7	550	460	262
12/08/2019	8	580	460	282
12/08/2019	9	590	460	293
12/08/2019	10	647	460	310
12/08/2019	11	647	460	321
12/08/2019	12	647	460	320
12/08/2019	13	647	460	318
12/08/2019	14	647	460	324
12/08/2019	15	647	460	323
12/08/2019	16	580	460	312
12/08/2019	17	550	460	304
12/08/2019	18	647	460	329
12/08/2019	19	647	460	324
12/08/2019	20	647	460	320
12/08/2019	21	647	460	318
12/08/2019	22	472	460	304
12/08/2019	23	460	455	291
12/08/2019	24	460	455	275
12/09/2019	1	580	460	281
12/09/2019	2	550	460	267
12/09/2019	3	500	460	256
12/09/2019	4	460	455	254
12/09/2019	5	460	455	256
12/09/2019	6	460	460	256
12/09/2019	7	580	460	272
12/09/2019	8	647	460	327
12/09/2019	9	647	460	360
12/09/2019	10	647	460	380
12/09/2019	11	647	460	392
12/09/2019	12	647	460	383
12/09/2019	13	647	460	382
12/09/2019	14	647	460	394
12/09/2019	15	647	460	389
12/09/2019	16	647	460	385
12/09/2019	17	555	460	375
12/09/2019	18	647	460	387
12/09/2019	19	619	460	376
12/09/2019	20	543	460	369
12/09/2019	21	540	460	362

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/09/2019	22	494	460	346
12/09/2019	23	470	460	329
12/09/2019	24	460	455	311
12/10/2019	1	615	460	280
12/10/2019	2	580	460	271
12/10/2019	3	550	460	263
12/10/2019	4	489	460	260
12/10/2019	5	530	460	265
12/10/2019	6	560	460	271
12/10/2019	7	570	460	274
12/10/2019	8	580	460	305
12/10/2019	9	590	460	336
12/10/2019	10	590	460	353
12/10/2019	11	647	460	368
12/10/2019	12	532	460	359
12/10/2019	13	520	460	357
12/10/2019	14	647	460	370
12/10/2019	15	647	460	365
12/10/2019	16	580	460	363
12/10/2019	17	520	460	351
12/10/2019	18	613	460	364
12/10/2019	19	550	460	353
12/10/2019	20	500	460	348
12/10/2019	21	500	460	341
12/10/2019	22	494	460	322
12/10/2019	23	470	460	307
12/10/2019	24	460	455	291
12/11/2019	1	611	460	278
12/11/2019	2	540	460	267
12/11/2019	3	511	460	261
12/11/2019	4	460	455	257
12/11/2019	5	470	460	261
12/11/2019	6	493	460	268
12/11/2019	7	490	460	269
12/11/2019	8	520	460	300
12/11/2019	9	550	460	333
12/11/2019	10	580	460	355
12/11/2019	11	647	460	369
12/11/2019	12	532	460	361
12/11/2019	13	520	460	360
12/11/2019	14	647	460	369
12/11/2019	15	647	460	370
12/11/2019	16	580	460	363
12/11/2019	17	480	460	346
12/11/2019	18	596	460	359
12/11/2019	19	550	460	352
12/11/2019	20	500	460	350
12/11/2019	21	500	460	344
12/11/2019	22	494	460	330
12/11/2019	23	469	460	308
12/11/2019	24	460	455	292
12/12/2019	1	647	460	291
12/12/2019	2	580	460	281
12/12/2019	3	540	460	272
12/12/2019	4	480	460	269
12/12/2019	5	490	460	274
12/12/2019	6	500	460	280
12/12/2019	7	550	460	290
12/12/2019	8	580	460	310
12/12/2019	9	647	460	342
12/12/2019	10	647	460	361
12/12/2019	11	647	460	374
12/12/2019	12	642	460	363
12/12/2019	13	585	460	362
12/12/2019	14	647	460	374

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/12/2019	15	647	460	369
12/12/2019	16	511	460	365
12/12/2019	17	525	460	356
12/12/2019	18	647	460	367
12/12/2019	19	647	460	357
12/12/2019	20	530	460	350
12/12/2019	21	500	460	343
12/12/2019	22	494	460	329
12/12/2019	23	480	460	313
12/12/2019	24	460	455	296
12/13/2019	1	637	460	283
12/13/2019	2	600	460	274
12/13/2019	3	582	460	265
12/13/2019	4	490	455	261
12/13/2019	5	490	455	267
12/13/2019	6	500	455	274
12/13/2019	7	550	455	284
12/13/2019	8	580	455	304
12/13/2019	9	647	460	339
12/13/2019	10	647	460	360
12/13/2019	11	647	460	373
12/13/2019	12	647	460	370
12/13/2019	13	647	460	371
12/13/2019	14	647	460	382
12/13/2019	15	647	460	378
12/13/2019	16	647	460	372
12/13/2019	17	590	460	354
12/13/2019	18	647	460	368
12/13/2019	19	647	460	359
12/13/2019	20	647	460	353
12/13/2019	21	647	460	348
12/13/2019	22	647	460	336
12/13/2019	23	528	460	317
12/13/2019	24	522	460	294
12/14/2019	1	580	460	284
12/14/2019	2	550	460	275
12/14/2019	3	500	460	268
12/14/2019	4	460	455	263
12/14/2019	5	460	455	262
12/14/2019	6	500	460	260
12/14/2019	7	500	460	261
12/14/2019	8	520	460	283
12/14/2019	9	550	460	312
12/14/2019	10	647	460	335
12/14/2019	11	647	460	346
12/14/2019	12	580	460	338
12/14/2019	13	560	460	338
12/14/2019	14	597	460	348
12/14/2019	15	580	460	340
12/14/2019	16	480	460	333
12/14/2019	17	460	455	322
12/14/2019	18	564	460	343
12/14/2019	19	647	460	339
12/14/2019	20	580	460	337
12/14/2019	21	560	460	332
12/14/2019	22	520	460	320
12/14/2019	23	516	460	306
12/14/2019	24	460	455	292
12/15/2019	1	590	460	278
12/15/2019	2	540	460	269
12/15/2019	3	490	460	262
12/15/2019	4	460	455	255
12/15/2019	5	460	455	254
12/15/2019	6	500	460	254
12/15/2019	7	500	460	258

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/15/2019	8	520	460	274
12/15/2019	9	550	460	300
12/15/2019	10	613	460	309
12/15/2019	11	647	460	315
12/15/2019	12	647	460	315
12/15/2019	13	583	460	312
12/15/2019	14	585	460	319
12/15/2019	15	580	460	318
12/15/2019	16	480	460	307
12/15/2019	17	460	455	298
12/15/2019	18	647	460	323
12/15/2019	19	647	460	321
12/15/2019	20	647	460	318
12/15/2019	21	560	460	312
12/15/2019	22	520	460	303
12/15/2019	23	460	455	289
12/15/2019	24	460	455	273
12/16/2019	1	629	460	277
12/16/2019	2	540	460	263
12/16/2019	3	480	460	252
12/16/2019	4	460	455	250
12/16/2019	5	460	455	252
12/16/2019	6	470	460	252
12/16/2019	7	500	460	268
12/16/2019	8	520	460	311
12/16/2019	9	550	460	332
12/16/2019	10	580	460	352
12/16/2019	11	647	460	365
12/16/2019	12	647	460	363
12/16/2019	13	647	460	364
12/16/2019	14	647	460	375
12/16/2019	15	647	460	370
12/16/2019	16	500	460	364
12/16/2019	17	460	455	347
12/16/2019	18	563	460	361
12/16/2019	19	550	460	352
12/16/2019	20	520	460	345
12/16/2019	21	500	460	340
12/16/2019	22	480	460	328
12/16/2019	23	460	455	310
12/16/2019	24	460	455	286
12/17/2019	1	460	455	285
12/17/2019	2	460	455	276
12/17/2019	3	460	455	268
12/17/2019	4	460	455	268
12/17/2019	5	460	455	275
12/17/2019	6	460	455	282
12/17/2019	7	460	455	271
12/17/2019	8	460	455	316
12/17/2019	9	460	455	348
12/17/2019	10	460	455	370
12/17/2019	11	460	455	379
12/17/2019	12	460	455	371
12/17/2019	13	460	455	369
12/17/2019	14	460	455	384
12/17/2019	15	460	455	379
12/17/2019	16	460	455	377
12/17/2019	17	460	455	363
12/17/2019	18	460	455	379
12/17/2019	19	460	455	369
12/17/2019	20	460	455	362
12/17/2019	21	460	455	353
12/17/2019	22	460	455	337
12/17/2019	23	460	455	318
12/17/2019	24	460	455	300

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/18/2019	1	600	460	299
12/18/2019	2	550	455	288
12/18/2019	3	550	455	279
12/18/2019	4	455	450	277
12/18/2019	5	500	455	282
12/18/2019	6	500	455	289
12/18/2019	7	455	450	279
12/18/2019	8	550	460	324
12/18/2019	9	600	460	356
12/18/2019	10	647	460	377
12/18/2019	11	647	460	392
12/18/2019	12	610	460	383
12/18/2019	13	600	460	381
12/18/2019	14	647	460	395
12/18/2019	15	647	460	390
12/18/2019	16	647	460	383
12/18/2019	17	647	460	372
12/18/2019	18	647	460	386
12/18/2019	19	647	460	376
12/18/2019	20	647	460	371
12/18/2019	21	600	460	364
12/18/2019	22	600	460	347
12/18/2019	23	600	460	328
12/18/2019	24	550	460	312
12/19/2019	1	543	460	290
12/19/2019	2	455	453	280
12/19/2019	3	455	450	272
12/19/2019	4	455	450	268
12/19/2019	5	500	455	271
12/19/2019	6	500	455	277
12/19/2019	7	500	455	282
12/19/2019	8	500	460	312
12/19/2019	9	647	460	348
12/19/2019	10	647	460	367
12/19/2019	11	647	460	383
12/19/2019	12	647	460	372
12/19/2019	13	647	460	371
12/19/2019	14	647	460	381
12/19/2019	15	647	460	378
12/19/2019	16	647	460	375
12/19/2019	17	647	460	362
12/19/2019	18	647	460	376
12/19/2019	19	647	460	369
12/19/2019	20	647	460	362
12/19/2019	21	647	460	356
12/19/2019	22	647	460	340
12/19/2019	23	550	460	321
12/19/2019	24	550	460	303
12/20/2019	1	570	460	283
12/20/2019	2	500	460	274
12/20/2019	3	460	455	266
12/20/2019	4	460	455	266
12/20/2019	5	460	457	272
12/20/2019	6	480	460	280
12/20/2019	7	460	460	271
12/20/2019	8	571	460	316
12/20/2019	9	573	460	341
12/20/2019	10	647	460	362
12/20/2019	11	647	460	372
12/20/2019	12	560	460	364
12/20/2019	13	570	460	362
12/20/2019	14	598	460	377
12/20/2019	15	559	460	372
12/20/2019	16	520	460	370
12/20/2019	17	480	460	356

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/20/2019	18	550	460	371
12/20/2019	19	520	460	362
12/20/2019	20	480	460	355
12/20/2019	21	460	460	346
12/20/2019	22	460	455	330
12/20/2019	23	460	455	310
12/20/2019	24	460	455	293
12/21/2019	1	602	460	282
12/21/2019	2	500	460	273
12/21/2019	3	460	455	266
12/21/2019	4	460	455	261
12/21/2019	5	460	457	260
12/21/2019	6	480	460	258
12/21/2019	7	460	460	259
12/21/2019	8	571	460	283
12/21/2019	9	554	460	310
12/21/2019	10	591	460	333
12/21/2019	11	647	460	344
12/21/2019	12	560	460	336
12/21/2019	13	570	460	336
12/21/2019	14	598	460	346
12/21/2019	15	530	460	338
12/21/2019	16	520	460	331
12/21/2019	17	480	460	320
12/21/2019	18	580	460	341
12/21/2019	19	550	460	338
12/21/2019	20	500	460	335
12/21/2019	21	480	460	330
12/21/2019	22	470	460	318
12/21/2019	23	469	460	304
12/21/2019	24	460	455	290
12/22/2019	1	580	460	278
12/22/2019	2	520	460	269
12/22/2019	3	460	455	262
12/22/2019	4	460	455	255
12/22/2019	5	460	455	254
12/22/2019	6	460	460	254
12/22/2019	7	460	460	258
12/22/2019	8	571	460	274
12/22/2019	9	575	460	300
12/22/2019	10	580	460	309
12/22/2019	11	599	460	315
12/22/2019	12	548	460	315
12/22/2019	13	506	460	312
12/22/2019	14	607	460	319
12/22/2019	15	580	460	318
12/22/2019	16	540	460	307
12/22/2019	17	480	460	298
12/22/2019	18	647	460	323
12/22/2019	19	647	460	321
12/22/2019	20	647	460	318
12/22/2019	21	580	460	312
12/22/2019	22	540	460	303
12/22/2019	23	460	455	289
12/22/2019	24	460	455	273
12/23/2019	1	550	460	278
12/23/2019	2	500	460	269
12/23/2019	3	460	455	262
12/23/2019	4	460	455	259
12/23/2019	5	460	455	264
12/23/2019	6	460	460	275
12/23/2019	7	460	460	273
12/23/2019	8	520	460	302
12/23/2019	9	550	460	322
12/23/2019	10	570	460	338

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/23/2019	11	597	460	351
12/23/2019	12	530	460	343
12/23/2019	13	480	460	343
12/23/2019	14	590	460	354
12/23/2019	15	540	460	349
12/23/2019	16	510	460	347
12/23/2019	17	480	460	336
12/23/2019	18	580	460	349
12/23/2019	19	570	460	341
12/23/2019	20	550	460	334
12/23/2019	21	530	460	328
12/23/2019	22	500	460	312
12/23/2019	23	460	455	296
12/23/2019	24	460	455	279
12/24/2019	1	350	350	226
12/24/2019	2	300	300	219
12/24/2019	3	300	300	212
12/24/2019	4	300	300	206
12/24/2019	5	300	275	205
12/24/2019	6	271	270	206
12/24/2019	7	320	320	223
12/24/2019	8	320	320	234
12/24/2019	9	330	330	252
12/24/2019	10	320	320	267
12/24/2019	11	300	300	274
12/24/2019	12	300	300	272
12/24/2019	13	300	300	268
12/24/2019	14	300	300	265
12/24/2019	15	300	300	263
12/24/2019	16	300	300	259
12/24/2019	17	300	300	260
12/24/2019	18	375	375	287
12/24/2019	19	300	300	285
12/24/2019	20	300	300	268
12/24/2019	21	350	350	258
12/24/2019	22	350	350	248
12/24/2019	23	350	350	241
12/24/2019	24	350	350	233
12/25/2019	1	350	350	232
12/25/2019	2	300	300	223
12/25/2019	3	300	300	216
12/25/2019	4	300	300	211
12/25/2019	5	300	275	212
12/25/2019	6	270	270	219
12/25/2019	7	270	270	201
12/25/2019	8	270	270	206
12/25/2019	9	250	250	218
12/25/2019	10	250	250	232
12/25/2019	11	280	280	243
12/25/2019	12	250	250	250
12/25/2019	13	250	250	251
12/25/2019	14	280	280	255
12/25/2019	15	265	265	256
12/25/2019	16	250	250	253
12/25/2019	17	350	350	251
12/25/2019	18	350	350	277
12/25/2019	19	350	350	284
12/25/2019	20	350	350	282
12/25/2019	21	350	350	279
12/25/2019	22	350	350	271
12/25/2019	23	350	350	257
12/25/2019	24	350	350	243
12/26/2019	1	480	460	266
12/26/2019	2	460	455	257
12/26/2019	3	460	455	250

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/26/2019	4	460	455	247
12/26/2019	5	460	455	252
12/26/2019	6	460	460	263
12/26/2019	7	460	455	261
12/26/2019	8	480	460	290
12/26/2019	9	460	460	310
12/26/2019	10	480	460	326
12/26/2019	11	490	460	339
12/26/2019	12	460	455	331
12/26/2019	13	460	455	331
12/26/2019	14	520	460	342
12/26/2019	15	480	460	337
12/26/2019	16	470	460	335
12/26/2019	17	460	455	324
12/26/2019	18	550	460	337
12/26/2019	19	493	460	329
12/26/2019	20	460	455	322
12/26/2019	21	460	455	316
12/26/2019	22	460	455	300
12/26/2019	23	460	455	284
12/26/2019	24	460	455	267
12/27/2019	1	580	460	274
12/27/2019	2	550	460	265
12/27/2019	3	510	460	258
12/27/2019	4	498	460	255
12/27/2019	5	520	460	260
12/27/2019	6	550	460	271
12/27/2019	7	500	460	269
12/27/2019	8	500	460	298
12/27/2019	9	500	460	321
12/27/2019	10	525	480	337
12/27/2019	11	568	550	351
12/27/2019	12	500	460	343
12/27/2019	13	500	460	342
12/27/2019	14	580	503	354
12/27/2019	15	550	480	348
12/27/2019	16	530	470	347
12/27/2019	17	480	460	335
12/27/2019	18	580	540	348
12/27/2019	19	570	470	340
12/27/2019	20	520	460	334
12/27/2019	21	500	460	328
12/27/2019	22	480	460	311
12/27/2019	23	460	460	295
12/27/2019	24	460	455	279
12/28/2019	1	511	460	273
12/28/2019	2	500	450	264
12/28/2019	3	510	400	256
12/28/2019	4	500	400	252
12/28/2019	5	520	420	250
12/28/2019	6	550	450	249
12/28/2019	7	550	460	264
12/28/2019	8	500	450	285
12/28/2019	9	500	474	309
12/28/2019	10	550	550	332
12/28/2019	11	568	550	344
12/28/2019	12	500	500	337
12/28/2019	13	517	500	332
12/28/2019	14	580	532	337
12/28/2019	15	550	480	330
12/28/2019	16	530	470	323
12/28/2019	17	477	460	317
12/28/2019	18	580	540	339
12/28/2019	19	580	580	337
12/28/2019	20	550	550	334

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/28/2019	21	558	532	328
12/28/2019	22	530	530	317
12/28/2019	23	465	460	302
12/28/2019	24	460	460	285
12/29/2019	1	455	250	231
12/29/2019	2	455	250	223
12/29/2019	3	455	225	216
12/29/2019	4	455	225	214
12/29/2019	5	455	260	219
12/29/2019	6	455	280	224
12/29/2019	7	455	250	224
12/29/2019	8	455	300	235
12/29/2019	9	455	300	249
12/29/2019	10	455	350	266
12/29/2019	11	455	350	274
12/29/2019	12	455	321	272
12/29/2019	13	455	312	268
12/29/2019	14	455	335	269
12/29/2019	15	455	300	265
12/29/2019	16	455	350	261
12/29/2019	17	455	341	259
12/29/2019	18	460	455	282
12/29/2019	19	460	455	283
12/29/2019	20	460	455	282
12/29/2019	21	460	455	278
12/29/2019	22	460	455	266
12/29/2019	23	460	455	254
12/29/2019	24	460	455	238
12/30/2019	1	455	250	230
12/30/2019	2	455	250	222
12/30/2019	3	455	225	215
12/30/2019	4	455	225	214
12/30/2019	5	455	225	218
12/30/2019	6	455	250	224
12/30/2019	7	455	257	224
12/30/2019	8	455	258	235
12/30/2019	9	455	231	248
12/30/2019	10	455	250	265
12/30/2019	11	455	290	272
12/30/2019	12	455	225	270
12/30/2019	13	455	225	267
12/30/2019	14	455	225	267
12/30/2019	15	455	235	264
12/30/2019	16	455	225	260
12/30/2019	17	455	250	257
12/30/2019	18	460	455	281
12/30/2019	19	460	455	282
12/30/2019	20	460	455	280
12/30/2019	21	460	455	277
12/30/2019	22	460	455	265
12/30/2019	23	460	455	253
12/30/2019	24	460	455	237
12/31/2019	1	300	300	220
12/31/2019	2	300	300	208
12/31/2019	3	275	275	198
12/31/2019	4	250	250	192
12/31/2019	5	225	225	188
12/31/2019	6	225	225	186
12/31/2019	7	275	275	208
12/31/2019	8	275	275	214
12/31/2019	9	300	300	232
12/31/2019	10	300	285	244
12/31/2019	11	280	275	250
12/31/2019	12	225	225	249
12/31/2019	13	225	225	244

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/31/2019	14	250	250	243
12/31/2019	15	250	225	240
12/31/2019	16	275	275	240
12/31/2019	17	300	272	241
12/31/2019	18	350	325	268
12/31/2019	19	313	310	267
12/31/2019	20	300	300	254
12/31/2019	21	250	225	245
12/31/2019	22	300	300	237
12/31/2019	23	300	300	230
12/31/2019	24	300	285	226
01/01/2020	1	386	300	211
01/01/2020	2	367	250	202
01/01/2020	3	300	253	197
01/01/2020	4	285	250	195
01/01/2020	5	327	280	197
01/01/2020	6	366	300	208
01/01/2020	7	225	225	181
01/01/2020	8	225	225	185
01/01/2020	9	253	225	201
01/01/2020	10	225	225	208
01/01/2020	11	250	250	218
01/01/2020	12	279	250	225
01/01/2020	13	300	271	225
01/01/2020	14	350	271	226
01/01/2020	15	450	360	226
01/01/2020	16	400	341	224
01/01/2020	17	451	350	225
01/01/2020	18	460	450	252
01/01/2020	19	460	450	259
01/01/2020	20	460	450	256
01/01/2020	21	460	450	252
01/01/2020	22	460	450	241
01/01/2020	23	460	450	228
01/01/2020	24	460	450	218
01/02/2020	1	478	455	242
01/02/2020	2	455	449	233
01/02/2020	3	455	380	226
01/02/2020	4	455	351	223
01/02/2020	5	455	410	228
01/02/2020	6	480	455	239
01/02/2020	7	455	452	237
01/02/2020	8	470	455	266
01/02/2020	9	490	455	286
01/02/2020	10	500	455	310
01/02/2020	11	510	455	320
01/02/2020	12	480	455	313
01/02/2020	13	460	455	313
01/02/2020	14	500	455	322
01/02/2020	15	455	450	314
01/02/2020	16	455	450	307
01/02/2020	17	455	451	297
01/02/2020	18	460	455	318
01/02/2020	19	460	455	314
01/02/2020	20	460	455	312
01/02/2020	21	460	455	306
01/02/2020	22	460	455	295
01/02/2020	23	460	455	281
01/02/2020	24	460	455	266
01/03/2020	1	580	455	279
01/03/2020	2	550	455	270
01/03/2020	3	465	455	262
01/03/2020	4	455	450	262
01/03/2020	5	500	455	268
01/03/2020	6	550	455	276

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/03/2020	7	455	452	271
01/03/2020	8	470	460	308
01/03/2020	9	490	460	330
01/03/2020	10	550	460	351
01/03/2020	11	580	460	361
01/03/2020	12	550	460	353
01/03/2020	13	470	460	351
01/03/2020	14	543	460	366
01/03/2020	15	540	460	361
01/03/2020	16	460	455	359
01/03/2020	17	460	455	345
01/03/2020	18	598	460	360
01/03/2020	19	460	455	351
01/03/2020	20	460	455	344
01/03/2020	21	460	455	335
01/03/2020	22	460	455	319
01/03/2020	23	460	455	299
01/03/2020	24	460	455	282
01/04/2020	1	489	455	275
01/04/2020	2	485	455	265
01/04/2020	3	463	455	256
01/04/2020	4	455	450	250
01/04/2020	5	482	455	248
01/04/2020	6	455	450	250
01/04/2020	7	455	452	267
01/04/2020	8	455	377	271
01/04/2020	9	490	455	295
01/04/2020	10	509	455	310
01/04/2020	11	514	455	332
01/04/2020	12	510	455	324
01/04/2020	13	455	429	321
01/04/2020	14	509	455	324
01/04/2020	15	500	455	323
01/04/2020	16	455	427	318
01/04/2020	17	455	450	295
01/04/2020	18	500	482	327
01/04/2020	19	483	455	327
01/04/2020	20	455	450	323
01/04/2020	21	455	450	320
01/04/2020	22	455	450	295
01/04/2020	23	455	420	295
01/04/2020	24	455	420	279
01/05/2020	1	570	455	274
01/05/2020	2	556	455	265
01/05/2020	3	455	450	258
01/05/2020	4	455	420	251
01/05/2020	5	455	450	250
01/05/2020	6	460	455	250
01/05/2020	7	470	455	254
01/05/2020	8	474	455	270
01/05/2020	9	490	460	288
01/05/2020	10	500	460	297
01/05/2020	11	550	460	304
01/05/2020	12	510	460	303
01/05/2020	13	460	455	301
01/05/2020	14	543	460	307
01/05/2020	15	540	460	306
01/05/2020	16	460	455	295
01/05/2020	17	460	455	286
01/05/2020	18	517	460	312
01/05/2020	19	483	460	309
01/05/2020	20	460	455	306
01/05/2020	21	460	455	300
01/05/2020	22	460	455	291
01/05/2020	23	460	455	277

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/05/2020	24	460	455	265
01/06/2020	1	560	455	265
01/06/2020	2	540	455	255
01/06/2020	3	455	440	244
01/06/2020	4	455	410	242
01/06/2020	5	455	450	244
01/06/2020	6	462	455	244
01/06/2020	7	468	455	260
01/06/2020	8	468	455	299
01/06/2020	9	489	460	319
01/06/2020	10	497	460	339
01/06/2020	11	550	460	352
01/06/2020	12	510	460	349
01/06/2020	13	460	455	351
01/06/2020	14	543	460	361
01/06/2020	15	540	460	357
01/06/2020	16	460	455	351
01/06/2020	17	460	455	334
01/06/2020	18	517	460	347
01/06/2020	19	483	460	338
01/06/2020	20	460	455	332
01/06/2020	21	460	455	327
01/06/2020	22	460	455	315
01/06/2020	23	460	455	296
01/06/2020	24	460	455	281
01/07/2020	1	570	455	275
01/07/2020	2	540	455	266
01/07/2020	3	510	455	261
01/07/2020	4	470	455	259
01/07/2020	5	490	455	266
01/07/2020	6	500	455	276
01/07/2020	7	504	455	281
01/07/2020	8	540	455	309
01/07/2020	9	545	460	341
01/07/2020	10	550	460	364
01/07/2020	11	580	460	377
01/07/2020	12	510	460	368
01/07/2020	13	460	455	367
01/07/2020	14	590	460	381
01/07/2020	15	580	460	377
01/07/2020	16	550	460	374
01/07/2020	17	460	455	358
01/07/2020	18	540	460	369
01/07/2020	19	500	460	363
01/07/2020	20	470	460	355
01/07/2020	21	460	455	344
01/07/2020	22	460	455	328
01/07/2020	23	460	455	310
01/07/2020	24	460	455	292
01/08/2020	1	570	455	288
01/08/2020	2	530	455	277
01/08/2020	3	507	455	271
01/08/2020	4	470	455	265
01/08/2020	5	490	455	267
01/08/2020	6	500	455	272
01/08/2020	7	530	455	279
01/08/2020	8	540	455	308
01/08/2020	9	545	455	343
01/08/2020	10	550	455	361
01/08/2020	11	580	455	379
01/08/2020	12	510	455	371
01/08/2020	13	455	450	370
01/08/2020	14	578	455	383
01/08/2020	15	550	455	379
01/08/2020	16	550	455	378

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/08/2020	17	455	452	358
01/08/2020	18	550	455	371
01/08/2020	19	500	455	360
01/08/2020	20	470	455	352
01/08/2020	21	455	450	348
01/08/2020	22	455	450	335
01/08/2020	23	455	420	314
01/08/2020	24	455	420	298
01/09/2020	1	568	455	277
01/09/2020	2	500	455	271
01/09/2020	3	480	455	264
01/09/2020	4	455	440	261
01/09/2020	5	500	455	266
01/09/2020	6	510	455	281
01/09/2020	7	510	455	288
01/09/2020	8	518	455	315
01/09/2020	9	545	460	347
01/09/2020	10	550	460	367
01/09/2020	11	580	460	381
01/09/2020	12	510	460	375
01/09/2020	13	460	455	369
01/09/2020	14	580	460	382
01/09/2020	15	544	460	379
01/09/2020	16	550	460	376
01/09/2020	17	500	460	363
01/09/2020	18	550	460	372
01/09/2020	19	500	460	366
01/09/2020	20	470	460	358
01/09/2020	21	470	460	351
01/09/2020	22	470	460	342
01/09/2020	23	460	455	324
01/09/2020	24	460	455	307
01/10/2020	1	565	455	279
01/10/2020	2	545	455	269
01/10/2020	3	505	455	262
01/10/2020	4	475	455	258
01/10/2020	5	495	455	262
01/10/2020	6	511	455	269
01/10/2020	7	500	455	274
01/10/2020	8	514	455	301
01/10/2020	9	545	460	335
01/10/2020	10	550	460	355
01/10/2020	11	580	460	369
01/10/2020	12	510	460	362
01/10/2020	13	460	455	361
01/10/2020	14	580	460	375
01/10/2020	15	544	460	370
01/10/2020	16	540	460	364
01/10/2020	17	460	455	328
01/10/2020	18	550	460	361
01/10/2020	19	540	460	354
01/10/2020	20	470	460	347
01/10/2020	21	470	460	341
01/10/2020	22	470	460	328
01/10/2020	23	460	455	313
01/10/2020	24	460	455	295
01/11/2020	1	512	460	279
01/11/2020	2	525	460	272
01/11/2020	3	509	460	266
01/11/2020	4	460	455	259
01/11/2020	5	480	460	260
01/11/2020	6	460	460	262
01/11/2020	7	493	455	265
01/11/2020	8	500	460	292
01/11/2020	9	500	460	316

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/11/2020	10	525	460	342
01/11/2020	11	525	460	353
01/11/2020	12	476	460	347
01/11/2020	13	460	455	344
01/11/2020	14	550	460	352
01/11/2020	15	475	460	347
01/11/2020	16	460	455	340
01/11/2020	17	475	460	327
01/11/2020	18	490	460	337
01/11/2020	19	500	460	339
01/11/2020	20	500	460	337
01/11/2020	21	480	460	328
01/11/2020	22	460	455	317
01/11/2020	23	520	460	302
01/11/2020	24	520	460	287
01/12/2020	1	560	455	269
01/12/2020	2	530	455	259
01/12/2020	3	470	455	248
01/12/2020	4	455	430	246
01/12/2020	5	455	450	248
01/12/2020	6	455	440	248
01/12/2020	7	480	455	264
01/12/2020	8	518	460	303
01/12/2020	9	545	460	340
01/12/2020	10	550	460	363
01/12/2020	11	580	460	378
01/12/2020	12	510	460	368
01/12/2020	13	460	455	366
01/12/2020	14	647	460	382
01/12/2020	15	573	460	378
01/12/2020	16	520	460	374
01/12/2020	17	500	460	360
01/12/2020	18	580	460	371
01/12/2020	19	560	460	367
01/12/2020	20	470	460	359
01/12/2020	21	470	460	351
01/12/2020	22	470	460	337
01/12/2020	23	460	455	316
01/12/2020	24	460	455	301
01/13/2020	1	560	455	269
01/13/2020	2	530	455	259
01/13/2020	3	470	455	248
01/13/2020	4	455	430	246
01/13/2020	5	455	450	248
01/13/2020	6	455	440	248
01/13/2020	7	480	455	264
01/13/2020	8	518	460	303
01/13/2020	9	545	460	340
01/13/2020	10	550	460	363
01/13/2020	11	580	460	378
01/13/2020	12	510	460	368
01/13/2020	13	460	455	366
01/13/2020	14	647	460	382
01/13/2020	15	573	460	378
01/13/2020	16	520	460	374
01/13/2020	17	500	460	360
01/13/2020	18	580	460	371
01/13/2020	19	560	460	367
01/13/2020	20	470	460	359
01/13/2020	21	470	460	351
01/13/2020	22	470	460	337
01/13/2020	23	460	455	316
01/13/2020	24	460	455	301
01/14/2020	1	600	518	265
01/14/2020	2	560	458	257

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/14/2020	3	519	420	251
01/14/2020	4	494	380	248
01/14/2020	5	580	480	255
01/14/2020	6	647	580	268
01/14/2020	7	647	620	270
01/14/2020	8	647	647	296
01/14/2020	9	647	647	329
01/14/2020	10	647	647	353
01/14/2020	11	647	647	365
01/14/2020	12	647	647	356
01/14/2020	13	647	647	354
01/14/2020	14	647	647	368
01/14/2020	15	647	647	365
01/14/2020	16	647	647	361
01/14/2020	17	647	647	348
01/14/2020	18	647	647	350
01/14/2020	19	647	647	348
01/14/2020	20	647	647	352
01/14/2020	21	647	647	328
01/14/2020	22	647	647	313
01/14/2020	23	647	647	296
01/14/2020	24	647	647	282
01/15/2020	1	647	597	267
01/15/2020	2	591	550	260
01/15/2020	3	525	440	253
01/15/2020	4	490	352	250
01/15/2020	5	570	500	258
01/15/2020	6	580	540	267
01/15/2020	7	580	540	267
01/15/2020	8	647	550	296
01/15/2020	9	647	550	327
01/15/2020	10	647	526	347
01/15/2020	11	647	527	357
01/15/2020	12	580	500	349
01/15/2020	13	560	500	346
01/15/2020	14	647	600	360
01/15/2020	15	647	580	358
01/15/2020	16	647	560	354
01/15/2020	17	647	550	338
01/15/2020	18	647	560	343
01/15/2020	19	647	560	342
01/15/2020	20	590	530	334
01/15/2020	21	590	520	323
01/15/2020	22	580	500	307
01/15/2020	23	550	480	290
01/15/2020	24	500	450	275
01/16/2020	1	647	344	270
01/16/2020	2	647	344	262
01/16/2020	3	647	344	253
01/16/2020	4	647	344	252
01/16/2020	5	647	344	259
01/16/2020	6	647	344	268
01/16/2020	7	647	344	273
01/16/2020	8	647	344	298
01/16/2020	9	647	344	328
01/16/2020	10	647	344	349
01/16/2020	11	647	344	365
01/16/2020	12	647	344	356
01/16/2020	13	647	344	355
01/16/2020	14	647	344	369
01/16/2020	15	647	344	364
01/16/2020	16	647	344	358
01/16/2020	17	647	344	345
01/16/2020	18	647	344	354
01/16/2020	19	647	344	348

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/16/2020	20	647	344	340
01/16/2020	21	647	344	331
01/16/2020	22	647	344	314
01/16/2020	23	647	344	296
01/16/2020	24	647	344	282
01/17/2020	1	647	344	271
01/17/2020	2	647	344	264
01/17/2020	3	550	344	254
01/17/2020	4	500	344	254
01/17/2020	5	553	344	261
01/17/2020	6	647	344	270
01/17/2020	7	647	344	274
01/17/2020	8	647	344	300
01/17/2020	9	647	344	333
01/17/2020	10	647	344	353
01/17/2020	11	647	344	369
01/17/2020	12	647	344	360
01/17/2020	13	647	344	360
01/17/2020	14	647	344	372
01/17/2020	15	647	344	368
01/17/2020	16	647	344	363
01/17/2020	17	647	344	349
01/17/2020	18	647	344	359
01/17/2020	19	647	344	353
01/17/2020	20	647	344	345
01/17/2020	21	647	344	335
01/17/2020	22	647	344	318
01/17/2020	23	647	344	301
01/17/2020	24	555	344	286
01/18/2020	1	550	455	277
01/18/2020	2	530	455	270
01/18/2020	3	520	455	265
01/18/2020	4	520	455	261
01/18/2020	5	520	455	261
01/18/2020	6	500	344	263
01/18/2020	7	550	344	271
01/18/2020	8	550	352	292
01/18/2020	9	600	430	321
01/18/2020	10	600	455	345
01/18/2020	11	647	455	359
01/18/2020	12	607	455	352
01/18/2020	13	550	455	347
01/18/2020	14	647	455	356
01/18/2020	15	532	455	353
01/18/2020	16	510	455	347
01/18/2020	17	500	455	337
01/18/2020	18	630	455	347
01/18/2020	19	647	455	353
01/18/2020	20	647	455	348
01/18/2020	21	600	455	341
01/18/2020	22	580	455	327
01/18/2020	23	560	455	310
01/18/2020	24	550	455	292
01/19/2020	1	580	455	275
01/19/2020	2	530	455	262
01/19/2020	3	500	455	256
01/19/2020	4	455	450	253
01/19/2020	5	455	430	251
01/19/2020	6	455	440	252
01/19/2020	7	480	455	256
01/19/2020	8	593	455	276
01/19/2020	9	647	455	305
01/19/2020	10	647	455	322
01/19/2020	11	647	455	328
01/19/2020	12	567	455	328

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/19/2020	13	552	455	325
01/19/2020	14	647	455	332
01/19/2020	15	647	455	331
01/19/2020	16	647	455	320
01/19/2020	17	580	455	311
01/19/2020	18	647	455	336
01/19/2020	19	647	455	334
01/19/2020	20	647	455	331
01/19/2020	21	647	455	325
01/19/2020	22	541	455	316
01/19/2020	23	465	455	302
01/19/2020	24	455	420	286
01/20/2020	1	580	455	271
01/20/2020	2	530	455	261
01/20/2020	3	500	455	252
01/20/2020	4	455	450	250
01/20/2020	5	455	430	255
01/20/2020	6	455	440	270
01/20/2020	7	480	455	274
01/20/2020	8	593	455	308
01/20/2020	9	647	455	345
01/20/2020	10	647	455	367
01/20/2020	11	647	455	381
01/20/2020	12	567	455	370
01/20/2020	13	552	455	368
01/20/2020	14	647	455	384
01/20/2020	15	647	455	381
01/20/2020	16	647	455	377
01/20/2020	17	580	455	362
01/20/2020	18	647	455	376
01/20/2020	19	647	455	370
01/20/2020	20	647	455	363
01/20/2020	21	647	455	358
01/20/2020	22	541	455	345
01/20/2020	23	480	455	329
01/20/2020	24	470	455	310
01/21/2020	1	647	360	293
01/21/2020	2	580	360	265
01/21/2020	3	523	360	261
01/21/2020	4	510	360	257
01/21/2020	5	520	360	264
01/21/2020	6	570	360	275
01/21/2020	7	580	360	286
01/21/2020	8	607	360	309
01/21/2020	9	647	360	340
01/21/2020	10	647	360	362
01/21/2020	11	647	420	375
01/21/2020	12	599	420	367
01/21/2020	13	520	420	365
01/21/2020	14	647	420	377
01/21/2020	15	647	420	374
01/21/2020	16	647	420	371
01/21/2020	17	647	420	359
01/21/2020	18	647	420	363
01/21/2020	19	647	420	362
01/21/2020	20	570	420	354
01/21/2020	21	550	420	346
01/21/2020	22	460	420	329
01/21/2020	23	450	420	311
01/21/2020	24	420	420	294
01/22/2020	1	568	370	276
01/22/2020	2	540	370	269
01/22/2020	3	500	370	262
01/22/2020	4	460	370	259
01/22/2020	5	470	370	266

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/22/2020	6	483	370	275
01/22/2020	7	520	370	291
01/22/2020	8	530	370	302
01/22/2020	9	550	370	338
01/22/2020	10	580	420	359
01/22/2020	11	590	420	365
01/22/2020	12	520	420	357
01/22/2020	13	500	420	354
01/22/2020	14	580	420	373
01/22/2020	15	550	420	368
01/22/2020	16	520	420	365
01/22/2020	17	500	420	351
01/22/2020	18	510	420	354
01/22/2020	19	520	420	356
01/22/2020	20	480	420	349
01/22/2020	21	470	420	341
01/22/2020	22	430	420	324
01/22/2020	23	420	400	309
01/22/2020	24	420	380	292
01/23/2020	1	580	450	276
01/23/2020	2	530	420	269
01/23/2020	3	480	400	262
01/23/2020	4	460	380	260
01/23/2020	5	470	420	265
01/23/2020	6	483	450	277
01/23/2020	7	450	420	277
01/23/2020	8	530	450	302
01/23/2020	9	550	470	334
01/23/2020	10	580	500	353
01/23/2020	11	590	580	367
01/23/2020	12	550	520	360
01/23/2020	13	540	500	358
01/23/2020	14	647	580	373
01/23/2020	15	605	550	368
01/23/2020	16	550	517	365
01/23/2020	17	500	482	350
01/23/2020	18	580	537	355
01/23/2020	19	540	491	353
01/23/2020	20	500	442	346
01/23/2020	21	480	420	339
01/23/2020	22	450	420	325
01/23/2020	23	420	420	308
01/23/2020	24	420	400	294
01/24/2020	1	600	545	284
01/24/2020	2	564	500	277
01/24/2020	3	480	455	271
01/24/2020	4	454	400	262
01/24/2020	5	470	434	268
01/24/2020	6	550	516	278
01/24/2020	7	450	420	279
01/24/2020	8	530	450	306
01/24/2020	9	550	470	338
01/24/2020	10	556	500	359
01/24/2020	11	570	520	368
01/24/2020	12	520	500	358
01/24/2020	13	540	500	359
01/24/2020	14	647	550	370
01/24/2020	15	580	520	364
01/24/2020	16	550	500	362
01/24/2020	17	500	480	350
01/24/2020	18	580	538	352
01/24/2020	19	580	540	353
01/24/2020	20	550	468	347
01/24/2020	21	500	450	339
01/24/2020	22	450	420	324

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/24/2020	23	420	420	307
01/24/2020	24	420	400	291
01/25/2020	1	647	647	285
01/25/2020	2	647	647	275
01/25/2020	3	647	647	268
01/25/2020	4	600	575	263
01/25/2020	5	580	550	262
01/25/2020	6	571	570	264
01/25/2020	7	500	500	260
01/25/2020	8	550	550	288
01/25/2020	9	600	600	316
01/25/2020	10	647	647	336
01/25/2020	11	647	647	348
01/25/2020	12	647	647	342
01/25/2020	13	623	600	339
01/25/2020	14	647	647	348
01/25/2020	15	647	647	345
01/25/2020	16	647	647	339
01/25/2020	17	600	549	329
01/25/2020	18	647	647	337
01/25/2020	19	647	647	342
01/25/2020	20	647	647	338
01/25/2020	21	647	647	332
01/25/2020	22	647	647	320
01/25/2020	23	647	647	305
01/25/2020	24	647	647	288
01/26/2020	1	605	550	275
01/26/2020	2	530	476	266
01/26/2020	3	500	474	259
01/26/2020	4	460	444	252
01/26/2020	5	451	450	251
01/26/2020	6	485	460	251
01/26/2020	7	438	420	252
01/26/2020	8	647	543	272
01/26/2020	9	647	647	303
01/26/2020	10	647	647	312
01/26/2020	11	647	647	319
01/26/2020	12	647	647	318
01/26/2020	13	647	647	316
01/26/2020	14	647	647	323
01/26/2020	15	647	647	322
01/26/2020	16	647	613	311
01/26/2020	17	580	550	302
01/26/2020	18	647	647	327
01/26/2020	19	647	647	325
01/26/2020	20	647	647	322
01/26/2020	21	647	647	316
01/26/2020	22	647	627	306
01/26/2020	23	647	571	293
01/26/2020	24	580	500	277
01/27/2020	1	580	532	274
01/27/2020	2	510	448	264
01/27/2020	3	500	430	257
01/27/2020	4	488	420	250
01/27/2020	5	470	425	248
01/27/2020	6	480	430	249
01/27/2020	7	438	420	254
01/27/2020	8	572	550	294
01/27/2020	9	647	550	343
01/27/2020	10	647	548	364
01/27/2020	11	647	548	373
01/27/2020	12	647	548	363
01/27/2020	13	647	548	364
01/27/2020	14	647	548	375
01/27/2020	15	647	548	369

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/27/2020	16	647	613	367
01/27/2020	17	580	520	355
01/27/2020	18	647	647	357
01/27/2020	19	647	647	358
01/27/2020	20	647	600	351
01/27/2020	21	580	550	344
01/27/2020	22	560	520	328
01/27/2020	23	550	500	312
01/27/2020	24	500	450	296
01/28/2020	1	647	580	288
01/28/2020	2	580	550	279
01/28/2020	3	550	500	271
01/28/2020	4	500	470	268
01/28/2020	5	550	500	276
01/28/2020	6	582	370	288
01/28/2020	7	550	400	288
01/28/2020	8	572	550	319
01/28/2020	9	580	550	351
01/28/2020	10	647	583	371
01/28/2020	11	647	647	385
01/28/2020	12	550	520	376
01/28/2020	13	500	496	375
01/28/2020	14	647	647	387
01/28/2020	15	647	647	386
01/28/2020	16	647	647	382
01/28/2020	17	647	604	366
01/28/2020	18	647	610	370
01/28/2020	19	647	562	370
01/28/2020	20	571	500	361
01/28/2020	21	550	480	353
01/28/2020	22	520	450	334
01/28/2020	23	500	420	315
01/28/2020	24	450	420	297
01/29/2020	1	647	590	295
01/29/2020	2	590	550	288
01/29/2020	3	550	490	279
01/29/2020	4	550	480	283
01/29/2020	5	580	480	287
01/29/2020	6	570	480	303
01/29/2020	7	580	420	297
01/29/2020	8	531	500	316
01/29/2020	9	580	536	347
01/29/2020	10	647	551	369
01/29/2020	11	647	647	381
01/29/2020	12	647	550	373
01/29/2020	13	647	550	374
01/29/2020	14	647	647	390
01/29/2020	15	647	647	386
01/29/2020	16	647	647	383
01/29/2020	17	647	578	366
01/29/2020	18	647	647	366
01/29/2020	19	647	647	369
01/29/2020	20	571	500	361
01/29/2020	21	550	473	352
01/29/2020	22	520	420	336
01/29/2020	23	500	420	323
01/29/2020	24	450	420	307
01/30/2020	1	476	450	283
01/30/2020	2	352	340	272
01/30/2020	3	344	334	267
01/30/2020	4	400	344	264
01/30/2020	5	475	427	273
01/30/2020	6	472	402	285
01/30/2020	7	467	438	287
01/30/2020	8	550	532	312

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/30/2020	9	575	536	345
01/30/2020	10	647	630	364
01/30/2020	11	647	647	377
01/30/2020	12	647	587	367
01/30/2020	13	647	575	366
01/30/2020	14	647	647	384
01/30/2020	15	647	647	378
01/30/2020	16	647	647	375
01/30/2020	17	580	580	360
01/30/2020	18	647	647	363
01/30/2020	19	647	647	363
01/30/2020	20	575	566	356
01/30/2020	21	575	561	347
01/30/2020	22	520	420	330
01/30/2020	23	500	420	314
01/30/2020	24	450	420	296
01/31/2020	1	580	502	281
01/31/2020	2	500	450	272
01/31/2020	3	420	380	263
01/31/2020	4	410	370	262
01/31/2020	5	452	420	271
01/31/2020	6	523	450	282
01/31/2020	7	508	450	285
01/31/2020	8	560	530	313
01/31/2020	9	570	536	343
01/31/2020	10	580	540	362
01/31/2020	11	598	550	372
01/31/2020	12	550	500	362
01/31/2020	13	540	480	358
01/31/2020	14	560	500	372
01/31/2020	15	543	480	367
01/31/2020	16	500	450	361
01/31/2020	17	475	440	345
01/31/2020	18	545	480	346
01/31/2020	19	535	470	348
01/31/2020	20	500	450	338
01/31/2020	21	575	561	337
01/31/2020	22	520	420	313
01/31/2020	23	500	420	298
01/31/2020	24	450	420	283
02/01/2020	1	500	450	273
02/01/2020	2	500	450	265
02/01/2020	3	420	380	258
02/01/2020	4	400	350	253
02/01/2020	5	480	427	252
02/01/2020	6	490	473	253
02/01/2020	7	520	450	256
02/01/2020	8	500	475	275
02/01/2020	9	500	480	303
02/01/2020	10	500	480	323
02/01/2020	11	578	550	335
02/01/2020	12	500	450	328
02/01/2020	13	500	450	327
02/01/2020	14	500	470	333
02/01/2020	15	500	450	331
02/01/2020	16	475	450	326
02/01/2020	17	467	440	316
02/01/2020	18	500	480	328
02/01/2020	19	500	462	330
02/01/2020	20	500	450	326
02/01/2020	21	500	450	321
02/01/2020	22	500	420	309
02/01/2020	23	500	420	296
02/01/2020	24	500	420	281
02/02/2020	1	566	500	272

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/02/2020	2	500	488	262
02/02/2020	3	480	420	256
02/02/2020	4	420	380	249
02/02/2020	5	410	370	247
02/02/2020	6	430	380	242
02/02/2020	7	530	400	250
02/02/2020	8	560	529	276
02/02/2020	9	570	530	290
02/02/2020	10	581	540	299
02/02/2020	11	598	550	306
02/02/2020	12	550	500	305
02/02/2020	13	540	480	303
02/02/2020	14	586	500	309
02/02/2020	15	580	489	308
02/02/2020	16	500	450	297
02/02/2020	17	470	420	288
02/02/2020	18	550	480	311
02/02/2020	19	580	500	314
02/02/2020	20	500	450	309
02/02/2020	21	480	440	302
02/02/2020	22	460	420	293
02/02/2020	23	500	420	279
02/02/2020	24	450	420	263
02/03/2020	1	548	450	270
02/03/2020	2	480	440	260
02/03/2020	3	450	400	254
02/03/2020	4	420	380	247
02/03/2020	5	410	370	246
02/03/2020	6	430	350	242
02/03/2020	7	530	360	254
02/03/2020	8	560	529	292
02/03/2020	9	570	530	337
02/03/2020	10	600	540	362
02/03/2020	11	618	550	373
02/03/2020	12	550	500	366
02/03/2020	13	540	480	365
02/03/2020	14	647	500	381
02/03/2020	15	580	489	378
02/03/2020	16	500	450	376
02/03/2020	17	470	420	360
02/03/2020	18	550	480	359
02/03/2020	19	583	500	364
02/03/2020	20	500	450	353
02/03/2020	21	480	440	343
02/03/2020	22	447	420	323
02/03/2020	23	500	420	305
02/03/2020	24	450	420	289
02/04/2020	1	580	474	262
02/04/2020	2	550	440	253
02/04/2020	3	452	400	248
02/04/2020	4	420	373	244
02/04/2020	5	500	420	249
02/04/2020	6	500	450	260
02/04/2020	7	500	400	265
02/04/2020	8	550	420	292
02/04/2020	9	560	430	319
02/04/2020	10	580	430	340
02/04/2020	11	590	430	353
02/04/2020	12	550	420	347
02/04/2020	13	500	420	346
02/04/2020	14	550	446	355
02/04/2020	15	520	435	354
02/04/2020	16	500	450	351
02/04/2020	17	470	431	339
02/04/2020	18	550	450	344

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/04/2020	19	560	459	344
02/04/2020	20	543	450	335
02/04/2020	21	480	436	328
02/04/2020	22	460	420	313
02/04/2020	23	440	420	297
02/04/2020	24	425	420	282
02/05/2020	1	560	450	257
02/05/2020	2	510	420	250
02/05/2020	3	430	380	241
02/05/2020	4	420	373	237
02/05/2020	5	500	425	245
02/05/2020	6	550	464	254
02/05/2020	7	500	400	252
02/05/2020	8	550	420	281
02/05/2020	9	560	420	312
02/05/2020	10	571	430	330
02/05/2020	11	590	430	340
02/05/2020	12	550	420	332
02/05/2020	13	548	420	330
02/05/2020	14	580	450	343
02/05/2020	15	539	435	341
02/05/2020	16	500	428	338
02/05/2020	17	470	428	323
02/05/2020	18	531	440	327
02/05/2020	19	515	420	326
02/05/2020	20	500	420	319
02/05/2020	21	460	422	312
02/05/2020	22	460	420	297
02/05/2020	23	440	420	280
02/05/2020	24	420	369	266
02/06/2020	1	580	454	267
02/06/2020	2	510	420	256
02/06/2020	3	430	380	251
02/06/2020	4	420	360	247
02/06/2020	5	503	420	259
02/06/2020	6	580	480	271
02/06/2020	7	500	400	273
02/06/2020	8	550	409	297
02/06/2020	9	580	450	328
02/06/2020	10	590	430	348
02/06/2020	11	647	430	357
02/06/2020	12	550	420	349
02/06/2020	13	548	420	349
02/06/2020	14	647	580	363
02/06/2020	15	582	520	360
02/06/2020	16	500	450	357
02/06/2020	17	470	420	344
02/06/2020	18	520	440	344
02/06/2020	19	550	449	345
02/06/2020	20	550	450	337
02/06/2020	21	460	420	329
02/06/2020	22	460	420	315
02/06/2020	23	450	420	301
02/06/2020	24	420	378	284
02/07/2020	1	584	450	274
02/07/2020	2	550	430	266
02/07/2020	3	500	400	258
02/07/2020	4	460	398	256
02/07/2020	5	500	430	265
02/07/2020	6	529	500	278
02/07/2020	7	500	442	281
02/07/2020	8	520	500	305
02/07/2020	9	540	450	337
02/07/2020	10	580	474	358
02/07/2020	11	647	547	370

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/07/2020	12	550	465	362
02/07/2020	13	550	439	361
02/07/2020	14	647	647	375
02/07/2020	15	647	610	374
02/07/2020	16	580	557	374
02/07/2020	17	500	402	359
02/07/2020	18	520	455	356
02/07/2020	19	600	586	362
02/07/2020	20	534	500	350
02/07/2020	21	460	420	338
02/07/2020	22	460	402	318
02/07/2020	23	450	400	303
02/07/2020	24	400	300	285
02/08/2020	1	500	450	283
02/08/2020	2	500	430	275
02/08/2020	3	480	430	267
02/08/2020	4	490	490	264
02/08/2020	5	490	480	263
02/08/2020	6	500	492	266
02/08/2020	7	500	420	270
02/08/2020	8	529	450	293
02/08/2020	9	530	450	321
02/08/2020	10	550	500	343
02/08/2020	11	646	500	354
02/08/2020	12	523	438	348
02/08/2020	13	529	420	345
02/08/2020	14	605	500	354
02/08/2020	15	580	500	351
02/08/2020	16	500	450	345
02/08/2020	17	500	450	334
02/08/2020	18	538	450	342
02/08/2020	19	647	541	347
02/08/2020	20	584	500	341
02/08/2020	21	508	452	334
02/08/2020	22	490	450	321
02/08/2020	23	450	415	305
02/08/2020	24	450	415	289
02/09/2020	1	580	494	273
02/09/2020	2	550	430	264
02/09/2020	3	494	400	257
02/09/2020	4	424	398	250
02/09/2020	5	500	380	249
02/09/2020	6	480	380	249
02/09/2020	7	470	350	250
02/09/2020	8	500	480	270
02/09/2020	9	551	500	302
02/09/2020	10	580	510	311
02/09/2020	11	590	550	318
02/09/2020	12	550	460	317
02/09/2020	13	540	430	315
02/09/2020	14	647	561	321
02/09/2020	15	647	525	320
02/09/2020	16	550	500	309
02/09/2020	17	500	420	300
02/09/2020	18	582	550	323
02/09/2020	19	600	557	326
02/09/2020	20	580	550	321
02/09/2020	21	500	460	314
02/09/2020	22	460	434	305
02/09/2020	23	450	420	292
02/09/2020	24	420	415	276
02/10/2020	1	550	480	267
02/10/2020	2	520	420	258
02/10/2020	3	480	400	254
02/10/2020	4	420	380	247

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/10/2020	5	500	270	246
02/10/2020	6	480	250	242
02/10/2020	7	500	315	255
02/10/2020	8	540	490	287
02/10/2020	9	551	500	317
02/10/2020	10	580	510	338
02/10/2020	11	590	520	351
02/10/2020	12	540	489	354
02/10/2020	13	565	450	353
02/10/2020	14	647	647	367
02/10/2020	15	647	531	364
02/10/2020	16	550	500	360
02/10/2020	17	537	450	343
02/10/2020	18	550	500	345
02/10/2020	19	600	557	347
02/10/2020	20	580	550	338
02/10/2020	21	500	460	332
02/10/2020	22	460	434	318
02/10/2020	23	450	420	301
02/10/2020	24	420	400	286
02/11/2020	1	580	488	269
02/11/2020	2	530	440	259
02/11/2020	3	450	350	252
02/11/2020	4	400	320	249
02/11/2020	5	450	350	257
02/11/2020	6	550	450	268
02/11/2020	7	580	480	270
02/11/2020	8	590	490	297
02/11/2020	9	595	500	329
02/11/2020	10	580	510	347
02/11/2020	11	631	520	360
02/11/2020	12	503	475	352
02/11/2020	13	510	428	351
02/11/2020	14	647	608	362
02/11/2020	15	647	600	361
02/11/2020	16	580	552	357
02/11/2020	17	555	487	342
02/11/2020	18	560	490	346
02/11/2020	19	580	500	346
02/11/2020	20	559	500	337
02/11/2020	21	500	491	330
02/11/2020	22	483	450	312
02/11/2020	23	450	420	294
02/11/2020	24	420	400	278
02/12/2020	1	570	450	264
02/12/2020	2	520	420	256
02/12/2020	3	458	360	250
02/12/2020	4	441	320	248
02/12/2020	5	470	388	258
02/12/2020	6	550	450	271
02/12/2020	7	580	480	279
02/12/2020	8	590	490	300
02/12/2020	9	620	500	331
02/12/2020	10	647	528	353
02/12/2020	11	647	615	363
02/12/2020	12	503	444	353
02/12/2020	13	460	420	351
02/12/2020	14	647	647	364
02/12/2020	15	647	643	362
02/12/2020	16	573	537	362
02/12/2020	17	528	480	349
02/12/2020	18	500	480	349
02/12/2020	19	647	563	355
02/12/2020	20	520	500	344
02/12/2020	21	480	450	334

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/12/2020	22	450	420	315
02/12/2020	23	420	420	297
02/12/2020	24	420	416	280
02/13/2020	1	560	440	271
02/13/2020	2	500	423	261
02/13/2020	3	460	423	255
02/13/2020	4	430	423	253
02/13/2020	5	490	423	262
02/13/2020	6	552	450	274
02/13/2020	7	560	460	275
02/13/2020	8	580	470	300
02/13/2020	9	590	470	332
02/13/2020	10	590	470	351
02/13/2020	11	590	480	363
02/13/2020	12	510	420	353
02/13/2020	13	460	420	353
02/13/2020	14	647	549	369
02/13/2020	15	573	520	364
02/13/2020	16	540	480	360
02/13/2020	17	500	450	346
02/13/2020	18	500	460	349
02/13/2020	19	550	476	349
02/13/2020	20	520	450	342
02/13/2020	21	470	420	333
02/13/2020	22	450	420	317
02/13/2020	23	420	420	301
02/13/2020	24	420	420	285
02/14/2020	1	580	464	272
02/14/2020	2	520	425	264
02/14/2020	3	460	423	257
02/14/2020	4	448	423	256
02/14/2020	5	520	423	265
02/14/2020	6	550	450	275
02/14/2020	7	500	423	276
02/14/2020	8	550	478	308
02/14/2020	9	555	480	339
02/14/2020	10	574	480	359
02/14/2020	11	585	490	368
02/14/2020	12	463	430	358
02/14/2020	13	437	420	355
02/14/2020	14	600	553	368
02/14/2020	15	560	500	362
02/14/2020	16	500	460	359
02/14/2020	17	450	435	344
02/14/2020	18	470	420	345
02/14/2020	19	550	450	347
02/14/2020	20	500	450	337
02/14/2020	21	500	450	334
02/14/2020	22	420	415	311
02/14/2020	23	420	415	295
02/14/2020	24	465	420	279
02/15/2020	1	450	415	278
02/15/2020	2	450	415	269
02/15/2020	3	430	415	263
02/15/2020	4	415	400	259
02/15/2020	5	415	400	259
02/15/2020	6	430	415	263
02/15/2020	7	420	415	258
02/15/2020	8	450	415	290
02/15/2020	9	455	415	316
02/15/2020	10	604	420	338
02/15/2020	11	647	420	353
02/15/2020	12	550	420	346
02/15/2020	13	550	420	343
02/15/2020	14	647	420	352

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/15/2020	15	647	420	348
02/15/2020	16	548	420	342
02/15/2020	17	500	420	332
02/15/2020	18	647	420	340
02/15/2020	19	647	420	347
02/15/2020	20	647	420	343
02/15/2020	21	630	420	337
02/15/2020	22	500	420	324
02/15/2020	23	450	420	308
02/15/2020	24	449	420	290
02/16/2020	1	600	415	269
02/16/2020	2	564	415	260
02/16/2020	3	519	352	253
02/16/2020	4	489	352	246
02/16/2020	5	449	352	245
02/16/2020	6	460	344	245
02/16/2020	7	450	344	246
02/16/2020	8	480	352	266
02/16/2020	9	480	352	293
02/16/2020	10	480	420	302
02/16/2020	11	510	420	309
02/16/2020	12	427	420	308
02/16/2020	13	420	415	306
02/16/2020	14	563	420	312
02/16/2020	15	530	420	311
02/16/2020	16	420	420	300
02/16/2020	17	420	415	291
02/16/2020	18	480	420	314
02/16/2020	19	636	420	317
02/16/2020	20	540	420	312
02/16/2020	21	447	420	305
02/16/2020	22	420	418	296
02/16/2020	23	420	410	283
02/16/2020	24	465	420	267
02/17/2020	1	560	415	267
02/17/2020	2	510	415	259
02/17/2020	3	480	350	256
02/17/2020	4	454	352	254
02/17/2020	5	483	352	258
02/17/2020	6	460	352	269
02/17/2020	7	450	352	272
02/17/2020	8	480	450	305
02/17/2020	9	500	480	335
02/17/2020	10	550	480	356
02/17/2020	11	580	510	365
02/17/2020	12	500	420	354
02/17/2020	13	500	420	351
02/17/2020	14	590	556	365
02/17/2020	15	550	498	361
02/17/2020	16	540	460	358
02/17/2020	17	480	420	348
02/17/2020	18	500	420	348
02/17/2020	19	550	458	355
02/17/2020	20	490	450	344
02/17/2020	21	483	447	333
02/17/2020	22	480	420	312
02/17/2020	23	450	420	294
02/17/2020	24	420	420	278
02/18/2020	1	560	450	281
02/18/2020	2	510	420	271
02/18/2020	3	480	400	262
02/18/2020	4	450	380	260
02/18/2020	5	505	400	268
02/18/2020	6	531	400	277
02/18/2020	7	450	410	278

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/18/2020	8	561	465	306
02/18/2020	9	647	647	343
02/18/2020	10	647	647	367
02/18/2020	11	647	647	380
02/18/2020	12	647	647	373
02/18/2020	13	647	647	373
02/18/2020	14	647	647	390
02/18/2020	15	647	647	387
02/18/2020	16	647	647	382
02/18/2020	17	580	529	366
02/18/2020	18	529	455	360
02/18/2020	19	647	647	368
02/18/2020	20	647	647	359
02/18/2020	21	580	550	349
02/18/2020	22	575	500	330
02/18/2020	23	455	450	311
02/18/2020	24	455	420	292
02/19/2020	1	550	440	274
02/19/2020	2	510	420	265
02/19/2020	3	500	410	259
02/19/2020	4	469	400	256
02/19/2020	5	568	440	268
02/19/2020	6	578	450	281
02/19/2020	7	521	410	284
02/19/2020	8	561	477	309
02/19/2020	9	647	540	343
02/19/2020	10	647	636	368
02/19/2020	11	647	647	379
02/19/2020	12	647	540	370
02/19/2020	13	647	516	370
02/19/2020	14	647	647	385
02/19/2020	15	647	647	384
02/19/2020	16	647	647	383
02/19/2020	17	579	540	368
02/19/2020	18	590	552	368
02/19/2020	19	647	647	374
02/19/2020	20	647	647	363
02/19/2020	21	580	550	350
02/19/2020	22	550	519	328
02/19/2020	23	500	455	310
02/19/2020	24	474	455	295
02/20/2020	1	560	440	276
02/20/2020	2	510	433	266
02/20/2020	3	500	418	260
02/20/2020	4	488	400	258
02/20/2020	5	505	440	268
02/20/2020	6	500	442	282
02/20/2020	7	489	400	288
02/20/2020	8	530	420	310
02/20/2020	9	550	450	343
02/20/2020	10	580	470	363
02/20/2020	11	647	485	374
02/20/2020	12	550	455	364
02/20/2020	13	515	460	361
02/20/2020	14	647	520	375
02/20/2020	15	647	517	373
02/20/2020	16	580	481	372
02/20/2020	17	520	460	357
02/20/2020	18	530	460	357
02/20/2020	19	580	550	363
02/20/2020	20	550	500	354
02/20/2020	21	520	460	342
02/20/2020	22	500	460	324
02/20/2020	23	480	460	308
02/20/2020	24	460	455	289

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/21/2020	1	522	430	261
02/21/2020	2	490	420	250
02/21/2020	3	480	438	247
02/21/2020	4	436	400	246
02/21/2020	5	480	440	256
02/21/2020	6	510	450	271
02/21/2020	7	490	400	274
02/21/2020	8	520	400	300
02/21/2020	9	540	460	330
02/21/2020	10	570	460	349
02/21/2020	11	580	460	363
02/21/2020	12	540	460	352
02/21/2020	13	510	460	353
02/21/2020	14	590	460	364
02/21/2020	15	570	460	361
02/21/2020	16	550	460	359
02/21/2020	17	480	460	345
02/21/2020	18	470	460	339
02/21/2020	19	580	460	347
02/21/2020	20	550	460	336
02/21/2020	21	520	460	324
02/21/2020	22	495	460	306
02/21/2020	23	460	455	288
02/21/2020	24	460	400	271
02/22/2020	1	475	415	267
02/22/2020	2	475	415	258
02/22/2020	3	450	350	252
02/22/2020	4	457	300	248
02/22/2020	5	480	350	248
02/22/2020	6	550	350	253
02/22/2020	7	550	350	258
02/22/2020	8	580	400	278
02/22/2020	9	580	460	303
02/22/2020	10	593	460	324
02/22/2020	11	647	460	340
02/22/2020	12	515	460	333
02/22/2020	13	500	460	330
02/22/2020	14	647	460	340
02/22/2020	15	570	460	335
02/22/2020	16	550	460	329
02/22/2020	17	550	460	316
02/22/2020	18	550	460	320
02/22/2020	19	580	460	333
02/22/2020	20	550	460	328
02/22/2020	21	540	460	320
02/22/2020	22	500	460	306
02/22/2020	23	475	455	289
02/22/2020	24	475	415	272
02/23/2020	1	580	460	270
02/23/2020	2	540	460	260
02/23/2020	3	524	352	254
02/23/2020	4	490	350	247
02/23/2020	5	554	352	245
02/23/2020	6	512	352	244
02/23/2020	7	550	352	253
02/23/2020	8	580	352	270
02/23/2020	9	591	460	287
02/23/2020	10	618	460	295
02/23/2020	11	647	460	302
02/23/2020	12	533	460	301
02/23/2020	13	460	455	299
02/23/2020	14	647	460	305
02/23/2020	15	632	460	304
02/23/2020	16	550	460	293
02/23/2020	17	480	460	285

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/23/2020	18	581	460	307
02/23/2020	19	647	460	310
02/23/2020	20	550	460	305
02/23/2020	21	480	460	299
02/23/2020	22	473	460	289
02/23/2020	23	460	455	276
02/23/2020	24	460	394	260
02/24/2020	1	549	460	268
02/24/2020	2	506	460	258
02/24/2020	3	421	350	252
02/24/2020	4	420	350	250
02/24/2020	5	471	352	256
02/24/2020	6	550	352	274
02/24/2020	7	550	352	280
02/24/2020	8	580	415	306
02/24/2020	9	647	460	340
02/24/2020	10	647	460	360
02/24/2020	11	647	460	371
02/24/2020	12	580	460	361
02/24/2020	13	550	460	358
02/24/2020	14	647	460	372
02/24/2020	15	647	460	370
02/24/2020	16	647	460	369
02/24/2020	17	550	460	354
02/24/2020	18	580	460	354
02/24/2020	19	647	460	360
02/24/2020	20	622	460	351
02/24/2020	21	581	460	339
02/24/2020	22	500	460	321
02/24/2020	23	460	455	305
02/24/2020	24	460	415	286
02/25/2020	1	415	393	270
02/25/2020	2	388	350	266
02/25/2020	3	388	350	259
02/25/2020	4	386	350	256
02/25/2020	5	378	344	257
02/25/2020	6	389	350	258
02/25/2020	7	351	323	254
02/25/2020	8	356	350	276
02/25/2020	9	449	430	298
02/25/2020	10	460	455	324
02/25/2020	11	463	455	332
02/25/2020	12	566	455	329
02/25/2020	13	603	455	329
02/25/2020	14	633	559	339
02/25/2020	15	582	505	334
02/25/2020	16	637	455	325
02/25/2020	17	633	455	316
02/25/2020	18	632	503	330
02/25/2020	19	647	647	349
02/25/2020	20	647	629	340
02/25/2020	21	628	600	330
02/25/2020	22	559	483	312
02/25/2020	23	506	455	293
02/25/2020	24	415	350	277
02/26/2020	1	500	460	276
02/26/2020	2	478	460	262
02/26/2020	3	414	350	252
02/26/2020	4	444	350	254
02/26/2020	5	500	399	260
02/26/2020	6	550	498	278
02/26/2020	7	500	420	284
02/26/2020	8	550	420	314
02/26/2020	9	550	460	342
02/26/2020	10	550	460	366

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/26/2020	11	600	460	379
02/26/2020	12	510	460	370
02/26/2020	13	500	460	370
02/26/2020	14	647	511	383
02/26/2020	15	647	499	381
02/26/2020	16	550	478	378
02/26/2020	17	463	460	363
02/26/2020	18	460	455	360
02/26/2020	19	647	460	366
02/26/2020	20	647	460	358
02/26/2020	21	538	460	349
02/26/2020	22	500	460	332
02/26/2020	23	460	455	313
02/26/2020	24	460	415	298
02/27/2020	1	455	415	275
02/27/2020	2	455	415	268
02/27/2020	3	455	415	258
02/27/2020	4	455	415	255
02/27/2020	5	455	415	265
02/27/2020	6	455	420	277
02/27/2020	7	455	420	286
02/27/2020	8	480	469	310
02/27/2020	9	530	525	341
02/27/2020	10	595	586	364
02/27/2020	11	620	604	376
02/27/2020	12	509	500	368
02/27/2020	13	550	540	369
02/27/2020	14	620	610	383
02/27/2020	15	647	634	384
02/27/2020	16	547	530	380
02/27/2020	17	591	560	363
02/27/2020	18	524	520	356
02/27/2020	19	543	535	368
02/27/2020	20	539	530	362
02/27/2020	21	492	489	352
02/27/2020	22	456	456	334
02/27/2020	23	460	455	313
02/27/2020	24	420	415	295
02/28/2020	1	561	520	281
02/28/2020	2	524	485	273
02/28/2020	3	480	455	268
02/28/2020	4	455	432	265
02/28/2020	5	460	455	275
02/28/2020	6	550	455	287
02/28/2020	7	493	455	292
02/28/2020	8	520	460	316
02/28/2020	9	530	479	352
02/28/2020	10	586	514	371
02/28/2020	11	620	532	383
02/28/2020	12	480	460	372
02/28/2020	13	550	460	371
02/28/2020	14	620	517	386
02/28/2020	15	600	480	382
02/28/2020	16	520	460	379
02/28/2020	17	560	552	367
02/28/2020	18	565	520	361
02/28/2020	19	586	543	372
02/28/2020	20	550	520	361
02/28/2020	21	500	496	349
02/28/2020	22	480	460	329
02/28/2020	23	460	455	308
02/28/2020	24	460	437	291
02/29/2020	1	561	520	281
02/29/2020	2	524	485	266
02/29/2020	3	480	455	260

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/29/2020	4	455	432	257
02/29/2020	5	460	455	257
02/29/2020	6	550	455	261
02/29/2020	7	493	455	276
02/29/2020	8	455	450	289
02/29/2020	9	470	455	311
02/29/2020	10	500	499	331
02/29/2020	11	580	500	344
02/29/2020	12	480	455	335
02/29/2020	13	550	455	336
02/29/2020	14	600	540	345
02/29/2020	15	574	500	342
02/29/2020	16	550	455	335
02/29/2020	17	455	428	322
02/29/2020	18	510	455	326
02/29/2020	19	587	520	338
02/29/2020	20	550	491	333
02/29/2020	21	549	492	325
02/29/2020	22	480	455	309
02/29/2020	23	455	431	293
02/29/2020	24	479	450	284
03/01/2020	1	580	500	273
03/01/2020	2	524	485	264
03/01/2020	3	480	455	257
03/01/2020	4	455	441	250
03/01/2020	5	455	400	249
03/01/2020	6	455	420	249
03/01/2020	7	455	447	250
03/01/2020	8	573	460	270
03/01/2020	9	594	480	304
03/01/2020	10	647	499	313
03/01/2020	11	647	583	320
03/01/2020	12	556	480	319
03/01/2020	13	550	477	317
03/01/2020	14	647	546	323
03/01/2020	15	647	531	322
03/01/2020	16	523	455	311
03/01/2020	17	464	455	302
03/01/2020	18	565	472	325
03/01/2020	19	647	478	328
03/01/2020	20	572	470	323
03/01/2020	21	544	470	316
03/01/2020	22	480	455	307
03/01/2020	23	455	420	294
03/01/2020	24	420	400	278
03/02/2020	1	550	480	268
03/02/2020	2	500	460	258
03/02/2020	3	475	455	252
03/02/2020	4	455	450	250
03/02/2020	5	480	455	256
03/02/2020	6	500	460	270
03/02/2020	7	480	455	272
03/02/2020	8	580	460	306
03/02/2020	9	590	480	356
03/02/2020	10	647	499	374
03/02/2020	11	647	599	387
03/02/2020	12	556	480	376
03/02/2020	13	550	477	375
03/02/2020	14	647	512	390
03/02/2020	15	587	500	386
03/02/2020	16	523	455	383
03/02/2020	17	460	455	370
03/02/2020	18	471	455	364
03/02/2020	19	647	494	376
03/02/2020	20	572	455	365

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/02/2020	21	544	455	353
03/02/2020	22	480	455	333
03/02/2020	23	455	420	312
03/02/2020	24	420	400	294
03/03/2020	1	580	505	287
03/03/2020	2	530	481	280
03/03/2020	3	480	455	272
03/03/2020	4	460	455	270
03/03/2020	5	480	455	274
03/03/2020	6	580	507	286
03/03/2020	7	480	455	285
03/03/2020	8	580	460	311
03/03/2020	9	590	474	343
03/03/2020	10	599	500	364
03/03/2020	11	647	557	380
03/03/2020	12	549	480	369
03/03/2020	13	550	474	368
03/03/2020	14	647	551	386
03/03/2020	15	647	529	384
03/03/2020	16	550	455	380
03/03/2020	17	460	455	362
03/03/2020	18	455	450	355
03/03/2020	19	607	460	368
03/03/2020	20	552	455	360
03/03/2020	21	492	455	352
03/03/2020	22	455	450	333
03/03/2020	23	455	420	313
03/03/2020	24	420	400	297
03/04/2020	1	560	470	278
03/04/2020	2	500	455	268
03/04/2020	3	480	455	261
03/04/2020	4	460	455	259
03/04/2020	5	494	455	271
03/04/2020	6	500	480	286
03/04/2020	7	500	455	288
03/04/2020	8	523	455	314
03/04/2020	9	523	460	347
03/04/2020	10	567	460	370
03/04/2020	11	570	480	384
03/04/2020	12	550	460	373
03/04/2020	13	560	460	374
03/04/2020	14	647	484	389
03/04/2020	15	647	460	386
03/04/2020	16	623	460	385
03/04/2020	17	616	460	370
03/04/2020	18	588	460	366
03/04/2020	19	647	466	374
03/04/2020	20	580	460	362
03/04/2020	21	550	460	349
03/04/2020	22	500	460	328
03/04/2020	23	460	455	308
03/04/2020	24	460	420	292
03/05/2020	1	580	500	296
03/05/2020	2	550	460	287
03/05/2020	3	480	455	279
03/05/2020	4	455	450	277
03/05/2020	5	494	455	287
03/05/2020	6	583	550	298
03/05/2020	7	500	455	290
03/05/2020	8	523	460	324
03/05/2020	9	523	460	358
03/05/2020	10	530	460	383
03/05/2020	11	629	480	396
03/05/2020	12	522	460	388
03/05/2020	13	540	460	387

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/05/2020	14	647	492	403
03/05/2020	15	647	485	401
03/05/2020	16	647	470	395
03/05/2020	17	550	460	378
03/05/2020	18	497	460	369
03/05/2020	19	580	460	381
03/05/2020	20	500	460	370
03/05/2020	21	480	460	362
03/05/2020	22	460	455	348
03/05/2020	23	460	455	329
03/05/2020	24	460	420	311
03/06/2020	1	550	455	287
03/06/2020	2	520	455	279
03/06/2020	3	480	455	272
03/06/2020	4	455	440	267
03/06/2020	5	480	455	275
03/06/2020	6	551	500	285
03/06/2020	7	493	400	280
03/06/2020	8	520	460	318
03/06/2020	9	530	460	351
03/06/2020	10	531	460	371
03/06/2020	11	580	480	385
03/06/2020	12	477	460	376
03/06/2020	13	500	460	376
03/06/2020	14	647	520	392
03/06/2020	15	647	520	389
03/06/2020	16	647	500	383
03/06/2020	17	580	460	366
03/06/2020	18	530	460	356
03/06/2020	19	550	460	361
03/06/2020	20	500	460	359
03/06/2020	21	460	455	354
03/06/2020	22	460	455	339
03/06/2020	23	460	455	322
03/06/2020	24	460	400	305
03/07/2020	1	460	456	304
03/07/2020	2	455	406	293
03/07/2020	3	455	332	284
03/07/2020	4	455	332	278
03/07/2020	5	455	332	278
03/07/2020	6	455	400	280
03/07/2020	7	455	400	285
03/07/2020	8	456	455	308
03/07/2020	9	506	506	338
03/07/2020	10	506	484	362
03/07/2020	11	506	480	378
03/07/2020	12	477	455	371
03/07/2020	13	500	455	371
03/07/2020	14	548	520	382
03/07/2020	15	531	500	378
03/07/2020	16	560	484	371
03/07/2020	17	550	455	354
03/07/2020	18	484	460	351
03/07/2020	19	503	460	370
03/07/2020	20	508	460	363
03/07/2020	21	500	460	358
03/07/2020	22	500	460	345
03/07/2020	23	460	455	327
03/07/2020	24	460	455	308
03/08/2020	1	461	455	274
03/08/2020	2	455	455	266
03/08/2020	3	455	409	259
03/08/2020	4	455	440	252
03/08/2020	5	480	455	251
03/08/2020	6	470	455	251

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/08/2020	7	455	445	252
03/08/2020	8	520	455	282
03/08/2020	9	530	455	318
03/08/2020	10	531	460	333
03/08/2020	11	580	480	339
03/08/2020	12	550	460	339
03/08/2020	13	529	460	336
03/08/2020	14	580	520	343
03/08/2020	15	570	520	342
03/08/2020	16	560	484	331
03/08/2020	17	550	460	322
03/08/2020	18	500	460	313
03/08/2020	19	580	500	347
03/08/2020	20	550	460	342
03/08/2020	21	460	455	336
03/08/2020	22	460	455	327
03/08/2020	23	460	455	313
03/08/2020	24	460	400	297
03/09/2020	1	500	455	276
03/09/2020	2	470	455	267
03/09/2020	3	455	429	259
03/09/2020	4	455	420	257
03/09/2020	5	480	455	267
03/09/2020	6	500	455	278
03/09/2020	7	455	445	274
03/09/2020	8	520	455	312
03/09/2020	9	530	455	363
03/09/2020	10	574	460	388
03/09/2020	11	647	482	401
03/09/2020	12	550	460	392
03/09/2020	13	529	460	391
03/09/2020	14	647	481	408
03/09/2020	15	633	520	406
03/09/2020	16	600	500	400
03/09/2020	17	550	460	382
03/09/2020	18	500	460	374
03/09/2020	19	600	532	386
03/09/2020	20	581	510	375
03/09/2020	21	550	478	367
03/09/2020	22	460	455	353
03/09/2020	23	460	455	334
03/09/2020	24	460	455	316
03/10/2020	1	550	455	310
03/10/2020	2	500	455	294
03/10/2020	3	455	450	286
03/10/2020	4	455	420	282
03/10/2020	5	480	455	288
03/10/2020	6	500	455	296
03/10/2020	7	470	455	296
03/10/2020	8	520	455	338
03/10/2020	9	530	455	376
03/10/2020	10	536	460	399
03/10/2020	11	580	564	413
03/10/2020	12	582	500	405
03/10/2020	13	560	500	405
03/10/2020	14	580	520	421
03/10/2020	15	580	520	416
03/10/2020	16	564	500	412
03/10/2020	17	570	520	393
03/10/2020	18	540	480	381
03/10/2020	19	580	524	393
03/10/2020	20	520	460	384
03/10/2020	21	500	460	376
03/10/2020	22	460	460	362
03/10/2020	23	460	455	344

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/10/2020	24	460	455	325
03/11/2020	1	555	460	322
03/11/2020	2	534	460	313
03/11/2020	3	460	455	304
03/11/2020	4	460	455	301
03/11/2020	5	480	460	311
03/11/2020	6	550	500	325
03/11/2020	7	513	460	325
03/11/2020	8	520	460	361
03/11/2020	9	530	470	392
03/11/2020	10	540	480	428
03/11/2020	11	647	481	441
03/11/2020	12	647	475	431
03/11/2020	13	584	500	430
03/11/2020	14	647	603	446
03/11/2020	15	647	556	441
03/11/2020	16	647	566	438
03/11/2020	17	570	542	422
03/11/2020	18	543	480	415
03/11/2020	19	647	582	425
03/11/2020	20	580	488	415
03/11/2020	21	533	460	404
03/11/2020	22	508	460	384
03/11/2020	23	477	460	362
03/11/2020	24	460	455	342
03/12/2020	1	580	461	318
03/12/2020	2	550	460	305
03/12/2020	3	460	455	297
03/12/2020	4	460	455	293
03/12/2020	5	480	460	301
03/12/2020	6	574	500	308
03/12/2020	7	561	460	310
03/12/2020	8	520	460	342
03/12/2020	9	530	470	381
03/12/2020	10	540	480	405
03/12/2020	11	602	500	421
03/12/2020	12	550	460	414
03/12/2020	13	559	460	416
03/12/2020	14	647	647	434
03/12/2020	15	647	647	432
03/12/2020	16	647	647	428
03/12/2020	17	570	520	407
03/12/2020	18	540	460	394
03/12/2020	19	647	647	410
03/12/2020	20	647	531	403
03/12/2020	21	530	460	395
03/12/2020	22	528	460	379
03/12/2020	23	526	460	360
03/12/2020	24	460	455	341
03/13/2020	1	647	565	325
03/13/2020	2	550	460	306
03/13/2020	3	460	455	296
03/13/2020	4	460	455	291
03/13/2020	5	480	460	298
03/13/2020	6	520	460	306
03/13/2020	7	500	460	302
03/13/2020	8	520	460	345
03/13/2020	9	530	463	380
03/13/2020	10	540	477	404
03/13/2020	11	546	480	418
03/13/2020	12	516	460	410
03/13/2020	13	560	460	412
03/13/2020	14	647	647	429
03/13/2020	15	647	647	425
03/13/2020	16	647	647	419

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/13/2020	17	580	532	400
03/13/2020	18	540	460	389
03/13/2020	19	580	546	395
03/13/2020	20	560	515	393
03/13/2020	21	500	460	388
03/13/2020	22	500	460	377
03/13/2020	23	480	460	361
03/13/2020	24	460	455	338
03/14/2020	1	455	450	314
03/14/2020	2	460	455	303
03/14/2020	3	460	455	295
03/14/2020	4	460	455	289
03/14/2020	5	460	455	289
03/14/2020	6	455	352	291
03/14/2020	7	455	350	292
03/14/2020	8	455	377	322
03/14/2020	9	455	450	347
03/14/2020	10	550	485	376
03/14/2020	11	575	513	390
03/14/2020	12	498	455	382
03/14/2020	13	527	512	384
03/14/2020	14	647	607	397
03/14/2020	15	647	625	396
03/14/2020	16	604	600	389
03/14/2020	17	570	489	374
03/14/2020	18	564	485	372
03/14/2020	19	647	633	389
03/14/2020	20	610	590	383
03/14/2020	21	550	455	376
03/14/2020	22	500	499	362
03/14/2020	23	495	455	344
03/14/2020	24	455	430	325
03/15/2020	1	500	455	278
03/15/2020	2	455	450	266
03/15/2020	3	455	420	259
03/15/2020	4	455	380	252
03/15/2020	5	455	420	251
03/15/2020	6	455	450	251
03/15/2020	7	455	440	260
03/15/2020	8	480	455	286
03/15/2020	9	500	460	318
03/15/2020	10	520	460	332
03/15/2020	11	550	487	339
03/15/2020	12	500	460	338
03/15/2020	13	489	460	336
03/15/2020	14	580	550	343
03/15/2020	15	560	538	342
03/15/2020	16	548	500	330
03/15/2020	17	500	460	322
03/15/2020	18	460	455	312
03/15/2020	19	647	527	347
03/15/2020	20	570	500	342
03/15/2020	21	550	460	336
03/15/2020	22	500	460	326
03/15/2020	23	495	460	313
03/15/2020	24	460	430	297
03/16/2020	1	480	455	275
03/16/2020	2	455	450	265
03/16/2020	3	455	420	257
03/16/2020	4	455	380	255
03/16/2020	5	455	420	265
03/16/2020	6	480	455	276
03/16/2020	7	455	440	280
03/16/2020	8	480	455	318
03/16/2020	9	517	460	361

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/16/2020	10	580	508	387
03/16/2020	11	647	550	400
03/16/2020	12	580	520	391
03/16/2020	13	489	460	390
03/16/2020	14	647	544	407
03/16/2020	15	647	508	404
03/16/2020	16	555	500	398
03/16/2020	17	544	460	381
03/16/2020	18	500	460	372
03/16/2020	19	595	527	385
03/16/2020	20	510	460	373
03/16/2020	21	505	460	365
03/16/2020	22	460	459	351
03/16/2020	23	460	455	333
03/16/2020	24	460	430	314
03/17/2020	1	480	455	295
03/17/2020	2	455	450	284
03/17/2020	3	455	420	276
03/17/2020	4	455	380	273
03/17/2020	5	455	420	278
03/17/2020	6	480	455	282
03/17/2020	7	455	440	272
03/17/2020	8	480	455	313
03/17/2020	9	540	460	347
03/17/2020	10	548	460	367
03/17/2020	11	550	460	379
03/17/2020	12	647	460	375
03/17/2020	13	617	460	376
03/17/2020	14	647	467	390
03/17/2020	15	647	460	388
03/17/2020	16	647	460	383
03/17/2020	17	520	460	364
03/17/2020	18	470	460	352
03/17/2020	19	595	508	369
03/17/2020	20	570	460	364
03/17/2020	21	538	460	359
03/17/2020	22	474	460	344
03/17/2020	23	460	455	325
03/17/2020	24	460	361	310
03/18/2020	1	520	400	288
03/18/2020	2	466	320	277
03/18/2020	3	420	250	265
03/18/2020	4	380	250	257
03/18/2020	5	380	250	250
03/18/2020	6	480	250	238
03/18/2020	7	303	225	232
03/18/2020	8	400	250	255
03/18/2020	9	400	250	281
03/18/2020	10	400	250	299
03/18/2020	11	410	250	312
03/18/2020	12	421	250	313
03/18/2020	13	420	296	318
03/18/2020	14	500	449	326
03/18/2020	15	489	350	323
03/18/2020	16	480	371	321
03/18/2020	17	400	316	313
03/18/2020	18	353	350	311
03/18/2020	19	520	455	338
03/18/2020	20	570	455	344
03/18/2020	21	565	455	349
03/18/2020	22	540	455	347
03/18/2020	23	533	455	337
03/18/2020	24	483	455	323
03/19/2020	1	500	400	258
03/19/2020	2	459	320	251

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/19/2020	3	426	250	244
03/19/2020	4	400	288	242
03/19/2020	5	450	300	246
03/19/2020	6	455	300	246
03/19/2020	7	400	250	246
03/19/2020	8	400	250	254
03/19/2020	9	450	250	275
03/19/2020	10	460	302	283
03/19/2020	11	480	364	293
03/19/2020	12	450	341	288
03/19/2020	13	420	340	285
03/19/2020	14	425	340	292
03/19/2020	15	420	330	292
03/19/2020	16	420	330	285
03/19/2020	17	420	300	269
03/19/2020	18	420	327	270
03/19/2020	19	480	437	287
03/19/2020	20	450	376	282
03/19/2020	21	400	341	282
03/19/2020	22	380	300	277
03/19/2020	23	362	300	266
03/19/2020	24	360	300	256
03/20/2020	1	530	427	245
03/20/2020	2	466	320	236
03/20/2020	3	410	250	228
03/20/2020	4	380	250	221
03/20/2020	5	410	280	220
03/20/2020	6	480	324	219
03/20/2020	7	475	320	218
03/20/2020	8	400	313	231
03/20/2020	9	400	253	252
03/20/2020	10	425	350	267
03/20/2020	11	449	350	279
03/20/2020	12	409	300	276
03/20/2020	13	420	313	277
03/20/2020	14	480	420	287
03/20/2020	15	460	400	287
03/20/2020	16	450	380	282
03/20/2020	17	420	320	268
03/20/2020	18	350	350	265
03/20/2020	19	480	420	281
03/20/2020	20	455	420	277
03/20/2020	21	455	435	275
03/20/2020	22	455	420	269
03/20/2020	23	455	420	258
03/20/2020	24	455	420	246
03/21/2020	1	450	400	244
03/21/2020	2	450	360	235
03/21/2020	3	450	271	226
03/21/2020	4	450	269	219
03/21/2020	5	450	250	216
03/21/2020	6	442	250	215
03/21/2020	7	424	226	216
03/21/2020	8	403	226	229
03/21/2020	9	424	240	249
03/21/2020	10	425	350	260
03/21/2020	11	470	445	273
03/21/2020	12	468	350	272
03/21/2020	13	447	350	275
03/21/2020	14	500	382	286
03/21/2020	15	519	350	286
03/21/2020	16	543	350	283
03/21/2020	17	470	350	267
03/21/2020	18	450	350	267
03/21/2020	19	555	455	292

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/21/2020	20	552	455	290
03/21/2020	21	556	455	293
03/21/2020	22	556	455	289
03/21/2020	23	519	455	277
03/21/2020	24	519	455	266
03/22/2020	1	540	465	244
03/22/2020	2	472	400	235
03/22/2020	3	432	300	225
03/22/2020	4	403	300	219
03/22/2020	5	400	280	218
03/22/2020	6	400	324	217
03/22/2020	7	420	330	216
03/22/2020	8	430	338	225
03/22/2020	9	450	323	232
03/22/2020	10	415	350	243
03/22/2020	11	480	402	255
03/22/2020	12	420	350	251
03/22/2020	13	465	370	254
03/22/2020	14	480	455	265
03/22/2020	15	460	455	266
03/22/2020	16	455	450	261
03/22/2020	17	455	420	247
03/22/2020	18	455	400	247
03/22/2020	19	550	455	272
03/22/2020	20	500	455	270
03/22/2020	21	480	455	269
03/22/2020	22	455	450	269
03/22/2020	23	455	450	257
03/22/2020	24	455	420	247
03/23/2020	1	512	450	242
03/23/2020	2	491	400	236
03/23/2020	3	430	362	228
03/23/2020	4	420	343	221
03/23/2020	5	400	330	220
03/23/2020	6	400	368	219
03/23/2020	7	420	250	218
03/23/2020	8	419	300	231
03/23/2020	9	450	305	259
03/23/2020	10	415	350	273
03/23/2020	11	480	402	286
03/23/2020	12	420	400	282
03/23/2020	13	465	400	284
03/23/2020	14	476	400	293
03/23/2020	15	460	455	293
03/23/2020	16	455	450	289
03/23/2020	17	455	420	274
03/23/2020	18	455	400	271
03/23/2020	19	455	450	288
03/23/2020	20	455	440	283
03/23/2020	21	455	450	282
03/23/2020	22	455	450	276
03/23/2020	23	455	450	264
03/23/2020	24	455	420	252
03/24/2020	1	550	455	271
03/24/2020	2	480	455	262
03/24/2020	3	455	450	253
03/24/2020	4	455	440	245
03/24/2020	5	455	400	241
03/24/2020	6	455	400	240
03/24/2020	7	420	350	230
03/24/2020	8	419	350	234
03/24/2020	9	455	446	252
03/24/2020	10	455	447	264
03/24/2020	11	487	455	277
03/24/2020	12	455	450	276

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/24/2020	13	460	455	279
03/24/2020	14	500	455	290
03/24/2020	15	455	449	291
03/24/2020	16	455	438	285
03/24/2020	17	455	380	270
03/24/2020	18	455	395	270
03/24/2020	19	550	455	293
03/24/2020	20	534	455	291
03/24/2020	21	550	455	294
03/24/2020	22	550	455	289
03/24/2020	23	540	455	285
03/24/2020	24	484	455	280
03/25/2020	1	580	455	251
03/25/2020	2	520	455	241
03/25/2020	3	455	450	233
03/25/2020	4	455	440	227
03/25/2020	5	455	400	225
03/25/2020	6	455	400	226
03/25/2020	7	455	420	225
03/25/2020	8	455	419	244
03/25/2020	9	455	420	263
03/25/2020	10	455	448	276
03/25/2020	11	455	450	289
03/25/2020	12	455	450	285
03/25/2020	13	457	455	286
03/25/2020	14	550	455	297
03/25/2020	15	480	455	298
03/25/2020	16	455	438	294
03/25/2020	17	455	420	278
03/25/2020	18	455	400	274
03/25/2020	19	580	455	292
03/25/2020	20	550	455	289
03/25/2020	21	550	480	287
03/25/2020	22	540	480	281
03/25/2020	23	510	455	268
03/25/2020	24	455	439	256
03/26/2020	1	580	455	249
03/26/2020	2	520	455	240
03/26/2020	3	455	450	231
03/26/2020	4	455	440	223
03/26/2020	5	455	400	219
03/26/2020	6	455	400	217
03/26/2020	7	455	420	216
03/26/2020	8	455	419	230
03/26/2020	9	455	420	245
03/26/2020	10	455	448	258
03/26/2020	11	455	450	269
03/26/2020	12	455	450	269
03/26/2020	13	457	455	272
03/26/2020	14	550	455	282
03/26/2020	15	480	455	283
03/26/2020	16	455	438	276
03/26/2020	17	455	420	262
03/26/2020	18	455	400	262
03/26/2020	19	580	455	282
03/26/2020	20	550	455	280
03/26/2020	21	550	480	284
03/26/2020	22	540	480	279
03/26/2020	23	510	455	269
03/26/2020	24	455	439	259
03/27/2020	1	520	455	249
03/27/2020	2	520	455	238
03/27/2020	3	459	455	229
03/27/2020	4	455	429	221
03/27/2020	5	455	409	216

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/27/2020	6	455	403	214
03/27/2020	7	350	350	207
03/27/2020	8	455	430	225
03/27/2020	9	455	440	239
03/27/2020	10	460	455	251
03/27/2020	11	467	455	262
03/27/2020	12	455	439	261
03/27/2020	13	455	448	265
03/27/2020	14	579	455	275
03/27/2020	15	556	455	277
03/27/2020	16	516	455	271
03/27/2020	17	455	444	258
03/27/2020	18	455	450	259
03/27/2020	19	570	455	281
03/27/2020	20	550	455	280
03/27/2020	21	550	455	283
03/27/2020	22	580	488	280
03/27/2020	23	510	455	270
03/27/2020	24	480	455	260
03/28/2020	1	486	455	264
03/28/2020	2	459	455	249
03/28/2020	3	455	403	240
03/28/2020	4	403	358	231
03/28/2020	5	400	316	225
03/28/2020	6	398	316	222
03/28/2020	7	374	280	215
03/28/2020	8	395	280	225
03/28/2020	9	385	330	239
03/28/2020	10	384	341	251
03/28/2020	11	439	339	263
03/28/2020	12	434	342	261
03/28/2020	13	438	346	266
03/28/2020	14	453	448	276
03/28/2020	15	450	444	278
03/28/2020	16	447	441	272
03/28/2020	17	434	349	261
03/28/2020	18	430	359	262
03/28/2020	19	506	455	286
03/28/2020	20	504	455	286
03/28/2020	21	511	458	290
03/28/2020	22	521	462	289
03/28/2020	23	477	455	279
03/28/2020	24	465	448	268
03/29/2020	1	520	455	249
03/29/2020	2	520	455	238
03/29/2020	3	459	455	229
03/29/2020	4	455	429	221
03/29/2020	5	455	409	216
03/29/2020	6	455	403	214
03/29/2020	7	350	350	207
03/29/2020	8	455	430	225
03/29/2020	9	455	440	239
03/29/2020	10	460	455	251
03/29/2020	11	467	455	262
03/29/2020	12	455	439	261
03/29/2020	13	455	448	265
03/29/2020	14	579	455	275
03/29/2020	15	556	455	277
03/29/2020	16	516	455	271
03/29/2020	17	455	444	258
03/29/2020	18	455	450	259
03/29/2020	19	570	455	281
03/29/2020	20	550	455	280
03/29/2020	21	550	455	283
03/29/2020	22	580	488	280

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/29/2020	23	510	455	270
03/29/2020	24	480	455	260
03/30/2020	1	570	480	248
03/30/2020	2	520	455	237
03/30/2020	3	460	455	228
03/30/2020	4	455	430	220
03/30/2020	5	455	410	216
03/30/2020	6	455	400	214
03/30/2020	7	380	254	207
03/30/2020	8	400	350	224
03/30/2020	9	455	453	250
03/30/2020	10	455	425	263
03/30/2020	11	511	455	276
03/30/2020	12	455	454	276
03/30/2020	13	501	455	278
03/30/2020	14	536	455	288
03/30/2020	15	568	455	290
03/30/2020	16	520	455	283
03/30/2020	17	455	450	264
03/30/2020	18	455	450	263
03/30/2020	19	570	455	284
03/30/2020	20	580	455	285
03/30/2020	21	590	455	289
03/30/2020	22	580	455	287
03/30/2020	23	555	455	278
03/30/2020	24	530	455	266
03/31/2020	1	580	475	255
03/31/2020	2	540	455	244
03/31/2020	3	460	455	234
03/31/2020	4	455	430	226
03/31/2020	5	455	410	221
03/31/2020	6	455	400	218
03/31/2020	7	455	392	218
03/31/2020	8	455	442	231
03/31/2020	9	455	445	246
03/31/2020	10	455	401	259
03/31/2020	11	459	455	272
03/31/2020	12	455	420	271
03/31/2020	13	455	450	274
03/31/2020	14	536	455	283
03/31/2020	15	568	455	285
03/31/2020	16	455	451	278
03/31/2020	17	455	403	265
03/31/2020	18	455	400	264
03/31/2020	19	560	455	286
03/31/2020	20	555	455	286
03/31/2020	21	580	455	290
03/31/2020	22	550	455	287
03/31/2020	23	500	455	277
03/31/2020	24	480	455	266
04/01/2020	1	550	455	228
04/01/2020	2	500	455	220
04/01/2020	3	455	440	212
04/01/2020	4	455	400	207
04/01/2020	5	455	384	208
04/01/2020	6	455	450	211
04/01/2020	7	455	400	214
04/01/2020	8	455	449	229
04/01/2020	9	455	450	245
04/01/2020	10	455	450	266
04/01/2020	11	459	455	276
04/01/2020	12	455	420	271
04/01/2020	13	455	450	272
04/01/2020	14	519	455	282
04/01/2020	15	518	455	280

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/01/2020	16	480	455	277
04/01/2020	17	455	366	263
04/01/2020	18	455	400	260
04/01/2020	19	497	455	274
04/01/2020	20	462	455	271
04/01/2020	21	455	450	269
04/01/2020	22	455	450	261
04/01/2020	23	455	446	248
04/01/2020	24	455	432	237
04/02/2020	1	556	455	253
04/02/2020	2	500	455	242
04/02/2020	3	455	450	232
04/02/2020	4	455	400	224
04/02/2020	5	455	384	220
04/02/2020	6	455	450	218
04/02/2020	7	455	450	224
04/02/2020	8	455	450	235
04/02/2020	9	455	450	250
04/02/2020	10	455	450	265
04/02/2020	11	459	455	278
04/02/2020	12	455	420	276
04/02/2020	13	502	455	279
04/02/2020	14	512	455	289
04/02/2020	15	559	455	289
04/02/2020	16	500	455	283
04/02/2020	17	455	420	268
04/02/2020	18	455	420	266
04/02/2020	19	540	455	290
04/02/2020	20	550	455	291
04/02/2020	21	570	455	296
04/02/2020	22	550	456	293
04/02/2020	23	500	455	283
04/02/2020	24	506	455	271
04/03/2020	1	580	500	262
04/03/2020	2	520	455	251
04/03/2020	3	470	455	240
04/03/2020	4	455	410	231
04/03/2020	5	455	400	226
04/03/2020	6	455	450	221
04/03/2020	7	455	450	223
04/03/2020	8	455	450	238
04/03/2020	9	470	455	257
04/03/2020	10	480	455	272
04/03/2020	11	500	470	286
04/03/2020	12	455	420	286
04/03/2020	13	539	455	292
04/03/2020	14	550	455	303
04/03/2020	15	550	455	304
04/03/2020	16	500	455	294
04/03/2020	17	455	420	274
04/03/2020	18	455	420	271
04/03/2020	19	540	455	297
04/03/2020	20	550	455	301
04/03/2020	21	570	455	307
04/03/2020	22	580	500	305
04/03/2020	23	550	482	295
04/03/2020	24	506	455	281
04/04/2020	1	451	441	255
04/04/2020	2	446	401	243
04/04/2020	3	447	415	233
04/04/2020	4	445	375	225
04/04/2020	5	449	386	219
04/04/2020	6	417	373	216
04/04/2020	7	362	356	216
04/04/2020	8	367	361	228

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/04/2020	9	428	371	243
04/04/2020	10	437	375	256
04/04/2020	11	437	375	268
04/04/2020	12	441	379	267
04/04/2020	13	444	378	270
04/04/2020	14	444	378	279
04/04/2020	15	444	399	280
04/04/2020	16	450	384	273
04/04/2020	17	420	380	260
04/04/2020	18	421	379	259
04/04/2020	19	450	440	283
04/04/2020	20	447	404	283
04/04/2020	21	470	446	288
04/04/2020	22	459	451	286
04/04/2020	23	457	453	276
04/04/2020	24	453	417	264
04/05/2020	1	570	496	252
04/05/2020	2	520	455	242
04/05/2020	3	469	455	232
04/05/2020	4	455	414	223
04/05/2020	5	455	400	219
04/05/2020	6	455	450	217
04/05/2020	7	480	455	223
04/05/2020	8	500	455	234
04/05/2020	9	522	455	250
04/05/2020	10	532	455	265
04/05/2020	11	577	455	278
04/05/2020	12	502	455	276
04/05/2020	13	550	455	279
04/05/2020	14	580	460	289
04/05/2020	15	570	491	289
04/05/2020	16	550	455	283
04/05/2020	17	520	455	266
04/05/2020	18	500	455	265
04/05/2020	19	580	537	289
04/05/2020	20	580	548	290
04/05/2020	21	570	481	294
04/05/2020	22	589	564	292
04/05/2020	23	559	455	281
04/05/2020	24	500	455	270
04/06/2020	1	580	490	253
04/06/2020	2	510	455	242
04/06/2020	3	460	455	232
04/06/2020	4	455	410	224
04/06/2020	5	455	400	220
04/06/2020	6	455	440	217
04/06/2020	7	470	455	223
04/06/2020	8	480	455	234
04/06/2020	9	500	455	251
04/06/2020	10	500	455	265
04/06/2020	11	570	457	278
04/06/2020	12	509	455	276
04/06/2020	13	550	455	279
04/06/2020	14	590	455	289
04/06/2020	15	574	491	290
04/06/2020	16	554	455	283
04/06/2020	17	524	455	267
04/06/2020	18	500	455	265
04/06/2020	19	580	500	289
04/06/2020	20	580	505	290
04/06/2020	21	570	481	294
04/06/2020	22	589	564	292
04/06/2020	23	559	455	282
04/06/2020	24	500	455	270
04/07/2020	1	460	444	255

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/07/2020	2	460	415	243
04/07/2020	3	460	417	234
04/07/2020	4	460	415	225
04/07/2020	5	442	395	220
04/07/2020	6	402	355	217
04/07/2020	7	358	348	217
04/07/2020	8	362	334	233
04/07/2020	9	414	358	251
04/07/2020	10	425	362	266
04/07/2020	11	460	412	278
04/07/2020	12	433	383	278
04/07/2020	13	459	408	282
04/07/2020	14	460	436	291
04/07/2020	15	460	456	291
04/07/2020	16	460	438	282
04/07/2020	17	460	426	266
04/07/2020	18	460	419	264
04/07/2020	19	507	460	287
04/07/2020	20	553	460	288
04/07/2020	21	549	460	294
04/07/2020	22	568	460	292
04/07/2020	23	460	452	282
04/07/2020	24	460	451	270
04/08/2020	1	580	490	249
04/08/2020	2	510	455	239
04/08/2020	3	460	455	229
04/08/2020	4	455	410	220
04/08/2020	5	455	400	219
04/08/2020	6	455	440	215
04/08/2020	7	470	455	220
04/08/2020	8	480	455	230
04/08/2020	9	500	455	245
04/08/2020	10	500	455	259
04/08/2020	11	526	455	270
04/08/2020	12	487	455	269
04/08/2020	13	506	455	274
04/08/2020	14	550	455	284
04/08/2020	15	574	474	285
04/08/2020	16	499	455	276
04/08/2020	17	455	430	253
04/08/2020	18	455	350	249
04/08/2020	19	550	455	273
04/08/2020	20	570	455	276
04/08/2020	21	590	479	281
04/08/2020	22	590	500	277
04/08/2020	23	560	460	267
04/08/2020	24	500	455	255
04/09/2020	1	570	480	249
04/09/2020	2	500	455	239
04/09/2020	3	455	450	229
04/09/2020	4	455	410	220
04/09/2020	5	455	400	219
04/09/2020	6	455	440	215
04/09/2020	7	470	455	220
04/09/2020	8	455	380	230
04/09/2020	9	455	450	245
04/09/2020	10	460	455	259
04/09/2020	11	480	455	270
04/09/2020	12	455	434	269
04/09/2020	13	480	455	274
04/09/2020	14	550	455	284
04/09/2020	15	580	474	285
04/09/2020	16	490	455	276
04/09/2020	17	455	350	253
04/09/2020	18	455	309	249

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/09/2020	19	520	455	273
04/09/2020	20	570	455	276
04/09/2020	21	590	467	281
04/09/2020	22	589	460	277
04/09/2020	23	560	460	267
04/09/2020	24	500	455	255
04/10/2020	1	395	342	228
04/10/2020	2	400	348	222
04/10/2020	3	401	348	214
04/10/2020	4	397	345	207
04/10/2020	5	366	272	200
04/10/2020	6	353	266	191
04/10/2020	7	343	265	187
04/10/2020	8	364	262	191
04/10/2020	9	371	259	196
04/10/2020	10	347	271	203
04/10/2020	11	371	315	211
04/10/2020	12	372	317	212
04/10/2020	13	368	315	216
04/10/2020	14	384	329	221
04/10/2020	15	377	374	221
04/10/2020	16	376	321	215
04/10/2020	17	375	320	208
04/10/2020	18	370	314	206
04/10/2020	19	398	375	229
04/10/2020	20	444	382	234
04/10/2020	21	438	381	243
04/10/2020	22	506	392	246
04/10/2020	23	473	397	241
04/10/2020	24	402	353	233
04/11/2020	1	487	455	241
04/11/2020	2	455	400	230
04/11/2020	3	455	380	220
04/11/2020	4	455	361	212
04/11/2020	5	455	380	212
04/11/2020	6	455	335	206
04/11/2020	7	455	358	212
04/11/2020	8	455	334	219
04/11/2020	9	455	350	226
04/11/2020	10	455	336	240
04/11/2020	11	455	337	253
04/11/2020	12	455	341	251
04/11/2020	13	455	340	255
04/11/2020	14	473	455	265
04/11/2020	15	470	455	265
04/11/2020	16	455	443	258
04/11/2020	17	455	350	243
04/11/2020	18	455	388	242
04/11/2020	19	507	455	266
04/11/2020	20	500	455	267
04/11/2020	21	550	455	271
04/11/2020	22	542	455	268
04/11/2020	23	480	455	258
04/11/2020	24	455	451	247
04/12/2020	1	549	460	245
04/12/2020	2	460	455	234
04/12/2020	3	455	420	224
04/12/2020	4	455	400	216
04/12/2020	5	455	400	216
04/12/2020	6	455	350	210
04/12/2020	7	455	453	216
04/12/2020	8	485	455	223
04/12/2020	9	579	455	236
04/12/2020	10	564	455	251
04/12/2020	11	570	455	263

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/12/2020	12	520	455	262
04/12/2020	13	500	455	265
04/12/2020	14	580	455	275
04/12/2020	15	520	455	275
04/12/2020	16	500	455	268
04/12/2020	17	480	455	254
04/12/2020	18	460	455	252
04/12/2020	19	580	455	276
04/12/2020	20	590	460	277
04/12/2020	21	600	470	281
04/12/2020	22	590	460	279
04/12/2020	23	500	455	268
04/12/2020	24	480	455	257
04/13/2020	1	590	480	268
04/13/2020	2	580	469	257
04/13/2020	3	510	460	247
04/13/2020	4	455	420	237
04/13/2020	5	455	410	231
04/13/2020	6	455	400	226
04/13/2020	7	455	397	219
04/13/2020	8	484	455	237
04/13/2020	9	500	455	254
04/13/2020	10	455	452	268
04/13/2020	11	570	455	279
04/13/2020	12	520	455	278
04/13/2020	13	500	455	283
04/13/2020	14	570	480	292
04/13/2020	15	504	459	292
04/13/2020	16	500	455	283
04/13/2020	17	480	455	266
04/13/2020	18	455	420	265
04/13/2020	19	580	455	288
04/13/2020	20	590	459	292
04/13/2020	21	600	503	303
04/13/2020	22	590	477	296
04/13/2020	23	580	480	286
04/13/2020	24	480	455	274
04/14/2020	1	590	480	268
04/14/2020	2	580	469	257
04/14/2020	3	510	460	247
04/14/2020	4	455	420	237
04/14/2020	5	455	410	231
04/14/2020	6	455	400	226
04/14/2020	7	455	397	219
04/14/2020	8	484	455	237
04/14/2020	9	500	455	254
04/14/2020	10	455	452	268
04/14/2020	11	570	455	279
04/14/2020	12	520	455	278
04/14/2020	13	500	455	283
04/14/2020	14	570	480	292
04/14/2020	15	504	459	292
04/14/2020	16	500	455	283
04/14/2020	17	480	455	266
04/14/2020	18	455	420	265
04/14/2020	19	580	455	288
04/14/2020	20	590	459	292
04/14/2020	21	600	503	303
04/14/2020	22	590	477	296
04/14/2020	23	580	480	286
04/14/2020	24	480	455	274
04/15/2020	1	590	490	268
04/15/2020	2	580	470	254
04/15/2020	3	510	455	243
04/15/2020	4	455	420	234

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/15/2020	5	455	410	228
04/15/2020	6	455	400	223
04/15/2020	7	455	397	220
04/15/2020	8	455	450	236
04/15/2020	9	485	455	254
04/15/2020	10	455	452	269
04/15/2020	11	591	482	282
04/15/2020	12	520	455	281
04/15/2020	13	500	455	286
04/15/2020	14	570	455	296
04/15/2020	15	504	455	296
04/15/2020	16	480	455	284
04/15/2020	17	480	455	265
04/15/2020	18	455	384	263
04/15/2020	19	580	455	287
04/15/2020	20	590	466	291
04/15/2020	21	600	470	298
04/15/2020	22	590	480	295
04/15/2020	23	580	480	285
04/15/2020	24	480	455	273
04/16/2020	1	580	470	265
04/16/2020	2	520	455	254
04/16/2020	3	455	450	244
04/16/2020	4	455	420	235
04/16/2020	5	455	410	230
04/16/2020	6	455	400	228
04/16/2020	7	455	397	229
04/16/2020	8	484	455	246
04/16/2020	9	500	455	265
04/16/2020	10	500	455	279
04/16/2020	11	570	455	292
04/16/2020	12	520	455	291
04/16/2020	13	500	455	294
04/16/2020	14	570	455	304
04/16/2020	15	504	455	304
04/16/2020	16	500	455	296
04/16/2020	17	480	455	279
04/16/2020	18	460	455	276
04/16/2020	19	580	468	300
04/16/2020	20	590	459	301
04/16/2020	21	600	503	307
04/16/2020	22	590	460	304
04/16/2020	23	580	480	293
04/16/2020	24	480	455	280
04/17/2020	1	600	455	263
04/17/2020	2	570	455	251
04/17/2020	3	520	455	240
04/17/2020	4	493	455	232
04/17/2020	5	455	408	226
04/17/2020	6	455	403	221
04/17/2020	7	455	423	223
04/17/2020	8	455	450	237
04/17/2020	9	455	450	255
04/17/2020	10	455	450	268
04/17/2020	11	579	455	279
04/17/2020	12	512	455	280
04/17/2020	13	534	455	285
04/17/2020	14	580	455	295
04/17/2020	15	534	455	296
04/17/2020	16	486	455	286
04/17/2020	17	455	408	269
04/17/2020	18	455	420	267
04/17/2020	19	548	455	291
04/17/2020	20	570	455	294
04/17/2020	21	590	455	300

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/17/2020	22	629	455	297
04/17/2020	23	600	455	286
04/17/2020	24	619	455	274
04/18/2020	1	550	460	265
04/18/2020	2	525	460	253
04/18/2020	3	460	450	243
04/18/2020	4	460	450	234
04/18/2020	5	450	420	228
04/18/2020	6	450	420	220
04/18/2020	7	450	414	219
04/18/2020	8	414	393	227
04/18/2020	9	414	382	240
04/18/2020	10	414	384	251
04/18/2020	11	429	414	261
04/18/2020	12	432	414	263
04/18/2020	13	430	414	267
04/18/2020	14	429	414	276
04/18/2020	15	429	414	275
04/18/2020	16	428	414	266
04/18/2020	17	421	414	254
04/18/2020	18	429	414	258
04/18/2020	19	450	431	283
04/18/2020	20	450	435	286
04/18/2020	21	534	434	292
04/18/2020	22	564	441	291
04/18/2020	23	535	439	282
04/18/2020	24	525	427	269
04/19/2020	1	580	460	265
04/19/2020	2	550	460	254
04/19/2020	3	500	460	244
04/19/2020	4	460	455	235
04/19/2020	5	489	460	230
04/19/2020	6	460	455	228
04/19/2020	7	460	455	229
04/19/2020	8	580	460	246
04/19/2020	9	550	460	252
04/19/2020	10	532	460	265
04/19/2020	11	579	460	277
04/19/2020	12	460	455	276
04/19/2020	13	473	460	277
04/19/2020	14	616	460	284
04/19/2020	15	625	460	286
04/19/2020	16	486	460	276
04/19/2020	17	460	455	258
04/19/2020	18	460	455	257
04/19/2020	19	647	460	281
04/19/2020	20	647	460	283
04/19/2020	21	647	460	288
04/19/2020	22	629	460	284
04/19/2020	23	600	455	274
04/19/2020	24	619	455	262
04/20/2020	1	590	460	261
04/20/2020	2	560	460	250
04/20/2020	3	520	460	240
04/20/2020	4	460	455	231
04/20/2020	5	489	455	226
04/20/2020	6	455	450	224
04/20/2020	7	455	450	225
04/20/2020	8	580	455	242
04/20/2020	9	550	455	260
04/20/2020	10	500	455	273
04/20/2020	11	563	455	285
04/20/2020	12	455	454	284
04/20/2020	13	473	455	285
04/20/2020	14	616	455	292

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/20/2020	15	625	455	294
04/20/2020	16	486	455	284
04/20/2020	17	455	408	266
04/20/2020	18	455	420	265
04/20/2020	19	568	460	289
04/20/2020	20	617	460	290
04/20/2020	21	647	460	296
04/20/2020	22	629	460	292
04/20/2020	23	600	455	282
04/20/2020	24	619	455	270
04/21/2020	1	580	460	281
04/21/2020	2	550	455	264
04/21/2020	3	520	455	254
04/21/2020	4	456	455	244
04/21/2020	5	455	436	238
04/21/2020	6	455	440	234
04/21/2020	7	455	352	234
04/21/2020	8	455	443	251
04/21/2020	9	463	455	269
04/21/2020	10	470	455	284
04/21/2020	11	514	455	296
04/21/2020	12	455	440	296
04/21/2020	13	557	455	303
04/21/2020	14	590	455	311
04/21/2020	15	580	455	311
04/21/2020	16	470	455	300
04/21/2020	17	455	420	283
04/21/2020	18	455	420	281
04/21/2020	19	596	470	306
04/21/2020	20	617	526	309
04/21/2020	21	647	550	318
04/21/2020	22	580	480	316
04/21/2020	23	600	460	305
04/21/2020	24	550	460	292
04/22/2020	1	647	559	282
04/22/2020	2	580	511	271
04/22/2020	3	520	460	259
04/22/2020	4	460	456	249
04/22/2020	5	460	455	242
04/22/2020	6	460	455	236
04/22/2020	7	460	455	244
04/22/2020	8	460	455	262
04/22/2020	9	463	460	281
04/22/2020	10	470	460	297
04/22/2020	11	550	480	309
04/22/2020	12	460	455	306
04/22/2020	13	520	460	311
04/22/2020	14	550	460	320
04/22/2020	15	549	460	319
04/22/2020	16	470	460	306
04/22/2020	17	460	455	287
04/22/2020	18	460	455	286
04/22/2020	19	551	500	310
04/22/2020	20	570	500	314
04/22/2020	21	647	647	321
04/22/2020	22	647	647	317
04/22/2020	23	647	647	307
04/22/2020	24	647	647	289
04/23/2020	1	647	598	291
04/23/2020	2	580	489	280
04/23/2020	3	550	474	267
04/23/2020	4	460	460	257
04/23/2020	5	460	455	251
04/23/2020	6	460	455	246
04/23/2020	7	460	455	247

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/23/2020	8	460	455	265
04/23/2020	9	508	460	283
04/23/2020	10	510	460	298
04/23/2020	11	596	500	311
04/23/2020	12	561	460	308
04/23/2020	13	580	460	312
04/23/2020	14	590	470	321
04/23/2020	15	585	470	321
04/23/2020	16	560	470	309
04/23/2020	17	462	460	291
04/23/2020	18	460	455	290
04/23/2020	19	580	520	315
04/23/2020	20	590	530	317
04/23/2020	21	647	541	324
04/23/2020	22	647	560	319
04/23/2020	23	600	580	308
04/23/2020	24	590	570	296
04/24/2020	1	590	504	279
04/24/2020	2	550	480	272
04/24/2020	3	546	460	262
04/24/2020	4	479	460	253
04/24/2020	5	460	455	245
04/24/2020	6	460	455	236
04/24/2020	7	460	455	245
04/24/2020	8	460	455	261
04/24/2020	9	550	460	274
04/24/2020	10	560	460	285
04/24/2020	11	580	460	296
04/24/2020	12	550	460	295
04/24/2020	13	570	460	301
04/24/2020	14	590	460	309
04/24/2020	15	570	460	307
04/24/2020	16	550	460	298
04/24/2020	17	500	460	284
04/24/2020	18	460	460	283
04/24/2020	19	580	474	310
04/24/2020	20	590	490	315
04/24/2020	21	647	647	324
04/24/2020	22	600	580	325
04/24/2020	23	600	565	315
04/24/2020	24	585	500	299
04/25/2020	1	647	647	278
04/25/2020	2	600	550	267
04/25/2020	3	546	477	257
04/25/2020	4	479	460	249
04/25/2020	5	460	455	243
04/25/2020	6	460	455	239
04/25/2020	7	460	455	245
04/25/2020	8	475	460	265
04/25/2020	9	498	460	275
04/25/2020	10	560	460	300
04/25/2020	11	647	647	314
04/25/2020	12	647	647	312
04/25/2020	13	647	647	318
04/25/2020	14	647	647	329
04/25/2020	15	647	647	327
04/25/2020	16	647	647	314
04/25/2020	17	647	647	293
04/25/2020	18	647	647	291
04/25/2020	19	647	647	317
04/25/2020	20	647	647	321
04/25/2020	21	647	647	328
04/25/2020	22	647	647	325
04/25/2020	23	647	647	315
04/25/2020	24	647	647	301

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/26/2020	1	647	647	275
04/26/2020	2	647	601	268
04/26/2020	3	546	460	259
04/26/2020	4	494	460	250
04/26/2020	5	460	455	242
04/26/2020	6	460	460	232
04/26/2020	7	480	460	241
04/26/2020	8	580	509	257
04/26/2020	9	647	647	269
04/26/2020	10	647	647	283
04/26/2020	11	647	560	296
04/26/2020	12	580	560	296
04/26/2020	13	594	550	302
04/26/2020	14	647	647	314
04/26/2020	15	647	647	313
04/26/2020	16	580	520	300
04/26/2020	17	570	480	278
04/26/2020	18	560	460	273
04/26/2020	19	580	470	298
04/26/2020	20	647	542	304
04/26/2020	21	647	647	313
04/26/2020	22	647	647	312
04/26/2020	23	647	605	302
04/26/2020	24	580	546	289
04/27/2020	1	647	526	274
04/27/2020	2	647	493	268
04/27/2020	3	546	455	259
04/27/2020	4	494	455	250
04/27/2020	5	460	450	242
04/27/2020	6	460	455	232
04/27/2020	7	480	455	241
04/27/2020	8	580	455	257
04/27/2020	9	647	497	286
04/27/2020	10	647	510	300
04/27/2020	11	647	500	313
04/27/2020	12	580	460	313
04/27/2020	13	594	460	319
04/27/2020	14	647	467	331
04/27/2020	15	647	460	330
04/27/2020	16	580	455	317
04/27/2020	17	570	455	295
04/27/2020	18	560	455	289
04/27/2020	19	580	466	315
04/27/2020	20	647	506	321
04/27/2020	21	647	510	330
04/27/2020	22	647	539	328
04/27/2020	23	647	519	319
04/27/2020	24	580	500	306
04/28/2020	1	647	562	287
04/28/2020	2	580	500	275
04/28/2020	3	530	460	263
04/28/2020	4	480	460	254
04/28/2020	5	460	455	248
04/28/2020	6	460	455	241
04/28/2020	7	465	455	237
04/28/2020	8	550	455	267
04/28/2020	9	560	495	285
04/28/2020	10	570	500	301
04/28/2020	11	580	510	313
04/28/2020	12	520	460	313
04/28/2020	13	580	468	319
04/28/2020	14	647	460	330
04/28/2020	15	560	460	329
04/28/2020	16	530	455	316
04/28/2020	17	500	455	294

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/28/2020	18	480	455	289
04/28/2020	19	580	506	315
04/28/2020	20	647	516	321
04/28/2020	21	647	520	331
04/28/2020	22	647	550	330
04/28/2020	23	647	530	319
04/28/2020	24	590	510	306
04/29/2020	1	647	647	298
04/29/2020	2	591	550	277
04/29/2020	3	550	480	266
04/29/2020	4	500	460	256
04/29/2020	5	480	460	248
04/29/2020	6	470	455	239
04/29/2020	7	500	455	243
04/29/2020	8	550	460	264
04/29/2020	9	558	480	283
04/29/2020	10	570	500	297
04/29/2020	11	590	550	310
04/29/2020	12	550	460	311
04/29/2020	13	580	520	320
04/29/2020	14	647	480	331
04/29/2020	15	580	460	330
04/29/2020	16	570	455	318
04/29/2020	17	512	455	296
04/29/2020	18	499	455	285
04/29/2020	19	580	506	312
04/29/2020	20	587	516	319
04/29/2020	21	590	508	328
04/29/2020	22	580	550	327
04/29/2020	23	596	550	317
04/29/2020	24	590	519	305
04/30/2020	1	588	500	287
04/30/2020	2	546	455	276
04/30/2020	3	512	455	265
04/30/2020	4	480	455	255
04/30/2020	5	455	450	249
04/30/2020	6	455	408	241
04/30/2020	7	455	450	247
04/30/2020	8	468	455	266
04/30/2020	9	487	455	285
04/30/2020	10	490	455	298
04/30/2020	11	500	455	310
04/30/2020	12	487	455	310
04/30/2020	13	497	468	317
04/30/2020	14	513	460	329
04/30/2020	15	473	460	328
04/30/2020	16	507	455	315
04/30/2020	17	455	450	294
04/30/2020	18	455	450	286
04/30/2020	19	535	500	311
04/30/2020	20	521	516	318
04/30/2020	21	590	520	327
04/30/2020	22	580	500	326
04/30/2020	23	570	500	317
04/30/2020	24	590	500	304
05/01/2020	1	580	460	279
05/01/2020	2	550	460	267
05/01/2020	3	550	460	255
05/01/2020	4	480	460	246
05/01/2020	5	460	455	240
05/01/2020	6	455	400	233
05/01/2020	7	455	423	233
05/01/2020	8	550	455	259
05/01/2020	9	558	460	266
05/01/2020	10	552	460	278

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/01/2020	11	571	460	290
05/01/2020	12	520	460	290
05/01/2020	13	568	460	295
05/01/2020	14	647	460	307
05/01/2020	15	647	460	306
05/01/2020	16	581	455	293
05/01/2020	17	470	455	271
05/01/2020	18	455	443	266
05/01/2020	19	580	460	292
05/01/2020	20	576	460	298
05/01/2020	21	614	460	308
05/01/2020	22	590	460	307
05/01/2020	23	580	460	296
05/01/2020	24	543	460	283
05/02/2020	1	580	460	283
05/02/2020	2	550	460	271
05/02/2020	3	550	460	259
05/02/2020	4	480	460	250
05/02/2020	5	460	455	244
05/02/2020	6	455	400	237
05/02/2020	7	455	423	237
05/02/2020	8	550	455	267
05/02/2020	9	558	460	282
05/02/2020	10	552	460	297
05/02/2020	11	571	460	309
05/02/2020	12	520	460	310
05/02/2020	13	568	460	315
05/02/2020	14	647	460	327
05/02/2020	15	647	460	326
05/02/2020	16	581	455	312
05/02/2020	17	470	455	291
05/02/2020	18	455	443	285
05/02/2020	19	580	460	312
05/02/2020	20	576	460	317
05/02/2020	21	614	460	327
05/02/2020	22	590	460	326
05/02/2020	23	580	460	316
05/02/2020	24	543	460	303
05/03/2020	1	647	460	279
05/03/2020	2	644	460	266
05/03/2020	3	610	460	255
05/03/2020	4	501	460	246
05/03/2020	5	456	455	240
05/03/2020	6	455	420	233
05/03/2020	7	472	455	237
05/03/2020	8	550	460	255
05/03/2020	9	558	460	265
05/03/2020	10	552	460	281
05/03/2020	11	571	460	293
05/03/2020	12	549	460	293
05/03/2020	13	647	460	299
05/03/2020	14	647	460	310
05/03/2020	15	647	460	309
05/03/2020	16	636	460	296
05/03/2020	17	550	460	274
05/03/2020	18	460	455	269
05/03/2020	19	580	460	295
05/03/2020	20	576	460	301
05/03/2020	21	614	460	311
05/03/2020	22	590	460	310
05/03/2020	23	580	460	299
05/03/2020	24	543	460	286
05/04/2020	1	647	460	288
05/04/2020	2	647	460	276
05/04/2020	3	570	460	265

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/04/2020	4	540	460	256
05/04/2020	5	500	460	251
05/04/2020	6	460	455	244
05/04/2020	7	460	455	250
05/04/2020	8	543	460	270
05/04/2020	9	558	460	289
05/04/2020	10	495	460	303
05/04/2020	11	516	460	316
05/04/2020	12	500	460	315
05/04/2020	13	600	460	320
05/04/2020	14	647	460	330
05/04/2020	15	647	460	328
05/04/2020	16	581	460	316
05/04/2020	17	470	460	296
05/04/2020	18	480	460	291
05/04/2020	19	647	460	317
05/04/2020	20	647	460	322
05/04/2020	21	647	460	330
05/04/2020	22	647	460	327
05/04/2020	23	647	460	317
05/04/2020	24	647	460	304
05/05/2020	1	647	554	303
05/05/2020	2	600	530	292
05/05/2020	3	580	500	280
05/05/2020	4	480	460	269
05/05/2020	5	470	460	263
05/05/2020	6	460	455	255
05/05/2020	7	480	460	260
05/05/2020	8	540	460	280
05/05/2020	9	647	460	298
05/05/2020	10	647	460	312
05/05/2020	11	647	483	324
05/05/2020	12	647	460	321
05/05/2020	13	647	480	327
05/05/2020	14	647	470	336
05/05/2020	15	647	460	334
05/05/2020	16	581	460	319
05/05/2020	17	500	460	299
05/05/2020	18	480	460	291
05/05/2020	19	600	484	316
05/05/2020	20	637	490	322
05/05/2020	21	647	583	331
05/05/2020	22	647	647	332
05/05/2020	23	647	647	324
05/05/2020	24	647	647	310
05/06/2020	1	590	556	306
05/06/2020	2	550	500	291
05/06/2020	3	530	480	280
05/06/2020	4	480	460	271
05/06/2020	5	470	460	264
05/06/2020	6	460	455	256
05/06/2020	7	480	460	260
05/06/2020	8	500	460	280
05/06/2020	9	550	460	299
05/06/2020	10	570	460	314
05/06/2020	11	580	483	327
05/06/2020	12	550	460	327
05/06/2020	13	540	460	335
05/06/2020	14	579	500	345
05/06/2020	15	596	500	344
05/06/2020	16	530	460	330
05/06/2020	17	500	460	308
05/06/2020	18	480	460	300
05/06/2020	19	580	460	327
05/06/2020	20	590	470	335

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/06/2020	21	590	476	344
05/06/2020	22	580	479	343
05/06/2020	23	550	460	332
05/06/2020	24	521	460	320
05/07/2020	1	647	556	325
05/07/2020	2	580	500	307
05/07/2020	3	560	480	295
05/07/2020	4	500	460	284
05/07/2020	5	480	460	277
05/07/2020	6	460	455	268
05/07/2020	7	460	455	273
05/07/2020	8	500	460	291
05/07/2020	9	550	460	311
05/07/2020	10	570	470	324
05/07/2020	11	580	483	337
05/07/2020	12	550	460	335
05/07/2020	13	580	561	342
05/07/2020	14	647	578	354
05/07/2020	15	647	560	352
05/07/2020	16	647	510	338
05/07/2020	17	500	460	316
05/07/2020	18	480	460	308
05/07/2020	19	580	460	334
05/07/2020	20	570	550	341
05/07/2020	21	647	609	350
05/07/2020	22	647	647	350
05/07/2020	23	647	647	342
05/07/2020	24	647	579	328
05/08/2020	1	590	544	317
05/08/2020	2	580	520	305
05/08/2020	3	560	480	294
05/08/2020	4	500	460	282
05/08/2020	5	480	460	275
05/08/2020	6	460	455	259
05/08/2020	7	460	455	265
05/08/2020	8	500	460	286
05/08/2020	9	570	460	305
05/08/2020	10	570	470	319
05/08/2020	11	580	480	332
05/08/2020	12	530	460	333
05/08/2020	13	647	482	344
05/08/2020	14	647	593	358
05/08/2020	15	647	647	358
05/08/2020	16	647	647	344
05/08/2020	17	550	500	318
05/08/2020	18	500	460	304
05/08/2020	19	580	460	331
05/08/2020	20	570	550	337
05/08/2020	21	647	611	354
05/08/2020	22	647	611	351
05/08/2020	23	647	607	337
05/08/2020	24	594	579	325
05/09/2020	1	520	493	312
05/09/2020	2	491	455	299
05/09/2020	3	487	455	287
05/09/2020	4	481	455	276
05/09/2020	5	455	447	269
05/09/2020	6	455	415	260
05/09/2020	7	455	415	262
05/09/2020	8	455	433	277
05/09/2020	9	510	490	294
05/09/2020	10	494	475	309
05/09/2020	11	490	489	320
05/09/2020	12	455	450	321
05/09/2020	13	486	463	328

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/09/2020	14	526	485	338
05/09/2020	15	530	526	338
05/09/2020	16	501	485	328
05/09/2020	17	460	455	308
05/09/2020	18	460	455	308
05/09/2020	19	515	500	336
05/09/2020	20	573	530	343
05/09/2020	21	647	589	352
05/09/2020	22	647	647	351
05/09/2020	23	576	528	338
05/09/2020	24	546	536	325
05/10/2020	1	580	480	288
05/10/2020	2	530	460	276
05/10/2020	3	480	460	265
05/10/2020	4	455	450	256
05/10/2020	5	455	440	250
05/10/2020	6	455	430	244
05/10/2020	7	460	455	250
05/10/2020	8	570	460	270
05/10/2020	9	570	460	281
05/10/2020	10	570	470	295
05/10/2020	11	580	480	308
05/10/2020	12	530	460	307
05/10/2020	13	580	460	312
05/10/2020	14	647	499	322
05/10/2020	15	647	500	320
05/10/2020	16	580	460	308
05/10/2020	17	550	460	288
05/10/2020	18	500	460	284
05/10/2020	19	647	550	309
05/10/2020	20	647	580	314
05/10/2020	21	647	580	322
05/10/2020	22	609	580	319
05/10/2020	23	580	550	309
05/10/2020	24	550	500	296
05/11/2020	1	570	470	297
05/11/2020	2	520	460	285
05/11/2020	3	470	460	274
05/11/2020	4	455	440	262
05/11/2020	5	455	438	255
05/11/2020	6	455	427	250
05/11/2020	7	460	455	257
05/11/2020	8	580	460	282
05/11/2020	9	580	460	306
05/11/2020	10	590	460	319
05/11/2020	11	580	480	333
05/11/2020	12	500	460	333
05/11/2020	13	580	460	345
05/11/2020	14	647	478	358
05/11/2020	15	647	535	358
05/11/2020	16	580	460	344
05/11/2020	17	550	460	318
05/11/2020	18	500	460	305
05/11/2020	19	580	460	331
05/11/2020	20	600	460	338
05/11/2020	21	647	647	355
05/11/2020	22	647	647	351
05/11/2020	23	647	555	338
05/11/2020	24	647	541	326
05/12/2020	1	590	510	315
05/12/2020	2	550	470	305
05/12/2020	3	500	460	296
05/12/2020	4	480	455	286
05/12/2020	5	459	455	278
05/12/2020	6	460	455	265

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/12/2020	7	466	455	270
05/12/2020	8	580	460	290
05/12/2020	9	580	460	309
05/12/2020	10	590	460	324
05/12/2020	11	580	480	335
05/12/2020	12	500	460	337
05/12/2020	13	580	460	348
05/12/2020	14	647	460	359
05/12/2020	15	647	537	361
05/12/2020	16	580	460	346
05/12/2020	17	510	460	317
05/12/2020	18	480	460	304
05/12/2020	19	550	460	332
05/12/2020	20	600	460	344
05/12/2020	21	647	647	357
05/12/2020	22	647	647	358
05/12/2020	23	647	580	348
05/12/2020	24	647	541	335
05/13/2020	1	647	602	321
05/13/2020	2	590	541	306
05/13/2020	3	560	492	295
05/13/2020	4	520	460	284
05/13/2020	5	480	460	276
05/13/2020	6	460	455	267
05/13/2020	7	460	455	269
05/13/2020	8	580	460	293
05/13/2020	9	647	460	313
05/13/2020	10	647	460	328
05/13/2020	11	647	480	341
05/13/2020	12	580	470	342
05/13/2020	13	619	460	349
05/13/2020	14	647	516	361
05/13/2020	15	647	559	361
05/13/2020	16	580	477	351
05/13/2020	17	510	460	324
05/13/2020	18	480	460	312
05/13/2020	19	539	460	341
05/13/2020	20	647	502	351
05/13/2020	21	647	630	362
05/13/2020	22	647	647	362
05/13/2020	23	647	647	351
05/13/2020	24	647	647	338
05/14/2020	1	647	647	328
05/14/2020	2	590	552	316
05/14/2020	3	560	491	306
05/14/2020	4	510	461	295
05/14/2020	5	490	460	287
05/14/2020	6	460	455	272
05/14/2020	7	460	455	264
05/14/2020	8	580	461	296
05/14/2020	9	647	497	317
05/14/2020	10	647	460	331
05/14/2020	11	647	463	343
05/14/2020	12	580	472	345
05/14/2020	13	647	496	356
05/14/2020	14	647	647	368
05/14/2020	15	647	647	368
05/14/2020	16	580	461	354
05/14/2020	17	510	460	326
05/14/2020	18	460	455	312
05/14/2020	19	539	460	340
05/14/2020	20	647	513	350
05/14/2020	21	647	647	364
05/14/2020	22	647	647	366
05/14/2020	23	647	647	356

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/14/2020	24	647	547	343
05/15/2020	1	647	647	318
05/15/2020	2	647	635	307
05/15/2020	3	647	637	295
05/15/2020	4	580	502	285
05/15/2020	5	520	489	276
05/15/2020	6	450	420	261
05/15/2020	7	460	420	242
05/15/2020	8	580	461	284
05/15/2020	9	647	521	304
05/15/2020	10	647	460	316
05/15/2020	11	647	509	329
05/15/2020	12	580	528	331
05/15/2020	13	647	647	341
05/15/2020	14	647	647	354
05/15/2020	15	647	647	352
05/15/2020	16	647	647	339
05/15/2020	17	510	420	314
05/15/2020	18	442	420	300
05/15/2020	19	500	420	326
05/15/2020	20	647	647	332
05/15/2020	21	647	647	348
05/15/2020	22	647	647	349
05/15/2020	23	647	647	340
05/15/2020	24	647	547	328
05/16/2020	1	450	438	303
05/16/2020	2	430	415	293
05/16/2020	3	430	415	283
05/16/2020	4	420	415	272
05/16/2020	5	412	410	268
05/16/2020	6	413	350	257
05/16/2020	7	372	300	224
05/16/2020	8	450	350	270
05/16/2020	9	480	365	283
05/16/2020	10	500	393	297
05/16/2020	11	507	455	308
05/16/2020	12	485	455	312
05/16/2020	13	530	455	322
05/16/2020	14	555	455	334
05/16/2020	15	590	455	334
05/16/2020	16	550	455	330
05/16/2020	17	470	420	310
05/16/2020	18	420	420	292
05/16/2020	19	458	455	313
05/16/2020	20	500	467	316
05/16/2020	21	580	468	328
05/16/2020	22	570	460	327
05/16/2020	23	560	460	322
05/16/2020	24	550	460	319
05/17/2020	1	580	480	279
05/17/2020	2	550	455	264
05/17/2020	3	540	455	255
05/17/2020	4	510	455	246
05/17/2020	5	480	455	238
05/17/2020	6	455	450	232
05/17/2020	7	455	420	241
05/17/2020	8	455	450	257
05/17/2020	9	480	455	270
05/17/2020	10	500	460	284
05/17/2020	11	520	460	297
05/17/2020	12	520	460	297
05/17/2020	13	530	460	303
05/17/2020	14	580	460	315
05/17/2020	15	590	460	314
05/17/2020	16	550	460	301

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/17/2020	17	470	460	279
05/17/2020	18	460	455	274
05/17/2020	19	500	460	299
05/17/2020	20	590	467	305
05/17/2020	21	647	520	314
05/17/2020	22	570	460	313
05/17/2020	23	560	460	303
05/17/2020	24	550	460	290
05/18/2020	1	601	500	293
05/18/2020	2	560	455	281
05/18/2020	3	550	455	270
05/18/2020	4	500	455	258
05/18/2020	5	490	455	251
05/18/2020	6	460	455	246
05/18/2020	7	485	455	253
05/18/2020	8	495	455	278
05/18/2020	9	500	455	303
05/18/2020	10	500	460	317
05/18/2020	11	577	460	330
05/18/2020	12	597	460	331
05/18/2020	13	647	510	342
05/18/2020	14	647	587	355
05/18/2020	15	647	580	356
05/18/2020	16	550	460	341
05/18/2020	17	470	460	316
05/18/2020	18	460	455	302
05/18/2020	19	500	460	329
05/18/2020	20	590	467	335
05/18/2020	21	647	520	352
05/18/2020	22	647	522	348
05/18/2020	23	647	520	335
05/18/2020	24	550	489	323
05/19/2020	1	647	647	330
05/19/2020	2	647	632	317
05/19/2020	3	550	460	305
05/19/2020	4	547	460	294
05/19/2020	5	490	460	288
05/19/2020	6	460	460	275
05/19/2020	7	460	455	267
05/19/2020	8	495	460	300
05/19/2020	9	500	460	325
05/19/2020	10	501	460	337
05/19/2020	11	647	569	350
05/19/2020	12	647	621	352
05/19/2020	13	647	647	364
05/19/2020	14	647	647	377
05/19/2020	15	647	647	375
05/19/2020	16	647	647	356
05/19/2020	17	550	460	332
05/19/2020	18	550	460	316
05/19/2020	19	647	647	344
05/19/2020	20	647	647	354
05/19/2020	21	647	647	366
05/19/2020	22	647	647	366
05/19/2020	23	647	647	356
05/19/2020	24	647	647	343
05/20/2020	1	647	543	324
05/20/2020	2	647	536	312
05/20/2020	3	550	460	302
05/20/2020	4	550	460	294
05/20/2020	5	490	460	288
05/20/2020	6	460	460	282
05/20/2020	7	460	450	290
05/20/2020	8	520	460	314
05/20/2020	9	550	460	338

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/20/2020	10	580	460	356
05/20/2020	11	647	551	372
05/20/2020	12	577	550	370
05/20/2020	13	647	647	377
05/20/2020	14	647	647	391
05/20/2020	15	647	647	388
05/20/2020	16	647	620	372
05/20/2020	17	580	505	349
05/20/2020	18	580	502	347
05/20/2020	19	647	647	377
05/20/2020	20	647	647	381
05/20/2020	21	647	647	388
05/20/2020	22	647	647	384
05/20/2020	23	647	647	371
05/20/2020	24	647	647	356
05/21/2020	1	647	540	321
05/21/2020	2	590	510	310
05/21/2020	3	540	460	298
05/21/2020	4	526	460	293
05/21/2020	5	490	460	283
05/21/2020	6	460	460	273
05/21/2020	7	460	450	284
05/21/2020	8	520	460	315
05/21/2020	9	570	488	340
05/21/2020	10	647	632	360
05/21/2020	11	647	647	370
05/21/2020	12	647	524	360
05/21/2020	13	647	589	358
05/21/2020	14	647	627	364
05/21/2020	15	647	601	361
05/21/2020	16	568	520	349
05/21/2020	17	540	460	324
05/21/2020	18	500	460	310
05/21/2020	19	510	460	331
05/21/2020	20	500	460	338
05/21/2020	21	569	460	348
05/21/2020	22	647	589	347
05/21/2020	23	647	593	337
05/21/2020	24	647	647	327
05/22/2020	1	647	257	320
05/22/2020	2	580	257	310
05/22/2020	3	540	257	297
05/22/2020	4	520	257	290
05/22/2020	5	500	257	283
05/22/2020	6	460	257	273
05/22/2020	7	460	257	284
05/22/2020	8	520	257	315
05/22/2020	9	647	437	340
05/22/2020	10	647	437	360
05/22/2020	11	647	437	370
05/22/2020	12	647	437	361
05/22/2020	13	647	437	358
05/22/2020	14	647	437	363
05/22/2020	15	647	437	361
05/22/2020	16	557	437	349
05/22/2020	17	532	437	324
05/22/2020	18	500	437	310
05/22/2020	19	516	437	331
05/22/2020	20	547	437	338
05/22/2020	21	647	437	347
05/22/2020	22	647	257	346
05/22/2020	23	647	257	337
05/22/2020	24	647	257	327
05/23/2020	1	647	647	327
05/23/2020	2	647	647	315

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/23/2020	3	634	613	304
05/23/2020	4	619	603	292
05/23/2020	5	614	537	285
05/23/2020	6	482	420	276
05/23/2020	7	420	364	277
05/23/2020	8	506	473	292
05/23/2020	9	605	588	310
05/23/2020	10	605	586	324
05/23/2020	11	601	592	337
05/23/2020	12	571	508	336
05/23/2020	13	595	594	344
05/23/2020	14	608	591	355
05/23/2020	15	647	596	353
05/23/2020	16	623	610	341
05/23/2020	17	539	530	321
05/23/2020	18	544	541	321
05/23/2020	19	647	646	350
05/23/2020	20	647	647	357
05/23/2020	21	647	647	367
05/23/2020	22	647	647	367
05/23/2020	23	647	647	355
05/23/2020	24	647	647	341
05/24/2020	1	620	550	292
05/24/2020	2	580	460	280
05/24/2020	3	540	460	270
05/24/2020	4	520	460	258
05/24/2020	5	500	460	250
05/24/2020	6	460	450	245
05/24/2020	7	460	450	252
05/24/2020	8	537	460	278
05/24/2020	9	500	460	290
05/24/2020	10	647	647	304
05/24/2020	11	647	647	318
05/24/2020	12	647	647	317
05/24/2020	13	647	647	329
05/24/2020	14	647	647	342
05/24/2020	15	647	647	342
05/24/2020	16	647	647	328
05/24/2020	17	647	635	303
05/24/2020	18	550	488	289
05/24/2020	19	647	595	316
05/24/2020	20	647	647	322
05/24/2020	21	647	647	339
05/24/2020	22	647	647	335
05/24/2020	23	647	647	322
05/24/2020	24	580	500	310
05/25/2020	1	620	550	293
05/25/2020	2	580	460	281
05/25/2020	3	540	460	270
05/25/2020	4	520	460	258
05/25/2020	5	500	460	251
05/25/2020	6	460	450	246
05/25/2020	7	460	450	253
05/25/2020	8	480	460	278
05/25/2020	9	500	460	297
05/25/2020	10	520	470	310
05/25/2020	11	550	480	324
05/25/2020	12	540	470	324
05/25/2020	13	560	460	336
05/25/2020	14	647	647	349
05/25/2020	15	647	647	349
05/25/2020	16	599	480	335
05/25/2020	17	532	460	309
05/25/2020	18	485	460	296
05/25/2020	19	647	460	322

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/25/2020	20	575	480	329
05/25/2020	21	647	647	346
05/25/2020	22	647	583	342
05/25/2020	23	647	647	329
05/25/2020	24	647	580	317
05/26/2020	1	601	591	308
05/26/2020	2	601	589	296
05/26/2020	3	604	596	287
05/26/2020	4	606	588	277
05/26/2020	5	602	522	270
05/26/2020	6	469	460	260
05/26/2020	7	460	420	270
05/26/2020	8	518	486	293
05/26/2020	9	618	602	313
05/26/2020	10	620	602	327
05/26/2020	11	618	609	342
05/26/2020	12	592	526	344
05/26/2020	13	622	620	356
05/26/2020	14	647	647	369
05/26/2020	15	647	647	369
05/26/2020	16	647	633	351
05/26/2020	17	550	544	325
05/26/2020	18	540	538	311
05/26/2020	19	647	640	339
05/26/2020	20	585	563	352
05/26/2020	21	647	647	365
05/26/2020	22	647	647	365
05/26/2020	23	647	647	356
05/26/2020	24	647	647	345
05/27/2020	1	647	647	330
05/27/2020	2	647	647	320
05/27/2020	3	647	647	308
05/27/2020	4	606	579	297
05/27/2020	5	580	521	289
05/27/2020	6	460	460	280
05/27/2020	7	460	420	288
05/27/2020	8	518	486	319
05/27/2020	9	647	581	344
05/27/2020	10	647	647	361
05/27/2020	11	647	647	374
05/27/2020	12	647	647	375
05/27/2020	13	647	647	383
05/27/2020	14	647	647	388
05/27/2020	15	647	647	382
05/27/2020	16	647	647	370
05/27/2020	17	550	460	339
05/27/2020	18	471	460	325
05/27/2020	19	647	640	348
05/27/2020	20	647	647	359
05/27/2020	21	647	647	370
05/27/2020	22	647	647	370
05/27/2020	23	647	647	360
05/27/2020	24	647	647	347
05/28/2020	1	647	647	334
05/28/2020	2	647	647	319
05/28/2020	3	647	631	309
05/28/2020	4	606	572	297
05/28/2020	5	580	546	290
05/28/2020	6	460	460	278
05/28/2020	7	460	420	285
05/28/2020	8	518	486	311
05/28/2020	9	647	490	333
05/28/2020	10	647	500	350
05/28/2020	11	647	460	362
05/28/2020	12	647	479	363

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/28/2020	13	647	460	373
05/28/2020	14	647	506	382
05/28/2020	15	647	526	379
05/28/2020	16	647	462	366
05/28/2020	17	550	460	335
05/28/2020	18	470	460	321
05/28/2020	19	647	640	347
05/28/2020	20	615	550	359
05/28/2020	21	647	632	371
05/28/2020	22	647	647	372
05/28/2020	23	647	647	362
05/28/2020	24	647	637	349
05/29/2020	1	647	618	324
05/29/2020	2	647	557	314
05/29/2020	3	540	500	303
05/29/2020	4	490	460	292
05/29/2020	5	500	470	284
05/29/2020	6	460	420	274
05/29/2020	7	460	420	283
05/29/2020	8	633	518	313
05/29/2020	9	647	633	338
05/29/2020	10	647	647	354
05/29/2020	11	647	647	367
05/29/2020	12	647	647	367
05/29/2020	13	647	647	375
05/29/2020	14	647	647	380
05/29/2020	15	647	647	374
05/29/2020	16	647	607	362
05/29/2020	17	550	460	332
05/29/2020	18	470	460	318
05/29/2020	19	647	640	341
05/29/2020	20	580	550	352
05/29/2020	21	647	551	362
05/29/2020	22	580	548	362
05/29/2020	23	537	502	353
05/29/2020	24	510	474	340
05/30/2020	1	593	587	306
05/30/2020	2	497	489	299
05/30/2020	3	476	433	287
05/30/2020	4	548	425	278
05/30/2020	5	553	383	276
05/30/2020	6	416	352	265
05/30/2020	7	420	352	268
05/30/2020	8	462	458	286
05/30/2020	9	588	574	312
05/30/2020	10	584	572	332
05/30/2020	11	597	595	345
05/30/2020	12	600	600	344
05/30/2020	13	585	580	349
05/30/2020	14	602	595	356
05/30/2020	15	606	602	345
05/30/2020	16	581	513	325
05/30/2020	17	527	512	310
05/30/2020	18	553	477	303
05/30/2020	19	609	596	312
05/30/2020	20	607	567	317
05/30/2020	21	592	562	319
05/30/2020	22	598	585	319
05/30/2020	23	573	562	310
05/30/2020	24	549	497	299
05/31/2020	1	570	500	287
05/31/2020	2	530	460	272
05/31/2020	3	500	460	263
05/31/2020	4	480	460	254
05/31/2020	5	500	460	246

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/31/2020	6	460	420	240
05/31/2020	7	460	420	249
05/31/2020	8	470	460	265
05/31/2020	9	500	460	284
05/31/2020	10	534	460	298
05/31/2020	11	550	470	311
05/31/2020	12	540	460	311
05/31/2020	13	647	529	317
05/31/2020	14	647	607	329
05/31/2020	15	580	550	327
05/31/2020	16	550	540	315
05/31/2020	17	550	468	293
05/31/2020	18	503	470	287
05/31/2020	19	647	640	312
05/31/2020	20	525	508	319
05/31/2020	21	603	551	328
05/31/2020	22	580	548	326
05/31/2020	23	537	502	317
05/31/2020	24	510	474	304
06/01/2020	1	570	500	299
06/01/2020	2	530	460	287
06/01/2020	3	500	460	275
06/01/2020	4	480	460	265
06/01/2020	5	500	460	259
06/01/2020	6	460	420	247
06/01/2020	7	460	420	259
06/01/2020	8	500	480	295
06/01/2020	9	580	550	340
06/01/2020	10	647	580	362
06/01/2020	11	647	580	374
06/01/2020	12	580	550	373
06/01/2020	13	601	550	377
06/01/2020	14	647	647	389
06/01/2020	15	647	547	381
06/01/2020	16	647	540	361
06/01/2020	17	550	468	333
06/01/2020	18	503	470	318
06/01/2020	19	550	490	336
06/01/2020	20	525	480	335
06/01/2020	21	550	470	343
06/01/2020	22	580	550	344
06/01/2020	23	647	557	337
06/01/2020	24	590	509	326
06/02/2020	1	647	647	333
06/02/2020	2	647	584	322
06/02/2020	3	606	500	310
06/02/2020	4	550	480	300
06/02/2020	5	530	460	296
06/02/2020	6	510	460	286
06/02/2020	7	520	460	294
06/02/2020	8	647	647	327
06/02/2020	9	647	647	353
06/02/2020	10	647	594	369
06/02/2020	11	647	608	382
06/02/2020	12	647	580	379
06/02/2020	13	647	582	386
06/02/2020	14	647	647	399
06/02/2020	15	647	647	399
06/02/2020	16	647	647	386
06/02/2020	17	647	550	363
06/02/2020	18	530	510	350
06/02/2020	19	647	595	371
06/02/2020	20	647	585	375
06/02/2020	21	647	647	380
06/02/2020	22	647	647	375

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/02/2020	23	647	647	361
06/02/2020	24	647	537	334
06/03/2020	1	647	634	320
06/03/2020	2	647	569	298
06/03/2020	3	580	480	291
06/03/2020	4	550	460	284
06/03/2020	5	530	460	282
06/03/2020	6	510	490	276
06/03/2020	7	552	520	293
06/03/2020	8	647	550	325
06/03/2020	9	647	567	354
06/03/2020	10	647	647	378
06/03/2020	11	647	647	391
06/03/2020	12	647	647	388
06/03/2020	13	647	647	392
06/03/2020	14	647	647	404
06/03/2020	15	647	647	398
06/03/2020	16	647	647	385
06/03/2020	17	647	519	360
06/03/2020	18	554	500	343
06/03/2020	19	647	520	362
06/03/2020	20	647	647	365
06/03/2020	21	647	647	369
06/03/2020	22	647	647	365
06/03/2020	23	647	647	353
06/03/2020	24	647	647	340
06/04/2020	1	647	608	323
06/04/2020	2	647	570	319
06/04/2020	3	580	540	313
06/04/2020	4	550	520	303
06/04/2020	5	530	490	298
06/04/2020	6	530	490	289
06/04/2020	7	552	540	301
06/04/2020	8	647	570	339
06/04/2020	9	647	647	367
06/04/2020	10	647	609	388
06/04/2020	11	647	624	400
06/04/2020	12	647	503	397
06/04/2020	13	647	647	403
06/04/2020	14	647	647	414
06/04/2020	15	647	647	403
06/04/2020	16	647	647	385
06/04/2020	17	550	486	354
06/04/2020	18	500	460	337
06/04/2020	19	647	528	352
06/04/2020	20	647	486	361
06/04/2020	21	647	508	371
06/04/2020	22	611	520	372
06/04/2020	23	568	500	360
06/04/2020	24	623	480	348
06/05/2020	1	647	637	340
06/05/2020	2	647	637	328
06/05/2020	3	647	637	319
06/05/2020	4	647	524	310
06/05/2020	5	530	490	302
06/05/2020	6	530	490	295
06/05/2020	7	552	540	314
06/05/2020	8	647	570	345
06/05/2020	9	647	637	373
06/05/2020	10	647	637	396
06/05/2020	11	647	637	410
06/05/2020	12	647	637	407
06/05/2020	13	647	637	415
06/05/2020	14	647	637	431
06/05/2020	15	647	637	426

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/05/2020	16	647	637	396
06/05/2020	17	550	486	366
06/05/2020	18	500	460	349
06/05/2020	19	647	637	361
06/05/2020	20	647	637	370
06/05/2020	21	647	637	382
06/05/2020	22	647	637	383
06/05/2020	23	647	637	372
06/05/2020	24	647	637	360
06/06/2020	1	643	630	343
06/06/2020	2	639	620	335
06/06/2020	3	637	623	322
06/06/2020	4	617	608	312
06/06/2020	5	625	603	305
06/06/2020	6	534	487	292
06/06/2020	7	520	460	301
06/06/2020	8	520	460	321
06/06/2020	9	598	590	343
06/06/2020	10	620	614	361
06/06/2020	11	631	614	373
06/06/2020	12	634	614	372
06/06/2020	13	647	647	378
06/06/2020	14	647	647	388
06/06/2020	15	647	647	382
06/06/2020	16	590	571	364
06/06/2020	17	604	590	345
06/06/2020	18	520	510	330
06/06/2020	19	630	611	349
06/06/2020	20	626	608	356
06/06/2020	21	647	647	363
06/06/2020	22	612	594	362
06/06/2020	23	618	580	354
06/06/2020	24	574	540	343
06/07/2020	1	580	499	303
06/07/2020	2	561	480	288
06/07/2020	3	520	460	279
06/07/2020	4	500	460	270
06/07/2020	5	480	460	262
06/07/2020	6	460	460	256
06/07/2020	7	480	460	265
06/07/2020	8	520	460	281
06/07/2020	9	550	460	306
06/07/2020	10	576	500	320
06/07/2020	11	647	550	333
06/07/2020	12	590	524	333
06/07/2020	13	647	550	339
06/07/2020	14	647	572	351
06/07/2020	15	647	550	349
06/07/2020	16	647	528	337
06/07/2020	17	550	486	315
06/07/2020	18	500	460	309
06/07/2020	19	647	647	334
06/07/2020	20	647	647	341
06/07/2020	21	647	647	350
06/07/2020	22	647	580	348
06/07/2020	23	580	550	338
06/07/2020	24	560	520	326
06/08/2020	1	600	522	311
06/08/2020	2	580	498	303
06/08/2020	3	520	460	297
06/08/2020	4	500	460	291
06/08/2020	5	500	460	286
06/08/2020	6	500	460	281
06/08/2020	7	480	460	293
06/08/2020	8	550	460	339

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/08/2020	9	580	480	367
06/08/2020	10	647	575	388
06/08/2020	11	647	631	400
06/08/2020	12	647	547	397
06/08/2020	13	647	647	403
06/08/2020	14	647	647	414
06/08/2020	15	647	550	403
06/08/2020	16	647	528	385
06/08/2020	17	550	460	354
06/08/2020	18	500	460	337
06/08/2020	19	647	547	352
06/08/2020	20	582	550	361
06/08/2020	21	647	632	371
06/08/2020	22	647	618	372
06/08/2020	23	580	563	360
06/08/2020	24	560	550	348
06/09/2020	1	620	530	343
06/09/2020	2	580	500	331
06/09/2020	3	520	460	318
06/09/2020	4	500	460	307
06/09/2020	5	500	460	301
06/09/2020	6	500	460	291
06/09/2020	7	460	455	289
06/09/2020	8	550	425	345
06/09/2020	9	580	341	373
06/09/2020	10	647	509	394
06/09/2020	11	647	521	407
06/09/2020	12	647	521	403
06/09/2020	13	647	521	411
06/09/2020	14	647	521	427
06/09/2020	15	647	521	420
06/09/2020	16	647	476	400
06/09/2020	17	550	460	363
06/09/2020	18	500	460	340
06/09/2020	19	580	505	357
06/09/2020	20	561	480	369
06/09/2020	21	647	341	382
06/09/2020	22	647	425	386
06/09/2020	23	647	530	374
06/09/2020	24	580	483	359
06/10/2020	1	647	550	342
06/10/2020	2	580	530	331
06/10/2020	3	540	460	320
06/10/2020	4	510	460	309
06/10/2020	5	500	460	303
06/10/2020	6	500	460	293
06/10/2020	7	460	455	285
06/10/2020	8	550	460	343
06/10/2020	9	580	476	372
06/10/2020	10	647	509	392
06/10/2020	11	647	557	402
06/10/2020	12	580	537	398
06/10/2020	13	647	558	407
06/10/2020	14	647	560	423
06/10/2020	15	647	550	418
06/10/2020	16	580	480	396
06/10/2020	17	550	460	368
06/10/2020	18	460	460	342
06/10/2020	19	580	506	364
06/10/2020	20	550	480	374
06/10/2020	21	585	500	386
06/10/2020	22	610	526	389
06/10/2020	23	647	580	382
06/10/2020	24	580	490	366
06/11/2020	1	647	580	345

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/11/2020	2	580	550	333
06/11/2020	3	540	460	321
06/11/2020	4	510	460	311
06/11/2020	5	500	460	305
06/11/2020	6	500	460	296
06/11/2020	7	460	455	283
06/11/2020	8	550	460	341
06/11/2020	9	580	468	366
06/11/2020	10	590	470	378
06/11/2020	11	647	520	391
06/11/2020	12	603	500	388
06/11/2020	13	636	500	396
06/11/2020	14	647	596	411
06/11/2020	15	647	580	410
06/11/2020	16	580	480	395
06/11/2020	17	550	460	365
06/11/2020	18	460	460	340
06/11/2020	19	580	483	355
06/11/2020	20	550	460	366
06/11/2020	21	580	474	378
06/11/2020	22	647	550	381
06/11/2020	23	647	580	373
06/11/2020	24	580	490	360
06/12/2020	1	481	473	312
06/12/2020	2	420	403	300
06/12/2020	3	420	392	288
06/12/2020	4	420	392	281
06/12/2020	5	420	394	273
06/12/2020	6	420	389	264
06/12/2020	7	420	389	262
06/12/2020	8	420	374	277
06/12/2020	9	454	450	301
06/12/2020	10	517	475	317
06/12/2020	11	542	533	332
06/12/2020	12	554	540	331
06/12/2020	13	556	552	333
06/12/2020	14	566	547	343
06/12/2020	15	520	491	339
06/12/2020	16	493	490	334
06/12/2020	17	506	505	319
06/12/2020	18	522	517	316
06/12/2020	19	531	529	337
06/12/2020	20	529	528	341
06/12/2020	21	536	518	345
06/12/2020	22	590	588	339
06/12/2020	23	510	510	328
06/12/2020	24	453	424	315
06/13/2020	1	486	477	315
06/13/2020	2	430	420	306
06/13/2020	3	420	401	295
06/13/2020	4	420	399	286
06/13/2020	5	420	402	279
06/13/2020	6	420	392	266
06/13/2020	7	420	406	273
06/13/2020	8	420	406	294
06/13/2020	9	472	467	313
06/13/2020	10	538	495	330
06/13/2020	11	557	547	341
06/13/2020	12	569	554	340
06/13/2020	13	577	572	345
06/13/2020	14	585	566	354
06/13/2020	15	533	504	348
06/13/2020	16	493	489	333
06/13/2020	17	499	498	315
06/13/2020	18	499	481	305

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/13/2020	19	501	488	319
06/13/2020	20	504	503	326
06/13/2020	21	499	499	332
06/13/2020	22	576	574	331
06/13/2020	23	502	502	324
06/13/2020	24	450	421	313
06/14/2020	1	580	500	299
06/14/2020	2	580	550	284
06/14/2020	3	540	470	275
06/14/2020	4	510	460	267
06/14/2020	5	460	455	258
06/14/2020	6	460	455	252
06/14/2020	7	460	455	261
06/14/2020	8	550	460	277
06/14/2020	9	571	460	288
06/14/2020	10	580	460	302
06/14/2020	11	580	550	315
06/14/2020	12	580	512	314
06/14/2020	13	626	500	321
06/14/2020	14	647	596	333
06/14/2020	15	647	592	331
06/14/2020	16	580	467	318
06/14/2020	17	500	460	297
06/14/2020	18	460	460	291
06/14/2020	19	580	500	316
06/14/2020	20	550	460	323
06/14/2020	21	647	552	331
06/14/2020	22	647	560	330
06/14/2020	23	580	500	320
06/14/2020	24	550	490	308
06/15/2020	1	590	541	309
06/15/2020	2	560	521	298
06/15/2020	3	540	470	286
06/15/2020	4	510	460	276
06/15/2020	5	460	455	276
06/15/2020	6	500	460	278
06/15/2020	7	460	455	286
06/15/2020	8	550	460	319
06/15/2020	9	571	460	344
06/15/2020	10	580	460	359
06/15/2020	11	647	532	373
06/15/2020	12	580	512	370
06/15/2020	13	626	500	377
06/15/2020	14	647	596	390
06/15/2020	15	647	592	389
06/15/2020	16	587	500	377
06/15/2020	17	500	460	354
06/15/2020	18	470	460	341
06/15/2020	19	580	500	361
06/15/2020	20	550	460	365
06/15/2020	21	580	552	370
06/15/2020	22	570	560	365
06/15/2020	23	580	550	352
06/15/2020	24	550	480	325
06/16/2020	1	600	560	334
06/16/2020	2	580	520	322
06/16/2020	3	550	470	309
06/16/2020	4	510	460	300
06/16/2020	5	460	455	293
06/16/2020	6	500	460	285
06/16/2020	7	460	455	292
06/16/2020	8	550	460	333
06/16/2020	9	607	460	360
06/16/2020	10	647	460	381
06/16/2020	11	647	571	393

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/16/2020	12	580	528	389
06/16/2020	13	626	593	397
06/16/2020	14	647	647	413
06/16/2020	15	647	550	407
06/16/2020	16	570	500	388
06/16/2020	17	500	460	351
06/16/2020	18	460	455	329
06/16/2020	19	580	500	346
06/16/2020	20	580	500	357
06/16/2020	21	600	516	370
06/16/2020	22	570	560	374
06/16/2020	23	647	595	362
06/16/2020	24	563	480	348
06/17/2020	1	647	570	330
06/17/2020	2	600	540	319
06/17/2020	3	550	480	308
06/17/2020	4	510	460	298
06/17/2020	5	460	455	292
06/17/2020	6	500	460	283
06/17/2020	7	460	455	296
06/17/2020	8	580	500	331
06/17/2020	9	595	500	359
06/17/2020	10	647	500	378
06/17/2020	11	647	595	388
06/17/2020	12	580	555	383
06/17/2020	13	647	598	392
06/17/2020	14	647	647	408
06/17/2020	15	647	606	404
06/17/2020	16	560	523	382
06/17/2020	17	520	516	355
06/17/2020	18	480	460	330
06/17/2020	19	580	530	350
06/17/2020	20	580	532	359
06/17/2020	21	600	580	371
06/17/2020	22	570	560	374
06/17/2020	23	647	647	368
06/17/2020	24	580	550	353
06/18/2020	1	647	580	348
06/18/2020	2	600	558	335
06/18/2020	3	560	500	323
06/18/2020	4	520	470	313
06/18/2020	5	477	460	307
06/18/2020	6	460	460	297
06/18/2020	7	460	455	312
06/18/2020	8	580	500	343
06/18/2020	9	595	541	369
06/18/2020	10	647	570	380
06/18/2020	11	647	572	394
06/18/2020	12	580	540	390
06/18/2020	13	647	647	401
06/18/2020	14	647	597	415
06/18/2020	15	647	647	413
06/18/2020	16	600	563	400
06/18/2020	17	520	504	368
06/18/2020	18	480	460	342
06/18/2020	19	580	530	357
06/18/2020	20	580	532	369
06/18/2020	21	647	647	381
06/18/2020	22	647	647	387
06/18/2020	23	647	581	375
06/18/2020	24	647	641	362
06/19/2020	1	647	563	352
06/19/2020	2	600	547	342
06/19/2020	3	560	535	331
06/19/2020	4	520	511	322

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/19/2020	5	480	460	315
06/19/2020	6	460	460	305
06/19/2020	7	496	460	318
06/19/2020	8	580	493	349
06/19/2020	9	595	541	371
06/19/2020	10	647	647	390
06/19/2020	11	647	602	404
06/19/2020	12	580	545	400
06/19/2020	13	647	647	410
06/19/2020	14	647	647	422
06/19/2020	15	647	647	419
06/19/2020	16	600	539	403
06/19/2020	17	520	460	373
06/19/2020	18	480	460	347
06/19/2020	19	580	518	367
06/19/2020	20	597	532	379
06/19/2020	21	647	575	391
06/19/2020	22	647	580	399
06/19/2020	23	647	550	387
06/19/2020	24	647	520	374
06/20/2020	1	558	512	340
06/20/2020	2	525	455	328
06/20/2020	3	500	455	318
06/20/2020	4	475	455	319
06/20/2020	5	455	400	299
06/20/2020	6	439	352	287
06/20/2020	7	439	352	297
06/20/2020	8	437	406	322
06/20/2020	9	566	498	342
06/20/2020	10	587	498	359
06/20/2020	11	599	498	372
06/20/2020	12	602	498	369
06/20/2020	13	596	498	378
06/20/2020	14	587	498	390
06/20/2020	15	593	512	388
06/20/2020	16	610	547	374
06/20/2020	17	527	514	346
06/20/2020	18	450	425	326
06/20/2020	19	566	512	345
06/20/2020	20	590	512	356
06/20/2020	21	600	477	368
06/20/2020	22	610	477	376
06/20/2020	23	580	477	366
06/20/2020	24	455	440	354
06/21/2020	1	580	520	307
06/21/2020	2	550	500	292
06/21/2020	3	520	480	283
06/21/2020	4	480	460	274
06/21/2020	5	460	455	266
06/21/2020	6	460	455	260
06/21/2020	7	460	460	269
06/21/2020	8	505	493	285
06/21/2020	9	510	500	308
06/21/2020	10	550	520	322
06/21/2020	11	580	530	335
06/21/2020	12	550	500	335
06/21/2020	13	580	520	341
06/21/2020	14	647	636	353
06/21/2020	15	647	633	352
06/21/2020	16	600	543	339
06/21/2020	17	520	460	317
06/21/2020	18	480	460	311
06/21/2020	19	647	647	337
06/21/2020	20	647	539	343
06/21/2020	21	647	647	352

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/21/2020	22	647	636	350
06/21/2020	23	589	521	341
06/21/2020	24	530	480	328
06/22/2020	1	623	580	346
06/22/2020	2	550	519	333
06/22/2020	3	520	500	320
06/22/2020	4	500	499	317
06/22/2020	5	521	460	305
06/22/2020	6	521	460	297
06/22/2020	7	551	520	314
06/22/2020	8	647	580	348
06/22/2020	9	647	591	378
06/22/2020	10	647	616	391
06/22/2020	11	647	647	402
06/22/2020	12	647	647	400
06/22/2020	13	647	647	405
06/22/2020	14	647	647	418
06/22/2020	15	647	647	414
06/22/2020	16	647	647	400
06/22/2020	17	647	627	374
06/22/2020	18	550	500	347
06/22/2020	19	647	580	363
06/22/2020	20	647	638	375
06/22/2020	21	647	647	387
06/22/2020	22	647	647	388
06/22/2020	23	647	647	378
06/22/2020	24	647	647	361
06/23/2020	1	623	580	346
06/23/2020	2	550	519	333
06/23/2020	3	520	500	320
06/23/2020	4	500	499	317
06/23/2020	5	521	460	305
06/23/2020	6	521	460	297
06/23/2020	7	551	520	314
06/23/2020	8	647	580	348
06/23/2020	9	647	591	378
06/23/2020	10	647	616	391
06/23/2020	11	647	647	402
06/23/2020	12	647	647	400
06/23/2020	13	647	647	405
06/23/2020	14	647	647	418
06/23/2020	15	647	647	414
06/23/2020	16	647	647	400
06/23/2020	17	647	627	374
06/23/2020	18	550	500	347
06/23/2020	19	647	580	363
06/23/2020	20	647	638	375
06/23/2020	21	647	647	387
06/23/2020	22	647	647	388
06/23/2020	23	647	647	378
06/23/2020	24	647	647	361
06/24/2020	1	601	438	340
06/24/2020	2	550	508	330
06/24/2020	3	542	500	317
06/24/2020	4	500	470	307
06/24/2020	5	521	460	303
06/24/2020	6	521	460	295
06/24/2020	7	610	473	312
06/24/2020	8	647	473	345
06/24/2020	9	647	438	376
06/24/2020	10	647	418	395
06/24/2020	11	647	418	407
06/24/2020	12	647	418	404
06/24/2020	13	647	418	410
06/24/2020	14	647	310	425

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/24/2020	15	647	310	420
06/24/2020	16	647	418	409
06/24/2020	17	647	418	380
06/24/2020	18	570	418	353
06/24/2020	19	600	438	361
06/24/2020	20	600	438	372
06/24/2020	21	647	310	384
06/24/2020	22	647	310	387
06/24/2020	23	647	438	377
06/24/2020	24	580	438	362
06/25/2020	1	647	591	346
06/25/2020	2	647	573	334
06/25/2020	3	588	520	321
06/25/2020	4	531	470	311
06/25/2020	5	520	460	305
06/25/2020	6	519	460	295
06/25/2020	7	550	480	302
06/25/2020	8	647	619	341
06/25/2020	9	647	647	367
06/25/2020	10	647	647	384
06/25/2020	11	647	647	396
06/25/2020	12	647	573	394
06/25/2020	13	647	647	404
06/25/2020	14	647	647	416
06/25/2020	15	647	647	412
06/25/2020	16	647	647	398
06/25/2020	17	550	520	368
06/25/2020	18	500	480	346
06/25/2020	19	550	518	360
06/25/2020	20	583	520	371
06/25/2020	21	647	647	383
06/25/2020	22	647	647	386
06/25/2020	23	647	615	374
06/25/2020	24	551	480	359
06/26/2020	1	647	647	362
06/26/2020	2	647	647	351
06/26/2020	3	647	647	347
06/26/2020	4	647	580	337
06/26/2020	5	580	550	330
06/26/2020	6	550	500	321
06/26/2020	7	540	500	321
06/26/2020	8	647	647	352
06/26/2020	9	647	647	374
06/26/2020	10	647	647	393
06/26/2020	11	647	647	407
06/26/2020	12	647	647	404
06/26/2020	13	647	647	413
06/26/2020	14	647	647	424
06/26/2020	15	647	647	422
06/26/2020	16	647	647	406
06/26/2020	17	592	550	376
06/26/2020	18	550	500	350
06/26/2020	19	647	611	368
06/26/2020	20	647	647	382
06/26/2020	21	647	647	395
06/26/2020	22	647	647	401
06/26/2020	23	647	647	390
06/26/2020	24	647	647	371
06/27/2020	1	548	460	328
06/27/2020	2	534	460	316
06/27/2020	3	496	460	306
06/27/2020	4	469	460	297
06/27/2020	5	460	455	291
06/27/2020	6	460	455	279
06/27/2020	7	460	455	285

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/27/2020	8	460	455	309
06/27/2020	9	583	460	333
06/27/2020	10	567	460	352
06/27/2020	11	599	460	363
06/27/2020	12	591	460	358
06/27/2020	13	468	460	359
06/27/2020	14	575	460	367
06/27/2020	15	542	460	364
06/27/2020	16	547	460	355
06/27/2020	17	546	460	339
06/27/2020	18	512	460	331
06/27/2020	19	636	460	350
06/27/2020	20	614	460	353
06/27/2020	21	647	460	354
06/27/2020	22	638	460	350
06/27/2020	23	538	460	341
06/27/2020	24	553	460	329
06/28/2020	1	460	455	308
06/28/2020	2	460	455	293
06/28/2020	3	460	455	284
06/28/2020	4	460	455	275
06/28/2020	5	460	455	267
06/28/2020	6	460	455	261
06/28/2020	7	460	455	270
06/28/2020	8	460	455	286
06/28/2020	9	460	455	301
06/28/2020	10	460	455	315
06/28/2020	11	460	455	328
06/28/2020	12	460	455	328
06/28/2020	13	460	455	334
06/28/2020	14	460	455	346
06/28/2020	15	460	455	345
06/28/2020	16	460	455	332
06/28/2020	17	460	455	310
06/28/2020	18	460	455	304
06/28/2020	19	544	460	330
06/28/2020	20	607	460	336
06/28/2020	21	647	460	345
06/28/2020	22	605	460	343
06/28/2020	23	550	460	334
06/28/2020	24	481	460	321
06/29/2020	1	574	460	326
06/29/2020	2	561	460	314
06/29/2020	3	500	460	301
06/29/2020	4	480	460	288
06/29/2020	5	460	460	285
06/29/2020	6	460	455	278
06/29/2020	7	500	460	296
06/29/2020	8	580	460	340
06/29/2020	9	647	527	370
06/29/2020	10	647	547	389
06/29/2020	11	647	460	401
06/29/2020	12	647	460	398
06/29/2020	13	647	460	403
06/29/2020	14	647	647	415
06/29/2020	15	647	556	410
06/29/2020	16	556	460	393
06/29/2020	17	520	460	363
06/29/2020	18	460	455	341
06/29/2020	19	544	460	355
06/29/2020	20	577	460	364
06/29/2020	21	647	460	373
06/29/2020	22	647	497	375
06/29/2020	23	585	460	365
06/29/2020	24	514	460	351

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/30/2020	1	570	460	318
06/30/2020	2	550	460	306
06/30/2020	3	500	460	296
06/30/2020	4	480	460	288
06/30/2020	5	460	460	284
06/30/2020	6	460	455	277
06/30/2020	7	480	460	283
06/30/2020	8	550	460	326
06/30/2020	9	570	460	353
06/30/2020	10	647	460	372
06/30/2020	11	647	497	384
06/30/2020	12	580	460	381
06/30/2020	13	608	560	387
06/30/2020	14	647	635	401
06/30/2020	15	647	561	397
06/30/2020	16	553	524	384
06/30/2020	17	520	460	352
06/30/2020	18	460	455	330
06/30/2020	19	536	460	343
06/30/2020	20	580	460	353
06/30/2020	21	647	462	362
06/30/2020	22	647	520	360
06/30/2020	23	585	473	348
06/30/2020	24	520	460	334
07/01/2020	1	580	460	327
07/01/2020	2	580	460	318
07/01/2020	3	460	455	305
07/01/2020	4	460	455	296
07/01/2020	5	460	455	291
07/01/2020	6	550	460	284
07/01/2020	7	600	460	297
07/01/2020	8	647	464	333
07/01/2020	9	647	480	363
07/01/2020	10	647	513	383
07/01/2020	11	647	594	395
07/01/2020	12	647	580	391
07/01/2020	13	647	608	398
07/01/2020	14	647	647	413
07/01/2020	15	647	626	408
07/01/2020	16	647	540	397
07/01/2020	17	550	530	366
07/01/2020	18	460	455	340
07/01/2020	19	536	460	356
07/01/2020	20	580	465	369
07/01/2020	21	647	647	380
07/01/2020	22	647	647	384
07/01/2020	23	585	558	373
07/01/2020	24	577	460	358
07/02/2020	1	647	472	329
07/02/2020	2	647	460	323
07/02/2020	3	550	460	311
07/02/2020	4	520	460	299
07/02/2020	5	479	460	292
07/02/2020	6	460	455	284
07/02/2020	7	600	460	294
07/02/2020	8	647	464	329
07/02/2020	9	647	480	362
07/02/2020	10	647	543	384
07/02/2020	11	647	520	394
07/02/2020	12	647	500	393
07/02/2020	13	647	540	402
07/02/2020	14	647	553	416
07/02/2020	15	647	510	411
07/02/2020	16	647	483	395
07/02/2020	17	606	460	364

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/02/2020	18	460	455	345
07/02/2020	19	580	466	358
07/02/2020	20	647	532	370
07/02/2020	21	647	647	380
07/02/2020	22	647	544	380
07/02/2020	23	580	460	369
07/02/2020	24	520	460	351
07/03/2020	1	580	510	317
07/03/2020	2	560	460	304
07/03/2020	3	510	460	292
07/03/2020	4	471	460	284
07/03/2020	5	460	460	279
07/03/2020	6	460	455	273
07/03/2020	7	600	460	287
07/03/2020	8	600	473	324
07/03/2020	9	621	500	357
07/03/2020	10	647	538	379
07/03/2020	11	647	573	393
07/03/2020	12	633	500	389
07/03/2020	13	629	620	394
07/03/2020	14	647	509	407
07/03/2020	15	647	500	405
07/03/2020	16	580	480	393
07/03/2020	17	606	460	364
07/03/2020	18	460	455	339
07/03/2020	19	580	466	354
07/03/2020	20	590	470	361
07/03/2020	21	647	647	372
07/03/2020	22	647	544	371
07/03/2020	23	580	460	362
07/03/2020	24	520	460	345
07/04/2020	1	622	610	336
07/04/2020	2	615	615	326
07/04/2020	3	600	577	314
07/04/2020	4	597	583	305
07/04/2020	5	524	524	298
07/04/2020	6	520	500	286
07/04/2020	7	480	455	281
07/04/2020	8	455	410	305
07/04/2020	9	484	455	326
07/04/2020	10	516	455	345
07/04/2020	11	552	455	360
07/04/2020	12	554	455	358
07/04/2020	13	549	455	362
07/04/2020	14	620	455	372
07/04/2020	15	559	461	365
07/04/2020	16	583	518	354
07/04/2020	17	557	455	334
07/04/2020	18	500	455	326
07/04/2020	19	550	515	344
07/04/2020	20	647	529	350
07/04/2020	21	647	550	358
07/04/2020	22	647	604	359
07/04/2020	23	575	455	349
07/04/2020	24	540	455	333
07/05/2020	1	580	510	303
07/05/2020	2	560	460	288
07/05/2020	3	510	460	279
07/05/2020	4	471	460	271
07/05/2020	5	460	460	262
07/05/2020	6	460	455	256
07/05/2020	7	500	460	261
07/05/2020	8	533	460	277
07/05/2020	9	540	460	287
07/05/2020	10	550	460	301

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/05/2020	11	580	460	314
07/05/2020	12	540	460	314
07/05/2020	13	590	460	320
07/05/2020	14	580	460	324
07/05/2020	15	550	460	323
07/05/2020	16	500	460	310
07/05/2020	17	474	460	288
07/05/2020	18	460	455	283
07/05/2020	19	550	460	308
07/05/2020	20	578	460	314
07/05/2020	21	647	460	323
07/05/2020	22	647	460	322
07/05/2020	23	550	460	312
07/05/2020	24	500	460	299
07/06/2020	1	590	550	310
07/06/2020	2	582	500	298
07/06/2020	3	540	460	288
07/06/2020	4	527	460	280
07/06/2020	5	460	460	276
07/06/2020	6	460	455	273
07/06/2020	7	500	460	283
07/06/2020	8	533	460	326
07/06/2020	9	540	460	354
07/06/2020	10	550	460	374
07/06/2020	11	564	460	385
07/06/2020	12	520	460	382
07/06/2020	13	580	510	388
07/06/2020	14	647	647	403
07/06/2020	15	647	647	398
07/06/2020	16	580	550	385
07/06/2020	17	480	460	353
07/06/2020	18	460	455	331
07/06/2020	19	550	460	345
07/06/2020	20	578	460	355
07/06/2020	21	647	460	363
07/06/2020	22	647	480	362
07/06/2020	23	550	460	350
07/06/2020	24	510	460	335
07/07/2020	1	580	540	330
07/07/2020	2	550	510	318
07/07/2020	3	540	460	308
07/07/2020	4	520	460	299
07/07/2020	5	460	460	291
07/07/2020	6	460	455	287
07/07/2020	7	500	460	318
07/07/2020	8	533	460	337
07/07/2020	9	540	500	365
07/07/2020	10	550	501	386
07/07/2020	11	621	520	398
07/07/2020	12	616	500	392
07/07/2020	13	613	520	397
07/07/2020	14	647	571	408
07/07/2020	15	647	515	401
07/07/2020	16	563	460	385
07/07/2020	17	480	460	358
07/07/2020	18	460	455	335
07/07/2020	19	550	460	355
07/07/2020	20	578	460	360
07/07/2020	21	647	580	369
07/07/2020	22	647	583	366
07/07/2020	23	621	550	355
07/07/2020	24	525	460	340
07/08/2020	1	590	550	327
07/08/2020	2	560	520	313
07/08/2020	3	530	460	302

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/08/2020	4	520	460	293
07/08/2020	5	480	460	288
07/08/2020	6	460	455	282
07/08/2020	7	520	460	310
07/08/2020	8	533	460	334
07/08/2020	9	647	593	368
07/08/2020	10	647	647	390
07/08/2020	11	647	647	403
07/08/2020	12	647	584	400
07/08/2020	13	580	508	404
07/08/2020	14	647	647	418
07/08/2020	15	647	647	416
07/08/2020	16	647	525	402
07/08/2020	17	580	473	374
07/08/2020	18	500	460	349
07/08/2020	19	550	473	364
07/08/2020	20	580	460	372
07/08/2020	21	647	550	382
07/08/2020	22	647	565	382
07/08/2020	23	647	642	373
07/08/2020	24	580	516	355
07/09/2020	1	580	520	333
07/09/2020	2	540	500	323
07/09/2020	3	540	460	310
07/09/2020	4	510	460	302
07/09/2020	5	500	460	300
07/09/2020	6	460	455	293
07/09/2020	7	460	460	303
07/09/2020	8	530	463	336
07/09/2020	9	589	502	364
07/09/2020	10	647	579	384
07/09/2020	11	647	579	396
07/09/2020	12	647	578	394
07/09/2020	13	580	532	399
07/09/2020	14	647	647	413
07/09/2020	15	647	554	409
07/09/2020	16	606	525	399
07/09/2020	17	580	480	372
07/09/2020	18	475	460	350
07/09/2020	19	569	470	363
07/09/2020	20	580	460	372
07/09/2020	21	592	550	383
07/09/2020	22	594	540	383
07/09/2020	23	647	578	370
07/09/2020	24	580	520	357
07/10/2020	1	613	540	339
07/10/2020	2	540	486	327
07/10/2020	3	540	479	315
07/10/2020	4	510	460	306
07/10/2020	5	500	460	298
07/10/2020	6	460	455	292
07/10/2020	7	460	455	293
07/10/2020	8	530	463	334
07/10/2020	9	550	480	364
07/10/2020	10	555	500	386
07/10/2020	11	647	522	397
07/10/2020	12	647	570	396
07/10/2020	13	605	534	401
07/10/2020	14	647	647	416
07/10/2020	15	647	591	409
07/10/2020	16	613	500	395
07/10/2020	17	580	475	365
07/10/2020	18	460	460	341
07/10/2020	19	569	460	354
07/10/2020	20	580	460	361

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/10/2020	21	592	550	371
07/10/2020	22	594	540	370
07/10/2020	23	647	576	362
07/10/2020	24	555	526	348
07/11/2020	1	533	500	338
07/11/2020	2	460	455	326
07/11/2020	3	460	455	313
07/11/2020	4	525	460	305
07/11/2020	5	460	455	298
07/11/2020	6	460	455	288
07/11/2020	7	455	324	285
07/11/2020	8	455	408	309
07/11/2020	9	460	455	330
07/11/2020	10	460	455	349
07/11/2020	11	518	504	363
07/11/2020	12	580	575	360
07/11/2020	13	541	541	364
07/11/2020	14	545	541	375
07/11/2020	15	541	541	367
07/11/2020	16	490	490	353
07/11/2020	17	520	503	334
07/11/2020	18	596	550	325
07/11/2020	19	580	572	340
07/11/2020	20	541	541	345
07/11/2020	21	590	586	352
07/11/2020	22	541	541	351
07/11/2020	23	520	520	342
07/11/2020	24	494	490	328
07/12/2020	1	618	540	312
07/12/2020	2	520	480	297
07/12/2020	3	540	479	288
07/12/2020	4	510	460	279
07/12/2020	5	500	460	271
07/12/2020	6	460	455	265
07/12/2020	7	460	455	274
07/12/2020	8	500	460	290
07/12/2020	9	520	460	303
07/12/2020	10	556	480	317
07/12/2020	11	562	500	330
07/12/2020	12	580	492	329
07/12/2020	13	647	544	336
07/12/2020	14	647	647	348
07/12/2020	15	647	647	346
07/12/2020	16	580	500	333
07/12/2020	17	540	460	312
07/12/2020	18	460	460	306
07/12/2020	19	580	472	331
07/12/2020	20	590	489	338
07/12/2020	21	647	550	346
07/12/2020	22	647	547	345
07/12/2020	23	580	500	335
07/12/2020	24	555	462	323
07/13/2020	1	630	577	317
07/13/2020	2	550	486	303
07/13/2020	3	520	460	290
07/13/2020	4	510	460	282
07/13/2020	5	500	460	280
07/13/2020	6	510	460	281
07/13/2020	7	510	460	291
07/13/2020	8	500	460	336
07/13/2020	9	520	460	364
07/13/2020	10	647	499	384
07/13/2020	11	647	557	396
07/13/2020	12	590	556	394
07/13/2020	13	647	545	399

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/13/2020	14	647	647	415
07/13/2020	15	647	647	409
07/13/2020	16	647	647	399
07/13/2020	17	540	460	372
07/13/2020	18	460	460	350
07/13/2020	19	580	470	363
07/13/2020	20	590	490	372
07/13/2020	21	647	552	383
07/13/2020	22	647	647	383
07/13/2020	23	647	582	370
07/13/2020	24	570	475	357
07/14/2020	1	550	470	299
07/14/2020	2	520	460	288
07/14/2020	3	500	460	279
07/14/2020	4	470	460	270
07/14/2020	5	460	455	267
07/14/2020	6	460	455	263
07/14/2020	7	480	460	275
07/14/2020	8	500	460	309
07/14/2020	9	520	460	334
07/14/2020	10	560	460	353
07/14/2020	11	647	485	364
07/14/2020	12	590	467	360
07/14/2020	13	647	462	363
07/14/2020	14	647	548	375
07/14/2020	15	647	558	371
07/14/2020	16	550	460	357
07/14/2020	17	480	460	333
07/14/2020	18	460	455	310
07/14/2020	19	460	455	328
07/14/2020	20	466	460	335
07/14/2020	21	525	460	344
07/14/2020	22	600	460	343
07/14/2020	23	600	460	333
07/14/2020	24	548	460	319
07/15/2020	1	647	592	322
07/15/2020	2	580	561	310
07/15/2020	3	550	480	298
07/15/2020	4	500	460	289
07/15/2020	5	480	460	284
07/15/2020	6	460	460	276
07/15/2020	7	480	460	280
07/15/2020	8	550	460	317
07/15/2020	9	580	500	347
07/15/2020	10	647	551	367
07/15/2020	11	647	560	376
07/15/2020	12	590	460	370
07/15/2020	13	560	460	365
07/15/2020	14	647	508	383
07/15/2020	15	647	494	377
07/15/2020	16	550	460	364
07/15/2020	17	480	460	337
07/15/2020	18	460	455	319
07/15/2020	19	460	455	333
07/15/2020	20	480	460	339
07/15/2020	21	525	460	347
07/15/2020	22	600	460	348
07/15/2020	23	600	460	338
07/15/2020	24	548	460	325
07/16/2020	1	620	562	330
07/16/2020	2	600	544	322
07/16/2020	3	550	521	311
07/16/2020	4	500	462	300
07/16/2020	5	500	455	298
07/16/2020	6	460	455	291

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/16/2020	7	480	455	303
07/16/2020	8	550	550	337
07/16/2020	9	647	560	365
07/16/2020	10	647	580	385
07/16/2020	11	647	613	396
07/16/2020	12	647	647	395
07/16/2020	13	647	647	401
07/16/2020	14	647	647	416
07/16/2020	15	647	647	412
07/16/2020	16	647	636	402
07/16/2020	17	580	550	369
07/16/2020	18	500	460	348
07/16/2020	19	536	460	359
07/16/2020	20	580	500	367
07/16/2020	21	647	597	379
07/16/2020	22	647	603	379
07/16/2020	23	647	625	366
07/16/2020	24	580	550	354
07/17/2020	1	630	572	325
07/17/2020	2	580	520	311
07/17/2020	3	563	520	301
07/17/2020	4	500	462	288
07/17/2020	5	500	455	285
07/17/2020	6	460	455	280
07/17/2020	7	480	455	293
07/17/2020	8	574	550	328
07/17/2020	9	647	560	359
07/17/2020	10	647	647	379
07/17/2020	11	647	647	392
07/17/2020	12	647	597	388
07/17/2020	13	647	627	397
07/17/2020	14	647	647	409
07/17/2020	15	647	601	404
07/17/2020	16	647	560	387
07/17/2020	17	580	550	353
07/17/2020	18	500	460	333
07/17/2020	19	517	460	343
07/17/2020	20	534	500	348
07/17/2020	21	647	647	362
07/17/2020	22	647	574	362
07/17/2020	23	647	600	350
07/17/2020	24	627	580	339
07/18/2020	1	647	640	333
07/18/2020	2	524	522	321
07/18/2020	3	564	460	310
07/18/2020	4	522	460	303
07/18/2020	5	481	460	298
07/18/2020	6	460	455	287
07/18/2020	7	455	420	288
07/18/2020	8	475	455	308
07/18/2020	9	455	420	329
07/18/2020	10	524	513	352
07/18/2020	11	564	555	361
07/18/2020	12	647	580	360
07/18/2020	13	561	551	364
07/18/2020	14	647	647	373
07/18/2020	15	647	647	365
07/18/2020	16	642	569	345
07/18/2020	17	526	525	328
07/18/2020	18	511	500	322
07/18/2020	19	645	561	338
07/18/2020	20	647	542	338
07/18/2020	21	647	580	345
07/18/2020	22	647	625	344
07/18/2020	23	647	631	335

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/18/2020	24	624	552	320
07/19/2020	1	601	540	312
07/19/2020	2	580	500	298
07/19/2020	3	563	460	288
07/19/2020	4	500	460	280
07/19/2020	5	500	460	271
07/19/2020	6	460	460	265
07/19/2020	7	480	460	270
07/19/2020	8	500	474	284
07/19/2020	9	536	480	294
07/19/2020	10	580	500	308
07/19/2020	11	590	510	321
07/19/2020	12	550	480	321
07/19/2020	13	560	490	327
07/19/2020	14	647	564	339
07/19/2020	15	647	554	338
07/19/2020	16	550	500	325
07/19/2020	17	500	463	303
07/19/2020	18	490	460	297
07/19/2020	19	508	460	323
07/19/2020	20	580	491	329
07/19/2020	21	647	503	338
07/19/2020	22	647	557	337
07/19/2020	23	590	510	327
07/19/2020	24	580	500	314
07/20/2020	1	647	580	313
07/20/2020	2	620	550	299
07/20/2020	3	560	480	286
07/20/2020	4	500	460	278
07/20/2020	5	500	460	276
07/20/2020	6	460	460	277
07/20/2020	7	550	460	285
07/20/2020	8	647	550	328
07/20/2020	9	647	580	355
07/20/2020	10	647	588	375
07/20/2020	11	647	647	387
07/20/2020	12	647	647	386
07/20/2020	13	647	624	391
07/20/2020	14	647	647	407
07/20/2020	15	647	647	401
07/20/2020	16	647	647	390
07/20/2020	17	580	550	364
07/20/2020	18	480	460	342
07/20/2020	19	520	460	354
07/20/2020	20	570	460	363
07/20/2020	21	647	647	374
07/20/2020	22	647	647	374
07/20/2020	23	647	647	362
07/20/2020	24	647	610	349
07/21/2020	1	647	590	322
07/21/2020	2	620	550	310
07/21/2020	3	570	500	301
07/21/2020	4	520	460	292
07/21/2020	5	500	460	289
07/21/2020	6	460	460	283
07/21/2020	7	500	460	297
07/21/2020	8	647	550	333
07/21/2020	9	647	647	362
07/21/2020	10	647	647	383
07/21/2020	11	647	647	394
07/21/2020	12	647	601	390
07/21/2020	13	647	647	396
07/21/2020	14	647	647	408
07/21/2020	15	647	647	402
07/21/2020	16	647	633	389

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/21/2020	17	647	604	358
07/21/2020	18	580	550	335
07/21/2020	19	647	647	352
07/21/2020	20	647	647	358
07/21/2020	21	647	630	366
07/21/2020	22	647	647	364
07/21/2020	23	647	647	352
07/21/2020	24	647	647	339
07/22/2020	1	647	647	324
07/22/2020	2	647	647	312
07/22/2020	3	647	647	301
07/22/2020	4	647	647	293
07/22/2020	5	647	538	289
07/22/2020	6	580	547	282
07/22/2020	7	647	647	307
07/22/2020	8	616	550	332
07/22/2020	9	647	638	364
07/22/2020	10	647	647	387
07/22/2020	11	647	647	398
07/22/2020	12	647	647	396
07/22/2020	13	647	647	400
07/22/2020	14	647	647	412
07/22/2020	15	647	647	406
07/22/2020	16	647	608	387
07/22/2020	17	647	550	356
07/22/2020	18	580	500	337
07/22/2020	19	647	647	351
07/22/2020	20	647	580	357
07/22/2020	21	647	583	364
07/22/2020	22	647	559	361
07/22/2020	23	647	527	348
07/22/2020	24	620	520	336
07/23/2020	1	588	513	309
07/23/2020	2	566	460	298
07/23/2020	3	540	460	288
07/23/2020	4	520	460	281
07/23/2020	5	500	460	277
07/23/2020	6	460	455	273
07/23/2020	7	500	460	285
07/23/2020	8	596	500	319
07/23/2020	9	647	548	347
07/23/2020	10	647	548	368
07/23/2020	11	647	548	381
07/23/2020	12	647	548	377
07/23/2020	13	647	548	384
07/23/2020	14	647	548	395
07/23/2020	15	647	647	391
07/23/2020	16	647	608	376
07/23/2020	17	619	550	343
07/23/2020	18	500	460	323
07/23/2020	19	510	460	332
07/23/2020	20	530	460	338
07/23/2020	21	530	460	351
07/23/2020	22	592	460	351
07/23/2020	23	580	460	340
07/23/2020	24	570	460	328
07/24/2020	1	647	647	336
07/24/2020	2	647	647	326
07/24/2020	3	647	627	314
07/24/2020	4	647	621	304
07/24/2020	5	580	535	298
07/24/2020	6	520	460	292
07/24/2020	7	550	462	304
07/24/2020	8	647	511	335
07/24/2020	9	647	647	364

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/24/2020	10	647	647	384
07/24/2020	11	647	647	397
07/24/2020	12	647	647	392
07/24/2020	13	647	647	395
07/24/2020	14	647	647	407
07/24/2020	15	647	647	399
07/24/2020	16	647	541	385
07/24/2020	17	574	550	357
07/24/2020	18	500	460	338
07/24/2020	19	580	460	351
07/24/2020	20	550	524	356
07/24/2020	21	647	460	365
07/24/2020	22	647	460	365
07/24/2020	23	647	460	355
07/24/2020	24	647	460	341
07/25/2020	1	647	460	328
07/25/2020	2	647	460	321
07/25/2020	3	647	460	308
07/25/2020	4	647	460	297
07/25/2020	5	647	460	291
07/25/2020	6	489	460	282
07/25/2020	7	460	440	282
07/25/2020	8	500	460	309
07/25/2020	9	500	460	331
07/25/2020	10	630	460	348
07/25/2020	11	647	460	360
07/25/2020	12	647	460	358
07/25/2020	13	647	460	363
07/25/2020	14	647	460	373
07/25/2020	15	647	460	371
07/25/2020	16	647	460	360
07/25/2020	17	556	460	339
07/25/2020	18	578	460	326
07/25/2020	19	647	460	340
07/25/2020	20	647	460	347
07/25/2020	21	647	460	355
07/25/2020	22	647	460	356
07/25/2020	23	647	460	349
07/25/2020	24	647	460	331
07/26/2020	1	647	460	316
07/26/2020	2	647	460	302
07/26/2020	3	647	460	292
07/26/2020	4	520	465	284
07/26/2020	5	500	460	275
07/26/2020	6	480	460	269
07/26/2020	7	500	460	274
07/26/2020	8	520	460	288
07/26/2020	9	550	460	298
07/26/2020	10	560	460	312
07/26/2020	11	580	500	325
07/26/2020	12	550	490	324
07/26/2020	13	580	502	331
07/26/2020	14	647	647	343
07/26/2020	15	647	647	341
07/26/2020	16	590	541	328
07/26/2020	17	500	460	307
07/26/2020	18	500	460	301
07/26/2020	19	647	484	326
07/26/2020	20	647	523	333
07/26/2020	21	647	647	341
07/26/2020	22	647	628	340
07/26/2020	23	580	578	330
07/26/2020	24	540	467	318
07/27/2020	1	580	550	310
07/27/2020	2	560	510	298

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/27/2020	3	500	480	288
07/27/2020	4	480	460	280
07/27/2020	5	470	460	276
07/27/2020	6	460	460	274
07/27/2020	7	480	460	283
07/27/2020	8	520	460	326
07/27/2020	9	647	462	354
07/27/2020	10	647	552	374
07/27/2020	11	647	619	385
07/27/2020	12	647	616	382
07/27/2020	13	647	600	388
07/27/2020	14	647	647	403
07/27/2020	15	647	647	398
07/27/2020	16	647	647	385
07/27/2020	17	590	573	353
07/27/2020	18	500	460	331
07/27/2020	19	550	460	345
07/27/2020	20	580	475	355
07/27/2020	21	647	584	363
07/27/2020	22	647	647	362
07/27/2020	23	647	647	350
07/27/2020	24	647	647	336
07/28/2020	1	647	580	322
07/28/2020	2	580	550	310
07/28/2020	3	550	500	301
07/28/2020	4	498	460	294
07/28/2020	5	470	460	293
07/28/2020	6	460	460	289
07/28/2020	7	480	460	297
07/28/2020	8	520	460	337
07/28/2020	9	647	580	367
07/28/2020	10	647	647	387
07/28/2020	11	647	647	398
07/28/2020	12	647	647	393
07/28/2020	13	647	647	398
07/28/2020	14	647	647	412
07/28/2020	15	647	647	407
07/28/2020	16	647	647	394
07/28/2020	17	590	542	368
07/28/2020	18	500	460	347
07/28/2020	19	550	479	361
07/28/2020	20	580	480	364
07/28/2020	21	647	639	368
07/28/2020	22	647	544	360
07/28/2020	23	647	500	346
07/28/2020	24	647	480	335
07/29/2020	1	647	575	313
07/29/2020	2	593	550	302
07/29/2020	3	550	500	291
07/29/2020	4	498	460	284
07/29/2020	5	470	460	278
07/29/2020	6	460	460	272
07/29/2020	7	550	460	284
07/29/2020	8	580	460	320
07/29/2020	9	590	482	349
07/29/2020	10	600	492	371
07/29/2020	11	647	604	384
07/29/2020	12	580	562	380
07/29/2020	13	647	600	386
07/29/2020	14	647	647	399
07/29/2020	15	647	647	396
07/29/2020	16	647	601	380
07/29/2020	17	550	500	352
07/29/2020	18	500	460	331
07/29/2020	19	618	479	342

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/29/2020	20	647	540	350
07/29/2020	21	647	604	359
07/29/2020	22	647	585	358
07/29/2020	23	647	647	349
07/29/2020	24	647	460	329
07/30/2020	1	580	550	299
07/30/2020	2	550	500	288
07/30/2020	3	520	480	277
07/30/2020	4	498	460	272
07/30/2020	5	470	460	269
07/30/2020	6	460	460	264
07/30/2020	7	550	460	275
07/30/2020	8	580	460	308
07/30/2020	9	590	482	336
07/30/2020	10	600	492	357
07/30/2020	11	647	625	369
07/30/2020	12	617	562	366
07/30/2020	13	647	579	373
07/30/2020	14	647	647	395
07/30/2020	15	647	647	390
07/30/2020	16	647	611	382
07/30/2020	17	500	460	335
07/30/2020	18	460	459	315
07/30/2020	19	500	460	324
07/30/2020	20	510	460	330
07/30/2020	21	520	460	342
07/30/2020	22	520	474	343
07/30/2020	23	530	460	331
07/30/2020	24	500	460	321
07/31/2020	1	498	490	308
07/31/2020	2	478	473	304
07/31/2020	3	440	432	295
07/31/2020	4	440	420	286
07/31/2020	5	440	420	279
07/31/2020	6	440	420	272
07/31/2020	7	440	420	274
07/31/2020	8	456	440	288
07/31/2020	9	529	451	301
07/31/2020	10	530	468	315
07/31/2020	11	557	490	317
07/31/2020	12	568	473	317
07/31/2020	13	540	462	316
07/31/2020	14	570	464	321
07/31/2020	15	550	457	316
07/31/2020	16	540	477	309
07/31/2020	17	535	460	300
07/31/2020	18	458	440	296
07/31/2020	19	578	541	310
07/31/2020	20	598	598	315
07/31/2020	21	611	611	319
07/31/2020	22	623	547	318
07/31/2020	23	581	483	311
07/31/2020	24	479	472	300
08/01/2020	1	512	483	308
08/01/2020	2	473	440	298
08/01/2020	3	440	420	287
08/01/2020	4	440	420	279
08/01/2020	5	440	420	274
08/01/2020	6	440	420	264
08/01/2020	7	440	420	266
08/01/2020	8	456	440	287
08/01/2020	9	573	528	296
08/01/2020	10	553	540	321
08/01/2020	11	647	647	321
08/01/2020	12	647	647	332

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/01/2020	13	647	647	337
08/01/2020	14	647	647	347
08/01/2020	15	647	647	343
08/01/2020	16	647	647	328
08/01/2020	17	541	541	310
08/01/2020	18	500	450	287
08/01/2020	19	600	530	314
08/01/2020	20	607	550	318
08/01/2020	21	647	647	323
08/01/2020	22	646	567	323
08/01/2020	23	601	500	315
08/01/2020	24	500	493	303
08/02/2020	1	586	550	299
08/02/2020	2	550	490	284
08/02/2020	3	520	460	275
08/02/2020	4	480	460	267
08/02/2020	5	470	460	258
08/02/2020	6	460	460	252
08/02/2020	7	480	460	257
08/02/2020	8	500	460	273
08/02/2020	9	550	460	291
08/02/2020	10	570	460	305
08/02/2020	11	580	480	318
08/02/2020	12	566	470	317
08/02/2020	13	580	540	324
08/02/2020	14	626	570	328
08/02/2020	15	580	550	326
08/02/2020	16	560	500	313
08/02/2020	17	500	460	292
08/02/2020	18	460	459	286
08/02/2020	19	500	460	311
08/02/2020	20	536	460	318
08/02/2020	21	580	460	326
08/02/2020	22	570	460	325
08/02/2020	23	530	460	315
08/02/2020	24	500	460	303
08/03/2020	1	580	526	299
08/03/2020	2	550	476	288
08/03/2020	3	520	460	277
08/03/2020	4	480	460	272
08/03/2020	5	470	460	269
08/03/2020	6	460	460	268
08/03/2020	7	480	460	279
08/03/2020	8	500	460	312
08/03/2020	9	550	500	348
08/03/2020	10	580	521	368
08/03/2020	11	647	647	381
08/03/2020	12	647	563	378
08/03/2020	13	584	550	384
08/03/2020	14	647	647	406
08/03/2020	15	647	647	402
08/03/2020	16	647	647	393
08/03/2020	17	550	500	346
08/03/2020	18	520	460	327
08/03/2020	19	530	460	336
08/03/2020	20	530	460	341
08/03/2020	21	580	550	354
08/03/2020	22	647	647	354
08/03/2020	23	647	550	343
08/03/2020	24	647	520	332
08/04/2020	1	590	500	305
08/04/2020	2	560	480	295
08/04/2020	3	540	460	286
08/04/2020	4	520	460	278
08/04/2020	5	500	460	275

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/04/2020	6	460	452	271
08/04/2020	7	500	460	285
08/04/2020	8	647	578	316
08/04/2020	9	647	580	342
08/04/2020	10	647	616	361
08/04/2020	11	647	647	375
08/04/2020	12	647	583	370
08/04/2020	13	647	585	373
08/04/2020	14	647	647	384
08/04/2020	15	647	587	379
08/04/2020	16	647	548	367
08/04/2020	17	619	520	343
08/04/2020	18	500	460	326
08/04/2020	19	647	466	335
08/04/2020	20	580	460	337
08/04/2020	21	590	460	339
08/04/2020	22	580	460	330
08/04/2020	23	580	460	317
08/04/2020	24	570	460	303
08/05/2020	1	590	500	307
08/05/2020	2	560	480	296
08/05/2020	3	540	460	286
08/05/2020	4	520	460	278
08/05/2020	5	500	460	275
08/05/2020	6	460	452	269
08/05/2020	7	500	460	281
08/05/2020	8	647	578	314
08/05/2020	9	647	580	343
08/05/2020	10	647	613	363
08/05/2020	11	647	621	376
08/05/2020	12	647	536	373
08/05/2020	13	647	566	378
08/05/2020	14	647	647	392
08/05/2020	15	647	647	388
08/05/2020	16	647	548	375
08/05/2020	17	580	505	349
08/05/2020	18	500	460	329
08/05/2020	19	580	460	342
08/05/2020	20	570	460	349
08/05/2020	21	647	460	355
08/05/2020	22	647	647	355
08/05/2020	23	647	647	344
08/05/2020	24	647	555	332
08/06/2020	1	600	530	309
08/06/2020	2	561	480	297
08/06/2020	3	550	460	291
08/06/2020	4	520	460	280
08/06/2020	5	500	460	278
08/06/2020	6	460	452	273
08/06/2020	7	500	460	284
08/06/2020	8	647	578	316
08/06/2020	9	647	585	345
08/06/2020	10	647	590	364
08/06/2020	11	647	590	376
08/06/2020	12	647	508	373
08/06/2020	13	580	514	372
08/06/2020	14	647	603	385
08/06/2020	15	647	603	383
08/06/2020	16	647	550	371
08/06/2020	17	580	500	345
08/06/2020	18	500	460	327
08/06/2020	19	580	460	343
08/06/2020	20	570	460	348
08/06/2020	21	647	555	354
08/06/2020	22	647	607	349

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/06/2020	23	647	607	332
08/06/2020	24	620	542	320
08/07/2020	1	647	647	310
08/07/2020	2	647	647	301
08/07/2020	3	647	647	290
08/07/2020	4	580	550	279
08/07/2020	5	647	647	287
08/07/2020	6	647	647	292
08/07/2020	7	647	647	302
08/07/2020	8	647	647	342
08/07/2020	9	647	647	369
08/07/2020	10	647	647	387
08/07/2020	11	647	647	394
08/07/2020	12	647	647	387
08/07/2020	13	647	616	382
08/07/2020	14	647	626	389
08/07/2020	15	647	565	385
08/07/2020	16	647	540	382
08/07/2020	17	647	647	371
08/07/2020	18	647	647	367
08/07/2020	19	647	647	378
08/07/2020	20	647	647	372
08/07/2020	21	647	647	363
08/07/2020	22	647	647	351
08/07/2020	23	595	580	328
08/07/2020	24	560	500	313
08/08/2020	1	460	440	298
08/08/2020	2	460	440	288
08/08/2020	3	440	420	277
08/08/2020	4	440	391	270
08/08/2020	5	440	352	267
08/08/2020	6	440	360	262
08/08/2020	7	440	352	278
08/08/2020	8	460	440	289
08/08/2020	9	460	440	310
08/08/2020	10	479	460	329
08/08/2020	11	555	517	340
08/08/2020	12	545	521	338
08/08/2020	13	494	481	335
08/08/2020	14	491	467	341
08/08/2020	15	460	440	337
08/08/2020	16	464	460	325
08/08/2020	17	460	440	311
08/08/2020	18	460	440	305
08/08/2020	19	467	440	313
08/08/2020	20	473	455	313
08/08/2020	21	566	481	316
08/08/2020	22	473	468	311
08/08/2020	23	460	440	302
08/08/2020	24	460	440	291
08/09/2020	1	580	530	291
08/09/2020	2	560	500	280
08/09/2020	3	550	490	267
08/09/2020	4	540	480	259
08/09/2020	5	550	460	250
08/09/2020	6	500	460	244
08/09/2020	7	510	460	249
08/09/2020	8	541	460	257
08/09/2020	9	542	460	264
08/09/2020	10	570	528	278
08/09/2020	11	647	561	291
08/09/2020	12	580	460	291
08/09/2020	13	568	460	297
08/09/2020	14	647	493	301
08/09/2020	15	647	546	300

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/09/2020	16	570	460	287
08/09/2020	17	513	460	265
08/09/2020	18	512	460	259
08/09/2020	19	580	460	285
08/09/2020	20	590	498	291
08/09/2020	21	590	480	300
08/09/2020	22	580	490	299
08/09/2020	23	560	480	289
08/09/2020	24	500	460	280
08/10/2020	1	580	530	291
08/10/2020	2	560	505	280
08/10/2020	3	550	472	269
08/10/2020	4	540	460	264
08/10/2020	5	550	460	261
08/10/2020	6	500	460	260
08/10/2020	7	510	460	271
08/10/2020	8	540	460	312
08/10/2020	9	550	500	334
08/10/2020	10	570	522	354
08/10/2020	11	647	536	366
08/10/2020	12	647	550	358
08/10/2020	13	647	647	363
08/10/2020	14	647	647	375
08/10/2020	15	647	647	369
08/10/2020	16	647	580	357
08/10/2020	17	580	550	334
08/10/2020	18	512	460	319
08/10/2020	19	580	460	335
08/10/2020	20	590	498	339
08/10/2020	21	647	573	346
08/10/2020	22	647	647	343
08/10/2020	23	647	570	329
08/10/2020	24	580	531	319
08/11/2020	1	602	550	297
08/11/2020	2	573	500	287
08/11/2020	3	562	490	278
08/11/2020	4	531	460	271
08/11/2020	5	513	460	268
08/11/2020	6	483	460	265
08/11/2020	7	550	460	274
08/11/2020	8	550	460	300
08/11/2020	9	560	500	324
08/11/2020	10	580	554	344
08/11/2020	11	647	510	357
08/11/2020	12	647	510	354
08/11/2020	13	610	542	356
08/11/2020	14	647	647	370
08/11/2020	15	647	647	368
08/11/2020	16	580	550	351
08/11/2020	17	560	520	327
08/11/2020	18	480	460	309
08/11/2020	19	500	460	321
08/11/2020	20	550	460	325
08/11/2020	21	580	462	329
08/11/2020	22	647	534	322
08/11/2020	23	580	500	309
08/11/2020	24	562	500	308
08/12/2020	1	647	580	308
08/12/2020	2	600	550	297
08/12/2020	3	580	520	287
08/12/2020	4	550	500	279
08/12/2020	5	540	480	276
08/12/2020	6	520	460	271
08/12/2020	7	570	460	282
08/12/2020	8	600	528	313

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/12/2020	9	647	545	343
08/12/2020	10	647	647	363
08/12/2020	11	647	647	373
08/12/2020	12	627	582	368
08/12/2020	13	647	647	375
08/12/2020	14	647	647	386
08/12/2020	15	647	647	380
08/12/2020	16	647	602	365
08/12/2020	17	560	520	338
08/12/2020	18	480	460	320
08/12/2020	19	500	460	334
08/12/2020	20	550	460	339
08/12/2020	21	631	462	346
08/12/2020	22	647	647	344
08/12/2020	23	627	500	331
08/12/2020	24	562	500	320
08/13/2020	1	647	580	303
08/13/2020	2	590	550	291
08/13/2020	3	580	510	282
08/13/2020	4	550	490	275
08/13/2020	5	540	470	271
08/13/2020	6	520	460	269
08/13/2020	7	470	460	269
08/13/2020	8	600	528	307
08/13/2020	9	633	530	333
08/13/2020	10	647	530	353
08/13/2020	11	647	539	364
08/13/2020	12	580	510	354
08/13/2020	13	590	547	355
08/13/2020	14	647	600	360
08/13/2020	15	587	550	351
08/13/2020	16	563	460	339
08/13/2020	17	550	460	323
08/13/2020	18	470	460	312
08/13/2020	19	500	460	323
08/13/2020	20	580	460	325
08/13/2020	21	630	460	329
08/13/2020	22	604	460	323
08/13/2020	23	573	460	313
08/13/2020	24	550	460	302
08/14/2020	1	627	580	303
08/14/2020	2	588	540	292
08/14/2020	3	580	510	286
08/14/2020	4	550	460	277
08/14/2020	5	540	460	276
08/14/2020	6	520	460	274
08/14/2020	7	460	450	271
08/14/2020	8	610	528	313
08/14/2020	9	647	569	341
08/14/2020	10	647	580	361
08/14/2020	11	647	539	363
08/14/2020	12	647	521	360
08/14/2020	13	647	550	357
08/14/2020	14	647	584	370
08/14/2020	15	647	550	360
08/14/2020	16	580	480	348
08/14/2020	17	570	460	329
08/14/2020	18	550	460	317
08/14/2020	19	580	460	338
08/14/2020	20	590	569	332
08/14/2020	21	647	570	335
08/14/2020	22	647	550	331
08/14/2020	23	590	500	320
08/14/2020	24	580	500	309
08/15/2020	1	627	580	305

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/15/2020	2	588	561	296
08/15/2020	3	531	510	285
08/15/2020	4	550	460	278
08/15/2020	5	540	478	274
08/15/2020	6	520	460	269
08/15/2020	7	450	420	273
08/15/2020	8	610	503	297
08/15/2020	9	600	503	319
08/15/2020	10	647	550	338
08/15/2020	11	647	606	350
08/15/2020	12	604	521	348
08/15/2020	13	550	506	344
08/15/2020	14	647	594	350
08/15/2020	15	569	525	346
08/15/2020	16	500	480	334
08/15/2020	17	570	449	320
08/15/2020	18	550	420	313
08/15/2020	19	580	475	321
08/15/2020	20	590	569	322
08/15/2020	21	647	570	324
08/15/2020	22	630	567	319
08/15/2020	23	600	534	310
08/15/2020	24	580	500	299
08/16/2020	1	590	520	291
08/16/2020	2	560	520	280
08/16/2020	3	550	500	275
08/16/2020	4	520	460	267
08/16/2020	5	540	460	258
08/16/2020	6	460	450	252
08/16/2020	7	460	450	257
08/16/2020	8	530	460	261
08/16/2020	9	550	460	263
08/16/2020	10	560	460	277
08/16/2020	11	584	500	286
08/16/2020	12	540	460	285
08/16/2020	13	550	495	292
08/16/2020	14	600	562	296
08/16/2020	15	570	550	294
08/16/2020	16	550	460	281
08/16/2020	17	460	450	260
08/16/2020	18	460	420	254
08/16/2020	19	550	460	279
08/16/2020	20	580	460	286
08/16/2020	21	580	550	294
08/16/2020	22	574	550	293
08/16/2020	23	521	500	287
08/16/2020	24	500	468	281
08/17/2020	1	570	520	279
08/17/2020	2	560	510	268
08/17/2020	3	550	460	261
08/17/2020	4	520	460	260
08/17/2020	5	540	460	257
08/17/2020	6	460	450	256
08/17/2020	7	460	450	267
08/17/2020	8	530	460	308
08/17/2020	9	550	460	326
08/17/2020	10	573	500	345
08/17/2020	11	647	550	348
08/17/2020	12	540	460	345
08/17/2020	13	550	495	342
08/17/2020	14	647	570	355
08/17/2020	15	570	550	345
08/17/2020	16	550	460	333
08/17/2020	17	460	450	314
08/17/2020	18	460	420	302

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/17/2020	19	550	460	323
08/17/2020	20	580	460	317
08/17/2020	21	580	550	320
08/17/2020	22	574	550	316
08/17/2020	23	521	500	305
08/17/2020	24	500	468	294
08/18/2020	1	647	580	307
08/18/2020	2	590	550	293
08/18/2020	3	570	500	285
08/18/2020	4	520	460	279
08/18/2020	5	510	460	279
08/18/2020	6	520	460	280
08/18/2020	7	540	460	291
08/18/2020	8	571	500	323
08/18/2020	9	600	590	349
08/18/2020	10	610	600	369
08/18/2020	11	647	647	379
08/18/2020	12	580	550	373
08/18/2020	13	550	502	373
08/18/2020	14	647	630	381
08/18/2020	15	629	550	376
08/18/2020	16	580	515	368
08/18/2020	17	539	460	350
08/18/2020	18	500	460	338
08/18/2020	19	550	460	349
08/18/2020	20	560	460	349
08/18/2020	21	550	460	349
08/18/2020	22	548	460	341
08/18/2020	23	550	460	325
08/18/2020	24	500	460	312
08/19/2020	1	620	575	303
08/19/2020	2	600	550	293
08/19/2020	3	570	500	284
08/19/2020	4	520	460	277
08/19/2020	5	510	460	275
08/19/2020	6	520	460	270
08/19/2020	7	540	460	292
08/19/2020	8	600	547	321
08/19/2020	9	647	590	350
08/19/2020	10	647	647	369
08/19/2020	11	647	647	378
08/19/2020	12	647	581	375
08/19/2020	13	647	647	378
08/19/2020	14	647	647	389
08/19/2020	15	647	647	383
08/19/2020	16	622	550	370
08/19/2020	17	550	460	341
08/19/2020	18	470	460	326
08/19/2020	19	481	460	342
08/19/2020	20	560	460	346
08/19/2020	21	647	647	353
08/19/2020	22	647	647	350
08/19/2020	23	647	550	337
08/19/2020	24	647	550	326
08/20/2020	1	590	571	300
08/20/2020	2	580	550	287
08/20/2020	3	570	500	279
08/20/2020	4	520	460	274
08/20/2020	5	509	460	273
08/20/2020	6	520	460	274
08/20/2020	7	540	460	286
08/20/2020	8	592	500	322
08/20/2020	9	600	520	341
08/20/2020	10	610	516	362
08/20/2020	11	647	544	374

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/20/2020	12	580	480	369
08/20/2020	13	580	514	372
08/20/2020	14	647	590	381
08/20/2020	15	647	577	376
08/20/2020	16	580	520	365
08/20/2020	17	539	460	344
08/20/2020	18	460	460	330
08/20/2020	19	522	460	342
08/20/2020	20	560	460	344
08/20/2020	21	550	460	345
08/20/2020	22	647	647	334
08/20/2020	23	647	647	321
08/20/2020	24	647	647	311
08/21/2020	1	647	578	294
08/21/2020	2	647	569	287
08/21/2020	3	570	529	279
08/21/2020	4	520	505	274
08/21/2020	5	509	460	271
08/21/2020	6	520	460	268
08/21/2020	7	460	445	273
08/21/2020	8	516	500	291
08/21/2020	9	528	520	314
08/21/2020	10	550	460	331
08/21/2020	11	647	578	344
08/21/2020	12	577	480	339
08/21/2020	13	530	486	339
08/21/2020	14	647	584	349
08/21/2020	15	647	567	346
08/21/2020	16	580	530	337
08/21/2020	17	460	420	320
08/21/2020	18	460	420	315
08/21/2020	19	500	460	326
08/21/2020	20	460	450	323
08/21/2020	21	550	460	325
08/21/2020	22	647	501	319
08/21/2020	23	647	509	310
08/21/2020	24	647	525	299
08/22/2020	1	527	520	296
08/22/2020	2	495	460	288
08/22/2020	3	495	460	278
08/22/2020	4	495	460	273
08/22/2020	5	460	455	267
08/22/2020	6	463	460	259
08/22/2020	7	489	460	271
08/22/2020	8	504	460	290
08/22/2020	9	506	463	306
08/22/2020	10	576	565	324
08/22/2020	11	562	562	330
08/22/2020	12	525	506	331
08/22/2020	13	523	503	329
08/22/2020	14	631	616	342
08/22/2020	15	571	543	335
08/22/2020	16	519	519	317
08/22/2020	17	480	468	304
08/22/2020	18	499	499	307
08/22/2020	19	616	616	327
08/22/2020	20	600	598	325
08/22/2020	21	642	642	326
08/22/2020	22	636	636	323
08/22/2020	23	561	547	307
08/22/2020	24	628	551	298
08/23/2020	1	590	571	295
08/23/2020	2	580	561	284
08/23/2020	3	520	500	271
08/23/2020	4	500	460	263

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/23/2020	5	509	460	254
08/23/2020	6	520	460	248
08/23/2020	7	540	460	253
08/23/2020	8	580	460	261
08/23/2020	9	590	500	274
08/23/2020	10	610	510	288
08/23/2020	11	647	550	301
08/23/2020	12	581	480	301
08/23/2020	13	580	520	307
08/23/2020	14	647	587	311
08/23/2020	15	647	579	310
08/23/2020	16	580	561	297
08/23/2020	17	539	460	275
08/23/2020	18	460	460	269
08/23/2020	19	580	460	295
08/23/2020	20	647	460	301
08/23/2020	21	647	647	310
08/23/2020	22	647	576	308
08/23/2020	23	647	539	299
08/23/2020	24	647	500	290
08/24/2020	1	590	530	283
08/24/2020	2	580	527	272
08/24/2020	3	520	500	265
08/24/2020	4	500	466	264
08/24/2020	5	509	460	261
08/24/2020	6	520	460	260
08/24/2020	7	540	460	271
08/24/2020	8	580	460	308
08/24/2020	9	590	500	334
08/24/2020	10	610	510	351
08/24/2020	11	647	550	363
08/24/2020	12	581	480	357
08/24/2020	13	580	520	367
08/24/2020	14	647	590	376
08/24/2020	15	647	579	368
08/24/2020	16	580	561	353
08/24/2020	17	539	460	333
08/24/2020	18	460	460	321
08/24/2020	19	552	460	328
08/24/2020	20	560	460	328
08/24/2020	21	580	550	330
08/24/2020	22	560	520	324
08/24/2020	23	540	500	311
08/24/2020	24	520	480	301
08/25/2020	1	647	647	321
08/25/2020	2	610	590	308
08/25/2020	3	580	550	298
08/25/2020	4	520	480	292
08/25/2020	5	510	490	292
08/25/2020	6	510	480	291
08/25/2020	7	540	460	298
08/25/2020	8	580	460	335
08/25/2020	9	647	647	364
08/25/2020	10	647	647	385
08/25/2020	11	647	647	395
08/25/2020	12	647	595	390
08/25/2020	13	647	600	390
08/25/2020	14	647	647	397
08/25/2020	15	647	622	389
08/25/2020	16	647	580	376
08/25/2020	17	647	576	356
08/25/2020	18	647	522	345
08/25/2020	19	647	617	358
08/25/2020	20	647	616	361
08/25/2020	21	647	592	364

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/25/2020	22	647	647	359
08/25/2020	23	647	647	346
08/25/2020	24	647	564	333
08/26/2020	1	647	460	322
08/26/2020	2	647	460	311
08/26/2020	3	647	460	305
08/26/2020	4	647	460	297
08/26/2020	5	647	460	298
08/26/2020	6	647	460	298
08/26/2020	7	647	460	304
08/26/2020	8	647	460	338
08/26/2020	9	647	460	364
08/26/2020	10	647	460	386
08/26/2020	11	647	460	398
08/26/2020	12	647	460	389
08/26/2020	13	647	460	392
08/26/2020	14	647	460	401
08/26/2020	15	647	460	398
08/26/2020	16	647	460	388
08/26/2020	17	647	460	360
08/26/2020	18	647	460	341
08/26/2020	19	647	460	356
08/26/2020	20	647	460	359
08/26/2020	21	647	460	364
08/26/2020	22	647	460	362
08/26/2020	23	601	460	344
08/26/2020	24	593	460	324
08/27/2020	1	647	460	327
08/27/2020	2	647	460	317
08/27/2020	3	647	460	309
08/27/2020	4	647	460	301
08/27/2020	5	647	460	299
08/27/2020	6	647	460	301
08/27/2020	7	647	460	315
08/27/2020	8	647	460	345
08/27/2020	9	647	460	371
08/27/2020	10	647	460	389
08/27/2020	11	647	460	405
08/27/2020	12	647	460	399
08/27/2020	13	647	460	398
08/27/2020	14	647	460	404
08/27/2020	15	647	460	398
08/27/2020	16	647	460	387
08/27/2020	17	647	460	368
08/27/2020	18	647	460	355
08/27/2020	19	647	460	365
08/27/2020	20	647	460	364
08/27/2020	21	647	460	366
08/27/2020	22	647	460	359
08/27/2020	23	601	460	345
08/27/2020	24	593	460	334
08/28/2020	1	647	460	321
08/28/2020	2	647	460	303
08/28/2020	3	647	460	296
08/28/2020	4	647	460	290
08/28/2020	5	647	460	294
08/28/2020	6	647	460	296
08/28/2020	7	647	460	312
08/28/2020	8	647	460	340
08/28/2020	9	647	460	365
08/28/2020	10	647	460	385
08/28/2020	11	647	460	395
08/28/2020	12	647	460	387
08/28/2020	13	647	460	386
08/28/2020	14	647	460	400

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/28/2020	15	647	460	396
08/28/2020	16	647	460	390
08/28/2020	17	647	460	373
08/28/2020	18	647	460	368
08/28/2020	19	647	460	378
08/28/2020	20	647	460	375
08/28/2020	21	647	460	374
08/28/2020	22	647	460	363
08/28/2020	23	647	460	347
08/28/2020	24	647	460	331
08/29/2020	1	647	460	328
08/29/2020	2	647	460	317
08/29/2020	3	647	460	307
08/29/2020	4	647	460	298
08/29/2020	5	647	460	307
08/29/2020	6	647	460	309
08/29/2020	7	647	460	302
08/29/2020	8	647	460	319
08/29/2020	9	647	460	343
08/29/2020	10	647	460	363
08/29/2020	11	647	460	376
08/29/2020	12	647	460	372
08/29/2020	13	647	460	371
08/29/2020	14	647	460	379
08/29/2020	15	647	460	374
08/29/2020	16	647	460	361
08/29/2020	17	647	460	347
08/29/2020	18	647	460	338
08/29/2020	19	647	460	351
08/29/2020	20	647	460	353
08/29/2020	21	647	460	357
08/29/2020	22	647	460	354
08/29/2020	23	647	460	345
08/29/2020	24	647	460	333
08/30/2020	1	647	460	307
08/30/2020	2	647	460	292
08/30/2020	3	647	460	283
08/30/2020	4	647	460	275
08/30/2020	5	647	460	266
08/30/2020	6	647	460	260
08/30/2020	7	647	460	265
08/30/2020	8	647	460	281
08/30/2020	9	647	460	303
08/30/2020	10	647	460	317
08/30/2020	11	647	460	330
08/30/2020	12	647	460	330
08/30/2020	13	647	460	336
08/30/2020	14	647	460	340
08/30/2020	15	647	460	338
08/30/2020	16	647	460	326
08/30/2020	17	647	460	304
08/30/2020	18	647	460	298
08/30/2020	19	647	460	323
08/30/2020	20	647	460	330
08/30/2020	21	647	460	337
08/30/2020	22	647	460	333
08/30/2020	23	647	460	328
08/30/2020	24	647	460	315
08/31/2020	1	539	420	304
08/31/2020	2	420	420	295
08/31/2020	3	420	420	288
08/31/2020	4	420	420	282
08/31/2020	5	420	420	280
08/31/2020	6	420	420	278
08/31/2020	7	420	420	281

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/31/2020	8	420	420	300
08/31/2020	9	433	426	325
08/31/2020	10	596	450	344
08/31/2020	11	621	492	355
08/31/2020	12	462	433	349
08/31/2020	13	420	420	340
08/31/2020	14	508	433	348
08/31/2020	15	499	433	344
08/31/2020	16	436	433	336
08/31/2020	17	520	433	332
08/31/2020	18	603	435	335
08/31/2020	19	605	485	340
08/31/2020	20	647	637	350
08/31/2020	21	647	647	349
08/31/2020	22	647	647	344
08/31/2020	23	647	647	335
08/31/2020	24	624	586	322
09/01/2020	1	600	550	300
09/01/2020	2	580	520	287
09/01/2020	3	560	500	279
09/01/2020	4	550	460	274
09/01/2020	5	540	460	274
09/01/2020	6	550	460	274
09/01/2020	7	560	460	284
09/01/2020	8	647	614	338
09/01/2020	9	647	647	367
09/01/2020	10	647	647	385
09/01/2020	11	647	647	398
09/01/2020	12	580	550	391
09/01/2020	13	590	570	398
09/01/2020	14	647	647	411
09/01/2020	15	647	647	407
09/01/2020	16	647	647	394
09/01/2020	17	647	572	363
09/01/2020	18	580	550	344
09/01/2020	19	590	570	361
09/01/2020	20	600	550	365
09/01/2020	21	647	605	375
09/01/2020	22	647	598	373
09/01/2020	23	647	565	362
09/01/2020	24	580	550	348
09/02/2020	1	590	540	321
09/02/2020	2	562	500	308
09/02/2020	3	532	460	299
09/02/2020	4	512	460	290
09/02/2020	5	512	460	286
09/02/2020	6	502	460	284
09/02/2020	7	540	460	285
09/02/2020	8	550	460	328
09/02/2020	9	591	550	356
09/02/2020	10	647	647	374
09/02/2020	11	647	647	387
09/02/2020	12	647	647	381
09/02/2020	13	647	647	388
09/02/2020	14	647	647	400
09/02/2020	15	647	647	396
09/02/2020	16	647	647	383
09/02/2020	17	647	570	354
09/02/2020	18	580	498	334
09/02/2020	19	647	532	353
09/02/2020	20	647	599	355
09/02/2020	21	647	625	364
09/02/2020	22	647	632	361
09/02/2020	23	647	580	349
09/02/2020	24	615	550	337

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/03/2020	1	647	580	330
09/03/2020	2	647	550	316
09/03/2020	3	647	521	307
09/03/2020	4	647	460	298
09/03/2020	5	647	460	294
09/03/2020	6	647	460	292
09/03/2020	7	580	460	297
09/03/2020	8	647	460	336
09/03/2020	9	647	550	364
09/03/2020	10	647	647	382
09/03/2020	11	647	647	394
09/03/2020	12	647	569	388
09/03/2020	13	647	647	392
09/03/2020	14	647	647	402
09/03/2020	15	647	599	395
09/03/2020	16	601	550	383
09/03/2020	17	647	520	358
09/03/2020	18	580	485	341
09/03/2020	19	604	532	356
09/03/2020	20	600	578	359
09/03/2020	21	647	481	365
09/03/2020	22	647	522	360
09/03/2020	23	647	592	348
09/03/2020	24	615	522	336
09/04/2020	1	647	590	324
09/04/2020	2	647	567	312
09/04/2020	3	624	521	305
09/04/2020	4	580	460	300
09/04/2020	5	580	460	300
09/04/2020	6	647	460	300
09/04/2020	7	580	460	311
09/04/2020	8	647	460	342
09/04/2020	9	647	550	369
09/04/2020	10	647	647	389
09/04/2020	11	647	647	399
09/04/2020	12	647	647	390
09/04/2020	13	647	584	390
09/04/2020	14	647	647	400
09/04/2020	15	647	550	390
09/04/2020	16	601	550	378
09/04/2020	17	580	520	362
09/04/2020	18	580	485	355
09/04/2020	19	604	564	366
09/04/2020	20	647	589	365
09/04/2020	21	647	602	364
09/04/2020	22	647	589	359
09/04/2020	23	647	590	345
09/04/2020	24	615	540	332
09/05/2020	1	647	596	319
09/05/2020	2	550	463	307
09/05/2020	3	520	460	298
09/05/2020	4	580	460	294
09/05/2020	5	588	460	293
09/05/2020	6	460	400	288
09/05/2020	7	460	420	300
09/05/2020	8	647	533	330
09/05/2020	9	647	647	356
09/05/2020	10	647	647	381
09/05/2020	11	647	647	393
09/05/2020	12	647	647	385
09/05/2020	13	647	647	381
09/05/2020	14	647	647	389
09/05/2020	15	647	647	383
09/05/2020	16	647	647	372
09/05/2020	17	647	647	361

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/05/2020	18	647	647	365
09/05/2020	19	647	647	371
09/05/2020	20	647	647	367
09/05/2020	21	647	647	364
09/05/2020	22	647	647	361
09/05/2020	23	632	550	344
09/05/2020	24	578	550	328
09/06/2020	1	600	570	307
09/06/2020	2	580	540	292
09/06/2020	3	550	520	282
09/06/2020	4	520	460	274
09/06/2020	5	500	460	266
09/06/2020	6	480	460	260
09/06/2020	7	500	460	264
09/06/2020	8	550	460	280
09/06/2020	9	580	520	301
09/06/2020	10	580	550	315
09/06/2020	11	648	550	328
09/06/2020	12	625	580	328
09/06/2020	13	647	585	335
09/06/2020	14	647	580	339
09/06/2020	15	647	580	337
09/06/2020	16	647	580	324
09/06/2020	17	580	520	302
09/06/2020	18	500	460	297
09/06/2020	19	647	647	322
09/06/2020	20	647	647	329
09/06/2020	21	647	647	335
09/06/2020	22	647	647	332
09/06/2020	23	647	647	326
09/06/2020	24	647	615	313
09/07/2020	1	600	570	300
09/07/2020	2	580	540	287
09/07/2020	3	550	520	279
09/07/2020	4	520	460	274
09/07/2020	5	500	460	274
09/07/2020	6	480	460	274
09/07/2020	7	500	460	284
09/07/2020	8	591	500	338
09/07/2020	9	647	647	367
09/07/2020	10	647	647	385
09/07/2020	11	647	647	398
09/07/2020	12	647	647	391
09/07/2020	13	647	647	398
09/07/2020	14	647	647	411
09/07/2020	15	647	647	407
09/07/2020	16	647	580	394
09/07/2020	17	580	520	363
09/07/2020	18	500	460	344
09/07/2020	19	647	580	361
09/07/2020	20	647	580	365
09/07/2020	21	647	580	375
09/07/2020	22	647	647	373
09/07/2020	23	647	647	362
09/07/2020	24	647	615	348
09/08/2020	1	647	647	337
09/08/2020	2	647	647	323
09/08/2020	3	647	647	313
09/08/2020	4	647	647	305
09/08/2020	5	647	647	301
09/08/2020	6	647	647	298
09/08/2020	7	647	647	317
09/08/2020	8	647	647	345
09/08/2020	9	647	647	377
09/08/2020	10	647	647	396

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/08/2020	11	647	647	409
09/08/2020	12	647	647	405
09/08/2020	13	647	647	411
09/08/2020	14	647	647	424
09/08/2020	15	647	647	419
09/08/2020	16	647	647	405
09/08/2020	17	647	647	377
09/08/2020	18	647	647	357
09/08/2020	19	647	647	375
09/08/2020	20	647	647	377
09/08/2020	21	647	647	385
09/08/2020	22	647	647	381
09/08/2020	23	647	647	369
09/08/2020	24	647	647	356
09/09/2020	1	647	647	337
09/09/2020	2	647	647	323
09/09/2020	3	647	647	313
09/09/2020	4	647	647	305
09/09/2020	5	647	647	301
09/09/2020	6	647	647	298
09/09/2020	7	647	647	317
09/09/2020	8	647	647	345
09/09/2020	9	647	647	377
09/09/2020	10	647	647	396
09/09/2020	11	647	647	409
09/09/2020	12	647	647	405
09/09/2020	13	647	647	411
09/09/2020	14	647	647	424
09/09/2020	15	647	647	419
09/09/2020	16	647	647	405
09/09/2020	17	647	647	377
09/09/2020	18	647	647	357
09/09/2020	19	647	647	375
09/09/2020	20	647	647	377
09/09/2020	21	647	647	385
09/09/2020	22	647	647	381
09/09/2020	23	647	647	369
09/09/2020	24	647	647	356
09/10/2020	1	647	647	337
09/10/2020	2	647	559	324
09/10/2020	3	647	573	314
09/10/2020	4	613	560	305
09/10/2020	5	647	549	302
09/10/2020	6	600	530	299
09/10/2020	7	568	520	309
09/10/2020	8	647	550	346
09/10/2020	9	647	647	374
09/10/2020	10	647	647	394
09/10/2020	11	647	647	406
09/10/2020	12	647	647	401
09/10/2020	13	647	647	406
09/10/2020	14	647	647	418
09/10/2020	15	647	647	412
09/10/2020	16	647	647	399
09/10/2020	17	647	590	370
09/10/2020	18	647	580	353
09/10/2020	19	647	647	368
09/10/2020	20	647	618	372
09/10/2020	21	647	563	379
09/10/2020	22	647	625	376
09/10/2020	23	647	604	364
09/10/2020	24	647	580	351
09/11/2020	1	647	647	327
09/11/2020	2	647	568	318
09/11/2020	3	580	520	310

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/11/2020	4	570	500	299
09/11/2020	5	570	500	297
09/11/2020	6	554	490	295
09/11/2020	7	559	500	302
09/11/2020	8	590	550	337
09/11/2020	9	647	580	367
09/11/2020	10	647	647	387
09/11/2020	11	647	647	401
09/11/2020	12	647	628	398
09/11/2020	13	647	647	403
09/11/2020	14	647	647	419
09/11/2020	15	647	647	416
09/11/2020	16	647	585	403
09/11/2020	17	580	520	373
09/11/2020	18	550	500	356
09/11/2020	19	626	550	374
09/11/2020	20	600	536	376
09/11/2020	21	606	540	380
09/11/2020	22	647	647	372
09/11/2020	23	647	647	363
09/11/2020	24	647	587	352
09/12/2020	1	647	647	342
09/12/2020	2	647	647	327
09/12/2020	3	647	647	315
09/12/2020	4	647	611	306
09/12/2020	5	612	550	302
09/12/2020	6	580	500	282
09/12/2020	7	550	460	288
09/12/2020	8	647	609	317
09/12/2020	9	647	624	337
09/12/2020	10	647	647	354
09/12/2020	11	647	647	368
09/12/2020	12	647	628	362
09/12/2020	13	647	647	368
09/12/2020	14	647	647	383
09/12/2020	15	647	647	377
09/12/2020	16	580	550	365
09/12/2020	17	560	460	347
09/12/2020	18	545	460	340
09/12/2020	19	609	550	360
09/12/2020	20	600	520	366
09/12/2020	21	632	540	373
09/12/2020	22	647	647	371
09/12/2020	23	647	619	360
09/12/2020	24	580	550	343
09/13/2020	1	604	580	311
09/13/2020	2	580	520	296
09/13/2020	3	560	500	286
09/13/2020	4	557	480	278
09/13/2020	5	530	470	270
09/13/2020	6	520	460	264
09/13/2020	7	550	460	268
09/13/2020	8	580	460	284
09/13/2020	9	600	530	307
09/13/2020	10	580	550	321
09/13/2020	11	647	647	335
09/13/2020	12	647	628	334
09/13/2020	13	647	647	341
09/13/2020	14	647	630	345
09/13/2020	15	647	600	343
09/13/2020	16	580	550	330
09/13/2020	17	560	460	309
09/13/2020	18	545	460	303
09/13/2020	19	609	550	328
09/13/2020	20	600	543	335

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/13/2020	21	600	540	341
09/13/2020	22	647	535	338
09/13/2020	23	580	500	332
09/13/2020	24	550	460	319
09/14/2020	1	500	500	305
09/14/2020	2	500	450	295
09/14/2020	3	500	450	285
09/14/2020	4	500	442	279
09/14/2020	5	500	435	277
09/14/2020	6	500	470	278
09/14/2020	7	611	546	294
09/14/2020	8	647	631	331
09/14/2020	9	647	624	358
09/14/2020	10	647	628	380
09/14/2020	11	647	647	397
09/14/2020	12	647	647	391
09/14/2020	13	647	647	396
09/14/2020	14	647	647	409
09/14/2020	15	600	568	400
09/14/2020	16	550	460	377
09/14/2020	17	580	435	349
09/14/2020	18	550	498	339
09/14/2020	19	575	550	342
09/14/2020	20	550	500	344
09/14/2020	21	647	647	346
09/14/2020	22	647	647	343
09/14/2020	23	600	576	331
09/14/2020	24	571	550	320
09/15/2020	1	647	570	317
09/15/2020	2	647	550	308
09/15/2020	3	647	465	299
09/15/2020	4	500	460	292
09/15/2020	5	500	460	289
09/15/2020	6	490	470	289
09/15/2020	7	480	460	283
09/15/2020	8	615	550	333
09/15/2020	9	647	624	366
09/15/2020	10	647	647	388
09/15/2020	11	647	647	405
09/15/2020	12	647	620	403
09/15/2020	13	647	644	407
09/15/2020	14	647	647	423
09/15/2020	15	647	647	419
09/15/2020	16	647	647	407
09/15/2020	17	580	435	377
09/15/2020	18	550	445	362
09/15/2020	19	647	555	371
09/15/2020	20	550	500	370
09/15/2020	21	647	647	375
09/15/2020	22	647	647	374
09/15/2020	23	647	647	364
09/15/2020	24	627	550	347
09/16/2020	1	647	460	311
09/16/2020	2	647	460	300
09/16/2020	3	647	460	290
09/16/2020	4	647	460	281
09/16/2020	5	647	460	278
09/16/2020	6	647	460	276
09/16/2020	7	647	460	291
09/16/2020	8	647	460	319
09/16/2020	9	647	460	347
09/16/2020	10	647	460	366
09/16/2020	11	647	460	377
09/16/2020	12	647	460	373
09/16/2020	13	647	460	377

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/16/2020	14	647	460	390
09/16/2020	15	647	460	386
09/16/2020	16	647	460	370
09/16/2020	17	647	460	342
09/16/2020	18	550	460	327
09/16/2020	19	647	460	339
09/16/2020	20	647	460	343
09/16/2020	21	647	460	350
09/16/2020	22	647	460	347
09/16/2020	23	647	460	336
09/16/2020	24	647	460	325
09/17/2020	1	647	460	311
09/17/2020	2	647	460	300
09/17/2020	3	647	460	290
09/17/2020	4	647	460	281
09/17/2020	5	647	460	278
09/17/2020	6	647	460	276
09/17/2020	7	647	460	291
09/17/2020	8	647	460	319
09/17/2020	9	647	460	347
09/17/2020	10	647	460	366
09/17/2020	11	647	460	377
09/17/2020	12	647	460	373
09/17/2020	13	647	460	377
09/17/2020	14	647	460	390
09/17/2020	15	647	460	386
09/17/2020	16	647	460	370
09/17/2020	17	647	460	342
09/17/2020	18	550	460	327
09/17/2020	19	647	460	339
09/17/2020	20	647	460	343
09/17/2020	21	647	460	350
09/17/2020	22	647	460	347
09/17/2020	23	647	460	336
09/17/2020	24	647	460	325
09/18/2020	1	598	460	303
09/18/2020	2	590	460	296
09/18/2020	3	560	460	285
09/18/2020	4	547	460	280
09/18/2020	5	543	460	279
09/18/2020	6	540	460	276
09/18/2020	7	550	460	288
09/18/2020	8	647	460	320
09/18/2020	9	647	460	349
09/18/2020	10	647	460	369
09/18/2020	11	647	460	379
09/18/2020	12	647	460	375
09/18/2020	13	647	460	378
09/18/2020	14	647	460	385
09/18/2020	15	647	460	377
09/18/2020	16	647	460	363
09/18/2020	17	647	460	340
09/18/2020	18	550	460	328
09/18/2020	19	647	460	343
09/18/2020	20	647	460	346
09/18/2020	21	647	460	352
09/18/2020	22	647	460	342
09/18/2020	23	647	460	333
09/18/2020	24	647	460	321
09/19/2020	1	646	455	306
09/19/2020	2	598	455	297
09/19/2020	3	573	455	288
09/19/2020	4	455	399	263
09/19/2020	5	455	313	268
09/19/2020	6	455	375	273

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/19/2020	7	455	430	275
09/19/2020	8	455	446	293
09/19/2020	9	540	455	314
09/19/2020	10	588	455	331
09/19/2020	11	585	455	340
09/19/2020	12	596	455	336
09/19/2020	13	606	455	338
09/19/2020	14	647	455	345
09/19/2020	15	589	455	337
09/19/2020	16	543	455	324
09/19/2020	17	521	455	312
09/19/2020	18	600	455	312
09/19/2020	19	631	455	325
09/19/2020	20	635	455	326
09/19/2020	21	646	455	332
09/19/2020	22	638	455	326
09/19/2020	23	641	455	316
09/19/2020	24	647	455	310
09/20/2020	1	647	460	303
09/20/2020	2	647	460	288
09/20/2020	3	560	460	278
09/20/2020	4	547	460	270
09/20/2020	5	460	455	262
09/20/2020	6	460	455	256
09/20/2020	7	460	455	260
09/20/2020	8	460	455	276
09/20/2020	9	460	455	286
09/20/2020	10	460	455	300
09/20/2020	11	550	460	313
09/20/2020	12	550	460	313
09/20/2020	13	571	460	319
09/20/2020	14	583	460	323
09/20/2020	15	560	460	321
09/20/2020	16	550	460	309
09/20/2020	17	540	460	287
09/20/2020	18	540	460	281
09/20/2020	19	550	460	306
09/20/2020	20	550	460	313
09/20/2020	21	625	460	320
09/20/2020	22	570	460	316
09/20/2020	23	550	460	311
09/20/2020	24	540	460	298
09/21/2020	1	647	460	299
09/21/2020	2	647	460	292
09/21/2020	3	550	460	281
09/21/2020	4	500	460	276
09/21/2020	5	551	460	275
09/21/2020	6	515	460	272
09/21/2020	7	500	460	284
09/21/2020	8	647	460	316
09/21/2020	9	647	460	351
09/21/2020	10	647	460	372
09/21/2020	11	647	460	381
09/21/2020	12	647	460	377
09/21/2020	13	647	460	381
09/21/2020	14	647	460	388
09/21/2020	15	647	460	380
09/21/2020	16	550	460	366
09/21/2020	17	540	460	343
09/21/2020	18	540	460	331
09/21/2020	19	550	460	346
09/21/2020	20	550	460	349
09/21/2020	21	625	460	354
09/21/2020	22	570	460	345
09/21/2020	23	592	460	336

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/21/2020	24	533	460	323
09/22/2020	1	647	460	323
09/22/2020	2	619	460	299
09/22/2020	3	550	460	290
09/22/2020	4	500	460	287
09/22/2020	5	512	460	285
09/22/2020	6	560	460	298
09/22/2020	7	570	460	302
09/22/2020	8	647	460	332
09/22/2020	9	647	460	362
09/22/2020	10	647	460	382
09/22/2020	11	647	460	397
09/22/2020	12	647	460	391
09/22/2020	13	647	460	394
09/22/2020	14	647	460	407
09/22/2020	15	647	460	404
09/22/2020	16	647	460	394
09/22/2020	17	647	460	368
09/22/2020	18	580	460	360
09/22/2020	19	580	460	367
09/22/2020	20	647	460	366
09/22/2020	21	647	460	370
09/22/2020	22	647	460	363
09/22/2020	23	647	460	349
09/22/2020	24	647	460	334
09/23/2020	1	647	460	322
09/23/2020	2	580	460	299
09/23/2020	3	545	460	291
09/23/2020	4	500	460	287
09/23/2020	5	501	460	292
09/23/2020	6	647	460	310
09/23/2020	7	647	460	314
09/23/2020	8	647	460	343
09/23/2020	9	647	460	369
09/23/2020	10	647	460	390
09/23/2020	11	647	460	402
09/23/2020	12	647	460	393
09/23/2020	13	647	460	392
09/23/2020	14	647	460	404
09/23/2020	15	647	460	397
09/23/2020	16	647	460	392
09/23/2020	17	647	460	378
09/23/2020	18	647	460	375
09/23/2020	19	647	460	377
09/23/2020	20	647	460	370
09/23/2020	21	647	460	363
09/23/2020	22	647	460	351
09/23/2020	23	647	460	335
09/23/2020	24	647	460	319
09/24/2020	1	647	460	327
09/24/2020	2	647	460	317
09/24/2020	3	647	460	302
09/24/2020	4	647	460	295
09/24/2020	5	647	435	291
09/24/2020	6	647	435	289
09/24/2020	7	647	460	296
09/24/2020	8	647	460	330
09/24/2020	9	647	460	364
09/24/2020	10	647	460	386
09/24/2020	11	647	460	400
09/24/2020	12	647	460	393
09/24/2020	13	647	460	393
09/24/2020	14	647	460	407
09/24/2020	15	647	460	404
09/24/2020	16	647	460	390

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/24/2020	17	580	460	365
09/24/2020	18	580	460	358
09/24/2020	19	647	460	364
09/24/2020	20	647	460	365
09/24/2020	21	647	460	363
09/24/2020	22	647	460	356
09/24/2020	23	647	460	344
09/24/2020	24	647	460	332
09/25/2020	1	647	460	309
09/25/2020	2	647	460	307
09/25/2020	3	647	460	298
09/25/2020	4	647	460	288
09/25/2020	5	647	435	284
09/25/2020	6	647	435	282
09/25/2020	7	647	460	291
09/25/2020	8	647	460	323
09/25/2020	9	647	460	353
09/25/2020	10	647	460	374
09/25/2020	11	647	460	387
09/25/2020	12	647	460	384
09/25/2020	13	647	460	389
09/25/2020	14	647	460	398
09/25/2020	15	647	460	391
09/25/2020	16	647	460	378
09/25/2020	17	602	460	352
09/25/2020	18	573	460	339
09/25/2020	19	647	460	354
09/25/2020	20	647	460	357
09/25/2020	21	647	460	361
09/25/2020	22	647	460	355
09/25/2020	23	647	460	346
09/25/2020	24	647	460	334
09/26/2020	1	601	435	311
09/26/2020	2	498	435	295
09/26/2020	3	435	420	286
09/26/2020	4	435	420	272
09/26/2020	5	420	335	258
09/26/2020	6	302	300	253
09/26/2020	7	337	300	266
09/26/2020	8	450	344	293
09/26/2020	9	604	344	315
09/26/2020	10	621	420	336
09/26/2020	11	647	420	349
09/26/2020	12	618	435	343
09/26/2020	13	625	427	347
09/26/2020	14	647	435	353
09/26/2020	15	636	435	340
09/26/2020	16	609	420	328
09/26/2020	17	600	420	315
09/26/2020	18	643	435	322
09/26/2020	19	647	435	331
09/26/2020	20	647	435	333
09/26/2020	21	647	435	337
09/26/2020	22	600	435	332
09/26/2020	23	527	435	322
09/26/2020	24	581	435	310
09/27/2020	1	570	460	304
09/27/2020	2	520	435	296
09/27/2020	3	520	435	286
09/27/2020	4	450	435	278
09/27/2020	5	440	435	270
09/27/2020	6	470	435	264
09/27/2020	7	490	435	268
09/27/2020	8	520	435	284
09/27/2020	9	580	460	307

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/27/2020	10	590	460	321
09/27/2020	11	647	460	335
09/27/2020	12	580	460	334
09/27/2020	13	570	460	341
09/27/2020	14	647	460	344
09/27/2020	15	633	460	343
09/27/2020	16	570	460	311
09/27/2020	17	550	460	309
09/27/2020	18	540	460	303
09/27/2020	19	570	460	328
09/27/2020	20	550	460	335
09/27/2020	21	629	460	341
09/27/2020	22	570	460	338
09/27/2020	23	545	460	332
09/27/2020	24	520	460	319
09/28/2020	1	580	460	297
09/28/2020	2	566	435	291
09/28/2020	3	547	435	284
09/28/2020	4	508	435	280
09/28/2020	5	473	435	276
09/28/2020	6	470	435	272
09/28/2020	7	490	435	283
09/28/2020	8	520	435	315
09/28/2020	9	580	460	355
09/28/2020	10	647	460	376
09/28/2020	11	647	460	389
09/28/2020	12	647	460	386
09/28/2020	13	647	460	391
09/28/2020	14	647	460	400
09/28/2020	15	647	460	393
09/28/2020	16	647	460	380
09/28/2020	17	550	460	354
09/28/2020	18	540	460	341
09/28/2020	19	570	460	356
09/28/2020	20	550	460	359
09/28/2020	21	629	460	363
09/28/2020	22	570	460	357
09/28/2020	23	630	460	348
09/28/2020	24	558	460	336
09/29/2020	1	647	460	326
09/29/2020	2	570	460	316
09/29/2020	3	540	460	304
09/29/2020	4	520	460	296
09/29/2020	5	510	460	292
09/29/2020	6	500	460	290
09/29/2020	7	520	460	298
09/29/2020	8	550	460	334
09/29/2020	9	647	460	365
09/29/2020	10	647	460	386
09/29/2020	11	647	460	401
09/29/2020	12	647	460	393
09/29/2020	13	647	460	398
09/29/2020	14	647	460	411
09/29/2020	15	647	460	408
09/29/2020	16	647	460	394
09/29/2020	17	580	460	366
09/29/2020	18	550	460	354
09/29/2020	19	647	460	364
09/29/2020	20	647	460	366
09/29/2020	21	590	460	368
09/29/2020	22	564	460	362
09/29/2020	23	550	460	350
09/29/2020	24	550	460	338
09/30/2020	1	590	460	312
09/30/2020	2	560	460	298

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/30/2020	3	540	460	289
09/30/2020	4	510	460	287
09/30/2020	5	550	460	288
09/30/2020	6	567	460	290
09/30/2020	7	580	460	303
09/30/2020	8	590	460	333
09/30/2020	9	647	460	362
09/30/2020	10	647	460	383
09/30/2020	11	647	460	396
09/30/2020	12	627	460	391
09/30/2020	13	628	460	394
09/30/2020	14	647	460	407
09/30/2020	15	647	460	406
09/30/2020	16	647	460	398
09/30/2020	17	580	460	377
09/30/2020	18	550	460	365
09/30/2020	19	647	460	376
09/30/2020	20	600	460	374
09/30/2020	21	599	460	375
09/30/2020	22	588	460	364
09/30/2020	23	542	460	347
09/30/2020	24	517	460	333
10/01/2020	1	647	438	320
10/01/2020	2	600	435	310
10/01/2020	3	590	435	299
10/01/2020	4	580	435	297
10/01/2020	5	647	435	295
10/01/2020	6	647	435	294
10/01/2020	7	647	460	304
10/01/2020	8	647	460	337
10/01/2020	9	647	460	365
10/01/2020	10	647	460	384
10/01/2020	11	647	460	395
10/01/2020	12	627	460	390
10/01/2020	13	628	460	394
10/01/2020	14	647	460	407
10/01/2020	15	647	460	400
10/01/2020	16	631	460	385
10/01/2020	17	580	460	358
10/01/2020	18	556	460	346
10/01/2020	19	570	460	357
10/01/2020	20	550	460	359
10/01/2020	21	570	460	364
10/01/2020	22	560	460	360
10/01/2020	23	608	460	349
10/01/2020	24	561	460	336
10/02/2020	1	647	460	326
10/02/2020	2	610	460	313
10/02/2020	3	590	460	304
10/02/2020	4	560	435	294
10/02/2020	5	550	435	290
10/02/2020	6	570	435	289
10/02/2020	7	615	460	302
10/02/2020	8	647	460	335
10/02/2020	9	647	460	367
10/02/2020	10	647	460	389
10/02/2020	11	647	460	401
10/02/2020	12	627	460	396
10/02/2020	13	607	460	397
10/02/2020	14	647	460	403
10/02/2020	15	647	460	394
10/02/2020	16	631	460	379
10/02/2020	17	580	460	357
10/02/2020	18	556	460	352
10/02/2020	19	570	460	360

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/02/2020	20	550	460	362
10/02/2020	21	589	460	365
10/02/2020	22	585	460	360
10/02/2020	23	608	460	349
10/02/2020	24	561	460	336
10/03/2020	1	647	435	310
10/03/2020	2	647	435	303
10/03/2020	3	612	435	293
10/03/2020	4	614	435	287
10/03/2020	5	540	435	284
10/03/2020	6	450	435	278
10/03/2020	7	435	400	276
10/03/2020	8	465	435	302
10/03/2020	9	475	435	326
10/03/2020	10	570	435	331
10/03/2020	11	647	435	357
10/03/2020	12	647	435	354
10/03/2020	13	647	435	358
10/03/2020	14	647	435	366
10/03/2020	15	647	435	361
10/03/2020	16	647	435	344
10/03/2020	17	647	435	331
10/03/2020	18	647	435	343
10/03/2020	19	642	435	344
10/03/2020	20	647	435	344
10/03/2020	21	647	460	347
10/03/2020	22	647	440	342
10/03/2020	23	647	435	334
10/03/2020	24	647	435	323
10/04/2020	1	590	460	306
10/04/2020	2	560	435	292
10/04/2020	3	550	435	282
10/04/2020	4	530	435	274
10/04/2020	5	510	435	266
10/04/2020	6	500	435	260
10/04/2020	7	513	435	264
10/04/2020	8	546	460	280
10/04/2020	9	580	460	300
10/04/2020	10	590	460	314
10/04/2020	11	647	460	327
10/04/2020	12	627	460	327
10/04/2020	13	607	460	333
10/04/2020	14	647	460	336
10/04/2020	15	647	460	336
10/04/2020	16	631	460	323
10/04/2020	17	570	460	301
10/04/2020	18	520	460	295
10/04/2020	19	570	460	321
10/04/2020	20	550	460	327
10/04/2020	21	589	460	334
10/04/2020	22	585	460	330
10/04/2020	23	608	460	325
10/04/2020	24	550	460	312
10/05/2020	1	620	435	306
10/05/2020	2	560	435	292
10/05/2020	3	550	435	283
10/05/2020	4	530	435	275
10/05/2020	5	510	435	266
10/05/2020	6	499	435	260
10/05/2020	7	550	435	280
10/05/2020	8	647	435	334
10/05/2020	9	647	435	370
10/05/2020	10	647	460	391
10/05/2020	11	647	460	406
10/05/2020	12	580	460	398

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/05/2020	13	647	460	404
10/05/2020	14	647	460	416
10/05/2020	15	647	460	414
10/05/2020	16	647	460	400
10/05/2020	17	647	460	372
10/05/2020	18	616	460	359
10/05/2020	19	550	460	369
10/05/2020	20	550	460	372
10/05/2020	21	647	460	373
10/05/2020	22	647	460	367
10/05/2020	23	647	460	355
10/05/2020	24	542	460	343
10/06/2020	1	599	435	312
10/06/2020	2	541	435	302
10/06/2020	3	519	435	296
10/06/2020	4	481	435	287
10/06/2020	5	470	435	283
10/06/2020	6	499	435	284
10/06/2020	7	520	435	295
10/06/2020	8	584	435	331
10/06/2020	9	647	435	359
10/06/2020	10	647	460	381
10/06/2020	11	647	460	395
10/06/2020	12	580	460	390
10/06/2020	13	647	460	393
10/06/2020	14	647	460	406
10/06/2020	15	647	460	399
10/06/2020	16	580	460	382
10/06/2020	17	550	460	359
10/06/2020	18	460	444	355
10/06/2020	19	520	460	355
10/06/2020	20	550	460	355
10/06/2020	21	647	460	356
10/06/2020	22	647	460	350
10/06/2020	23	583	460	338
10/06/2020	24	520	460	325
10/07/2020	1	647	460	322
10/07/2020	2	532	460	311
10/07/2020	3	515	435	301
10/07/2020	4	479	435	295
10/07/2020	5	463	435	292
10/07/2020	6	489	435	291
10/07/2020	7	512	435	301
10/07/2020	8	573	435	334
10/07/2020	9	647	435	364
10/07/2020	10	647	460	384
10/07/2020	11	647	460	399
10/07/2020	12	624	460	395
10/07/2020	13	647	460	397
10/07/2020	14	647	460	406
10/07/2020	15	647	460	397
10/07/2020	16	647	460	387
10/07/2020	17	550	460	364
10/07/2020	18	460	444	359
10/07/2020	19	520	460	363
10/07/2020	20	593	460	360
10/07/2020	21	647	460	359
10/07/2020	22	647	460	359
10/07/2020	23	647	460	349
10/07/2020	24	647	460	334
10/08/2020	1	591	435	301
10/08/2020	2	521	435	291
10/08/2020	3	505	435	282
10/08/2020	4	450	435	275
10/08/2020	5	451	435	275

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/08/2020	6	463	435	275
10/08/2020	7	460	435	282
10/08/2020	8	530	435	316
10/08/2020	9	626	435	344
10/08/2020	10	647	460	365
10/08/2020	11	647	460	377
10/08/2020	12	624	460	372
10/08/2020	13	647	460	375
10/08/2020	14	647	460	388
10/08/2020	15	647	460	382
10/08/2020	16	580	460	368
10/08/2020	17	530	460	345
10/08/2020	18	460	440	340
10/08/2020	19	500	460	345
10/08/2020	20	530	460	346
10/08/2020	21	550	460	346
10/08/2020	22	530	460	340
10/08/2020	23	510	460	327
10/08/2020	24	500	460	315
10/09/2020	1	580	435	298
10/09/2020	2	522	435	290
10/09/2020	3	510	435	282
10/09/2020	4	450	435	276
10/09/2020	5	451	435	276
10/09/2020	6	463	435	277
10/09/2020	7	460	435	285
10/09/2020	8	530	435	318
10/09/2020	9	535	435	344
10/09/2020	10	543	460	367
10/09/2020	11	647	460	376
10/09/2020	12	580	460	371
10/09/2020	13	500	460	372
10/09/2020	14	647	460	383
10/09/2020	15	647	460	376
10/09/2020	16	580	460	366
10/09/2020	17	530	460	347
10/09/2020	18	480	460	346
10/09/2020	19	500	460	347
10/09/2020	20	530	460	345
10/09/2020	21	557	460	344
10/09/2020	22	550	460	343
10/09/2020	23	540	460	330
10/09/2020	24	500	460	317
10/10/2020	1	600	435	295
10/10/2020	2	570	435	288
10/10/2020	3	540	435	279
10/10/2020	4	512	435	271
10/10/2020	5	451	435	268
10/10/2020	6	435	420	262
10/10/2020	7	460	435	264
10/10/2020	8	530	435	284
10/10/2020	9	535	435	305
10/10/2020	10	543	435	326
10/10/2020	11	603	435	339
10/10/2020	12	570	435	333
10/10/2020	13	500	435	336
10/10/2020	14	566	435	343
10/10/2020	15	520	435	331
10/10/2020	16	569	435	319
10/10/2020	17	480	435	306
10/10/2020	18	480	435	313
10/10/2020	19	500	435	322
10/10/2020	20	500	435	324
10/10/2020	21	512	435	327
10/10/2020	22	509	435	322

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/10/2020	23	500	435	313
10/10/2020	24	450	435	301
10/11/2020	1	600	435	295
10/11/2020	2	570	435	280
10/11/2020	3	540	435	270
10/11/2020	4	512	435	262
10/11/2020	5	451	435	262
10/11/2020	6	435	426	256
10/11/2020	7	489	435	268
10/11/2020	8	530	435	276
10/11/2020	9	535	435	288
10/11/2020	10	543	435	298
10/11/2020	11	647	435	311
10/11/2020	12	573	435	310
10/11/2020	13	580	435	317
10/11/2020	14	647	435	321
10/11/2020	15	647	435	319
10/11/2020	16	570	435	306
10/11/2020	17	480	435	285
10/11/2020	18	480	435	279
10/11/2020	19	500	435	304
10/11/2020	20	565	435	311
10/11/2020	21	647	435	317
10/11/2020	22	580	435	314
10/11/2020	23	520	435	308
10/11/2020	24	450	435	296
10/12/2020	1	647	435	294
10/12/2020	2	590	435	286
10/12/2020	3	540	435	278
10/12/2020	4	493	435	272
10/12/2020	5	488	435	272
10/12/2020	6	455	435	273
10/12/2020	7	450	435	281
10/12/2020	8	491	460	314
10/12/2020	9	535	460	347
10/12/2020	10	543	460	369
10/12/2020	11	647	460	379
10/12/2020	12	579	460	373
10/12/2020	13	580	460	374
10/12/2020	14	647	460	385
10/12/2020	15	647	460	378
10/12/2020	16	570	460	368
10/12/2020	17	477	460	350
10/12/2020	18	480	460	348
10/12/2020	19	500	460	350
10/12/2020	20	565	460	348
10/12/2020	21	560	460	347
10/12/2020	22	580	460	345
10/12/2020	23	528	460	332
10/12/2020	24	500	460	320
10/13/2020	1	620	435	304
10/13/2020	2	579	435	294
10/13/2020	3	550	435	281
10/13/2020	4	500	435	275
10/13/2020	5	501	435	271
10/13/2020	6	450	435	269
10/13/2020	7	440	435	275
10/13/2020	8	490	460	307
10/13/2020	9	570	460	338
10/13/2020	10	611	460	358
10/13/2020	11	647	460	372
10/13/2020	12	571	460	365
10/13/2020	13	647	460	369
10/13/2020	14	647	460	381
10/13/2020	15	647	460	376

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/13/2020	16	611	460	363
10/13/2020	17	477	460	345
10/13/2020	18	511	460	349
10/13/2020	19	562	460	350
10/13/2020	20	570	460	350
10/13/2020	21	590	460	349
10/13/2020	22	580	460	343
10/13/2020	23	594	460	331
10/13/2020	24	504	460	319
10/14/2020	1	601	435	303
10/14/2020	2	570	435	294
10/14/2020	3	550	435	284
10/14/2020	4	500	435	279
10/14/2020	5	501	435	278
10/14/2020	6	445	435	277
10/14/2020	7	440	435	285
10/14/2020	8	550	435	318
10/14/2020	9	560	435	347
10/14/2020	10	580	435	367
10/14/2020	11	593	435	380
10/14/2020	12	550	435	375
10/14/2020	13	560	435	378
10/14/2020	14	647	435	388
10/14/2020	15	647	435	381
10/14/2020	16	611	435	370
10/14/2020	17	520	435	349
10/14/2020	18	435	423	347
10/14/2020	19	460	435	348
10/14/2020	20	450	435	346
10/14/2020	21	440	435	344
10/14/2020	22	450	435	340
10/14/2020	23	574	435	333
10/14/2020	24	500	435	315
10/15/2020	1	590	435	285
10/15/2020	2	546	435	278
10/15/2020	3	510	435	270
10/15/2020	4	435	430	265
10/15/2020	5	447	435	266
10/15/2020	6	452	435	269
10/15/2020	7	440	435	281
10/15/2020	8	550	435	304
10/15/2020	9	560	435	331
10/15/2020	10	578	435	351
10/15/2020	11	593	435	364
10/15/2020	12	518	435	358
10/15/2020	13	580	435	361
10/15/2020	14	600	435	372
10/15/2020	15	577	435	363
10/15/2020	16	570	435	352
10/15/2020	17	550	435	334
10/15/2020	18	550	435	336
10/15/2020	19	460	435	333
10/15/2020	20	450	435	331
10/15/2020	21	440	435	328
10/15/2020	22	450	435	320
10/15/2020	23	574	435	305
10/15/2020	24	480	435	292
10/16/2020	1	580	435	282
10/16/2020	2	530	435	274
10/16/2020	3	511	435	267
10/16/2020	4	439	435	260
10/16/2020	5	447	435	258
10/16/2020	6	435	431	258
10/16/2020	7	435	410	266
10/16/2020	8	550	435	297

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/16/2020	9	560	435	323
10/16/2020	10	570	435	341
10/16/2020	11	593	435	352
10/16/2020	12	518	435	347
10/16/2020	13	580	435	346
10/16/2020	14	590	435	356
10/16/2020	15	578	435	352
10/16/2020	16	540	435	339
10/16/2020	17	501	435	320
10/16/2020	18	530	435	320
10/16/2020	19	502	435	322
10/16/2020	20	505	435	321
10/16/2020	21	451	435	323
10/16/2020	22	510	435	317
10/16/2020	23	580	435	307
10/16/2020	24	500	435	295
10/17/2020	1	449	435	300
10/17/2020	2	449	435	290
10/17/2020	3	449	435	281
10/17/2020	4	449	435	274
10/17/2020	5	449	435	272
10/17/2020	6	449	435	270
10/17/2020	7	550	435	284
10/17/2020	8	550	435	295
10/17/2020	9	560	435	315
10/17/2020	10	590	435	339
10/17/2020	11	593	435	353
10/17/2020	12	518	435	345
10/17/2020	13	580	435	346
10/17/2020	14	590	435	351
10/17/2020	15	578	435	342
10/17/2020	16	540	435	327
10/17/2020	17	501	435	321
10/17/2020	18	550	435	334
10/17/2020	19	520	435	332
10/17/2020	20	540	435	329
10/17/2020	21	540	435	330
10/17/2020	22	520	435	323
10/17/2020	23	577	435	312
10/17/2020	24	490	435	301
10/18/2020	1	560	435	281
10/18/2020	2	520	435	274
10/18/2020	3	500	435	266
10/18/2020	4	450	435	261
10/18/2020	5	440	435	262
10/18/2020	6	435	432	265
10/18/2020	7	457	435	277
10/18/2020	8	500	435	300
10/18/2020	9	580	460	335
10/18/2020	10	647	460	355
10/18/2020	11	647	460	368
10/18/2020	12	518	460	362
10/18/2020	13	612	460	364
10/18/2020	14	647	460	375
10/18/2020	15	647	460	367
10/18/2020	16	540	460	355
10/18/2020	17	501	460	338
10/18/2020	18	550	460	340
10/18/2020	19	580	460	337
10/18/2020	20	590	460	335
10/18/2020	21	580	460	332
10/18/2020	22	560	460	323
10/18/2020	23	510	460	309
10/18/2020	24	490	460	295
10/19/2020	1	560	435	281

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/19/2020	2	520	435	274
10/19/2020	3	500	435	266
10/19/2020	4	450	435	261
10/19/2020	5	440	435	262
10/19/2020	6	435	432	265
10/19/2020	7	457	435	277
10/19/2020	8	500	435	300
10/19/2020	9	580	460	335
10/19/2020	10	647	460	355
10/19/2020	11	647	460	368
10/19/2020	12	518	460	362
10/19/2020	13	612	460	364
10/19/2020	14	647	460	375
10/19/2020	15	647	460	367
10/19/2020	16	540	460	355
10/19/2020	17	501	460	338
10/19/2020	18	550	460	340
10/19/2020	19	580	460	337
10/19/2020	20	590	460	335
10/19/2020	21	580	460	332
10/19/2020	22	560	460	323
10/19/2020	23	510	460	309
10/19/2020	24	490	460	295
10/20/2020	1	580	435	275
10/20/2020	2	520	435	266
10/20/2020	3	480	435	257
10/20/2020	4	440	435	254
10/20/2020	5	435	420	254
10/20/2020	6	435	420	258
10/20/2020	7	440	435	284
10/20/2020	8	500	435	314
10/20/2020	9	590	435	346
10/20/2020	10	647	460	367
10/20/2020	11	647	460	380
10/20/2020	12	520	460	373
10/20/2020	13	589	460	375
10/20/2020	14	647	460	387
10/20/2020	15	647	460	383
10/20/2020	16	647	460	375
10/20/2020	17	520	460	355
10/20/2020	18	573	460	362
10/20/2020	19	580	460	356
10/20/2020	20	590	460	353
10/20/2020	21	568	460	348
10/20/2020	22	540	460	337
10/20/2020	23	540	460	322
10/20/2020	24	460	450	307
10/21/2020	1	570	435	290
10/21/2020	2	530	435	283
10/21/2020	3	520	435	282
10/21/2020	4	460	435	269
10/21/2020	5	435	420	266
10/21/2020	6	457	435	269
10/21/2020	7	440	435	274
10/21/2020	8	500	435	302
10/21/2020	9	550	435	326
10/21/2020	10	580	435	342
10/21/2020	11	590	435	355
10/21/2020	12	510	435	346
10/21/2020	13	550	435	345
10/21/2020	14	590	435	360
10/21/2020	15	570	435	352
10/21/2020	16	550	435	342
10/21/2020	17	500	435	328
10/21/2020	18	480	435	329

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/21/2020	19	550	435	327
10/21/2020	20	570	435	324
10/21/2020	21	550	435	324
10/21/2020	22	540	435	319
10/21/2020	23	475	435	306
10/21/2020	24	435	420	293
10/22/2020	1	569	435	292
10/22/2020	2	530	435	279
10/22/2020	3	520	435	270
10/22/2020	4	460	435	266
10/22/2020	5	435	420	267
10/22/2020	6	457	435	272
10/22/2020	7	440	435	280
10/22/2020	8	560	435	313
10/22/2020	9	572	435	342
10/22/2020	10	577	435	363
10/22/2020	11	580	435	370
10/22/2020	12	510	435	361
10/22/2020	13	550	435	358
10/22/2020	14	570	435	364
10/22/2020	15	535	435	358
10/22/2020	16	537	435	351
10/22/2020	17	499	435	337
10/22/2020	18	550	435	343
10/22/2020	19	550	435	338
10/22/2020	20	570	435	335
10/22/2020	21	550	435	333
10/22/2020	22	512	435	327
10/22/2020	23	475	435	310
10/22/2020	24	435	420	300
10/23/2020	1	647	435	304
10/23/2020	2	624	435	293
10/23/2020	3	525	435	282
10/23/2020	4	460	435	279
10/23/2020	5	435	420	278
10/23/2020	6	457	435	283
10/23/2020	7	440	435	295
10/23/2020	8	560	435	328
10/23/2020	9	572	435	338
10/23/2020	10	577	435	359
10/23/2020	11	590	435	376
10/23/2020	12	557	435	372
10/23/2020	13	608	435	374
10/23/2020	14	647	460	383
10/23/2020	15	647	460	379
10/23/2020	16	647	460	368
10/23/2020	17	550	435	350
10/23/2020	18	580	435	357
10/23/2020	19	625	435	348
10/23/2020	20	570	435	344
10/23/2020	21	550	435	345
10/23/2020	22	505	435	336
10/23/2020	23	558	435	326
10/23/2020	24	508	435	314
10/24/2020	1	647	435	289
10/24/2020	2	624	435	274
10/24/2020	3	525	435	264
10/24/2020	4	460	435	256
10/24/2020	5	435	420	256
10/24/2020	6	457	435	252
10/24/2020	7	440	435	264
10/24/2020	8	560	435	272
10/24/2020	9	572	435	292
10/24/2020	10	577	435	301
10/24/2020	11	590	435	315

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/24/2020	12	557	435	314
10/24/2020	13	608	435	321
10/24/2020	14	647	460	325
10/24/2020	15	647	460	323
10/24/2020	16	647	460	310
10/24/2020	17	550	435	289
10/24/2020	18	580	435	287
10/24/2020	19	625	435	308
10/24/2020	20	570	435	315
10/24/2020	21	550	435	321
10/24/2020	22	505	435	318
10/24/2020	23	558	435	312
10/24/2020	24	508	435	300
10/25/2020	1	580	435	279
10/25/2020	2	550	435	264
10/25/2020	3	484	435	254
10/25/2020	4	450	435	246
10/25/2020	5	452	435	246
10/25/2020	6	435	427	240
10/25/2020	7	460	440	244
10/25/2020	8	482	460	248
10/25/2020	9	540	460	256
10/25/2020	10	550	460	262
10/25/2020	11	570	460	276
10/25/2020	12	496	460	275
10/25/2020	13	547	460	282
10/25/2020	14	590	460	286
10/25/2020	15	583	460	284
10/25/2020	16	550	460	271
10/25/2020	17	460	435	250
10/25/2020	18	460	435	248
10/25/2020	19	539	460	269
10/25/2020	20	546	435	276
10/25/2020	21	550	435	282
10/25/2020	22	560	435	279
10/25/2020	23	580	435	273
10/25/2020	24	482	435	260
10/26/2020	1	450	435	257
10/26/2020	2	440	435	245
10/26/2020	3	435	334	236
10/26/2020	4	435	250	229
10/26/2020	5	435	250	224
10/26/2020	6	435	275	224
10/26/2020	7	460	435	224
10/26/2020	8	460	435	228
10/26/2020	9	460	435	237
10/26/2020	10	460	435	244
10/26/2020	11	460	435	257
10/26/2020	12	460	435	257
10/26/2020	13	460	435	263
10/26/2020	14	460	435	267
10/26/2020	15	460	435	266
10/26/2020	16	460	435	253
10/26/2020	17	460	274	231
10/26/2020	18	460	266	229
10/26/2020	19	460	446	251
10/26/2020	20	435	420	257
10/26/2020	21	435	428	264
10/26/2020	22	540	435	261
10/26/2020	23	520	435	255
10/26/2020	24	438	435	242
10/27/2020	1	502	435	264
10/27/2020	2	480	435	256
10/27/2020	3	470	435	254
10/27/2020	4	435	420	249

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/27/2020	5	500	435	254
10/27/2020	6	500	435	257
10/27/2020	7	460	457	260
10/27/2020	8	500	460	291
10/27/2020	9	580	460	314
10/27/2020	10	647	460	327
10/27/2020	11	647	460	334
10/27/2020	12	569	460	321
10/27/2020	13	500	460	314
10/27/2020	14	570	460	319
10/27/2020	15	550	460	315
10/27/2020	16	540	460	311
10/27/2020	17	520	460	304
10/27/2020	18	535	460	309
10/27/2020	19	460	450	298
10/27/2020	20	460	440	290
10/27/2020	21	460	450	285
10/27/2020	22	460	435	277
10/27/2020	23	469	460	269
10/27/2020	24	460	450	262
10/28/2020	1	647	435	275
10/28/2020	2	647	435	265
10/28/2020	3	607	435	257
10/28/2020	4	524	435	254
10/28/2020	5	497	435	253
10/28/2020	6	600	435	256
10/28/2020	7	520	460	261
10/28/2020	8	550	460	282
10/28/2020	9	598	460	299
10/28/2020	10	647	460	317
10/28/2020	11	647	460	326
10/28/2020	12	600	460	316
10/28/2020	13	560	460	312
10/28/2020	14	590	460	318
10/28/2020	15	570	460	314
10/28/2020	16	550	460	311
10/28/2020	17	520	460	306
10/28/2020	18	518	460	306
10/28/2020	19	503	460	299
10/28/2020	20	460	460	293
10/28/2020	21	480	460	286
10/28/2020	22	460	460	281
10/28/2020	23	482	460	268
10/28/2020	24	460	440	257
10/29/2020	1	647	435	304
10/29/2020	2	647	435	283
10/29/2020	3	607	435	275
10/29/2020	4	524	435	272
10/29/2020	5	497	435	273
10/29/2020	6	600	435	277
10/29/2020	7	520	460	294
10/29/2020	8	550	460	323
10/29/2020	9	598	460	351
10/29/2020	10	647	460	371
10/29/2020	11	647	460	379
10/29/2020	12	600	460	373
10/29/2020	13	560	460	370
10/29/2020	14	590	460	378
10/29/2020	15	570	460	373
10/29/2020	16	550	460	366
10/29/2020	17	520	460	352
10/29/2020	18	518	460	361
10/29/2020	19	503	460	355
10/29/2020	20	460	460	350
10/29/2020	21	480	460	347

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/29/2020	22	460	460	337
10/29/2020	23	482	460	321
10/29/2020	24	460	440	309
10/30/2020	1	647	460	302
10/30/2020	2	580	435	283
10/30/2020	3	520	435	274
10/30/2020	4	500	435	271
10/30/2020	5	460	435	272
10/30/2020	6	460	440	277
10/30/2020	7	521	460	294
10/30/2020	8	647	460	323
10/30/2020	9	647	460	353
10/30/2020	10	647	460	373
10/30/2020	11	647	460	381
10/30/2020	12	647	460	375
10/30/2020	13	647	460	372
10/30/2020	14	647	460	380
10/30/2020	15	647	460	375
10/30/2020	16	647	460	368
10/30/2020	17	647	460	354
10/30/2020	18	647	460	363
10/30/2020	19	647	460	357
10/30/2020	20	647	460	352
10/30/2020	21	647	460	349
10/30/2020	22	647	460	339
10/30/2020	23	647	460	324
10/30/2020	24	647	460	311
10/31/2020	1	590	460	291
10/31/2020	2	570	435	284
10/31/2020	3	550	435	275
10/31/2020	4	540	435	267
10/31/2020	5	461	435	264
10/31/2020	6	440	435	258
10/31/2020	7	444	435	260
10/31/2020	8	486	435	280
10/31/2020	9	536	435	297
10/31/2020	10	570	435	318
10/31/2020	11	580	435	330
10/31/2020	12	560	435	325
10/31/2020	13	580	435	328
10/31/2020	14	590	435	334
10/31/2020	15	570	435	323
10/31/2020	16	510	435	311
10/31/2020	17	500	420	298
10/31/2020	18	510	420	305
10/31/2020	19	562	435	314
10/31/2020	20	580	435	315
10/31/2020	21	590	435	319
10/31/2020	22	592	435	314
10/31/2020	23	590	435	305
10/31/2020	24	580	435	293
11/01/2020	1	580	435	278
11/01/2020	2	524	435	264
11/01/2020	3	510	435	254
11/01/2020	4	500	435	246
11/01/2020	5	461	435	245
11/01/2020	6	440	435	240
11/01/2020	7	440	435	244
11/01/2020	8	486	435	248
11/01/2020	9	490	435	252
11/01/2020	10	500	435	259
11/01/2020	11	560	435	272
11/01/2020	12	550	435	272
11/01/2020	13	580	435	278
11/01/2020	14	599	435	282

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/01/2020	15	570	435	281
11/01/2020	16	510	435	268
11/01/2020	17	462	420	246
11/01/2020	18	458	420	244
11/01/2020	19	562	435	266
11/01/2020	20	580	435	272
11/01/2020	21	590	435	279
11/01/2020	22	592	435	276
11/01/2020	23	590	435	270
11/01/2020	24	529	435	257
11/02/2020	1	590	435	276
11/02/2020	2	558	435	263
11/02/2020	3	510	435	253
11/02/2020	4	490	435	245
11/02/2020	5	466	435	244
11/02/2020	6	435	414	240
11/02/2020	7	435	410	244
11/02/2020	8	435	420	249
11/02/2020	9	466	435	249
11/02/2020	10	480	435	256
11/02/2020	11	500	435	269
11/02/2020	12	480	435	269
11/02/2020	13	516	435	275
11/02/2020	14	520	435	279
11/02/2020	15	529	435	278
11/02/2020	16	500	435	265
11/02/2020	17	413	250	243
11/02/2020	18	403	250	242
11/02/2020	19	550	435	263
11/02/2020	20	580	435	269
11/02/2020	21	551	435	276
11/02/2020	22	573	435	273
11/02/2020	23	580	435	267
11/02/2020	24	496	435	254
11/03/2020	1	590	435	284
11/03/2020	2	558	435	271
11/03/2020	3	510	435	262
11/03/2020	4	490	435	258
11/03/2020	5	466	435	259
11/03/2020	6	435	414	264
11/03/2020	7	435	410	272
11/03/2020	8	435	420	305
11/03/2020	9	466	435	333
11/03/2020	10	480	435	354
11/03/2020	11	500	435	360
11/03/2020	12	480	435	352
11/03/2020	13	516	435	348
11/03/2020	14	520	435	355
11/03/2020	15	529	435	348
11/03/2020	16	500	435	342
11/03/2020	17	413	250	327
11/03/2020	18	403	250	333
11/03/2020	19	550	435	328
11/03/2020	20	580	435	325
11/03/2020	21	551	435	323
11/03/2020	22	573	435	317
11/03/2020	23	580	435	300
11/03/2020	24	496	435	290
11/04/2020	1	647	435	297
11/04/2020	2	580	435	277
11/04/2020	3	550	435	269
11/04/2020	4	500	435	266
11/04/2020	5	490	435	265
11/04/2020	6	520	435	269
11/04/2020	7	547	435	277

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/04/2020	8	540	435	312
11/04/2020	9	547	435	342
11/04/2020	10	618	435	365
11/04/2020	11	647	435	375
11/04/2020	12	618	435	370
11/04/2020	13	557	460	369
11/04/2020	14	647	460	379
11/04/2020	15	647	460	374
11/04/2020	16	607	435	364
11/04/2020	17	562	435	348
11/04/2020	18	590	435	356
11/04/2020	19	520	435	347
11/04/2020	20	500	435	343
11/04/2020	21	552	435	341
11/04/2020	22	533	435	334
11/04/2020	23	530	435	329
11/04/2020	24	500	435	319
11/05/2020	1	647	435	297
11/05/2020	2	580	435	277
11/05/2020	3	550	435	269
11/05/2020	4	500	435	266
11/05/2020	5	490	435	265
11/05/2020	6	520	435	269
11/05/2020	7	547	435	277
11/05/2020	8	540	435	312
11/05/2020	9	547	435	342
11/05/2020	10	618	435	365
11/05/2020	11	647	435	375
11/05/2020	12	618	435	370
11/05/2020	13	557	460	369
11/05/2020	14	647	460	379
11/05/2020	15	647	460	374
11/05/2020	16	607	435	364
11/05/2020	17	562	435	348
11/05/2020	18	590	435	356
11/05/2020	19	520	435	347
11/05/2020	20	500	435	343
11/05/2020	21	552	435	341
11/05/2020	22	533	435	334
11/05/2020	23	530	435	329
11/05/2020	24	500	435	319
11/06/2020	1	581	435	283
11/06/2020	2	560	435	268
11/06/2020	3	520	435	258
11/06/2020	4	490	435	250
11/06/2020	5	481	435	250
11/06/2020	6	501	435	244
11/06/2020	7	470	435	248
11/06/2020	8	490	435	252
11/06/2020	9	500	435	267
11/06/2020	10	520	435	274
11/06/2020	11	585	435	287
11/06/2020	12	534	435	286
11/06/2020	13	520	435	293
11/06/2020	14	582	435	297
11/06/2020	15	544	435	295
11/06/2020	16	520	435	282
11/06/2020	17	490	435	261
11/06/2020	18	500	435	259
11/06/2020	19	516	435	280
11/06/2020	20	500	435	287
11/06/2020	21	552	435	293
11/06/2020	22	528	435	290
11/06/2020	23	510	435	284
11/06/2020	24	480	435	272

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/07/2020	1	647	435	293
11/07/2020	2	600	435	285
11/07/2020	3	583	435	275
11/07/2020	4	550	435	269
11/07/2020	5	580	435	264
11/07/2020	6	530	435	262
11/07/2020	7	538	435	264
11/07/2020	8	531	435	285
11/07/2020	9	531	435	302
11/07/2020	10	633	435	322
11/07/2020	11	647	435	332
11/07/2020	12	531	435	328
11/07/2020	13	529	435	326
11/07/2020	14	575	435	331
11/07/2020	15	572	435	329
11/07/2020	16	528	435	318
11/07/2020	17	529	435	308
11/07/2020	18	647	435	329
11/07/2020	19	647	435	323
11/07/2020	20	610	435	318
11/07/2020	21	647	435	317
11/07/2020	22	578	435	309
11/07/2020	23	480	435	299
11/07/2020	24	439	435	287
11/08/2020	1	581	435	283
11/08/2020	2	560	435	268
11/08/2020	3	520	435	258
11/08/2020	4	490	435	250
11/08/2020	5	481	435	250
11/08/2020	6	501	435	244
11/08/2020	7	470	435	248
11/08/2020	8	490	435	252
11/08/2020	9	500	435	267
11/08/2020	10	520	435	274
11/08/2020	11	585	435	287
11/08/2020	12	534	435	286
11/08/2020	13	520	435	293
11/08/2020	14	582	435	297
11/08/2020	15	544	435	295
11/08/2020	16	520	435	282
11/08/2020	17	490	435	261
11/08/2020	18	500	435	259
11/08/2020	19	516	435	280
11/08/2020	20	500	435	287
11/08/2020	21	552	435	293
11/08/2020	22	528	435	290
11/08/2020	23	510	435	284
11/08/2020	24	480	435	272
11/09/2020	1	570	435	285
11/09/2020	2	540	435	265
11/09/2020	3	510	435	257
11/09/2020	4	480	435	254
11/09/2020	5	470	435	253
11/09/2020	6	500	435	257
11/09/2020	7	440	435	265
11/09/2020	8	490	435	300
11/09/2020	9	500	435	332
11/09/2020	10	520	435	354
11/09/2020	11	570	435	365
11/09/2020	12	520	435	359
11/09/2020	13	510	435	359
11/09/2020	14	580	435	368
11/09/2020	15	540	435	364
11/09/2020	16	520	435	353
11/09/2020	17	490	435	337

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/09/2020	18	500	435	345
11/09/2020	19	516	435	337
11/09/2020	20	500	435	333
11/09/2020	21	552	435	330
11/09/2020	22	528	435	323
11/09/2020	23	510	435	319
11/09/2020	24	480	435	308
11/10/2020	1	576	435	286
11/10/2020	2	530	435	277
11/10/2020	3	490	435	268
11/10/2020	4	480	435	263
11/10/2020	5	470	435	263
11/10/2020	6	500	435	280
11/10/2020	7	440	435	292
11/10/2020	8	580	435	317
11/10/2020	9	602	435	341
11/10/2020	10	647	435	356
11/10/2020	11	647	435	363
11/10/2020	12	507	435	349
11/10/2020	13	500	435	342
11/10/2020	14	556	435	347
11/10/2020	15	550	435	343
11/10/2020	16	492	435	338
11/10/2020	17	500	435	331
11/10/2020	18	508	435	336
11/10/2020	19	500	435	324
11/10/2020	20	490	435	316
11/10/2020	21	474	435	311
11/10/2020	22	470	435	301
11/10/2020	23	460	435	293
11/10/2020	24	436	435	285
11/11/2020	1	600	435	293
11/11/2020	2	540	435	282
11/11/2020	3	510	435	275
11/11/2020	4	500	435	271
11/11/2020	5	490	435	271
11/11/2020	6	520	435	274
11/11/2020	7	543	435	287
11/11/2020	8	550	435	318
11/11/2020	9	602	435	346
11/11/2020	10	647	435	366
11/11/2020	11	647	460	380
11/11/2020	12	580	460	373
11/11/2020	13	591	460	374
11/11/2020	14	647	460	383
11/11/2020	15	647	460	377
11/11/2020	16	647	460	366
11/11/2020	17	581	435	349
11/11/2020	18	590	435	354
11/11/2020	19	570	435	343
11/11/2020	20	510	435	339
11/11/2020	21	580	435	336
11/11/2020	22	550	435	326
11/11/2020	23	530	435	315
11/11/2020	24	500	435	301
11/12/2020	1	256	240	157
11/12/2020	2	240	240	153
11/12/2020	3	240	240	148
11/12/2020	4	240	240	145
11/12/2020	5	240	240	144
11/12/2020	6	240	240	147
11/12/2020	7	250	240	155
11/12/2020	8	250	240	168
11/12/2020	9	320	263	185
11/12/2020	10	320	300	195

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/12/2020	11	320	300	202
11/12/2020	12	320	308	201
11/12/2020	13	335	320	201
11/12/2020	14	352	320	207
11/12/2020	15	352	320	205
11/12/2020	16	352	320	200
11/12/2020	17	320	300	188
11/12/2020	18	320	316	194
11/12/2020	19	320	316	190
11/12/2020	20	320	316	187
11/12/2020	21	320	300	186
11/12/2020	22	320	300	181
11/12/2020	23	320	300	176
11/12/2020	24	320	240	167
11/13/2020	1	256	240	157
11/13/2020	2	240	240	153
11/13/2020	3	240	240	148
11/13/2020	4	240	240	145
11/13/2020	5	240	240	144
11/13/2020	6	240	240	147
11/13/2020	7	250	240	155
11/13/2020	8	250	240	168
11/13/2020	9	320	263	185
11/13/2020	10	320	300	195
11/13/2020	11	320	300	202
11/13/2020	12	320	308	201
11/13/2020	13	335	320	201
11/13/2020	14	352	320	207
11/13/2020	15	352	320	205
11/13/2020	16	352	320	200
11/13/2020	17	320	300	188
11/13/2020	18	320	316	194
11/13/2020	19	320	316	190
11/13/2020	20	320	316	187
11/13/2020	21	320	300	186
11/13/2020	22	320	300	181
11/13/2020	23	320	300	176
11/13/2020	24	320	240	167
11/14/2020	1	435	320	250
11/14/2020	2	435	320	243
11/14/2020	3	435	320	235
11/14/2020	4	435	240	230
11/14/2020	5	313	240	226
11/14/2020	6	313	240	225
11/14/2020	7	413	240	227
11/14/2020	8	413	240	243
11/14/2020	9	435	250	259
11/14/2020	10	435	280	277
11/14/2020	11	435	320	286
11/14/2020	12	435	320	281
11/14/2020	13	435	320	278
11/14/2020	14	435	320	283
11/14/2020	15	435	320	279
11/14/2020	16	435	320	270
11/14/2020	17	435	320	261
11/14/2020	18	435	320	278
11/14/2020	19	435	320	273
11/14/2020	20	435	320	270
11/14/2020	21	435	320	268
11/14/2020	22	435	320	264
11/14/2020	23	435	320	251
11/14/2020	24	435	320	241
11/15/2020	1	435	305	276
11/15/2020	2	435	250	264
11/15/2020	3	435	242	254

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/15/2020	4	435	253	246
11/15/2020	5	435	240	245
11/15/2020	6	435	231	240
11/15/2020	7	435	250	244
11/15/2020	8	435	250	248
11/15/2020	9	435	320	256
11/15/2020	10	435	320	263
11/15/2020	11	435	320	276
11/15/2020	12	435	320	276
11/15/2020	13	435	320	282
11/15/2020	14	435	320	286
11/15/2020	15	435	320	285
11/15/2020	16	435	320	272
11/15/2020	17	435	320	250
11/15/2020	18	435	320	249
11/15/2020	19	435	320	270
11/15/2020	20	435	320	276
11/15/2020	21	435	320	283
11/15/2020	22	435	320	280
11/15/2020	23	435	320	274
11/15/2020	24	435	320	261
11/16/2020	1	435	352	276
11/16/2020	2	435	320	256
11/16/2020	3	435	320	247
11/16/2020	4	435	320	245
11/16/2020	5	435	320	244
11/16/2020	6	435	320	249
11/16/2020	7	435	320	261
11/16/2020	8	435	352	284
11/16/2020	9	435	352	306
11/16/2020	10	435	420	328
11/16/2020	11	435	420	342
11/16/2020	12	435	420	335
11/16/2020	13	435	420	334
11/16/2020	14	435	420	344
11/16/2020	15	435	420	340
11/16/2020	16	435	420	333
11/16/2020	17	435	420	315
11/16/2020	18	435	420	323
11/16/2020	19	435	420	316
11/16/2020	20	435	420	312
11/16/2020	21	435	420	311
11/16/2020	22	435	420	301
11/16/2020	23	435	420	290
11/16/2020	24	435	420	277
11/17/2020	1	588	435	300
11/17/2020	2	564	435	289
11/17/2020	3	510	435	280
11/17/2020	4	500	435	276
11/17/2020	5	490	435	276
11/17/2020	6	500	435	279
11/17/2020	7	449	435	269
11/17/2020	8	550	435	325
11/17/2020	9	570	435	355
11/17/2020	10	584	435	376
11/17/2020	11	647	435	386
11/17/2020	12	550	435	375
11/17/2020	13	570	435	376
11/17/2020	14	647	435	385
11/17/2020	15	647	435	384
11/17/2020	16	540	435	375
11/17/2020	17	500	435	356
11/17/2020	18	600	435	370
11/17/2020	19	579	435	356
11/17/2020	20	531	435	350

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/17/2020	21	570	435	345
11/17/2020	22	480	435	336
11/17/2020	23	470	435	323
11/17/2020	24	450	435	309
11/18/2020	1	571	435	295
11/18/2020	2	491	435	285
11/18/2020	3	480	435	278
11/18/2020	4	477	435	274
11/18/2020	5	481	435	271
11/18/2020	6	521	435	275
11/18/2020	7	520	435	286
11/18/2020	8	550	435	314
11/18/2020	9	565	435	340
11/18/2020	10	580	435	360
11/18/2020	11	602	435	376
11/18/2020	12	550	435	370
11/18/2020	13	530	435	365
11/18/2020	14	647	435	379
11/18/2020	15	590	435	377
11/18/2020	16	570	435	374
11/18/2020	17	500	435	351
11/18/2020	18	536	435	360
11/18/2020	19	563	435	350
11/18/2020	20	475	435	346
11/18/2020	21	515	435	344
11/18/2020	22	480	435	335
11/18/2020	23	470	435	323
11/18/2020	24	450	435	308
11/19/2020	1	590	435	299
11/19/2020	2	550	435	288
11/19/2020	3	500	435	281
11/19/2020	4	480	435	278
11/19/2020	5	506	435	282
11/19/2020	6	487	435	279
11/19/2020	7	550	435	289
11/19/2020	8	560	435	318
11/19/2020	9	565	435	351
11/19/2020	10	618	435	369
11/19/2020	11	647	435	388
11/19/2020	12	608	435	372
11/19/2020	13	547	435	370
11/19/2020	14	598	435	381
11/19/2020	15	570	435	377
11/19/2020	16	562	435	375
11/19/2020	17	530	435	369
11/19/2020	18	640	435	380
11/19/2020	19	522	435	368
11/19/2020	20	520	435	359
11/19/2020	21	510	435	354
11/19/2020	22	500	435	338
11/19/2020	23	470	435	321
11/19/2020	24	450	435	303
11/20/2020	1	600	435	304
11/20/2020	2	560	435	294
11/20/2020	3	520	435	285
11/20/2020	4	500	435	279
11/20/2020	5	485	435	276
11/20/2020	6	479	435	272
11/20/2020	7	560	435	289
11/20/2020	8	570	435	324
11/20/2020	9	647	435	355
11/20/2020	10	647	435	376
11/20/2020	11	647	435	389
11/20/2020	12	547	435	383
11/20/2020	13	548	435	385

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/20/2020	14	647	435	397
11/20/2020	15	647	435	393
11/20/2020	16	647	435	383
11/20/2020	17	530	435	361
11/20/2020	18	647	435	371
11/20/2020	19	544	435	361
11/20/2020	20	569	435	355
11/20/2020	21	570	435	353
11/20/2020	22	543	435	345
11/20/2020	23	525	435	334
11/20/2020	24	462	435	320
11/21/2020	1	450	435	303
11/21/2020	2	435	389	294
11/21/2020	3	435	387	285
11/21/2020	4	435	320	279
11/21/2020	5	435	320	274
11/21/2020	6	435	352	279
11/21/2020	7	450	435	289
11/21/2020	8	456	435	294
11/21/2020	9	556	435	313
11/21/2020	10	647	435	335
11/21/2020	11	647	435	346
11/21/2020	12	647	435	340
11/21/2020	13	556	435	337
11/21/2020	14	647	435	341
11/21/2020	15	647	435	337
11/21/2020	16	596	435	327
11/21/2020	17	557	435	316
11/21/2020	18	554	435	336
11/21/2020	19	456	435	330
11/21/2020	20	556	435	327
11/21/2020	21	556	435	324
11/21/2020	22	600	435	320
11/21/2020	23	490	435	305
11/21/2020	24	462	435	292
11/22/2020	1	570	435	285
11/22/2020	2	520	435	277
11/22/2020	3	500	435	267
11/22/2020	4	480	435	261
11/22/2020	5	470	435	256
11/22/2020	6	450	435	254
11/22/2020	7	435	420	252
11/22/2020	8	462	435	273
11/22/2020	9	520	435	288
11/22/2020	10	540	435	307
11/22/2020	11	560	435	318
11/22/2020	12	530	435	313
11/22/2020	13	520	435	312
11/22/2020	14	590	435	317
11/22/2020	15	580	435	315
11/22/2020	16	540	435	304
11/22/2020	17	520	435	293
11/22/2020	18	580	435	314
11/22/2020	19	520	435	309
11/22/2020	20	500	435	304
11/22/2020	21	510	435	303
11/22/2020	22	500	435	295
11/22/2020	23	480	435	285
11/22/2020	24	435	433	273
11/23/2020	1	580	435	287
11/23/2020	2	524	435	277
11/23/2020	3	500	435	270
11/23/2020	4	470	435	266
11/23/2020	5	460	435	263
11/23/2020	6	450	435	267

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/23/2020	7	435	420	278
11/23/2020	8	500	435	306
11/23/2020	9	530	435	340
11/23/2020	10	540	435	359
11/23/2020	11	560	435	375
11/23/2020	12	530	435	369
11/23/2020	13	520	435	364
11/23/2020	14	590	435	378
11/23/2020	15	580	435	377
11/23/2020	16	540	435	373
11/23/2020	17	520	435	350
11/23/2020	18	580	435	359
11/23/2020	19	520	435	349
11/23/2020	20	497	435	345
11/23/2020	21	550	435	343
11/23/2020	22	500	435	334
11/23/2020	23	480	435	322
11/23/2020	24	435	433	307
11/24/2020	1	590	435	292
11/24/2020	2	520	435	282
11/24/2020	3	500	435	274
11/24/2020	4	480	435	266
11/24/2020	5	490	435	266
11/24/2020	6	500	435	273
11/24/2020	7	510	435	290
11/24/2020	8	550	435	312
11/24/2020	9	560	435	339
11/24/2020	10	580	435	363
11/24/2020	11	560	435	375
11/24/2020	12	530	435	367
11/24/2020	13	520	435	367
11/24/2020	14	647	435	382
11/24/2020	15	591	435	376
11/24/2020	16	550	435	369
11/24/2020	17	520	435	347
11/24/2020	18	560	435	357
11/24/2020	19	530	435	348
11/24/2020	20	463	435	345
11/24/2020	21	503	435	340
11/24/2020	22	500	435	334
11/24/2020	23	470	435	320
11/24/2020	24	435	420	306
11/25/2020	1	580	435	290
11/25/2020	2	545	435	281
11/25/2020	3	492	435	270
11/25/2020	4	476	435	265
11/25/2020	5	459	435	264
11/25/2020	6	538	435	273
11/25/2020	7	550	435	290
11/25/2020	8	550	435	310
11/25/2020	9	570	435	340
11/25/2020	10	580	435	365
11/25/2020	11	590	435	376
11/25/2020	12	530	435	372
11/25/2020	13	520	435	371
11/25/2020	14	647	435	385
11/25/2020	15	647	435	379
11/25/2020	16	542	435	371
11/25/2020	17	520	435	349
11/25/2020	18	560	435	358
11/25/2020	19	520	435	350
11/25/2020	20	460	435	348
11/25/2020	21	588	435	344
11/25/2020	22	510	435	335
11/25/2020	23	480	435	321

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/25/2020	24	450	435	310
11/26/2020	1	580	435	288
11/26/2020	2	545	435	278
11/26/2020	3	492	435	271
11/26/2020	4	476	435	264
11/26/2020	5	459	435	265
11/26/2020	6	541	435	273
11/26/2020	7	545	435	289
11/26/2020	8	530	435	307
11/26/2020	9	630	435	335
11/26/2020	10	638	460	356
11/26/2020	11	647	460	371
11/26/2020	12	530	460	362
11/26/2020	13	535	460	362
11/26/2020	14	647	460	372
11/26/2020	15	632	460	370
11/26/2020	16	572	460	363
11/26/2020	17	540	435	342
11/26/2020	18	647	435	351
11/26/2020	19	600	435	342
11/26/2020	20	476	435	338
11/26/2020	21	550	435	335
11/26/2020	22	510	435	325
11/26/2020	23	480	435	315
11/26/2020	24	450	435	302
11/27/2020	1	596	435	286
11/27/2020	2	545	435	278
11/27/2020	3	492	435	269
11/27/2020	4	470	435	263
11/27/2020	5	450	435	261
11/27/2020	6	520	435	265
11/27/2020	7	530	435	273
11/27/2020	8	530	435	305
11/27/2020	9	647	435	334
11/27/2020	10	647	435	354
11/27/2020	11	647	435	365
11/27/2020	12	552	435	361
11/27/2020	13	595	435	362
11/27/2020	14	647	460	373
11/27/2020	15	647	435	369
11/27/2020	16	574	435	360
11/27/2020	17	540	435	339
11/27/2020	18	637	435	349
11/27/2020	19	550	435	339
11/27/2020	20	476	435	334
11/27/2020	21	487	435	332
11/27/2020	22	532	435	324
11/27/2020	23	476	435	314
11/27/2020	24	450	435	302
11/28/2020	1	435	420	293
11/28/2020	2	435	391	282
11/28/2020	3	496	435	269
11/28/2020	4	556	435	263
11/28/2020	5	563	435	262
11/28/2020	6	506	435	255
11/28/2020	7	435	424	260
11/28/2020	8	435	426	278
11/28/2020	9	435	344	299
11/28/2020	10	435	426	321
11/28/2020	11	456	435	330
11/28/2020	12	456	435	326
11/28/2020	13	456	435	324
11/28/2020	14	456	435	332
11/28/2020	15	456	435	329
11/28/2020	16	456	435	318

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/28/2020	17	435	350	303
11/28/2020	18	456	435	321
11/28/2020	19	456	435	317
11/28/2020	20	435	421	315
11/28/2020	21	456	435	315
11/28/2020	22	516	435	307
11/28/2020	23	449	435	297
11/28/2020	24	435	396	286
11/29/2020	1	570	435	282
11/29/2020	2	520	435	268
11/29/2020	3	490	435	258
11/29/2020	4	470	435	250
11/29/2020	5	450	435	250
11/29/2020	6	470	435	244
11/29/2020	7	470	435	248
11/29/2020	8	500	435	252
11/29/2020	9	510	435	268
11/29/2020	10	550	435	275
11/29/2020	11	542	435	288
11/29/2020	12	529	435	287
11/29/2020	13	539	435	294
11/29/2020	14	590	435	298
11/29/2020	15	560	435	296
11/29/2020	16	540	435	283
11/29/2020	17	470	435	262
11/29/2020	18	517	435	285
11/29/2020	19	500	435	281
11/29/2020	20	536	435	288
11/29/2020	21	583	435	288
11/29/2020	22	515	435	287
11/29/2020	23	462	435	285
11/29/2020	24	443	435	273
11/30/2020	1	450	435	252
11/30/2020	2	444	435	245
11/30/2020	3	435	419	236
11/30/2020	4	435	412	232
11/30/2020	5	421	345	229
11/30/2020	6	358	345	225
11/30/2020	7	345	343	225
11/30/2020	8	435	316	239
11/30/2020	9	435	414	259
11/30/2020	10	442	435	280
11/30/2020	11	456	435	289
11/30/2020	12	456	435	284
11/30/2020	13	456	435	285
11/30/2020	14	456	435	289
11/30/2020	15	456	435	287
11/30/2020	16	450	435	279
11/30/2020	17	450	435	274
11/30/2020	18	545	435	297
11/30/2020	19	528	435	297
11/30/2020	20	435	421	292
11/30/2020	21	500	435	287
11/30/2020	22	467	435	278
11/30/2020	23	449	435	263
11/30/2020	24	435	396	250
12/01/2020	1	585	435	282
12/01/2020	2	536	435	274
12/01/2020	3	490	435	265
12/01/2020	4	470	435	259
12/01/2020	5	450	435	257
12/01/2020	6	470	435	261
12/01/2020	7	470	435	273
12/01/2020	8	505	435	305
12/01/2020	9	510	435	332

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/01/2020	10	581	460	352
12/01/2020	11	629	460	364
12/01/2020	12	634	460	359
12/01/2020	13	623	460	361
12/01/2020	14	647	460	371
12/01/2020	15	647	460	368
12/01/2020	16	647	460	358
12/01/2020	17	550	435	337
12/01/2020	18	577	435	347
12/01/2020	19	500	435	338
12/01/2020	20	536	435	332
12/01/2020	21	607	435	330
12/01/2020	22	515	435	322
12/01/2020	23	462	435	313
12/01/2020	24	450	435	300
12/02/2020	1	560	435	277
12/02/2020	2	510	435	266
12/02/2020	3	470	435	257
12/02/2020	4	437	435	254
12/02/2020	5	435	430	255
12/02/2020	6	450	435	260
12/02/2020	7	460	435	263
12/02/2020	8	490	435	294
12/02/2020	9	510	435	319
12/02/2020	10	540	435	341
12/02/2020	11	550	435	353
12/02/2020	12	540	435	346
12/02/2020	13	510	435	345
12/02/2020	14	573	435	355
12/02/2020	15	550	435	351
12/02/2020	16	557	435	343
12/02/2020	17	509	435	327
12/02/2020	18	566	435	337
12/02/2020	19	551	435	329
12/02/2020	20	521	435	325
12/02/2020	21	544	435	319
12/02/2020	22	527	435	310
12/02/2020	23	445	435	296
12/02/2020	24	440	435	281
12/03/2020	1	560	435	274
12/03/2020	2	510	435	266
12/03/2020	3	470	435	258
12/03/2020	4	435	424	253
12/03/2020	5	435	424	253
12/03/2020	6	450	435	256
12/03/2020	7	460	435	272
12/03/2020	8	490	435	295
12/03/2020	9	510	435	324
12/03/2020	10	540	435	343
12/03/2020	11	609	435	358
12/03/2020	12	550	435	349
12/03/2020	13	510	435	349
12/03/2020	14	572	435	359
12/03/2020	15	570	435	356
12/03/2020	16	557	435	348
12/03/2020	17	500	435	334
12/03/2020	18	595	435	342
12/03/2020	19	550	435	335
12/03/2020	20	534	435	332
12/03/2020	21	530	435	329
12/03/2020	22	527	435	321
12/03/2020	23	506	435	309
12/03/2020	24	440	435	298
12/04/2020	1	647	435	304
12/04/2020	2	586	435	293

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/04/2020	3	540	435	283
12/04/2020	4	500	435	277
12/04/2020	5	480	435	276
12/04/2020	6	490	435	280
12/04/2020	7	520	435	291
12/04/2020	8	580	435	316
12/04/2020	9	647	435	346
12/04/2020	10	647	435	362
12/04/2020	11	647	435	372
12/04/2020	12	580	435	363
12/04/2020	13	590	460	366
12/04/2020	14	647	460	378
12/04/2020	15	647	460	371
12/04/2020	16	647	435	361
12/04/2020	17	647	435	349
12/04/2020	18	647	435	360
12/04/2020	19	580	435	350
12/04/2020	20	550	435	344
12/04/2020	21	558	435	340
12/04/2020	22	558	435	328
12/04/2020	23	510	435	316
12/04/2020	24	477	435	305
12/05/2020	1	557	435	287
12/05/2020	2	523	435	279
12/05/2020	3	552	435	274
12/05/2020	4	550	435	267
12/05/2020	5	500	435	267
12/05/2020	6	435	409	267
12/05/2020	7	435	400	282
12/05/2020	8	436	435	287
12/05/2020	9	555	435	308
12/05/2020	10	563	435	327
12/05/2020	11	567	435	338
12/05/2020	12	547	435	330
12/05/2020	13	552	435	329
12/05/2020	14	553	435	337
12/05/2020	15	549	435	333
12/05/2020	16	550	435	328
12/05/2020	17	435	433	317
12/05/2020	18	647	435	340
12/05/2020	19	639	435	334
12/05/2020	20	614	435	333
12/05/2020	21	647	460	330
12/05/2020	22	601	435	318
12/05/2020	23	567	435	307
12/05/2020	24	554	435	297
12/06/2020	1	592	420	282
12/06/2020	2	540	420	268
12/06/2020	3	510	420	258
12/06/2020	4	490	420	250
12/06/2020	5	450	420	250
12/06/2020	6	420	420	244
12/06/2020	7	470	420	248
12/06/2020	8	494	420	252
12/06/2020	9	538	420	274
12/06/2020	10	560	435	289
12/06/2020	11	568	435	302
12/06/2020	12	560	435	302
12/06/2020	13	550	435	308
12/06/2020	14	590	435	312
12/06/2020	15	570	435	311
12/06/2020	16	550	435	298
12/06/2020	17	500	435	284
12/06/2020	18	570	435	304
12/06/2020	19	560	435	300

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/06/2020	20	590	435	306
12/06/2020	21	577	435	302
12/06/2020	22	560	435	301
12/06/2020	23	540	435	296
12/06/2020	24	490	435	287
12/07/2020	1	580	435	274
12/07/2020	2	530	435	266
12/07/2020	3	500	435	258
12/07/2020	4	479	435	253
12/07/2020	5	440	435	253
12/07/2020	6	435	420	257
12/07/2020	7	450	435	272
12/07/2020	8	494	435	295
12/07/2020	9	510	435	329
12/07/2020	10	558	460	349
12/07/2020	11	647	460	363
12/07/2020	12	647	460	354
12/07/2020	13	647	460	354
12/07/2020	14	647	460	364
12/07/2020	15	647	460	361
12/07/2020	16	647	460	353
12/07/2020	17	550	460	339
12/07/2020	18	647	460	347
12/07/2020	19	590	460	340
12/07/2020	20	550	460	337
12/07/2020	21	615	460	334
12/07/2020	22	580	460	326
12/07/2020	23	549	460	314
12/07/2020	24	500	460	303
12/08/2020	1	590	435	289
12/08/2020	2	550	435	280
12/08/2020	3	530	435	273
12/08/2020	4	500	435	266
12/08/2020	5	470	435	258
12/08/2020	6	450	435	256
12/08/2020	7	435	421	253
12/08/2020	8	470	435	264
12/08/2020	9	563	435	278
12/08/2020	10	581	435	296
12/08/2020	11	590	435	309
12/08/2020	12	553	435	307
12/08/2020	13	507	435	308
12/08/2020	14	590	435	312
12/08/2020	15	580	435	308
12/08/2020	16	570	435	304
12/08/2020	17	530	435	301
12/08/2020	18	580	435	331
12/08/2020	19	590	435	332
12/08/2020	20	600	435	332
12/08/2020	21	570	435	328
12/08/2020	22	550	435	320
12/08/2020	23	520	435	306
12/08/2020	24	480	435	293
12/09/2020	1	580	435	274
12/09/2020	2	540	435	266
12/09/2020	3	520	435	258
12/09/2020	4	490	435	254
12/09/2020	5	480	435	253
12/09/2020	6	440	435	257
12/09/2020	7	435	420	272
12/09/2020	8	470	435	295
12/09/2020	9	563	435	330
12/09/2020	10	647	435	349
12/09/2020	11	647	435	359
12/09/2020	12	580	435	353

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/09/2020	13	560	435	351
12/09/2020	14	647	435	361
12/09/2020	15	647	435	358
12/09/2020	16	590	435	351
12/09/2020	17	530	435	338
12/09/2020	18	647	435	348
12/09/2020	19	570	435	343
12/09/2020	20	600	435	339
12/09/2020	21	579	435	336
12/09/2020	22	531	435	326
12/09/2020	23	512	435	314
12/09/2020	24	480	435	301
12/10/2020	1	620	435	302
12/10/2020	2	550	435	284
12/10/2020	3	544	435	276
12/10/2020	4	490	435	271
12/10/2020	5	503	435	272
12/10/2020	6	520	435	276
12/10/2020	7	560	435	281
12/10/2020	8	570	435	306
12/10/2020	9	580	435	335
12/10/2020	10	647	435	355
12/10/2020	11	647	435	369
12/10/2020	12	545	435	360
12/10/2020	13	632	460	370
12/10/2020	14	647	460	383
12/10/2020	15	647	460	380
12/10/2020	16	647	460	375
12/10/2020	17	550	435	347
12/10/2020	18	647	460	357
12/10/2020	19	647	460	351
12/10/2020	20	647	460	348
12/10/2020	21	637	460	344
12/10/2020	22	577	460	334
12/10/2020	23	538	435	321
12/10/2020	24	480	435	314
12/11/2020	1	583	435	276
12/11/2020	2	543	435	267
12/11/2020	3	530	435	258
12/11/2020	4	480	435	255
12/11/2020	5	490	435	255
12/11/2020	6	510	435	259
12/11/2020	7	550	435	267
12/11/2020	8	617	435	297
12/11/2020	9	647	460	327
12/11/2020	10	647	460	346
12/11/2020	11	647	460	358
12/11/2020	12	624	460	354
12/11/2020	13	547	460	354
12/11/2020	14	647	460	365
12/11/2020	15	647	460	362
12/11/2020	16	624	460	355
12/11/2020	17	550	460	336
12/11/2020	18	647	460	346
12/11/2020	19	590	460	338
12/11/2020	20	570	460	335
12/11/2020	21	635	460	333
12/11/2020	22	578	460	323
12/11/2020	23	602	460	311
12/11/2020	24	470	460	296
12/12/2020	1	602	460	301
12/12/2020	2	570	460	291
12/12/2020	3	550	460	283
12/12/2020	4	500	460	277
12/12/2020	5	480	460	275

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/12/2020	6	510	435	273
12/12/2020	7	563	435	271
12/12/2020	8	570	435	291
12/12/2020	9	605	460	312
12/12/2020	10	647	460	335
12/12/2020	11	647	460	346
12/12/2020	12	624	460	341
12/12/2020	13	647	460	344
12/12/2020	14	647	460	343
12/12/2020	15	625	460	338
12/12/2020	16	580	460	328
12/12/2020	17	550	460	319
12/12/2020	18	647	460	332
12/12/2020	19	590	460	326
12/12/2020	20	543	460	324
12/12/2020	21	647	460	322
12/12/2020	22	618	460	321
12/12/2020	23	511	460	304
12/12/2020	24	463	460	292
12/13/2020	1	590	460	278
12/13/2020	2	543	460	264
12/13/2020	3	520	435	254
12/13/2020	4	490	435	250
12/13/2020	5	470	435	250
12/13/2020	6	460	435	244
12/13/2020	7	490	435	248
12/13/2020	8	548	435	252
12/13/2020	9	605	460	285
12/13/2020	10	647	460	300
12/13/2020	11	647	460	313
12/13/2020	12	624	460	313
12/13/2020	13	647	460	319
12/13/2020	14	647	460	323
12/13/2020	15	625	460	321
12/13/2020	16	580	460	309
12/13/2020	17	550	460	299
12/13/2020	18	647	460	319
12/13/2020	19	560	460	314
12/13/2020	20	623	460	317
12/13/2020	21	634	460	309
12/13/2020	22	641	460	300
12/13/2020	23	537	460	292
12/13/2020	24	460	450	282
12/14/2020	1	583	435	290
12/14/2020	2	560	435	280
12/14/2020	3	530	435	272
12/14/2020	4	475	435	268
12/14/2020	5	500	435	268
12/14/2020	6	510	435	272
12/14/2020	7	550	435	281
12/14/2020	8	617	435	306
12/14/2020	9	647	435	332
12/14/2020	10	647	460	349
12/14/2020	11	647	460	360
12/14/2020	12	647	460	355
12/14/2020	13	647	460	353
12/14/2020	14	647	460	361
12/14/2020	15	647	460	357
12/14/2020	16	647	460	352
12/14/2020	17	647	460	338
12/14/2020	18	647	460	354
12/14/2020	19	647	460	348
12/14/2020	20	647	460	343
12/14/2020	21	647	460	339
12/14/2020	22	647	460	328

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/14/2020	23	605	460	315
12/14/2020	24	526	460	303
12/15/2020	1	600	460	295
12/15/2020	2	552	460	284
12/15/2020	3	519	435	275
12/15/2020	4	490	435	267
12/15/2020	5	500	435	267
12/15/2020	6	514	435	271
12/15/2020	7	550	435	282
12/15/2020	8	617	435	311
12/15/2020	9	647	460	338
12/15/2020	10	647	460	358
12/15/2020	11	647	460	371
12/15/2020	12	647	460	365
12/15/2020	13	580	460	364
12/15/2020	14	647	460	374
12/15/2020	15	647	460	368
12/15/2020	16	590	460	358
12/15/2020	17	647	460	340
12/15/2020	18	647	460	349
12/15/2020	19	587	460	339
12/15/2020	20	569	460	335
12/15/2020	21	577	460	329
12/15/2020	22	534	460	318
12/15/2020	23	522	460	309
12/15/2020	24	480	460	294
12/16/2020	1	587	460	290
12/16/2020	2	540	460	278
12/16/2020	3	520	435	271
12/16/2020	4	490	435	269
12/16/2020	5	500	435	276
12/16/2020	6	540	435	285
12/16/2020	7	550	435	285
12/16/2020	8	560	435	299
12/16/2020	9	580	435	336
12/16/2020	10	590	460	357
12/16/2020	11	595	460	364
12/16/2020	12	560	460	355
12/16/2020	13	550	460	352
12/16/2020	14	647	460	371
12/16/2020	15	647	460	366
12/16/2020	16	550	460	363
12/16/2020	17	601	460	350
12/16/2020	18	647	460	352
12/16/2020	19	580	460	354
12/16/2020	20	569	460	348
12/16/2020	21	572	460	339
12/16/2020	22	647	460	316
12/16/2020	23	558	460	301
12/16/2020	24	480	460	290
12/17/2020	1	590	460	293
12/17/2020	2	550	460	283
12/17/2020	3	530	435	275
12/17/2020	4	490	435	269
12/17/2020	5	500	435	271
12/17/2020	6	540	435	274
12/17/2020	7	550	435	286
12/17/2020	8	560	435	308
12/17/2020	9	580	435	333
12/17/2020	10	590	460	347
12/17/2020	11	600	460	355
12/17/2020	12	550	460	347
12/17/2020	13	560	460	342
12/17/2020	14	590	460	350
12/17/2020	15	579	460	347

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/17/2020	16	530	460	344
12/17/2020	17	560	460	336
12/17/2020	18	647	460	350
12/17/2020	19	580	460	341
12/17/2020	20	569	460	334
12/17/2020	21	591	460	328
12/17/2020	22	647	460	314
12/17/2020	23	596	460	302
12/17/2020	24	480	460	290
12/18/2020	1	460	435	283
12/18/2020	2	460	435	272
12/18/2020	3	460	435	264
12/18/2020	4	460	435	260
12/18/2020	5	435	400	258
12/18/2020	6	435	352	254
12/18/2020	7	435	352	260
12/18/2020	8	460	435	284
12/18/2020	9	460	435	308
12/18/2020	10	460	435	328
12/18/2020	11	460	435	344
12/18/2020	12	460	435	342
12/18/2020	13	460	435	341
12/18/2020	14	460	435	351
12/18/2020	15	460	435	347
12/18/2020	16	460	435	338
12/18/2020	17	460	435	326
12/18/2020	18	460	435	351
12/18/2020	19	460	435	349
12/18/2020	20	460	435	348
12/18/2020	21	460	435	344
12/18/2020	22	460	435	336
12/18/2020	23	460	435	328
12/18/2020	24	460	435	311
12/19/2020	1	460	435	283
12/19/2020	2	460	435	272
12/19/2020	3	460	435	264
12/19/2020	4	460	435	260
12/19/2020	5	435	400	258
12/19/2020	6	435	352	254
12/19/2020	7	435	352	260
12/19/2020	8	460	435	284
12/19/2020	9	460	435	308
12/19/2020	10	460	435	328
12/19/2020	11	460	435	344
12/19/2020	12	460	435	342
12/19/2020	13	460	435	341
12/19/2020	14	460	435	351
12/19/2020	15	460	435	347
12/19/2020	16	460	435	338
12/19/2020	17	460	435	326
12/19/2020	18	460	435	351
12/19/2020	19	460	435	349
12/19/2020	20	460	435	348
12/19/2020	21	460	435	344
12/19/2020	22	460	435	336
12/19/2020	23	460	435	328
12/19/2020	24	460	435	311
12/20/2020	1	460	435	282
12/20/2020	2	460	435	268
12/20/2020	3	460	435	258
12/20/2020	4	460	435	250
12/20/2020	5	460	400	249
12/20/2020	6	460	352	244
12/20/2020	7	460	352	248
12/20/2020	8	460	435	252

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/20/2020	9	460	435	267
12/20/2020	10	460	435	282
12/20/2020	11	460	435	295
12/20/2020	12	460	435	294
12/20/2020	13	460	435	301
12/20/2020	14	460	435	305
12/20/2020	15	460	435	303
12/20/2020	16	460	435	290
12/20/2020	17	460	435	277
12/20/2020	18	460	435	305
12/20/2020	19	460	435	303
12/20/2020	20	460	435	302
12/20/2020	21	460	435	293
12/20/2020	22	460	435	289
12/20/2020	23	460	435	285
12/20/2020	24	460	435	281
12/21/2020	1	557	435	269
12/21/2020	2	575	435	261
12/21/2020	3	435	425	253
12/21/2020	4	435	424	248
12/21/2020	5	435	424	249
12/21/2020	6	435	424	253
12/21/2020	7	461	435	263
12/21/2020	8	584	435	290
12/21/2020	9	550	435	315
12/21/2020	10	647	435	333
12/21/2020	11	647	435	345
12/21/2020	12	647	435	339
12/21/2020	13	647	435	339
12/21/2020	14	647	435	349
12/21/2020	15	647	435	345
12/21/2020	16	647	435	339
12/21/2020	17	647	435	324
12/21/2020	18	647	435	334
12/21/2020	19	647	435	328
12/21/2020	20	647	435	323
12/21/2020	21	647	435	318
12/21/2020	22	647	435	308
12/21/2020	23	647	435	296
12/21/2020	24	647	435	283
12/22/2020	1	460	435	267
12/22/2020	2	460	435	258
12/22/2020	3	460	435	250
12/22/2020	4	460	435	244
12/22/2020	5	460	435	244
12/22/2020	6	460	435	248
12/22/2020	7	460	435	251
12/22/2020	8	460	435	282
12/22/2020	9	460	435	309
12/22/2020	10	460	435	328
12/22/2020	11	460	435	340
12/22/2020	12	460	435	334
12/22/2020	13	460	435	334
12/22/2020	14	460	435	344
12/22/2020	15	460	435	338
12/22/2020	16	460	435	329
12/22/2020	17	460	435	311
12/22/2020	18	460	435	321
12/22/2020	19	460	435	316
12/22/2020	20	460	435	309
12/22/2020	21	460	435	304
12/22/2020	22	460	435	296
12/22/2020	23	460	435	286
12/22/2020	24	460	435	273
12/23/2020	1	460	435	271

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/23/2020	2	460	435	262
12/23/2020	3	460	435	254
12/23/2020	4	460	435	248
12/23/2020	5	460	435	248
12/23/2020	6	460	435	248
12/23/2020	7	460	435	255
12/23/2020	8	460	435	282
12/23/2020	9	460	435	308
12/23/2020	10	460	435	325
12/23/2020	11	460	435	338
12/23/2020	12	460	435	332
12/23/2020	13	460	435	329
12/23/2020	14	460	435	339
12/23/2020	15	460	435	334
12/23/2020	16	460	435	326
12/23/2020	17	460	435	310
12/23/2020	18	460	435	320
12/23/2020	19	460	435	314
12/23/2020	20	460	435	310
12/23/2020	21	460	435	306
12/23/2020	22	460	435	296
12/23/2020	23	460	435	285
12/23/2020	24	460	435	276
12/24/2020	1	460	435	274
12/24/2020	2	460	435	260
12/24/2020	3	435	352	250
12/24/2020	4	435	350	242
12/24/2020	5	435	350	241
12/24/2020	6	435	350	236
12/24/2020	7	435	350	240
12/24/2020	8	435	350	244
12/24/2020	9	435	350	255
12/24/2020	10	460	435	269
12/24/2020	11	460	435	283
12/24/2020	12	460	435	282
12/24/2020	13	460	435	289
12/24/2020	14	460	435	293
12/24/2020	15	460	435	291
12/24/2020	16	460	435	278
12/24/2020	17	460	435	265
12/24/2020	18	460	435	293
12/24/2020	19	460	435	291
12/24/2020	20	460	435	290
12/24/2020	21	460	435	281
12/24/2020	22	460	435	276
12/24/2020	23	460	435	272
12/24/2020	24	460	435	269
12/25/2020	1	435	352	232
12/25/2020	2	435	352	227
12/25/2020	3	435	352	223
12/25/2020	4	385	346	218
12/25/2020	5	337	300	211
12/25/2020	6	329	300	209
12/25/2020	7	240	229	208
12/25/2020	8	240	185	204
12/25/2020	9	184	176	208
12/25/2020	10	180	176	211
12/25/2020	11	180	176	220
12/25/2020	12	200	180	229
12/25/2020	13	200	180	231
12/25/2020	14	200	180	229
12/25/2020	15	200	180	227
12/25/2020	16	200	180	228
12/25/2020	17	221	200	229
12/25/2020	18	250	236	235

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/25/2020	19	434	353	258
12/25/2020	20	435	332	260
12/25/2020	21	435	353	257
12/25/2020	22	435	352	252
12/25/2020	23	435	372	244
12/25/2020	24	414	352	232
12/26/2020	1	460	435	250
12/26/2020	2	435	352	244
12/26/2020	3	435	352	234
12/26/2020	4	435	346	226
12/26/2020	5	435	337	225
12/26/2020	6	435	268	220
12/26/2020	7	435	272	224
12/26/2020	8	435	250	228
12/26/2020	9	435	350	250
12/26/2020	10	460	435	265
12/26/2020	11	460	435	278
12/26/2020	12	460	435	278
12/26/2020	13	460	435	284
12/26/2020	14	460	435	288
12/26/2020	15	460	435	287
12/26/2020	16	460	435	274
12/26/2020	17	460	435	260
12/26/2020	18	460	435	288
12/26/2020	19	460	435	287
12/26/2020	20	460	435	285
12/26/2020	21	460	435	276
12/26/2020	22	460	435	272
12/26/2020	23	460	435	260
12/26/2020	24	460	435	253
12/27/2020	1	460	435	248
12/27/2020	2	435	352	242
12/27/2020	3	435	352	232
12/27/2020	4	435	352	226
12/27/2020	5	435	352	224
12/27/2020	6	435	352	218
12/27/2020	7	435	352	222
12/27/2020	8	435	352	228
12/27/2020	9	460	435	259
12/27/2020	10	460	435	273
12/27/2020	11	460	435	287
12/27/2020	12	460	435	286
12/27/2020	13	460	435	293
12/27/2020	14	460	435	297
12/27/2020	15	460	435	295
12/27/2020	16	460	435	282
12/27/2020	17	460	435	269
12/27/2020	18	460	435	296
12/27/2020	19	460	435	295
12/27/2020	20	460	435	294
12/27/2020	21	460	435	285
12/27/2020	22	460	435	280
12/27/2020	23	460	435	268
12/27/2020	24	460	435	261
12/28/2020	1	460	435	258
12/28/2020	2	435	350	250
12/28/2020	3	435	352	243
12/28/2020	4	435	350	235
12/28/2020	5	435	352	244
12/28/2020	6	435	352	243
12/28/2020	7	435	352	247
12/28/2020	8	435	352	271
12/28/2020	9	435	352	297
12/28/2020	10	460	435	316
12/28/2020	11	460	435	331

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/28/2020	12	460	435	327
12/28/2020	13	460	435	317
12/28/2020	14	460	435	319
12/28/2020	15	460	435	330
12/28/2020	16	460	435	326
12/28/2020	17	460	435	320
12/28/2020	18	460	435	307
12/28/2020	19	460	435	316
12/28/2020	20	460	435	308
12/28/2020	21	460	435	303
12/28/2020	22	460	435	299
12/28/2020	23	460	435	287
12/28/2020	24	460	435	277
12/29/2020	1	460	435	266
12/29/2020	2	460	435	256
12/29/2020	3	435	352	246
12/29/2020	4	435	352	242
12/29/2020	5	435	352	242
12/29/2020	6	435	352	236
12/29/2020	7	435	352	240
12/29/2020	8	435	352	252
12/29/2020	9	460	435	282
12/29/2020	10	460	435	301
12/29/2020	11	460	435	314
12/29/2020	12	460	435	314
12/29/2020	13	460	435	320
12/29/2020	14	460	435	324
12/29/2020	15	460	435	323
12/29/2020	16	460	435	310
12/29/2020	17	460	435	300
12/29/2020	18	460	435	320
12/29/2020	19	460	435	316
12/29/2020	20	460	435	318
12/29/2020	21	460	435	310
12/29/2020	22	460	435	302
12/29/2020	23	460	435	294
12/29/2020	24	460	435	283
12/30/2020	1	435	352	279
12/30/2020	2	435	352	268
12/30/2020	3	435	352	259
12/30/2020	4	435	334	250
12/30/2020	5	435	334	245
12/30/2020	6	435	334	241
12/30/2020	7	435	280	236
12/30/2020	8	435	333	243
12/30/2020	9	435	349	262
12/30/2020	10	435	352	278
12/30/2020	11	435	352	291
12/30/2020	12	435	344	290
12/30/2020	13	435	344	292
12/30/2020	14	435	352	297
12/30/2020	15	435	352	295
12/30/2020	16	435	344	290
12/30/2020	17	435	344	282
12/30/2020	18	435	352	305
12/30/2020	19	435	352	303
12/30/2020	20	435	352	293
12/30/2020	21	435	352	285
12/30/2020	22	435	352	281
12/30/2020	23	435	352	272
12/30/2020	24	435	352	264
12/31/2020	1	460	435	273
12/31/2020	2	460	435	263
12/31/2020	3	435	352	254
12/31/2020	4	435	352	245

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/31/2020	5	435	352	240
12/31/2020	6	435	352	236
12/31/2020	7	435	250	231
12/31/2020	8	435	249	238
12/31/2020	9	435	316	257
12/31/2020	10	435	316	272
12/31/2020	11	435	344	285
12/31/2020	12	435	344	284
12/31/2020	13	435	344	286
12/31/2020	14	435	344	291
12/31/2020	15	435	344	289
12/31/2020	16	435	344	284
12/31/2020	17	435	316	277
12/31/2020	18	435	382	299
12/31/2020	19	435	352	296
12/31/2020	20	435	328	287
12/31/2020	21	435	344	279
12/31/2020	22	435	352	275
12/31/2020	23	435	344	267
12/31/2020	24	435	316	258
01/01/2021	1	435	300	230
01/01/2021	2	435	280	223
01/01/2021	3	435	250	214
01/01/2021	4	435	240	208
01/01/2021	5	435	240	202
01/01/2021	6	435	200	199
01/01/2021	7	250	185	195
01/01/2021	8	185	165	196
01/01/2021	9	185	165	204
01/01/2021	10	218	185	217
01/01/2021	11	435	185	228
01/01/2021	12	435	185	235
01/01/2021	13	435	185	237
01/01/2021	14	435	185	240
01/01/2021	15	435	185	240
01/01/2021	16	364	185	235
01/01/2021	17	339	185	232
01/01/2021	18	354	266	254
01/01/2021	19	435	266	259
01/01/2021	20	435	265	257
01/01/2021	21	435	265	256
01/01/2021	22	435	299	250
01/01/2021	23	435	266	241
01/01/2021	24	435	266	233
01/02/2021	1	435	276	215
01/02/2021	2	435	256	207
01/02/2021	3	435	185	201
01/02/2021	4	435	240	197
01/02/2021	5	435	185	196
01/02/2021	6	402	240	199
01/02/2021	7	250	185	202
01/02/2021	8	185	185	216
01/02/2021	9	225	202	232
01/02/2021	10	300	300	252
01/02/2021	11	435	315	262
01/02/2021	12	435	315	262
01/02/2021	13	435	315	262
01/02/2021	14	435	334	265
01/02/2021	15	435	315	260
01/02/2021	16	435	280	253
01/02/2021	17	435	250	253
01/02/2021	18	435	382	275
01/02/2021	19	435	352	274
01/02/2021	20	435	352	271
01/02/2021	21	435	352	263

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/02/2021	22	435	316	251
01/02/2021	23	435	335	243
01/02/2021	24	435	334	235
01/03/2021	1	460	435	263
01/03/2021	2	435	352	254
01/03/2021	3	435	352	244
01/03/2021	4	435	352	238
01/03/2021	5	435	352	235
01/03/2021	6	435	352	239
01/03/2021	7	435	352	241
01/03/2021	8	435	352	248
01/03/2021	9	435	352	259
01/03/2021	10	435	352	272
01/03/2021	11	460	435	279
01/03/2021	12	460	435	272
01/03/2021	13	460	435	267
01/03/2021	14	460	435	268
01/03/2021	15	460	435	266
01/03/2021	16	460	435	266
01/03/2021	17	460	435	271
01/03/2021	18	460	435	297
01/03/2021	19	460	435	297
01/03/2021	20	460	435	289
01/03/2021	21	460	435	282
01/03/2021	22	460	435	271
01/03/2021	23	460	435	258
01/03/2021	24	460	435	248
01/04/2021	1	460	435	271
01/04/2021	2	435	352	261
01/04/2021	3	435	352	253
01/04/2021	4	435	352	247
01/04/2021	5	435	352	242
01/04/2021	6	435	352	243
01/04/2021	7	435	352	246
01/04/2021	8	435	352	256
01/04/2021	9	435	352	280
01/04/2021	10	435	372	304
01/04/2021	11	460	435	329
01/04/2021	12	460	435	324
01/04/2021	13	460	435	322
01/04/2021	14	460	435	327
01/04/2021	15	460	435	325
01/04/2021	16	460	435	323
01/04/2021	17	460	435	317
01/04/2021	18	460	435	310
01/04/2021	19	460	435	319
01/04/2021	20	460	435	314
01/04/2021	21	460	435	312
01/04/2021	22	460	435	309
01/04/2021	23	460	435	299
01/04/2021	24	460	435	288
01/05/2021	1	460	435	270
01/05/2021	2	460	435	262
01/05/2021	3	460	435	255
01/05/2021	4	460	435	250
01/05/2021	5	460	435	249
01/05/2021	6	460	435	252
01/05/2021	7	460	435	259
01/05/2021	8	460	435	280
01/05/2021	9	460	435	304
01/05/2021	10	460	435	326
01/05/2021	11	460	435	339
01/05/2021	12	460	435	337
01/05/2021	13	460	435	336
01/05/2021	14	460	435	345

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/05/2021	15	460	435	342
01/05/2021	16	460	435	335
01/05/2021	17	460	435	320
01/05/2021	18	460	435	336
01/05/2021	19	460	435	333
01/05/2021	20	460	435	326
01/05/2021	21	460	435	322
01/05/2021	22	460	435	312
01/05/2021	23	460	435	300
01/05/2021	24	460	435	286
01/06/2021	1	460	435	286
01/06/2021	2	460	435	275
01/06/2021	3	460	435	269
01/06/2021	4	460	435	262
01/06/2021	5	460	435	261
01/06/2021	6	460	435	266
01/06/2021	7	460	435	280
01/06/2021	8	460	435	295
01/06/2021	9	460	435	320
01/06/2021	10	460	435	341
01/06/2021	11	460	435	354
01/06/2021	12	460	435	350
01/06/2021	13	460	435	351
01/06/2021	14	460	435	360
01/06/2021	15	460	435	355
01/06/2021	16	460	435	348
01/06/2021	17	460	435	334
01/06/2021	18	460	435	348
01/06/2021	19	460	435	344
01/06/2021	20	460	435	340
01/06/2021	21	460	435	334
01/06/2021	22	460	435	322
01/06/2021	23	460	435	310
01/06/2021	24	460	435	298
01/07/2021	1	460	435	292
01/07/2021	2	460	435	283
01/07/2021	3	460	435	277
01/07/2021	4	460	435	272
01/07/2021	5	460	435	273
01/07/2021	6	460	435	277
01/07/2021	7	460	435	285
01/07/2021	8	460	435	306
01/07/2021	9	460	435	334
01/07/2021	10	460	435	353
01/07/2021	11	460	435	364
01/07/2021	12	460	435	357
01/07/2021	13	460	435	354
01/07/2021	14	460	435	362
01/07/2021	15	460	435	361
01/07/2021	16	460	435	354
01/07/2021	17	460	435	340
01/07/2021	18	460	435	351
01/07/2021	19	460	435	346
01/07/2021	20	460	435	342
01/07/2021	21	460	435	339
01/07/2021	22	460	435	329
01/07/2021	23	460	435	317
01/07/2021	24	460	435	303
01/08/2021	1	460	435	265
01/08/2021	2	460	435	264
01/08/2021	3	460	435	257
01/08/2021	4	460	435	253
01/08/2021	5	460	435	260
01/08/2021	6	460	435	272
01/08/2021	7	460	435	276

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/08/2021	8	460	435	303
01/08/2021	9	460	435	335
01/08/2021	10	460	435	353
01/08/2021	11	460	435	361
01/08/2021	12	460	435	353
01/08/2021	13	460	435	348
01/08/2021	14	460	435	359
01/08/2021	15	460	435	354
01/08/2021	16	460	435	353
01/08/2021	17	460	435	340
01/08/2021	18	460	435	340
01/08/2021	19	460	435	344
01/08/2021	20	460	435	332
01/08/2021	21	460	435	318
01/08/2021	22	460	435	294
01/08/2021	23	460	435	273
01/08/2021	24	460	435	252
01/09/2021	1	460	435	268
01/09/2021	2	460	435	259
01/09/2021	3	460	435	252
01/09/2021	4	460	435	247
01/09/2021	5	460	435	245
01/09/2021	6	460	435	245
01/09/2021	7	460	435	248
01/09/2021	8	460	435	265
01/09/2021	9	460	435	292
01/09/2021	10	460	435	309
01/09/2021	11	460	435	320
01/09/2021	12	460	435	316
01/09/2021	13	460	435	316
01/09/2021	14	460	435	325
01/09/2021	15	460	435	322
01/09/2021	16	460	435	311
01/09/2021	17	460	435	307
01/09/2021	18	460	435	323
01/09/2021	19	460	435	320
01/09/2021	20	460	435	318
01/09/2021	21	460	435	314
01/09/2021	22	460	435	307
01/09/2021	23	460	435	295
01/09/2021	24	460	435	285
01/10/2021	1	460	435	261
01/10/2021	2	460	435	252
01/10/2021	3	460	435	244
01/10/2021	4	460	435	237
01/10/2021	5	460	435	236
01/10/2021	6	460	435	239
01/10/2021	7	460	435	241
01/10/2021	8	460	435	248
01/10/2021	9	460	435	251
01/10/2021	10	460	435	264
01/10/2021	11	460	435	271
01/10/2021	12	460	435	263
01/10/2021	13	460	435	259
01/10/2021	14	460	435	259
01/10/2021	15	460	435	258
01/10/2021	16	460	435	257
01/10/2021	17	460	435	263
01/10/2021	18	460	435	288
01/10/2021	19	460	435	289
01/10/2021	20	460	435	281
01/10/2021	21	460	435	274
01/10/2021	22	460	435	263
01/10/2021	23	460	435	250
01/10/2021	24	460	435	240

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/11/2021	1	460	435	266
01/11/2021	2	460	435	258
01/11/2021	3	460	435	251
01/11/2021	4	460	435	246
01/11/2021	5	460	435	245
01/11/2021	6	460	435	248
01/11/2021	7	460	435	254
01/11/2021	8	460	435	280
01/11/2021	9	460	435	306
01/11/2021	10	460	435	328
01/11/2021	11	460	435	341
01/11/2021	12	460	435	339
01/11/2021	13	460	435	338
01/11/2021	14	460	435	347
01/11/2021	15	460	435	344
01/11/2021	16	460	435	337
01/11/2021	17	460	435	323
01/11/2021	18	460	435	338
01/11/2021	19	460	435	335
01/11/2021	20	460	435	328
01/11/2021	21	460	435	324
01/11/2021	22	460	435	315
01/11/2021	23	460	435	302
01/11/2021	24	460	435	288
01/12/2021	1	460	435	256
01/12/2021	2	460	435	248
01/12/2021	3	460	435	240
01/12/2021	4	460	435	237
01/12/2021	5	460	435	238
01/12/2021	6	460	435	243
01/12/2021	7	460	435	248
01/12/2021	8	460	435	276
01/12/2021	9	460	435	303
01/12/2021	10	460	435	319
01/12/2021	11	460	435	332
01/12/2021	12	460	435	329
01/12/2021	13	460	435	324
01/12/2021	14	460	435	333
01/12/2021	15	460	435	329
01/12/2021	16	460	435	325
01/12/2021	17	460	435	310
01/12/2021	18	460	435	322
01/12/2021	19	460	435	318
01/12/2021	20	460	435	311
01/12/2021	21	460	435	306
01/12/2021	22	460	435	294
01/12/2021	23	460	435	281
01/12/2021	24	460	435	271
01/13/2021	1	460	365	270
01/13/2021	2	460	365	262
01/13/2021	3	460	365	255
01/13/2021	4	460	365	251
01/13/2021	5	460	365	251
01/13/2021	6	460	365	257
01/13/2021	7	460	365	265
01/13/2021	8	460	365	280
01/13/2021	9	460	365	307
01/13/2021	10	460	382	326
01/13/2021	11	460	382	341
01/13/2021	12	460	382	335
01/13/2021	13	460	382	334
01/13/2021	14	460	382	344
01/13/2021	15	460	382	343
01/13/2021	16	460	382	336
01/13/2021	17	460	365	317

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/13/2021	18	460	382	324
01/13/2021	19	460	382	322
01/13/2021	20	460	382	314
01/13/2021	21	460	365	309
01/13/2021	22	460	365	306
01/13/2021	23	460	365	293
01/13/2021	24	460	365	282
01/14/2021	1	460	365	275
01/14/2021	2	460	365	265
01/14/2021	3	460	365	258
01/14/2021	4	460	365	256
01/14/2021	5	460	365	256
01/14/2021	6	460	365	259
01/14/2021	7	460	365	270
01/14/2021	8	460	365	288
01/14/2021	9	460	382	312
01/14/2021	10	460	382	330
01/14/2021	11	460	382	337
01/14/2021	12	460	382	329
01/14/2021	13	460	382	328
01/14/2021	14	460	382	338
01/14/2021	15	460	382	334
01/14/2021	16	460	382	329
01/14/2021	17	460	382	314
01/14/2021	18	460	382	320
01/14/2021	19	460	382	320
01/14/2021	20	460	382	312
01/14/2021	21	460	382	305
01/14/2021	22	460	365	302
01/14/2021	23	460	365	291
01/14/2021	24	460	365	273
01/15/2021	1	460	365	275
01/15/2021	2	460	365	265
01/15/2021	3	460	365	258
01/15/2021	4	460	365	256
01/15/2021	5	460	365	256
01/15/2021	6	460	365	259
01/15/2021	7	460	365	270
01/15/2021	8	460	365	288
01/15/2021	9	460	382	312
01/15/2021	10	460	382	330
01/15/2021	11	460	382	337
01/15/2021	12	460	382	329
01/15/2021	13	460	382	328
01/15/2021	14	460	382	338
01/15/2021	15	460	382	334
01/15/2021	16	460	382	329
01/15/2021	17	460	382	314
01/15/2021	18	460	382	320
01/15/2021	19	460	382	320
01/15/2021	20	460	382	312
01/15/2021	21	460	382	305
01/15/2021	22	460	365	302
01/15/2021	23	460	365	291
01/15/2021	24	460	365	273
01/16/2021	1	435	352	269
01/16/2021	2	435	352	251
01/16/2021	3	435	352	242
01/16/2021	4	435	346	237
01/16/2021	5	435	344	236
01/16/2021	6	435	352	240
01/16/2021	7	435	344	243
01/16/2021	8	435	352	257
01/16/2021	9	435	344	274
01/16/2021	10	435	352	293

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/16/2021	11	435	420	304
01/16/2021	12	435	420	302
01/16/2021	13	435	420	300
01/16/2021	14	435	420	304
01/16/2021	15	435	420	299
01/16/2021	16	435	420	293
01/16/2021	17	435	420	288
01/16/2021	18	435	420	306
01/16/2021	19	435	420	307
01/16/2021	20	435	420	301
01/16/2021	21	435	420	291
01/16/2021	22	435	420	284
01/16/2021	23	435	420	274
01/16/2021	24	435	420	261
01/17/2021	1	460	435	275
01/17/2021	2	460	435	264
01/17/2021	3	460	435	255
01/17/2021	4	435	420	246
01/17/2021	5	435	420	241
01/17/2021	6	435	420	237
01/17/2021	7	435	350	232
01/17/2021	8	435	352	239
01/17/2021	9	435	352	248
01/17/2021	10	460	435	263
01/17/2021	11	460	435	276
01/17/2021	12	460	435	276
01/17/2021	13	460	435	278
01/17/2021	14	460	435	283
01/17/2021	15	460	435	281
01/17/2021	16	460	435	276
01/17/2021	17	460	435	268
01/17/2021	18	460	435	291
01/17/2021	19	460	435	288
01/17/2021	20	460	435	279
01/17/2021	21	460	435	271
01/17/2021	22	460	435	267
01/17/2021	23	460	435	258
01/17/2021	24	460	435	250
01/18/2021	1	435	420	255
01/18/2021	2	435	420	248
01/18/2021	3	435	420	240
01/18/2021	4	435	420	237
01/18/2021	5	435	420	238
01/18/2021	6	435	420	242
01/18/2021	7	435	350	248
01/18/2021	8	435	352	276
01/18/2021	9	435	352	299
01/18/2021	10	460	435	315
01/18/2021	11	460	435	328
01/18/2021	12	460	435	325
01/18/2021	13	460	435	320
01/18/2021	14	460	435	329
01/18/2021	15	460	435	325
01/18/2021	16	460	435	321
01/18/2021	17	460	435	306
01/18/2021	18	460	435	318
01/18/2021	19	460	435	314
01/18/2021	20	460	435	307
01/18/2021	21	460	435	302
01/18/2021	22	460	435	290
01/18/2021	23	460	435	277
01/18/2021	24	460	435	267
01/19/2021	1	435	420	262
01/19/2021	2	435	420	249
01/19/2021	3	435	420	241

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/19/2021	4	435	420	240
01/19/2021	5	435	420	241
01/19/2021	6	435	420	249
01/19/2021	7	435	352	260
01/19/2021	8	435	352	287
01/19/2021	9	435	352	310
01/19/2021	10	460	435	324
01/19/2021	11	460	435	337
01/19/2021	12	460	435	330
01/19/2021	13	460	435	326
01/19/2021	14	460	435	335
01/19/2021	15	460	435	332
01/19/2021	16	435	420	327
01/19/2021	17	435	420	313
01/19/2021	18	435	420	321
01/19/2021	19	435	420	318
01/19/2021	20	435	420	309
01/19/2021	21	435	420	301
01/19/2021	22	435	420	291
01/19/2021	23	435	420	275
01/19/2021	24	435	420	260
01/20/2021	1	435	420	261
01/20/2021	2	435	420	252
01/20/2021	3	435	420	246
01/20/2021	4	435	420	240
01/20/2021	5	435	420	245
01/20/2021	6	435	420	252
01/20/2021	7	435	352	256
01/20/2021	8	435	352	282
01/20/2021	9	435	352	307
01/20/2021	10	460	435	326
01/20/2021	11	460	435	338
01/20/2021	12	460	435	332
01/20/2021	13	460	435	332
01/20/2021	14	460	435	340
01/20/2021	15	460	435	339
01/20/2021	16	435	420	332
01/20/2021	17	435	420	318
01/20/2021	18	435	420	325
01/20/2021	19	435	420	323
01/20/2021	20	435	420	317
01/20/2021	21	435	420	311
01/20/2021	22	435	420	298
01/20/2021	23	435	420	286
01/20/2021	24	435	420	273
01/21/2021	1	420	420	271
01/21/2021	2	420	420	263
01/21/2021	3	420	380	257
01/21/2021	4	420	350	254
01/21/2021	5	420	352	256
01/21/2021	6	420	420	264
01/21/2021	7	420	352	283
01/21/2021	8	435	352	302
01/21/2021	9	435	382	328
01/21/2021	10	435	382	347
01/21/2021	11	435	420	359
01/21/2021	12	435	420	350
01/21/2021	13	435	420	349
01/21/2021	14	435	420	360
01/21/2021	15	435	420	358
01/21/2021	16	435	420	358
01/21/2021	17	435	420	339
01/21/2021	18	435	420	345
01/21/2021	19	435	420	345
01/21/2021	20	435	420	336

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/21/2021	21	435	420	327
01/21/2021	22	435	420	316
01/21/2021	23	435	420	308
01/21/2021	24	435	420	294
01/22/2021	1	435	420	273
01/22/2021	2	435	420	267
01/22/2021	3	435	420	260
01/22/2021	4	435	420	257
01/22/2021	5	435	420	259
01/22/2021	6	435	420	264
01/22/2021	7	435	420	271
01/22/2021	8	435	420	300
01/22/2021	9	435	420	324
01/22/2021	10	435	420	342
01/22/2021	11	435	420	351
01/22/2021	12	435	420	341
01/22/2021	13	435	420	341
01/22/2021	14	435	420	351
01/22/2021	15	435	420	347
01/22/2021	16	435	420	342
01/22/2021	17	435	420	326
01/22/2021	18	435	420	332
01/22/2021	19	435	420	331
01/22/2021	20	435	420	324
01/22/2021	21	435	420	316
01/22/2021	22	435	420	306
01/22/2021	23	435	420	295
01/22/2021	24	435	420	283
01/23/2021	1	435	420	279
01/23/2021	2	435	420	270
01/23/2021	3	435	420	262
01/23/2021	4	435	420	258
01/23/2021	5	435	420	257
01/23/2021	6	435	420	260
01/23/2021	7	435	420	260
01/23/2021	8	435	420	284
01/23/2021	9	435	420	303
01/23/2021	10	435	420	318
01/23/2021	11	435	420	329
01/23/2021	12	435	420	319
01/23/2021	13	435	420	317
01/23/2021	14	435	420	323
01/23/2021	15	435	420	319
01/23/2021	16	435	420	313
01/23/2021	17	435	420	303
01/23/2021	18	435	420	319
01/23/2021	19	435	420	319
01/23/2021	20	435	420	313
01/23/2021	21	435	420	307
01/23/2021	22	435	420	300
01/23/2021	23	435	420	289
01/23/2021	24	435	420	280
01/24/2021	1	435	420	262
01/24/2021	2	435	420	254
01/24/2021	3	435	420	244
01/24/2021	4	435	420	238
01/24/2021	5	435	420	236
01/24/2021	6	435	420	239
01/24/2021	7	435	420	241
01/24/2021	8	435	420	248
01/24/2021	9	435	420	267
01/24/2021	10	435	420	284
01/24/2021	11	435	420	291
01/24/2021	12	435	420	288
01/24/2021	13	435	420	284

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/24/2021	14	435	420	292
01/24/2021	15	435	420	287
01/24/2021	16	435	420	274
01/24/2021	17	435	420	280
01/24/2021	18	435	420	305
01/24/2021	19	435	420	306
01/24/2021	20	435	420	298
01/24/2021	21	435	420	291
01/24/2021	22	435	420	280
01/24/2021	23	435	420	267
01/24/2021	24	435	420	256
01/25/2021	1	435	420	259
01/25/2021	2	435	420	251
01/25/2021	3	435	420	245
01/25/2021	4	435	420	242
01/25/2021	5	435	420	244
01/25/2021	6	435	420	252
01/25/2021	7	435	420	271
01/25/2021	8	435	420	290
01/25/2021	9	435	420	335
01/25/2021	10	435	420	354
01/25/2021	11	435	420	366
01/25/2021	12	435	420	357
01/25/2021	13	435	420	356
01/25/2021	14	435	420	367
01/25/2021	15	435	420	366
01/25/2021	16	435	420	365
01/25/2021	17	435	420	346
01/25/2021	18	435	420	352
01/25/2021	19	435	420	352
01/25/2021	20	435	420	343
01/25/2021	21	435	420	334
01/25/2021	22	435	420	323
01/25/2021	23	435	420	315
01/25/2021	24	435	420	301
01/26/2021	1	435	420	283
01/26/2021	2	435	420	274
01/26/2021	3	435	420	268
01/26/2021	4	435	420	264
01/26/2021	5	435	420	268
01/26/2021	6	435	420	276
01/26/2021	7	435	420	276
01/26/2021	8	435	420	315
01/26/2021	9	435	420	337
01/26/2021	10	435	420	354
01/26/2021	11	435	420	361
01/26/2021	12	435	420	352
01/26/2021	13	435	420	350
01/26/2021	14	435	420	361
01/26/2021	15	435	420	359
01/26/2021	16	435	420	356
01/26/2021	17	435	420	342
01/26/2021	18	435	420	347
01/26/2021	19	435	420	347
01/26/2021	20	435	420	335
01/26/2021	21	435	420	331
01/26/2021	22	435	420	319
01/26/2021	23	435	420	306
01/26/2021	24	435	420	294
01/27/2021	1	435	420	281
01/27/2021	2	435	420	274
01/27/2021	3	435	420	267
01/27/2021	4	435	420	264
01/27/2021	5	435	420	266
01/27/2021	6	435	420	275

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/27/2021	7	435	420	285
01/27/2021	8	435	420	313
01/27/2021	9	435	420	337
01/27/2021	10	435	420	357
01/27/2021	11	435	420	371
01/27/2021	12	435	420	363
01/27/2021	13	435	420	361
01/27/2021	14	435	420	372
01/27/2021	15	435	420	371
01/27/2021	16	435	420	368
01/27/2021	17	435	420	352
01/27/2021	18	450	435	358
01/27/2021	19	450	435	357
01/27/2021	20	546	435	349
01/27/2021	21	590	435	342
01/27/2021	22	647	435	331
01/27/2021	23	544	435	320
01/27/2021	24	504	435	307
01/28/2021	1	435	420	281
01/28/2021	2	435	420	274
01/28/2021	3	435	420	267
01/28/2021	4	435	420	264
01/28/2021	5	435	420	266
01/28/2021	6	435	420	275
01/28/2021	7	435	420	285
01/28/2021	8	435	420	313
01/28/2021	9	435	420	337
01/28/2021	10	435	420	357
01/28/2021	11	435	420	371
01/28/2021	12	435	420	363
01/28/2021	13	435	420	361
01/28/2021	14	435	420	372
01/28/2021	15	435	420	371
01/28/2021	16	435	420	368
01/28/2021	17	435	420	352
01/28/2021	18	450	435	358
01/28/2021	19	450	435	357
01/28/2021	20	546	435	349
01/28/2021	21	590	435	342
01/28/2021	22	647	435	331
01/28/2021	23	544	435	320
01/28/2021	24	504	435	307
01/29/2021	1	550	435	278
01/29/2021	2	450	435	270
01/29/2021	3	440	435	258
01/29/2021	4	435	420	253
01/29/2021	5	435	430	254
01/29/2021	6	450	435	260
01/29/2021	7	450	435	276
01/29/2021	8	452	435	304
01/29/2021	9	505	435	331
01/29/2021	10	647	435	345
01/29/2021	11	647	435	356
01/29/2021	12	622	435	348
01/29/2021	13	647	435	347
01/29/2021	14	647	435	359
01/29/2021	15	647	435	360
01/29/2021	16	647	435	357
01/29/2021	17	590	435	340
01/29/2021	18	540	435	341
01/29/2021	19	540	435	346
01/29/2021	20	614	435	342
01/29/2021	21	626	435	331
01/29/2021	22	611	435	322
01/29/2021	23	493	435	310

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/29/2021	24	480	435	299
01/30/2021	1	450	435	265
01/30/2021	2	441	435	258
01/30/2021	3	440	435	250
01/30/2021	4	435	420	246
01/30/2021	5	435	428	245
01/30/2021	6	453	435	247
01/30/2021	7	450	435	252
01/30/2021	8	452	435	269
01/30/2021	9	550	435	286
01/30/2021	10	595	435	302
01/30/2021	11	647	435	311
01/30/2021	12	647	435	304
01/30/2021	13	528	435	302
01/30/2021	14	528	435	307
01/30/2021	15	477	435	302
01/30/2021	16	450	435	297
01/30/2021	17	435	420	287
01/30/2021	18	520	435	301
01/30/2021	19	550	435	302
01/30/2021	20	510	435	295
01/30/2021	21	504	435	288
01/30/2021	22	500	435	281
01/30/2021	23	476	435	270
01/30/2021	24	455	435	260
01/31/2021	1	550	435	262
01/31/2021	2	450	435	254
01/31/2021	3	440	435	244
01/31/2021	4	435	420	238
01/31/2021	5	435	420	235
01/31/2021	6	450	435	239
01/31/2021	7	450	435	241
01/31/2021	8	452	435	248
01/31/2021	9	460	435	266
01/31/2021	10	520	435	283
01/31/2021	11	550	435	290
01/31/2021	12	530	435	286
01/31/2021	13	480	435	282
01/31/2021	14	550	435	290
01/31/2021	15	520	435	285
01/31/2021	16	500	435	272
01/31/2021	17	480	435	278
01/31/2021	18	569	435	303
01/31/2021	19	557	435	304
01/31/2021	20	528	435	296
01/31/2021	21	500	435	289
01/31/2021	22	500	435	278
01/31/2021	23	500	435	265
01/31/2021	24	457	435	255
02/01/2021	1	520	435	259
02/01/2021	2	450	435	251
02/01/2021	3	440	435	245
02/01/2021	4	435	420	242
02/01/2021	5	435	400	244
02/01/2021	6	450	435	252
02/01/2021	7	450	435	271
02/01/2021	8	460	452	290
02/01/2021	9	460	460	323
02/01/2021	10	551	460	341
02/01/2021	11	550	460	349
02/01/2021	12	530	460	340
02/01/2021	13	480	460	340
02/01/2021	14	550	460	350
02/01/2021	15	520	460	346
02/01/2021	16	500	460	341

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/01/2021	17	480	460	325
02/01/2021	18	569	460	331
02/01/2021	19	557	460	330
02/01/2021	20	528	460	323
02/01/2021	21	500	460	314
02/01/2021	22	500	460	305
02/01/2021	23	500	460	294
02/01/2021	24	460	457	282
02/02/2021	1	568	435	285
02/02/2021	2	530	435	272
02/02/2021	3	480	435	263
02/02/2021	4	435	400	259
02/02/2021	5	435	431	260
02/02/2021	6	439	435	266
02/02/2021	7	450	435	269
02/02/2021	8	500	435	293
02/02/2021	9	520	435	318
02/02/2021	10	580	460	339
02/02/2021	11	647	460	351
02/02/2021	12	617	460	342
02/02/2021	13	500	460	338
02/02/2021	14	647	460	352
02/02/2021	15	647	460	348
02/02/2021	16	580	460	343
02/02/2021	17	550	460	329
02/02/2021	18	540	460	329
02/02/2021	19	601	460	332
02/02/2021	20	580	460	324
02/02/2021	21	550	460	318
02/02/2021	22	540	460	306
02/02/2021	23	500	460	294
02/02/2021	24	470	460	292
02/03/2021	1	560	435	265
02/03/2021	2	520	435	254
02/03/2021	3	435	400	246
02/03/2021	4	435	380	242
02/03/2021	5	435	374	242
02/03/2021	6	435	420	248
02/03/2021	7	440	435	260
02/03/2021	8	500	435	292
02/03/2021	9	520	460	320
02/03/2021	10	568	460	342
02/03/2021	11	647	460	356
02/03/2021	12	610	460	349
02/03/2021	13	647	460	348
02/03/2021	14	647	460	359
02/03/2021	15	647	460	358
02/03/2021	16	647	460	351
02/03/2021	17	480	460	331
02/03/2021	18	561	460	338
02/03/2021	19	553	460	336
02/03/2021	20	531	460	328
02/03/2021	21	550	460	322
02/03/2021	22	540	460	313
02/03/2021	23	500	460	294
02/03/2021	24	460	450	283
02/04/2021	1	550	435	268
02/04/2021	2	450	435	260
02/04/2021	3	435	380	255
02/04/2021	4	435	351	252
02/04/2021	5	435	350	257
02/04/2021	6	435	431	267
02/04/2021	7	435	431	279
02/04/2021	8	500	435	302
02/04/2021	9	561	460	328

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/04/2021	10	647	460	346
02/04/2021	11	647	460	359
02/04/2021	12	647	460	350
02/04/2021	13	603	460	348
02/04/2021	14	647	460	360
02/04/2021	15	647	460	358
02/04/2021	16	647	460	357
02/04/2021	17	480	460	341
02/04/2021	18	561	460	344
02/04/2021	19	535	460	346
02/04/2021	20	531	460	337
02/04/2021	21	550	460	329
02/04/2021	22	540	460	316
02/04/2021	23	500	460	304
02/04/2021	24	460	450	290
02/05/2021	1	550	435	282
02/05/2021	2	450	435	268
02/05/2021	3	440	435	261
02/05/2021	4	435	420	256
02/05/2021	5	435	430	257
02/05/2021	6	450	435	265
02/05/2021	7	450	435	273
02/05/2021	8	452	435	292
02/05/2021	9	535	460	316
02/05/2021	10	647	460	332
02/05/2021	11	647	460	342
02/05/2021	12	647	460	333
02/05/2021	13	647	460	330
02/05/2021	14	647	460	340
02/05/2021	15	647	460	338
02/05/2021	16	647	460	334
02/05/2021	17	550	460	317
02/05/2021	18	540	460	320
02/05/2021	19	530	460	322
02/05/2021	20	520	460	316
02/05/2021	21	520	460	307
02/05/2021	22	510	460	296
02/05/2021	23	480	460	290
02/05/2021	24	470	460	286
02/06/2021	1	568	435	272
02/06/2021	2	472	435	265
02/06/2021	3	436	435	256
02/06/2021	4	438	420	252
02/06/2021	5	420	420	251
02/06/2021	6	420	420	254
02/06/2021	7	490	435	258
02/06/2021	8	483	435	276
02/06/2021	9	575	460	293
02/06/2021	10	647	460	309
02/06/2021	11	647	460	319
02/06/2021	12	601	460	312
02/06/2021	13	631	460	309
02/06/2021	14	602	460	315
02/06/2021	15	564	460	310
02/06/2021	16	500	460	305
02/06/2021	17	477	460	295
02/06/2021	18	575	460	309
02/06/2021	19	647	460	310
02/06/2021	20	525	460	302
02/06/2021	21	524	460	295
02/06/2021	22	500	460	288
02/06/2021	23	480	460	277
02/06/2021	24	520	460	267
02/07/2021	1	560	435	261
02/07/2021	2	510	435	254

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/07/2021	3	480	435	244
02/07/2021	4	450	435	238
02/07/2021	5	440	435	236
02/07/2021	6	473	435	239
02/07/2021	7	450	435	241
02/07/2021	8	452	435	248
02/07/2021	9	446	435	266
02/07/2021	10	550	460	283
02/07/2021	11	580	460	290
02/07/2021	12	540	460	287
02/07/2021	13	550	460	283
02/07/2021	14	590	460	291
02/07/2021	15	580	460	286
02/07/2021	16	520	460	273
02/07/2021	17	526	460	279
02/07/2021	18	647	460	304
02/07/2021	19	647	460	305
02/07/2021	20	550	460	296
02/07/2021	21	520	460	290
02/07/2021	22	510	460	278
02/07/2021	23	460	460	265
02/07/2021	24	460	440	255
02/08/2021	1	552	435	257
02/08/2021	2	510	435	250
02/08/2021	3	480	435	244
02/08/2021	4	450	435	240
02/08/2021	5	440	435	244
02/08/2021	6	435	428	252
02/08/2021	7	450	435	271
02/08/2021	8	452	435	290
02/08/2021	9	446	435	317
02/08/2021	10	550	460	335
02/08/2021	11	580	460	343
02/08/2021	12	540	460	334
02/08/2021	13	550	460	334
02/08/2021	14	590	460	344
02/08/2021	15	580	460	339
02/08/2021	16	520	460	335
02/08/2021	17	526	460	319
02/08/2021	18	550	460	325
02/08/2021	19	647	460	324
02/08/2021	20	550	460	317
02/08/2021	21	520	460	308
02/08/2021	22	510	460	299
02/08/2021	23	460	460	288
02/08/2021	24	460	440	276
02/09/2021	1	550	435	281
02/09/2021	2	500	435	263
02/09/2021	3	480	435	256
02/09/2021	4	440	435	253
02/09/2021	5	450	435	255
02/09/2021	6	480	435	263
02/09/2021	7	530	435	277
02/09/2021	8	540	435	302
02/09/2021	9	554	435	326
02/09/2021	10	647	460	345
02/09/2021	11	647	460	358
02/09/2021	12	569	460	349
02/09/2021	13	550	460	346
02/09/2021	14	647	460	358
02/09/2021	15	647	460	355
02/09/2021	16	603	460	351
02/09/2021	17	550	460	336
02/09/2021	18	580	460	337
02/09/2021	19	591	460	340

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/09/2021	20	550	460	329
02/09/2021	21	520	460	323
02/09/2021	22	510	460	310
02/09/2021	23	460	460	298
02/09/2021	24	460	450	283
02/10/2021	1	550	435	281
02/10/2021	2	500	435	263
02/10/2021	3	480	435	256
02/10/2021	4	440	435	253
02/10/2021	5	450	435	255
02/10/2021	6	480	435	263
02/10/2021	7	530	435	277
02/10/2021	8	540	435	302
02/10/2021	9	554	435	326
02/10/2021	10	647	460	345
02/10/2021	11	647	460	358
02/10/2021	12	569	460	349
02/10/2021	13	550	460	346
02/10/2021	14	647	460	358
02/10/2021	15	647	460	355
02/10/2021	16	603	460	351
02/10/2021	17	550	460	336
02/10/2021	18	580	460	337
02/10/2021	19	591	460	340
02/10/2021	20	550	460	329
02/10/2021	21	520	460	323
02/10/2021	22	510	460	310
02/10/2021	23	460	460	298
02/10/2021	24	460	450	283
02/11/2021	1	580	435	273
02/11/2021	2	520	435	264
02/11/2021	3	470	435	258
02/11/2021	4	435	420	254
02/11/2021	5	470	435	254
02/11/2021	6	480	435	261
02/11/2021	7	510	435	273
02/11/2021	8	537	435	297
02/11/2021	9	556	435	322
02/11/2021	10	570	460	340
02/11/2021	11	647	460	353
02/11/2021	12	529	460	344
02/11/2021	13	550	460	343
02/11/2021	14	647	460	355
02/11/2021	15	647	460	351
02/11/2021	16	647	460	345
02/11/2021	17	550	460	328
02/11/2021	18	580	460	330
02/11/2021	19	621	460	332
02/11/2021	20	550	460	324
02/11/2021	21	520	460	317
02/11/2021	22	532	460	306
02/11/2021	23	500	460	295
02/11/2021	24	460	450	284
02/12/2021	1	647	460	296
02/12/2021	2	590	460	285
02/12/2021	3	542	460	274
02/12/2021	4	524	435	269
02/12/2021	5	480	435	256
02/12/2021	6	450	435	251
02/12/2021	7	500	435	257
02/12/2021	8	530	435	274
02/12/2021	9	540	460	294
02/12/2021	10	560	460	319
02/12/2021	11	590	460	331
02/12/2021	12	529	460	325

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/12/2021	13	550	460	324
02/12/2021	14	647	460	332
02/12/2021	15	647	460	326
02/12/2021	16	647	460	323
02/12/2021	17	550	460	322
02/12/2021	18	645	460	336
02/12/2021	19	647	460	344
02/12/2021	20	647	460	337
02/12/2021	21	590	460	325
02/12/2021	22	570	460	315
02/12/2021	23	550	460	309
02/12/2021	24	500	460	299
02/13/2021	1	521	435	277
02/13/2021	2	435	420	271
02/13/2021	3	435	420	265
02/13/2021	4	435	420	260
02/13/2021	5	435	420	260
02/13/2021	6	435	420	264
02/13/2021	7	456	435	267
02/13/2021	8	521	435	282
02/13/2021	9	580	435	302
02/13/2021	10	637	460	318
02/13/2021	11	647	460	328
02/13/2021	12	647	435	319
02/13/2021	13	647	435	320
02/13/2021	14	647	460	327
02/13/2021	15	647	460	326
02/13/2021	16	647	435	319
02/13/2021	17	546	435	307
02/13/2021	18	580	435	318
02/13/2021	19	647	460	329
02/13/2021	20	647	460	324
02/13/2021	21	647	460	319
02/13/2021	22	580	460	309
02/13/2021	23	556	435	297
02/13/2021	24	520	435	289
02/14/2021	1	456	435	264
02/14/2021	2	435	420	255
02/14/2021	3	435	420	248
02/14/2021	4	435	420	241
02/14/2021	5	435	420	240
02/14/2021	6	435	420	239
02/14/2021	7	435	420	236
02/14/2021	8	435	328	242
02/14/2021	9	435	410	255
02/14/2021	10	517	435	275
02/14/2021	11	647	435	287
02/14/2021	12	517	435	283
02/14/2021	13	586	435	285
02/14/2021	14	647	435	288
02/14/2021	15	647	435	283
02/14/2021	16	542	435	283
02/14/2021	17	456	435	277
02/14/2021	18	516	455	286
02/14/2021	19	647	460	306
02/14/2021	20	647	438	301
02/14/2021	21	647	460	296
02/14/2021	22	647	460	290
02/14/2021	23	516	435	280
02/14/2021	24	456	435	266
02/15/2021	1	579	435	263
02/15/2021	2	550	435	252
02/15/2021	3	520	435	246
02/15/2021	4	500	435	244
02/15/2021	5	480	435	246

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/15/2021	6	450	435	254
02/15/2021	7	480	435	271
02/15/2021	8	530	460	290
02/15/2021	9	540	460	320
02/15/2021	10	565	460	338
02/15/2021	11	647	460	346
02/15/2021	12	529	460	337
02/15/2021	13	550	460	336
02/15/2021	14	647	460	347
02/15/2021	15	647	460	342
02/15/2021	16	588	460	337
02/15/2021	17	550	460	321
02/15/2021	18	645	460	327
02/15/2021	19	647	460	327
02/15/2021	20	647	460	319
02/15/2021	21	590	460	311
02/15/2021	22	560	460	301
02/15/2021	23	540	460	290
02/15/2021	24	480	460	279
02/16/2021	1	565	435	273
02/16/2021	2	540	435	267
02/16/2021	3	520	435	261
02/16/2021	4	435	420	256
02/16/2021	5	476	435	261
02/16/2021	6	470	435	266
02/16/2021	7	480	435	271
02/16/2021	8	549	435	298
02/16/2021	9	560	460	321
02/16/2021	10	580	460	338
02/16/2021	11	590	460	352
02/16/2021	12	529	460	343
02/16/2021	13	550	460	343
02/16/2021	14	590	460	352
02/16/2021	15	632	460	349
02/16/2021	16	568	460	343
02/16/2021	17	541	460	329
02/16/2021	18	540	460	329
02/16/2021	19	550	460	332
02/16/2021	20	520	460	323
02/16/2021	21	523	460	316
02/16/2021	22	510	460	306
02/16/2021	23	517	460	293
02/16/2021	24	460	450	280
02/17/2021	1	565	435	273
02/17/2021	2	540	435	267
02/17/2021	3	520	435	261
02/17/2021	4	435	420	256
02/17/2021	5	476	435	261
02/17/2021	6	470	435	266
02/17/2021	7	480	435	271
02/17/2021	8	549	435	298
02/17/2021	9	560	460	321
02/17/2021	10	580	460	338
02/17/2021	11	590	460	352
02/17/2021	12	529	460	343
02/17/2021	13	550	460	343
02/17/2021	14	590	460	352
02/17/2021	15	632	460	349
02/17/2021	16	568	460	343
02/17/2021	17	541	460	329
02/17/2021	18	540	460	329
02/17/2021	19	550	460	332
02/17/2021	20	520	460	323
02/17/2021	21	523	460	316
02/17/2021	22	510	460	306

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/17/2021	23	517	460	293
02/17/2021	24	460	450	280
02/18/2021	1	580	435	274
02/18/2021	2	550	435	268
02/18/2021	3	518	435	262
02/18/2021	4	440	435	256
02/18/2021	5	480	435	259
02/18/2021	6	510	435	265
02/18/2021	7	512	435	270
02/18/2021	8	550	435	301
02/18/2021	9	560	460	324
02/18/2021	10	580	460	344
02/18/2021	11	584	460	358
02/18/2021	12	547	460	353
02/18/2021	13	550	460	353
02/18/2021	14	595	460	363
02/18/2021	15	582	460	361
02/18/2021	16	563	460	357
02/18/2021	17	520	460	337
02/18/2021	18	511	460	330
02/18/2021	19	550	460	340
02/18/2021	20	537	460	329
02/18/2021	21	532	460	325
02/18/2021	22	500	460	313
02/18/2021	23	480	460	298
02/18/2021	24	460	450	288
02/19/2021	1	590	435	276
02/19/2021	2	560	435	268
02/19/2021	3	520	435	262
02/19/2021	4	460	435	259
02/19/2021	5	480	435	261
02/19/2021	6	500	435	269
02/19/2021	7	524	435	282
02/19/2021	8	550	435	306
02/19/2021	9	560	460	328
02/19/2021	10	566	460	347
02/19/2021	11	580	460	355
02/19/2021	12	550	460	346
02/19/2021	13	540	460	346
02/19/2021	14	590	460	357
02/19/2021	15	570	460	353
02/19/2021	16	563	460	348
02/19/2021	17	520	460	331
02/19/2021	18	511	460	332
02/19/2021	19	550	460	335
02/19/2021	20	520	460	326
02/19/2021	21	510	460	319
02/19/2021	22	501	460	310
02/19/2021	23	470	460	299
02/19/2021	24	460	440	288
02/20/2021	1	456	435	278
02/20/2021	2	456	435	263
02/20/2021	3	435	420	255
02/20/2021	4	435	420	250
02/20/2021	5	435	420	256
02/20/2021	6	435	420	263
02/20/2021	7	435	420	265
02/20/2021	8	456	435	274
02/20/2021	9	456	435	292
02/20/2021	10	456	435	310
02/20/2021	11	456	435	319
02/20/2021	12	456	435	312
02/20/2021	13	456	435	311
02/20/2021	14	456	435	315
02/20/2021	15	456	435	313

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/20/2021	16	456	435	307
02/20/2021	17	456	435	298
02/20/2021	18	456	435	310
02/20/2021	19	458	435	319
02/20/2021	20	535	435	313
02/20/2021	21	456	435	309
02/20/2021	22	503	435	299
02/20/2021	23	477	435	293
02/20/2021	24	456	435	284
02/21/2021	1	570	435	262
02/21/2021	2	550	435	254
02/21/2021	3	520	435	244
02/21/2021	4	450	435	238
02/21/2021	5	446	435	235
02/21/2021	6	470	435	238
02/21/2021	7	490	435	241
02/21/2021	8	500	435	248
02/21/2021	9	533	435	264
02/21/2021	10	543	435	281
02/21/2021	11	562	435	288
02/21/2021	12	540	435	285
02/21/2021	13	530	435	280
02/21/2021	14	590	435	288
02/21/2021	15	539	435	283
02/21/2021	16	468	435	270
02/21/2021	17	520	435	276
02/21/2021	18	550	460	301
02/21/2021	19	570	460	302
02/21/2021	20	540	460	294
02/21/2021	21	510	460	287
02/21/2021	22	500	460	276
02/21/2021	23	460	450	263
02/21/2021	24	460	435	253
02/22/2021	1	570	435	268
02/22/2021	2	550	435	260
02/22/2021	3	520	435	254
02/22/2021	4	435	420	251
02/22/2021	5	446	435	253
02/22/2021	6	470	435	261
02/22/2021	7	490	435	274
02/22/2021	8	514	435	306
02/22/2021	9	533	460	334
02/22/2021	10	603	460	353
02/22/2021	11	647	460	361
02/22/2021	12	540	460	352
02/22/2021	13	530	460	352
02/22/2021	14	642	460	362
02/22/2021	15	596	460	359
02/22/2021	16	570	460	354
02/22/2021	17	520	460	337
02/22/2021	18	565	460	338
02/22/2021	19	619	460	341
02/22/2021	20	540	460	332
02/22/2021	21	510	460	325
02/22/2021	22	500	460	316
02/22/2021	23	460	450	305
02/22/2021	24	460	435	294
02/23/2021	1	550	435	270
02/23/2021	2	530	435	263
02/23/2021	3	499	435	256
02/23/2021	4	435	420	253
02/23/2021	5	472	435	255
02/23/2021	6	503	435	262
02/23/2021	7	484	435	274
02/23/2021	8	514	435	297

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/23/2021	9	520	460	321
02/23/2021	10	536	460	339
02/23/2021	11	635	460	350
02/23/2021	12	465	460	341
02/23/2021	13	460	450	340
02/23/2021	14	647	460	350
02/23/2021	15	647	460	348
02/23/2021	16	606	460	345
02/23/2021	17	565	460	330
02/23/2021	18	502	460	328
02/23/2021	19	591	460	332
02/23/2021	20	473	460	322
02/23/2021	21	472	460	315
02/23/2021	22	470	460	303
02/23/2021	23	460	450	292
02/23/2021	24	460	435	281
02/24/2021	1	520	435	273
02/24/2021	2	470	435	265
02/24/2021	3	450	435	258
02/24/2021	4	435	420	253
02/24/2021	5	440	435	254
02/24/2021	6	460	435	260
02/24/2021	7	440	435	274
02/24/2021	8	490	435	297
02/24/2021	9	500	460	324
02/24/2021	10	550	460	343
02/24/2021	11	580	460	360
02/24/2021	12	540	460	354
02/24/2021	13	530	460	353
02/24/2021	14	565	460	363
02/24/2021	15	507	460	359
02/24/2021	16	470	460	354
02/24/2021	17	460	440	337
02/24/2021	18	460	435	328
02/24/2021	19	470	460	339
02/24/2021	20	460	450	328
02/24/2021	21	460	440	323
02/24/2021	22	460	435	312
02/24/2021	23	460	435	300
02/24/2021	24	460	435	288
02/25/2021	1	587	435	286
02/25/2021	2	556	435	277
02/25/2021	3	520	435	270
02/25/2021	4	500	435	266
02/25/2021	5	510	435	267
02/25/2021	6	520	435	270
02/25/2021	7	530	435	277
02/25/2021	8	522	435	296
02/25/2021	9	550	435	306
02/25/2021	10	560	460	324
02/25/2021	11	580	460	338
02/25/2021	12	540	460	334
02/25/2021	13	530	460	333
02/25/2021	14	590	460	338
02/25/2021	15	563	460	337
02/25/2021	16	530	460	336
02/25/2021	17	500	460	332
02/25/2021	18	535	460	345
02/25/2021	19	520	460	346
02/25/2021	20	530	460	344
02/25/2021	21	540	460	338
02/25/2021	22	530	460	331
02/25/2021	23	500	460	314
02/25/2021	24	480	460	300
02/26/2021	1	587	435	269

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/26/2021	2	556	435	261
02/26/2021	3	520	435	254
02/26/2021	4	500	435	249
02/26/2021	5	510	435	250
02/26/2021	6	520	435	256
02/26/2021	7	530	435	270
02/26/2021	8	522	435	297
02/26/2021	9	550	460	322
02/26/2021	10	560	460	342
02/26/2021	11	629	460	359
02/26/2021	12	540	460	353
02/26/2021	13	530	460	351
02/26/2021	14	647	460	362
02/26/2021	15	600	460	358
02/26/2021	16	530	460	353
02/26/2021	17	520	460	335
02/26/2021	18	535	460	326
02/26/2021	19	540	460	337
02/26/2021	20	530	460	327
02/26/2021	21	540	460	321
02/26/2021	22	520	460	311
02/26/2021	23	490	460	298
02/26/2021	24	470	460	287
02/27/2021	1	570	435	279
02/27/2021	2	540	435	271
02/27/2021	3	520	435	264
02/27/2021	4	500	435	258
02/27/2021	5	510	435	258
02/27/2021	6	520	435	259
02/27/2021	7	530	435	264
02/27/2021	8	522	435	280
02/27/2021	9	520	460	298
02/27/2021	10	560	460	316
02/27/2021	11	590	460	325
02/27/2021	12	540	460	318
02/27/2021	13	520	460	317
02/27/2021	14	615	460	322
02/27/2021	15	598	460	319
02/27/2021	16	510	460	313
02/27/2021	17	517	460	304
02/27/2021	18	535	460	316
02/27/2021	19	540	460	325
02/27/2021	20	530	460	319
02/27/2021	21	540	460	314
02/27/2021	22	520	460	305
02/27/2021	23	490	460	293
02/27/2021	24	470	460	284
02/28/2021	1	422	420	251
02/28/2021	2	420	402	244
02/28/2021	3	420	419	237
02/28/2021	4	420	331	234
02/28/2021	5	420	330	235
02/28/2021	6	420	249	234
02/28/2021	7	420	293	237
02/28/2021	8	401	290	248
02/28/2021	9	427	290	259
02/28/2021	10	468	290	275
02/28/2021	11	480	420	287
02/28/2021	12	428	428	283
02/28/2021	13	432	429	282
02/28/2021	14	420	393	285
02/28/2021	15	445	420	284
02/28/2021	16	420	412	284
02/28/2021	17	445	420	283
02/28/2021	18	480	431	298

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/28/2021	19	524	435	317
02/28/2021	20	451	431	307
02/28/2021	21	458	432	299
02/28/2021	22	502	434	289
02/28/2021	23	433	420	277
02/28/2021	24	420	414	264
03/01/2021	1	570	420	270
03/01/2021	2	540	420	262
03/01/2021	3	520	420	255
03/01/2021	4	500	420	250
03/01/2021	5	510	420	250
03/01/2021	6	520	420	256
03/01/2021	7	530	420	271
03/01/2021	8	522	420	297
03/01/2021	9	520	460	322
03/01/2021	10	560	460	341
03/01/2021	11	647	460	358
03/01/2021	12	643	460	352
03/01/2021	13	557	460	351
03/01/2021	14	647	460	361
03/01/2021	15	647	460	358
03/01/2021	16	510	460	352
03/01/2021	17	517	460	335
03/01/2021	18	535	460	326
03/01/2021	19	540	460	337
03/01/2021	20	530	460	326
03/01/2021	21	540	460	321
03/01/2021	22	520	460	311
03/01/2021	23	490	460	298
03/01/2021	24	470	460	286
03/02/2021	1	590	460	292
03/02/2021	2	550	460	284
03/02/2021	3	530	460	276
03/02/2021	4	500	460	272
03/02/2021	5	510	460	276
03/02/2021	6	520	460	283
03/02/2021	7	530	460	293
03/02/2021	8	570	460	321
03/02/2021	9	647	460	349
03/02/2021	10	647	460	368
03/02/2021	11	647	460	381
03/02/2021	12	647	460	373
03/02/2021	13	647	460	372
03/02/2021	14	647	460	384
03/02/2021	15	647	460	381
03/02/2021	16	647	460	377
03/02/2021	17	647	460	360
03/02/2021	18	647	460	356
03/02/2021	19	647	460	363
03/02/2021	20	647	460	352
03/02/2021	21	647	460	345
03/02/2021	22	647	460	330
03/02/2021	23	550	460	317
03/02/2021	24	480	460	305
03/03/2021	1	590	460	298
03/03/2021	2	550	460	280
03/03/2021	3	530	460	272
03/03/2021	4	500	460	267
03/03/2021	5	510	460	269
03/03/2021	6	520	460	276
03/03/2021	7	530	460	290
03/03/2021	8	570	460	321
03/03/2021	9	647	460	351
03/03/2021	10	647	460	372
03/03/2021	11	647	460	387

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/03/2021	12	647	460	381
03/03/2021	13	647	460	382
03/03/2021	14	647	460	394
03/03/2021	15	647	460	390
03/03/2021	16	647	460	384
03/03/2021	17	647	460	364
03/03/2021	18	647	460	354
03/03/2021	19	647	460	365
03/03/2021	20	647	460	356
03/03/2021	21	647	460	351
03/03/2021	22	647	460	341
03/03/2021	23	647	460	328
03/03/2021	24	647	460	315
03/04/2021	1	647	460	314
03/04/2021	2	580	460	294
03/04/2021	3	550	460	287
03/04/2021	4	510	460	281
03/04/2021	5	530	460	284
03/04/2021	6	550	460	287
03/04/2021	7	560	460	297
03/04/2021	8	590	460	328
03/04/2021	9	647	460	353
03/04/2021	10	647	460	373
03/04/2021	11	647	460	387
03/04/2021	12	647	460	380
03/04/2021	13	647	460	379
03/04/2021	14	647	460	393
03/04/2021	15	647	460	392
03/04/2021	16	647	460	386
03/04/2021	17	647	460	363
03/04/2021	18	647	460	358
03/04/2021	19	647	460	369
03/04/2021	20	647	460	358
03/04/2021	21	647	460	351
03/04/2021	22	647	460	340
03/04/2021	23	647	460	327
03/04/2021	24	647	460	312
03/05/2021	1	460	420	296
03/05/2021	2	460	420	287
03/05/2021	3	460	420	279
03/05/2021	4	460	420	272
03/05/2021	5	460	420	271
03/05/2021	6	460	420	278
03/05/2021	7	460	420	284
03/05/2021	8	460	420	321
03/05/2021	9	460	420	350
03/05/2021	10	460	420	368
03/05/2021	11	460	420	381
03/05/2021	12	460	420	375
03/05/2021	13	460	420	374
03/05/2021	14	460	420	386
03/05/2021	15	460	420	379
03/05/2021	16	460	420	371
03/05/2021	17	460	420	350
03/05/2021	18	460	420	337
03/05/2021	19	460	420	354
03/05/2021	20	460	420	347
03/05/2021	21	460	420	343
03/05/2021	22	460	420	338
03/05/2021	23	460	420	325
03/05/2021	24	460	420	311
03/06/2021	1	590	460	312
03/06/2021	2	550	460	303
03/06/2021	3	520	460	294
03/06/2021	4	490	460	287

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/06/2021	5	460	460	284
03/06/2021	6	460	450	283
03/06/2021	7	460	460	286
03/06/2021	8	500	460	296
03/06/2021	9	510	460	319
03/06/2021	10	550	460	337
03/06/2021	11	570	460	352
03/06/2021	12	530	460	349
03/06/2021	13	540	460	352
03/06/2021	14	647	460	366
03/06/2021	15	590	460	363
03/06/2021	16	580	460	358
03/06/2021	17	520	460	342
03/06/2021	18	500	460	341
03/06/2021	19	647	460	359
03/06/2021	20	599	460	352
03/06/2021	21	531	460	349
03/06/2021	22	547	460	342
03/06/2021	23	550	460	331
03/06/2021	24	500	460	319
03/07/2021	1	556	460	299
03/07/2021	2	523	460	289
03/07/2021	3	537	460	282
03/07/2021	4	494	460	273
03/07/2021	5	460	431	270
03/07/2021	6	460	420	267
03/07/2021	7	460	420	260
03/07/2021	8	420	416	269
03/07/2021	9	435	420	285
03/07/2021	10	462	460	300
03/07/2021	11	497	460	314
03/07/2021	12	550	460	312
03/07/2021	13	460	449	311
03/07/2021	14	515	460	314
03/07/2021	15	574	460	316
03/07/2021	16	582	460	312
03/07/2021	17	582	460	304
03/07/2021	18	600	460	311
03/07/2021	19	629	460	335
03/07/2021	20	629	460	332
03/07/2021	21	632	460	328
03/07/2021	22	631	460	322
03/07/2021	23	638	460	313
03/07/2021	24	603	460	302
03/08/2021	1	580	460	288
03/08/2021	2	540	460	279
03/08/2021	3	520	460	271
03/08/2021	4	480	460	264
03/08/2021	5	460	450	263
03/08/2021	6	460	440	270
03/08/2021	7	460	460	276
03/08/2021	8	500	460	321
03/08/2021	9	590	460	354
03/08/2021	10	647	460	372
03/08/2021	11	647	460	385
03/08/2021	12	647	460	379
03/08/2021	13	647	460	378
03/08/2021	14	647	460	390
03/08/2021	15	647	460	383
03/08/2021	16	647	460	376
03/08/2021	17	506	460	354
03/08/2021	18	500	460	341
03/08/2021	19	616	460	358
03/08/2021	20	550	460	352
03/08/2021	21	530	460	348

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/08/2021	22	562	460	342
03/08/2021	23	572	460	329
03/08/2021	24	510	460	316
03/09/2021	1	647	460	293
03/09/2021	2	579	460	283
03/09/2021	3	520	460	277
03/09/2021	4	480	460	273
03/09/2021	5	460	450	273
03/09/2021	6	460	440	279
03/09/2021	7	460	460	291
03/09/2021	8	500	460	318
03/09/2021	9	590	460	340
03/09/2021	10	643	460	357
03/09/2021	11	647	460	374
03/09/2021	12	647	460	370
03/09/2021	13	647	460	373
03/09/2021	14	647	460	386
03/09/2021	15	647	460	387
03/09/2021	16	647	460	380
03/09/2021	17	647	460	355
03/09/2021	18	550	460	338
03/09/2021	19	647	460	354
03/09/2021	20	647	460	349
03/09/2021	21	647	460	345
03/09/2021	22	647	460	338
03/09/2021	23	647	460	327
03/09/2021	24	647	460	314
03/10/2021	1	590	460	299
03/10/2021	2	550	460	289
03/10/2021	3	520	460	280
03/10/2021	4	480	460	274
03/10/2021	5	460	440	275
03/10/2021	6	460	430	280
03/10/2021	7	460	450	281
03/10/2021	8	500	460	314
03/10/2021	9	550	460	344
03/10/2021	10	570	460	364
03/10/2021	11	580	460	376
03/10/2021	12	570	460	371
03/10/2021	13	580	460	371
03/10/2021	14	647	460	383
03/10/2021	15	647	460	380
03/10/2021	16	647	460	374
03/10/2021	17	550	460	354
03/10/2021	18	550	460	342
03/10/2021	19	560	460	354
03/10/2021	20	540	460	347
03/10/2021	21	530	460	343
03/10/2021	22	530	460	334
03/10/2021	23	520	460	321
03/10/2021	24	500	460	308
03/11/2021	1	570	460	295
03/11/2021	2	540	460	285
03/11/2021	3	520	460	276
03/11/2021	4	490	460	271
03/11/2021	5	460	450	271
03/11/2021	6	460	440	274
03/11/2021	7	470	460	275
03/11/2021	8	500	460	303
03/11/2021	9	550	460	327
03/11/2021	10	580	460	347
03/11/2021	11	647	460	361
03/11/2021	12	570	460	354
03/11/2021	13	519	460	338
03/11/2021	14	647	460	368

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/11/2021	15	647	460	366
03/11/2021	16	647	460	361
03/11/2021	17	520	460	343
03/11/2021	18	550	460	337
03/11/2021	19	560	460	351
03/11/2021	20	540	460	342
03/11/2021	21	530	460	337
03/11/2021	22	518	460	326
03/11/2021	23	510	460	313
03/11/2021	24	500	460	300
03/12/2021	1	570	460	295
03/12/2021	2	540	460	285
03/12/2021	3	520	460	276
03/12/2021	4	490	460	271
03/12/2021	5	460	450	271
03/12/2021	6	460	440	274
03/12/2021	7	470	460	275
03/12/2021	8	500	460	303
03/12/2021	9	550	460	327
03/12/2021	10	580	460	347
03/12/2021	11	647	460	361
03/12/2021	12	570	460	354
03/12/2021	13	519	460	338
03/12/2021	14	647	460	368
03/12/2021	15	647	460	366
03/12/2021	16	647	460	361
03/12/2021	17	520	460	343
03/12/2021	18	550	460	337
03/12/2021	19	560	460	351
03/12/2021	20	540	460	342
03/12/2021	21	530	460	337
03/12/2021	22	518	460	326
03/12/2021	23	510	460	313
03/12/2021	24	500	460	300
03/13/2021	1	590	460	308
03/13/2021	2	535	460	295
03/13/2021	3	508	460	285
03/13/2021	4	470	460	279
03/13/2021	5	460	440	276
03/13/2021	6	460	440	274
03/13/2021	7	460	450	273
03/13/2021	8	500	460	291
03/13/2021	9	570	460	312
03/13/2021	10	585	460	330
03/13/2021	11	647	460	343
03/13/2021	12	550	460	339
03/13/2021	13	580	460	342
03/13/2021	14	647	460	354
03/13/2021	15	647	460	352
03/13/2021	16	570	460	346
03/13/2021	17	520	460	331
03/13/2021	18	550	460	329
03/13/2021	19	647	460	347
03/13/2021	20	558	460	342
03/13/2021	21	540	460	339
03/13/2021	22	520	460	331
03/13/2021	23	530	460	320
03/13/2021	24	512	460	310
03/14/2021	1	643	460	292
03/14/2021	2	643	416	279
03/14/2021	3	487	416	273
03/14/2021	4	456	416	262
03/14/2021	5	416	405	256
03/14/2021	6	416	406	250
03/14/2021	7	456	416	247

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/14/2021	8	455	416	257
03/14/2021	9	455	416	271
03/14/2021	10	600	416	289
03/14/2021	11	639	416	300
03/14/2021	12	641	416	300
03/14/2021	13	633	430	302
03/14/2021	14	641	454	308
03/14/2021	15	637	455	307
03/14/2021	16	641	460	301
03/14/2021	17	643	421	291
03/14/2021	18	640	456	299
03/14/2021	19	640	460	320
03/14/2021	20	643	459	321
03/14/2021	21	640	460	317
03/14/2021	22	640	460	308
03/14/2021	23	645	459	298
03/14/2021	24	522	440	284
03/15/2021	1	580	460	284
03/15/2021	2	530	460	275
03/15/2021	3	510	460	266
03/15/2021	4	460	460	260
03/15/2021	5	460	420	258
03/15/2021	6	460	440	266
03/15/2021	7	460	450	272
03/15/2021	8	500	460	321
03/15/2021	9	570	460	350
03/15/2021	10	647	460	368
03/15/2021	11	647	460	381
03/15/2021	12	580	460	374
03/15/2021	13	580	460	374
03/15/2021	14	647	460	385
03/15/2021	15	647	460	379
03/15/2021	16	647	460	371
03/15/2021	17	520	460	350
03/15/2021	18	550	460	336
03/15/2021	19	647	460	354
03/15/2021	20	544	460	347
03/15/2021	21	530	460	343
03/15/2021	22	520	460	338
03/15/2021	23	530	460	325
03/15/2021	24	487	460	311
03/16/2021	1	590	455	294
03/16/2021	2	540	455	285
03/16/2021	3	520	455	276
03/16/2021	4	455	450	271
03/16/2021	5	455	420	271
03/16/2021	6	455	440	273
03/16/2021	7	455	450	285
03/16/2021	8	470	460	311
03/16/2021	9	500	460	339
03/16/2021	10	550	460	357
03/16/2021	11	570	460	371
03/16/2021	12	540	460	364
03/16/2021	13	550	460	366
03/16/2021	14	647	460	379
03/16/2021	15	647	460	378
03/16/2021	16	631	460	372
03/16/2021	17	460	455	349
03/16/2021	18	460	455	335
03/16/2021	19	520	460	350
03/16/2021	20	510	460	344
03/16/2021	21	500	460	340
03/16/2021	22	500	460	332
03/16/2021	23	460	460	320
03/16/2021	24	460	455	307

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/17/2021	1	602	460	307
03/17/2021	2	550	460	297
03/17/2021	3	520	455	289
03/17/2021	4	470	455	283
03/17/2021	5	455	420	283
03/17/2021	6	455	440	288
03/17/2021	7	455	450	301
03/17/2021	8	470	460	327
03/17/2021	9	483	460	357
03/17/2021	10	527	460	378
03/17/2021	11	566	460	393
03/17/2021	12	540	460	386
03/17/2021	13	550	460	386
03/17/2021	14	647	460	398
03/17/2021	15	647	460	394
03/17/2021	16	591	460	387
03/17/2021	17	460	460	365
03/17/2021	18	460	455	354
03/17/2021	19	520	460	367
03/17/2021	20	510	460	357
03/17/2021	21	500	460	355
03/17/2021	22	500	460	345
03/17/2021	23	490	460	331
03/17/2021	24	460	455	318
03/18/2021	1	602	460	326
03/18/2021	2	550	460	310
03/18/2021	3	520	455	300
03/18/2021	4	470	455	293
03/18/2021	5	455	420	292
03/18/2021	6	440	405	294
03/18/2021	7	450	400	301
03/18/2021	8	470	460	327
03/18/2021	9	514	460	355
03/18/2021	10	527	460	376
03/18/2021	11	647	460	392
03/18/2021	12	647	460	386
03/18/2021	13	647	460	386
03/18/2021	14	647	460	400
03/18/2021	15	647	460	398
03/18/2021	16	591	460	392
03/18/2021	17	495	460	371
03/18/2021	18	460	455	362
03/18/2021	19	647	460	381
03/18/2021	20	647	460	373
03/18/2021	21	647	460	370
03/18/2021	22	647	460	362
03/18/2021	23	490	460	348
03/18/2021	24	460	455	335
03/19/2021	1	647	455	323
03/19/2021	2	550	455	311
03/19/2021	3	520	455	303
03/19/2021	4	470	455	298
03/19/2021	5	455	445	297
03/19/2021	6	455	445	284
03/19/2021	7	455	450	295
03/19/2021	8	470	455	321
03/19/2021	9	580	455	362
03/19/2021	10	647	455	385
03/19/2021	11	647	455	396
03/19/2021	12	615	455	390
03/19/2021	13	647	455	390
03/19/2021	14	647	455	407
03/19/2021	15	647	455	401
03/19/2021	16	647	455	391
03/19/2021	17	580	455	370

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/19/2021	18	570	455	362
03/19/2021	19	647	455	377
03/19/2021	20	580	455	371
03/19/2021	21	565	455	368
03/19/2021	22	520	455	358
03/19/2021	23	500	455	347
03/19/2021	24	480	455	333
03/20/2021	1	647	460	329
03/20/2021	2	570	460	317
03/20/2021	3	540	460	310
03/20/2021	4	497	460	303
03/20/2021	5	460	455	299
03/20/2021	6	460	460	299
03/20/2021	7	490	460	304
03/20/2021	8	470	460	313
03/20/2021	9	490	460	319
03/20/2021	10	550	460	327
03/20/2021	11	570	460	341
03/20/2021	12	550	460	338
03/20/2021	13	540	460	341
03/20/2021	14	590	460	354
03/20/2021	15	550	460	352
03/20/2021	16	540	460	347
03/20/2021	17	520	460	331
03/20/2021	18	500	460	330
03/20/2021	19	550	460	348
03/20/2021	20	530	460	341
03/20/2021	21	500	460	338
03/20/2021	22	480	460	331
03/20/2021	23	479	460	321
03/20/2021	24	460	455	309
03/21/2021	1	590	460	314
03/21/2021	2	550	460	303
03/21/2021	3	520	460	295
03/21/2021	4	500	460	290
03/21/2021	5	480	460	289
03/21/2021	6	500	460	294
03/21/2021	7	500	460	301
03/21/2021	8	550	460	336
03/21/2021	9	560	460	365
03/21/2021	10	570	460	385
03/21/2021	11	647	460	399
03/21/2021	12	552	460	390
03/21/2021	13	647	460	393
03/21/2021	14	647	460	407
03/21/2021	15	647	460	407
03/21/2021	16	647	460	398
03/21/2021	17	553	460	375
03/21/2021	18	480	460	362
03/21/2021	19	550	460	377
03/21/2021	20	551	460	372
03/21/2021	21	570	460	369
03/21/2021	22	528	460	360
03/21/2021	23	555	460	348
03/21/2021	24	529	460	333
03/22/2021	1	590	460	284
03/22/2021	2	550	460	275
03/22/2021	3	520	460	267
03/22/2021	4	460	460	261
03/22/2021	5	460	455	259
03/22/2021	6	460	460	267
03/22/2021	7	490	460	272
03/22/2021	8	580	460	321
03/22/2021	9	647	460	358
03/22/2021	10	647	460	378

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/22/2021	11	647	460	395
03/22/2021	12	647	460	389
03/22/2021	13	647	460	389
03/22/2021	14	647	460	403
03/22/2021	15	647	460	401
03/22/2021	16	647	460	395
03/22/2021	17	647	460	373
03/22/2021	18	602	460	365
03/22/2021	19	647	460	383
03/22/2021	20	647	460	376
03/22/2021	21	647	460	373
03/22/2021	22	647	460	365
03/22/2021	23	647	460	351
03/22/2021	24	647	460	338
03/23/2021	1	590	460	314
03/23/2021	2	550	460	303
03/23/2021	3	520	460	295
03/23/2021	4	500	460	290
03/23/2021	5	480	460	289
03/23/2021	6	500	460	294
03/23/2021	7	500	460	301
03/23/2021	8	550	460	336
03/23/2021	9	560	460	365
03/23/2021	10	570	460	385
03/23/2021	11	647	460	399
03/23/2021	12	552	460	390
03/23/2021	13	647	460	393
03/23/2021	14	647	460	407
03/23/2021	15	647	460	407
03/23/2021	16	647	460	398
03/23/2021	17	553	460	375
03/23/2021	18	480	460	362
03/23/2021	19	550	460	377
03/23/2021	20	551	460	372
03/23/2021	21	570	460	369
03/23/2021	22	528	460	360
03/23/2021	23	555	460	348
03/23/2021	24	529	460	333
03/24/2021	1	580	460	314
03/24/2021	2	540	460	303
03/24/2021	3	510	455	294
03/24/2021	4	490	455	288
03/24/2021	5	470	455	287
03/24/2021	6	500	455	290
03/24/2021	7	500	455	292
03/24/2021	8	570	455	327
03/24/2021	9	603	455	357
03/24/2021	10	647	460	378
03/24/2021	11	647	460	391
03/24/2021	12	647	460	385
03/24/2021	13	647	460	388
03/24/2021	14	647	460	401
03/24/2021	15	647	460	398
03/24/2021	16	647	460	390
03/24/2021	17	647	460	367
03/24/2021	18	554	460	354
03/24/2021	19	545	460	369
03/24/2021	20	580	460	363
03/24/2021	21	615	460	362
03/24/2021	22	647	460	353
03/24/2021	23	647	460	339
03/24/2021	24	574	460	327
03/25/2021	1	647	460	325
03/25/2021	2	590	460	312
03/25/2021	3	550	460	301

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/25/2021	4	500	455	295
03/25/2021	5	526	455	295
03/25/2021	6	544	455	299
03/25/2021	7	550	455	299
03/25/2021	8	597	455	328
03/25/2021	9	608	455	359
03/25/2021	10	647	460	380
03/25/2021	11	647	460	396
03/25/2021	12	647	460	389
03/25/2021	13	647	460	389
03/25/2021	14	647	460	405
03/25/2021	15	647	460	403
03/25/2021	16	647	460	396
03/25/2021	17	647	460	374
03/25/2021	18	647	460	360
03/25/2021	19	647	460	375
03/25/2021	20	647	460	368
03/25/2021	21	647	460	366
03/25/2021	22	647	460	352
03/25/2021	23	647	460	338
03/25/2021	24	550	460	330
03/26/2021	1	580	460	310
03/26/2021	2	530	460	299
03/26/2021	3	510	460	290
03/26/2021	4	480	455	286
03/26/2021	5	490	455	285
03/26/2021	6	520	455	292
03/26/2021	7	512	455	297
03/26/2021	8	512	455	319
03/26/2021	9	550	455	342
03/26/2021	10	582	460	365
03/26/2021	11	647	460	372
03/26/2021	12	550	460	369
03/26/2021	13	580	460	368
03/26/2021	14	604	460	379
03/26/2021	15	580	460	375
03/26/2021	16	570	460	367
03/26/2021	17	560	460	350
03/26/2021	18	510	460	345
03/26/2021	19	560	460	358
03/26/2021	20	520	460	353
03/26/2021	21	560	460	350
03/26/2021	22	520	460	341
03/26/2021	23	576	460	330
03/26/2021	24	492	460	318
03/27/2021	1	600	460	311
03/27/2021	2	550	460	302
03/27/2021	3	510	460	291
03/27/2021	4	480	455	284
03/27/2021	5	490	455	280
03/27/2021	6	510	455	279
03/27/2021	7	484	455	271
03/27/2021	8	510	455	296
03/27/2021	9	530	455	319
03/27/2021	10	550	460	337
03/27/2021	11	553	460	350
03/27/2021	12	540	460	345
03/27/2021	13	530	460	348
03/27/2021	14	570	460	361
03/27/2021	15	569	460	360
03/27/2021	16	540	460	354
03/27/2021	17	510	460	337
03/27/2021	18	490	460	336
03/27/2021	19	604	460	354
03/27/2021	20	559	460	350

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/27/2021	21	520	460	347
03/27/2021	22	510	460	340
03/27/2021	23	550	460	329
03/27/2021	24	498	460	316
03/28/2021	1	616	460	312
03/28/2021	2	550	460	301
03/28/2021	3	510	460	290
03/28/2021	4	480	455	280
03/28/2021	5	490	455	276
03/28/2021	6	510	455	270
03/28/2021	7	484	455	266
03/28/2021	8	510	455	273
03/28/2021	9	530	455	289
03/28/2021	10	557	460	308
03/28/2021	11	553	460	319
03/28/2021	12	540	460	317
03/28/2021	13	534	460	323
03/28/2021	14	561	460	325
03/28/2021	15	569	460	321
03/28/2021	16	540	460	320
03/28/2021	17	510	460	310
03/28/2021	18	490	460	315
03/28/2021	19	647	460	337
03/28/2021	20	559	460	334
03/28/2021	21	563	460	334
03/28/2021	22	600	460	332
03/28/2021	23	550	460	322
03/28/2021	24	498	460	308
03/29/2021	1	570	460	284
03/29/2021	2	520	460	275
03/29/2021	3	500	460	266
03/29/2021	4	485	455	260
03/29/2021	5	460	455	258
03/29/2021	6	490	455	266
03/29/2021	7	456	455	272
03/29/2021	8	560	455	321
03/29/2021	9	647	455	342
03/29/2021	10	647	460	365
03/29/2021	11	647	460	377
03/29/2021	12	647	460	371
03/29/2021	13	647	460	375
03/29/2021	14	647	460	388
03/29/2021	15	647	460	386
03/29/2021	16	647	460	379
03/29/2021	17	550	460	356
03/29/2021	18	512	460	342
03/29/2021	19	647	460	357
03/29/2021	20	621	460	352
03/29/2021	21	520	460	351
03/29/2021	22	510	460	344
03/29/2021	23	629	460	332
03/29/2021	24	576	460	319
03/30/2021	1	580	460	302
03/30/2021	2	520	460	293
03/30/2021	3	500	460	284
03/30/2021	4	480	455	279
03/30/2021	5	470	455	279
03/30/2021	6	480	460	283
03/30/2021	7	460	455	288
03/30/2021	8	570	460	317
03/30/2021	9	647	460	350
03/30/2021	10	647	460	369
03/30/2021	11	647	460	379
03/30/2021	12	647	460	371
03/30/2021	13	647	460	371

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/30/2021	14	647	460	384
03/30/2021	15	647	460	381
03/30/2021	16	647	460	377
03/30/2021	17	647	460	356
03/30/2021	18	580	460	345
03/30/2021	19	647	460	359
03/30/2021	20	647	460	351
03/30/2021	21	625	460	348
03/30/2021	22	580	460	344
03/30/2021	23	550	460	334
03/30/2021	24	544	460	319
03/31/2021	1	570	460	299
03/31/2021	2	510	460	284
03/31/2021	3	500	455	276
03/31/2021	4	470	455	271
03/31/2021	5	455	450	270
03/31/2021	6	470	460	274
03/31/2021	7	471	460	276
03/31/2021	8	520	460	305
03/31/2021	9	540	460	334
03/31/2021	10	578	460	353
03/31/2021	11	647	460	365
03/31/2021	12	580	460	358
03/31/2021	13	572	460	359
03/31/2021	14	647	460	370
03/31/2021	15	647	460	367
03/31/2021	16	566	460	360
03/31/2021	17	521	460	337
03/31/2021	18	510	460	326
03/31/2021	19	580	460	339
03/31/2021	20	540	460	330
03/31/2021	21	520	460	331
03/31/2021	22	500	460	323
03/31/2021	23	480	460	306
03/31/2021	24	460	455	300
04/01/2021	1	570	460	296
04/01/2021	2	510	460	282
04/01/2021	3	500	455	272
04/01/2021	4	470	455	265
04/01/2021	5	455	450	265
04/01/2021	6	470	460	270
04/01/2021	7	471	460	278
04/01/2021	8	520	460	307
04/01/2021	9	647	460	333
04/01/2021	10	647	460	352
04/01/2021	11	647	460	368
04/01/2021	12	647	460	361
04/01/2021	13	647	460	360
04/01/2021	14	647	460	373
04/01/2021	15	647	460	371
04/01/2021	16	647	460	364
04/01/2021	17	554	460	344
04/01/2021	18	510	460	333
04/01/2021	19	580	460	346
04/01/2021	20	540	460	340
04/01/2021	21	592	460	338
04/01/2021	22	511	460	331
04/01/2021	23	574	460	317
04/01/2021	24	537	460	306
04/02/2021	1	584	460	303
04/02/2021	2	520	460	290
04/02/2021	3	500	460	280
04/02/2021	4	480	460	274
04/02/2021	5	460	460	263
04/02/2021	6	460	380	244

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/02/2021	7	456	380	235
04/02/2021	8	584	380	248
04/02/2021	9	560	380	261
04/02/2021	10	583	380	264
04/02/2021	11	591	380	277
04/02/2021	12	560	380	278
04/02/2021	13	575	380	280
04/02/2021	14	560	380	288
04/02/2021	15	560	380	289
04/02/2021	16	560	380	282
04/02/2021	17	560	380	271
04/02/2021	18	550	380	273
04/02/2021	19	647	380	291
04/02/2021	20	647	400	302
04/02/2021	21	647	460	313
04/02/2021	22	576	460	321
04/02/2021	23	629	400	313
04/02/2021	24	579	400	303
04/03/2021	1	570	455	286
04/03/2021	2	520	455	275
04/03/2021	3	500	455	267
04/03/2021	4	455	450	262
04/03/2021	5	470	455	255
04/03/2021	6	480	455	241
04/03/2021	7	455	450	241
04/03/2021	8	530	455	255
04/03/2021	9	530	455	262
04/03/2021	10	555	455	279
04/03/2021	11	568	455	286
04/03/2021	12	550	455	283
04/03/2021	13	515	455	278
04/03/2021	14	520	455	287
04/03/2021	15	478	455	281
04/03/2021	16	455	420	269
04/03/2021	17	460	455	274
04/03/2021	18	580	455	300
04/03/2021	19	647	455	300
04/03/2021	20	647	455	292
04/03/2021	21	573	455	285
04/03/2021	22	525	455	274
04/03/2021	23	490	455	261
04/03/2021	24	455	425	251
04/04/2021	1	570	455	295
04/04/2021	2	520	455	284
04/04/2021	3	500	455	273
04/04/2021	4	455	450	264
04/04/2021	5	450	400	258
04/04/2021	6	480	455	248
04/04/2021	7	450	408	247
04/04/2021	8	530	400	256
04/04/2021	9	530	428	269
04/04/2021	10	563	410	283
04/04/2021	11	568	425	295
04/04/2021	12	500	320	292
04/04/2021	13	515	350	296
04/04/2021	14	520	350	302
04/04/2021	15	500	350	301
04/04/2021	16	476	350	293
04/04/2021	17	460	350	285
04/04/2021	18	600	413	293
04/04/2021	19	647	416	320
04/04/2021	20	647	416	326
04/04/2021	21	600	416	335
04/04/2021	22	525	455	332
04/04/2021	23	490	455	319

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/04/2021	24	455	425	305
04/05/2021	1	560	455	284
04/05/2021	2	510	455	275
04/05/2021	3	500	455	266
04/05/2021	4	455	450	260
04/05/2021	5	470	455	258
04/05/2021	6	480	455	266
04/05/2021	7	460	455	272
04/05/2021	8	550	460	321
04/05/2021	9	555	460	357
04/05/2021	10	647	460	375
04/05/2021	11	647	460	388
04/05/2021	12	550	460	382
04/05/2021	13	515	460	381
04/05/2021	14	647	460	393
04/05/2021	15	478	460	386
04/05/2021	16	460	455	378
04/05/2021	17	465	460	357
04/05/2021	18	493	460	343
04/05/2021	19	590	460	361
04/05/2021	20	570	460	354
04/05/2021	21	550	460	350
04/05/2021	22	520	460	345
04/05/2021	23	550	460	332
04/05/2021	24	460	455	318
04/06/2021	1	647	460	313
04/06/2021	2	580	460	304
04/06/2021	3	550	460	294
04/06/2021	4	510	460	286
04/06/2021	5	500	460	286
04/06/2021	6	536	455	287
04/06/2021	7	520	460	300
04/06/2021	8	550	460	323
04/06/2021	9	647	460	350
04/06/2021	10	647	460	366
04/06/2021	11	647	460	377
04/06/2021	12	532	460	373
04/06/2021	13	520	460	376
04/06/2021	14	647	460	389
04/06/2021	15	587	460	379
04/06/2021	16	590	460	380
04/06/2021	17	460	455	356
04/06/2021	18	460	455	343
04/06/2021	19	591	460	363
04/06/2021	20	553	460	360
04/06/2021	21	580	460	363
04/06/2021	22	570	460	362
04/06/2021	23	550	460	350
04/06/2021	24	500	460	331
04/07/2021	1	647	460	337
04/07/2021	2	642	460	322
04/07/2021	3	577	460	308
04/07/2021	4	510	460	298
04/07/2021	5	500	460	293
04/07/2021	6	536	455	289
04/07/2021	7	520	460	300
04/07/2021	8	550	460	324
04/07/2021	9	570	460	345
04/07/2021	10	580	460	360
04/07/2021	11	647	460	371
04/07/2021	12	500	460	370
04/07/2021	13	520	460	373
04/07/2021	14	647	460	390
04/07/2021	15	647	460	384
04/07/2021	16	647	460	370

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/07/2021	17	460	455	343
04/07/2021	18	460	455	332
04/07/2021	19	591	460	359
04/07/2021	20	543	460	361
04/07/2021	21	647	460	366
04/07/2021	22	571	460	365
04/07/2021	23	550	460	352
04/07/2021	24	503	460	338
04/08/2021	1	647	460	317
04/08/2021	2	638	460	301
04/08/2021	3	580	455	292
04/08/2021	4	515	455	283
04/08/2021	5	500	455	280
04/08/2021	6	536	455	278
04/08/2021	7	520	455	283
04/08/2021	8	550	460	308
04/08/2021	9	580	460	336
04/08/2021	10	599	460	356
04/08/2021	11	647	460	369
04/08/2021	12	522	460	365
04/08/2021	13	569	460	369
04/08/2021	14	647	460	384
04/08/2021	15	647	460	384
04/08/2021	16	647	460	373
04/08/2021	17	548	460	349
04/08/2021	18	471	460	335
04/08/2021	19	550	460	354
04/08/2021	20	543	460	353
04/08/2021	21	647	460	356
04/08/2021	22	582	460	353
04/08/2021	23	580	460	340
04/08/2021	24	514	460	327
04/09/2021	1	647	460	336
04/09/2021	2	600	460	320
04/09/2021	3	570	460	308
04/09/2021	4	505	460	296
04/09/2021	5	500	460	288
04/09/2021	6	500	460	278
04/09/2021	7	471	455	274
04/09/2021	8	482	455	279
04/09/2021	9	490	460	291
04/09/2021	10	540	460	303
04/09/2021	11	550	460	314
04/09/2021	12	480	460	315
04/09/2021	13	520	460	320
04/09/2021	14	580	460	329
04/09/2021	15	573	460	325
04/09/2021	16	535	460	316
04/09/2021	17	490	460	304
04/09/2021	18	460	457	314
04/09/2021	19	570	460	348
04/09/2021	20	540	460	352
04/09/2021	21	595	460	363
04/09/2021	22	570	460	362
04/09/2021	23	577	460	351
04/09/2021	24	550	460	335
04/10/2021	1	647	460	310
04/10/2021	2	600	460	302
04/10/2021	3	590	455	291
04/10/2021	4	550	455	284
04/10/2021	5	460	455	280
04/10/2021	6	490	455	278
04/10/2021	7	520	455	271
04/10/2021	8	550	460	296
04/10/2021	9	570	460	316

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/10/2021	10	580	460	335
04/10/2021	11	590	460	347
04/10/2021	12	510	460	343
04/10/2021	13	587	460	346
04/10/2021	14	647	460	358
04/10/2021	15	623	460	358
04/10/2021	16	561	460	351
04/10/2021	17	530	460	334
04/10/2021	18	470	460	333
04/10/2021	19	647	460	351
04/10/2021	20	543	460	347
04/10/2021	21	560	460	345
04/10/2021	22	540	460	337
04/10/2021	23	550	460	327
04/10/2021	24	500	460	314
04/11/2021	1	600	460	282
04/11/2021	2	642	460	272
04/11/2021	3	588	460	259
04/11/2021	4	510	460	248
04/11/2021	5	500	460	243
04/11/2021	6	525	460	237
04/11/2021	7	520	460	239
04/11/2021	8	550	460	250
04/11/2021	9	580	460	264
04/11/2021	10	599	460	279
04/11/2021	11	647	460	290
04/11/2021	12	531	460	289
04/11/2021	13	577	460	295
04/11/2021	14	647	460	307
04/11/2021	15	647	460	311
04/11/2021	16	591	460	301
04/11/2021	17	460	455	287
04/11/2021	18	460	455	293
04/11/2021	19	626	460	318
04/11/2021	20	647	460	322
04/11/2021	21	647	460	329
04/11/2021	22	647	460	327
04/11/2021	23	617	460	318
04/11/2021	24	540	460	305
04/12/2021	1	630	460	305
04/12/2021	2	600	460	293
04/12/2021	3	580	460	286
04/12/2021	4	580	460	276
04/12/2021	5	550	460	275
04/12/2021	6	525	460	277
04/12/2021	7	520	460	290
04/12/2021	8	550	460	316
04/12/2021	9	580	460	341
04/12/2021	10	610	460	364
04/12/2021	11	647	460	380
04/12/2021	12	647	460	376
04/12/2021	13	647	460	379
04/12/2021	14	647	460	395
04/12/2021	15	590	460	360
04/12/2021	16	647	460	379
04/12/2021	17	550	460	351
04/12/2021	18	597	460	341
04/12/2021	19	590	460	359
04/12/2021	20	590	460	364
04/12/2021	21	647	460	370
04/12/2021	22	647	460	367
04/12/2021	23	647	460	358
04/12/2021	24	647	460	349
04/13/2021	1	590	455	303
04/13/2021	2	570	455	295

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/13/2021	3	550	455	285
04/13/2021	4	500	455	280
04/13/2021	5	500	455	280
04/13/2021	6	500	455	284
04/13/2021	7	470	460	291
04/13/2021	8	490	460	317
04/13/2021	9	490	460	345
04/13/2021	10	540	460	364
04/13/2021	11	647	460	379
04/13/2021	12	613	460	376
04/13/2021	13	647	460	379
04/13/2021	14	647	460	395
04/13/2021	15	573	460	391
04/13/2021	16	631	460	377
04/13/2021	17	490	460	344
04/13/2021	18	460	455	333
04/13/2021	19	570	460	350
04/13/2021	20	540	460	354
04/13/2021	21	580	460	357
04/13/2021	22	570	460	353
04/13/2021	23	590	460	343
04/13/2021	24	550	460	330
04/14/2021	1	647	460	323
04/14/2021	2	600	460	309
04/14/2021	3	580	460	302
04/14/2021	4	500	460	293
04/14/2021	5	500	460	291
04/14/2021	6	500	460	290
04/14/2021	7	520	460	293
04/14/2021	8	590	460	325
04/14/2021	9	582	460	350
04/14/2021	10	540	460	366
04/14/2021	11	647	460	377
04/14/2021	12	613	460	371
04/14/2021	13	647	460	373
04/14/2021	14	647	460	385
04/14/2021	15	573	460	383
04/14/2021	16	631	460	369
04/14/2021	17	490	460	343
04/14/2021	18	460	455	331
04/14/2021	19	570	460	350
04/14/2021	20	540	460	354
04/14/2021	21	600	460	361
04/14/2021	22	621	460	355
04/14/2021	23	647	460	347
04/14/2021	24	626	460	333
04/15/2021	1	647	455	321
04/15/2021	2	580	455	301
04/15/2021	3	550	455	292
04/15/2021	4	500	455	284
04/15/2021	5	500	455	282
04/15/2021	6	500	455	283
04/15/2021	7	455	450	285
04/15/2021	8	490	455	318
04/15/2021	9	520	455	354
04/15/2021	10	530	455	373
04/15/2021	11	540	455	386
04/15/2021	12	550	455	379
04/15/2021	13	581	455	382
04/15/2021	14	647	455	399
04/15/2021	15	647	455	396
04/15/2021	16	580	455	384
04/15/2021	17	568	455	356
04/15/2021	18	647	455	344
04/15/2021	19	559	455	363

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/15/2021	20	547	455	359
04/15/2021	21	641	455	360
04/15/2021	22	580	455	357
04/15/2021	23	550	455	346
04/15/2021	24	540	455	335
04/16/2021	1	647	460	324
04/16/2021	2	580	460	314
04/16/2021	3	550	460	304
04/16/2021	4	500	460	297
04/16/2021	5	500	455	293
04/16/2021	6	500	455	293
04/16/2021	7	455	450	301
04/16/2021	8	490	455	331
04/16/2021	9	550	460	359
04/16/2021	10	633	460	382
04/16/2021	11	647	460	393
04/16/2021	12	618	460	389
04/16/2021	13	623	460	389
04/16/2021	14	647	460	401
04/16/2021	15	647	460	399
04/16/2021	16	647	460	389
04/16/2021	17	580	460	366
04/16/2021	18	540	460	354
04/16/2021	19	590	460	369
04/16/2021	20	580	460	364
04/16/2021	21	570	460	363
04/16/2021	22	570	460	355
04/16/2021	23	588	460	346
04/16/2021	24	550	460	334
04/17/2021	1	647	460	320
04/17/2021	2	590	460	310
04/17/2021	3	560	460	301
04/17/2021	4	516	460	293
04/17/2021	5	500	460	288
04/17/2021	6	510	460	286
04/17/2021	7	520	460	286
04/17/2021	8	470	460	307
04/17/2021	9	550	460	328
04/17/2021	10	580	460	347
04/17/2021	11	590	460	360
04/17/2021	12	550	460	355
04/17/2021	13	540	460	358
04/17/2021	14	647	460	370
04/17/2021	15	647	460	371
04/17/2021	16	647	460	362
04/17/2021	17	550	460	344
04/17/2021	18	500	460	342
04/17/2021	19	647	460	362
04/17/2021	20	647	460	359
04/17/2021	21	647	460	359
04/17/2021	22	637	460	354
04/17/2021	23	590	460	344
04/17/2021	24	580	460	330
04/18/2021	1	647	460	313
04/18/2021	2	590	460	305
04/18/2021	3	560	460	291
04/18/2021	4	516	460	282
04/18/2021	5	500	460	276
04/18/2021	6	510	460	270
04/18/2021	7	520	460	266
04/18/2021	8	470	460	275
04/18/2021	9	550	460	289
04/18/2021	10	580	460	302
04/18/2021	11	590	460	311
04/18/2021	12	550	460	308

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/18/2021	13	540	460	313
04/18/2021	14	647	460	321
04/18/2021	15	647	460	323
04/18/2021	16	647	460	316
04/18/2021	17	550	460	301
04/18/2021	18	500	460	305
04/18/2021	19	647	460	334
04/18/2021	20	647	460	336
04/18/2021	21	647	460	343
04/18/2021	22	647	460	341
04/18/2021	23	590	460	329
04/18/2021	24	580	460	318
04/19/2021	1	647	460	303
04/19/2021	2	580	460	294
04/19/2021	3	560	460	285
04/19/2021	4	516	460	280
04/19/2021	5	500	460	280
04/19/2021	6	510	460	284
04/19/2021	7	520	460	291
04/19/2021	8	590	460	317
04/19/2021	9	647	460	367
04/19/2021	10	647	460	385
04/19/2021	11	647	460	398
04/19/2021	12	647	460	394
04/19/2021	13	647	460	393
04/19/2021	14	647	460	409
04/19/2021	15	647	460	406
04/19/2021	16	647	460	396
04/19/2021	17	550	460	368
04/19/2021	18	500	460	355
04/19/2021	19	647	460	374
04/19/2021	20	647	460	371
04/19/2021	21	647	460	373
04/19/2021	22	647	460	368
04/19/2021	23	647	460	357
04/19/2021	24	520	460	345
04/20/2021	1	647	460	326
04/20/2021	2	647	460	315
04/20/2021	3	580	460	290
04/20/2021	4	550	455	290
04/20/2021	5	535	455	290
04/20/2021	6	546	455	290
04/20/2021	7	520	455	290
04/20/2021	8	540	455	332
04/20/2021	9	647	460	358
04/20/2021	10	647	460	375
04/20/2021	11	647	460	389
04/20/2021	12	560	460	384
04/20/2021	13	559	460	389
04/20/2021	14	647	460	403
04/20/2021	15	647	460	401
04/20/2021	16	647	460	395
04/20/2021	17	550	460	368
04/20/2021	18	500	460	345
04/20/2021	19	647	460	372
04/20/2021	20	647	460	370
04/20/2021	21	647	460	375
04/20/2021	22	647	460	371
04/20/2021	23	647	460	360
04/20/2021	24	520	460	348
04/21/2021	1	647	460	342
04/21/2021	2	590	460	330
04/21/2021	3	550	460	316
04/21/2021	4	510	460	307
04/21/2021	5	503	455	304

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/21/2021	6	500	455	301
04/21/2021	7	520	455	300
04/21/2021	8	550	455	337
04/21/2021	9	647	460	363
04/21/2021	10	647	460	380
04/21/2021	11	647	460	392
04/21/2021	12	580	460	390
04/21/2021	13	590	460	394
04/21/2021	14	647	460	406
04/21/2021	15	647	460	404
04/21/2021	16	647	460	391
04/21/2021	17	550	460	365
04/21/2021	18	500	460	352
04/21/2021	19	647	460	373
04/21/2021	20	647	460	372
04/21/2021	21	647	460	378
04/21/2021	22	647	460	376
04/21/2021	23	647	460	364
04/21/2021	24	647	460	350
04/22/2021	1	621	460	329
04/22/2021	2	570	460	317
04/22/2021	3	540	460	307
04/22/2021	4	512	460	301
04/22/2021	5	503	455	298
04/22/2021	6	511	455	297
04/22/2021	7	514	455	297
04/22/2021	8	550	455	331
04/22/2021	9	600	460	360
04/22/2021	10	614	460	378
04/22/2021	11	647	460	386
04/22/2021	12	568	460	380
04/22/2021	13	570	460	383
04/22/2021	14	647	460	399
04/22/2021	15	647	460	395
04/22/2021	16	620	460	384
04/22/2021	17	560	460	355
04/22/2021	18	520	460	343
04/22/2021	19	570	460	360
04/22/2021	20	580	460	360
04/22/2021	21	570	460	363
04/22/2021	22	580	460	360
04/22/2021	23	550	460	351
04/22/2021	24	520	460	339
04/23/2021	1	647	460	333
04/23/2021	2	620	460	322
04/23/2021	3	590	460	312
04/23/2021	4	515	460	304
04/23/2021	5	478	455	300
04/23/2021	6	524	455	298
04/23/2021	7	510	455	292
04/23/2021	8	610	455	334
04/23/2021	9	614	460	363
04/23/2021	10	647	460	383
04/23/2021	11	647	460	394
04/23/2021	12	605	460	390
04/23/2021	13	647	460	396
04/23/2021	14	647	460	412
04/23/2021	15	647	460	410
04/23/2021	16	647	460	400
04/23/2021	17	560	460	372
04/23/2021	18	520	460	354
04/23/2021	19	570	460	370
04/23/2021	20	580	460	370
04/23/2021	21	647	460	372
04/23/2021	22	647	460	370

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/23/2021	23	647	460	360
04/23/2021	24	580	460	344
04/24/2021	1	647	460	336
04/24/2021	2	630	460	325
04/24/2021	3	590	460	313
04/24/2021	4	515	460	304
04/24/2021	5	478	455	298
04/24/2021	6	480	455	290
04/24/2021	7	455	440	274
04/24/2021	8	500	455	309
04/24/2021	9	510	460	331
04/24/2021	10	540	460	350
04/24/2021	11	560	460	362
04/24/2021	12	520	460	357
04/24/2021	13	535	460	362
04/24/2021	14	647	460	378
04/24/2021	15	644	460	378
04/24/2021	16	570	460	365
04/24/2021	17	540	460	345
04/24/2021	18	500	460	344
04/24/2021	19	530	460	361
04/24/2021	20	520	460	361
04/24/2021	21	630	460	365
04/24/2021	22	647	460	361
04/24/2021	23	647	460	355
04/24/2021	24	580	460	343
04/25/2021	1	647	460	309
04/25/2021	2	647	460	301
04/25/2021	3	560	460	287
04/25/2021	4	516	460	278
04/25/2021	5	500	460	272
04/25/2021	6	510	460	266
04/25/2021	7	520	460	262
04/25/2021	8	535	460	271
04/25/2021	9	550	460	284
04/25/2021	10	600	460	298
04/25/2021	11	600	460	306
04/25/2021	12	577	460	304
04/25/2021	13	580	460	308
04/25/2021	14	647	460	317
04/25/2021	15	647	460	318
04/25/2021	16	647	460	311
04/25/2021	17	550	460	296
04/25/2021	18	500	460	301
04/25/2021	19	647	460	329
04/25/2021	20	647	460	331
04/25/2021	21	647	460	338
04/25/2021	22	647	460	336
04/25/2021	23	590	460	324
04/25/2021	24	580	460	313
04/26/2021	1	590	460	325
04/26/2021	2	570	460	314
04/26/2021	3	550	460	304
04/26/2021	4	480	460	296
04/26/2021	5	455	450	292
04/26/2021	6	480	455	290
04/26/2021	7	455	440	284
04/26/2021	8	500	455	326
04/26/2021	9	647	460	359
04/26/2021	10	647	460	380
04/26/2021	11	647	460	390
04/26/2021	12	647	460	386
04/26/2021	13	647	460	393
04/26/2021	14	647	460	408
04/26/2021	15	647	460	406

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/26/2021	16	647	460	397
04/26/2021	17	540	460	368
04/26/2021	18	500	460	350
04/26/2021	19	530	460	366
04/26/2021	20	520	460	366
04/26/2021	21	630	460	368
04/26/2021	22	647	460	366
04/26/2021	23	647	460	356
04/26/2021	24	580	460	341
04/27/2021	1	647	460	328
04/27/2021	2	647	460	316
04/27/2021	3	560	460	306
04/27/2021	4	516	460	297
04/27/2021	5	500	460	295
04/27/2021	6	510	460	295
04/27/2021	7	520	460	302
04/27/2021	8	550	460	330
04/27/2021	9	600	460	356
04/27/2021	10	620	460	371
04/27/2021	11	620	460	383
04/27/2021	12	620	460	380
04/27/2021	13	647	460	385
04/27/2021	14	647	460	400
04/27/2021	15	647	460	398
04/27/2021	16	647	460	387
04/27/2021	17	530	460	358
04/27/2021	18	550	460	345
04/27/2021	19	600	460	365
04/27/2021	20	647	460	366
04/27/2021	21	647	460	372
04/27/2021	22	647	460	368
04/27/2021	23	647	460	357
04/27/2021	24	647	460	344
04/28/2021	1	600	460	312
04/28/2021	2	573	460	305
04/28/2021	3	560	460	294
04/28/2021	4	490	460	288
04/28/2021	5	480	455	285
04/28/2021	6	520	455	284
04/28/2021	7	550	455	289
04/28/2021	8	560	460	321
04/28/2021	9	571	460	347
04/28/2021	10	600	460	363
04/28/2021	11	647	460	378
04/28/2021	12	570	460	368
04/28/2021	13	575	460	372
04/28/2021	14	647	460	387
04/28/2021	15	647	460	386
04/28/2021	16	600	460	374
04/28/2021	17	503	460	350
04/28/2021	18	500	460	341
04/28/2021	19	530	460	353
04/28/2021	20	500	460	354
04/28/2021	21	630	460	361
04/28/2021	22	647	460	360
04/28/2021	23	647	460	351
04/28/2021	24	580	460	338
04/29/2021	1	647	460	320
04/29/2021	2	590	460	311
04/29/2021	3	550	460	300
04/29/2021	4	480	460	292
04/29/2021	5	480	455	290
04/29/2021	6	520	455	291
04/29/2021	7	550	455	297
04/29/2021	8	560	455	325

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/29/2021	9	571	460	355
04/29/2021	10	647	460	376
04/29/2021	11	647	460	390
04/29/2021	12	570	460	383
04/29/2021	13	647	460	387
04/29/2021	14	647	460	404
04/29/2021	15	647	460	402
04/29/2021	16	600	460	390
04/29/2021	17	500	460	364
04/29/2021	18	480	460	348
04/29/2021	19	530	460	363
04/29/2021	20	481	460	361
04/29/2021	21	540	460	363
04/29/2021	22	560	460	362
04/29/2021	23	538	460	351
04/29/2021	24	530	460	339
04/30/2021	1	647	460	326
04/30/2021	2	647	460	317
04/30/2021	3	590	460	306
04/30/2021	4	557	460	297
04/30/2021	5	561	455	295
04/30/2021	6	530	455	293
04/30/2021	7	520	455	297
04/30/2021	8	580	455	330
04/30/2021	9	647	460	357
04/30/2021	10	647	460	379
04/30/2021	11	647	460	389
04/30/2021	12	570	460	385
04/30/2021	13	647	460	386
04/30/2021	14	647	460	400
04/30/2021	15	647	460	397
04/30/2021	16	600	460	389
04/30/2021	17	500	460	364
04/30/2021	18	460	460	348
04/30/2021	19	500	460	364
04/30/2021	20	481	460	360
04/30/2021	21	540	460	364
04/30/2021	22	560	460	359
04/30/2021	23	586	460	351
04/30/2021	24	533	460	336
05/01/2021	1	600	460	303
05/01/2021	2	580	455	290
05/01/2021	3	550	455	278
05/01/2021	4	531	455	269
05/01/2021	5	480	455	264
05/01/2021	6	455	450	259
05/01/2021	7	480	455	261
05/01/2021	8	530	460	277
05/01/2021	9	536	460	294
05/01/2021	10	580	460	313
05/01/2021	11	590	460	325
05/01/2021	12	550	460	322
05/01/2021	13	560	460	327
05/01/2021	14	582	460	342
05/01/2021	15	590	460	339
05/01/2021	16	580	460	329
05/01/2021	17	550	460	312
05/01/2021	18	530	460	308
05/01/2021	19	460	455	293
05/01/2021	20	600	460	333
05/01/2021	21	620	460	341
05/01/2021	22	600	460	340
05/01/2021	23	647	460	331
05/01/2021	24	550	460	319
05/02/2021	1	647	460	320

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/02/2021	2	647	460	310
05/02/2021	3	560	460	299
05/02/2021	4	516	460	291
05/02/2021	5	500	460	282
05/02/2021	6	500	460	270
05/02/2021	7	520	460	267
05/02/2021	8	530	460	276
05/02/2021	9	570	460	293
05/02/2021	10	620	460	312
05/02/2021	11	620	460	323
05/02/2021	12	620	460	321
05/02/2021	13	647	460	325
05/02/2021	14	647	460	333
05/02/2021	15	647	460	331
05/02/2021	16	647	460	323
05/02/2021	17	600	460	309
05/02/2021	18	580	460	310
05/02/2021	19	620	460	332
05/02/2021	20	647	460	332
05/02/2021	21	647	460	343
05/02/2021	22	647	460	343
05/02/2021	23	647	460	334
05/02/2021	24	647	460	320
05/03/2021	1	580	460	302
05/03/2021	2	550	455	294
05/03/2021	3	528	455	284
05/03/2021	4	531	455	280
05/03/2021	5	480	455	280
05/03/2021	6	462	455	284
05/03/2021	7	480	455	291
05/03/2021	8	530	460	317
05/03/2021	9	536	460	365
05/03/2021	10	647	460	383
05/03/2021	11	647	460	396
05/03/2021	12	647	460	391
05/03/2021	13	647	460	391
05/03/2021	14	647	460	407
05/03/2021	15	647	460	404
05/03/2021	16	647	460	393
05/03/2021	17	550	460	365
05/03/2021	18	525	460	352
05/03/2021	19	647	460	371
05/03/2021	20	611	460	369
05/03/2021	21	647	460	371
05/03/2021	22	647	460	366
05/03/2021	23	647	460	355
05/03/2021	24	627	460	343
05/04/2021	1	647	460	336
05/04/2021	2	647	460	319
05/04/2021	3	645	460	308
05/04/2021	4	605	460	301
05/04/2021	5	525	460	296
05/04/2021	6	505	460	295
05/04/2021	7	555	460	297
05/04/2021	8	635	460	331
05/04/2021	9	580	460	360
05/04/2021	10	647	460	381
05/04/2021	11	647	460	392
05/04/2021	12	647	460	387
05/04/2021	13	647	460	391
05/04/2021	14	647	460	404
05/04/2021	15	647	460	399
05/04/2021	16	647	460	391
05/04/2021	17	572	460	365
05/04/2021	18	520	460	353

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/04/2021	19	557	460	367
05/04/2021	20	633	460	367
05/04/2021	21	647	460	373
05/04/2021	22	647	460	370
05/04/2021	23	647	460	362
05/04/2021	24	618	460	353
05/05/2021	1	647	460	337
05/05/2021	2	647	460	327
05/05/2021	3	647	460	317
05/05/2021	4	580	460	310
05/05/2021	5	525	460	307
05/05/2021	6	505	460	306
05/05/2021	7	567	460	311
05/05/2021	8	635	460	342
05/05/2021	9	647	460	367
05/05/2021	10	647	460	383
05/05/2021	11	647	460	399
05/05/2021	12	647	460	389
05/05/2021	13	647	460	393
05/05/2021	14	647	460	408
05/05/2021	15	647	460	407
05/05/2021	16	647	460	395
05/05/2021	17	572	460	370
05/05/2021	18	520	460	359
05/05/2021	19	624	460	373
05/05/2021	20	647	460	374
05/05/2021	21	647	460	381
05/05/2021	22	647	460	380
05/05/2021	23	647	460	371
05/05/2021	24	647	460	356
05/06/2021	1	647	460	345
05/06/2021	2	647	460	333
05/06/2021	3	647	460	322
05/06/2021	4	580	460	315
05/06/2021	5	525	460	312
05/06/2021	6	505	460	310
05/06/2021	7	647	460	331
05/06/2021	8	647	460	351
05/06/2021	9	647	460	384
05/06/2021	10	647	460	406
05/06/2021	11	647	460	420
05/06/2021	12	647	460	415
05/06/2021	13	647	460	417
05/06/2021	14	647	460	435
05/06/2021	15	647	460	433
05/06/2021	16	647	460	424
05/06/2021	17	647	460	396
05/06/2021	18	647	460	375
05/06/2021	19	647	460	392
05/06/2021	20	647	460	393
05/06/2021	21	647	460	397
05/06/2021	22	647	460	396
05/06/2021	23	647	460	385
05/06/2021	24	647	460	374
05/07/2021	1	647	460	351
05/07/2021	2	647	460	340
05/07/2021	3	647	460	329
05/07/2021	4	580	460	319
05/07/2021	5	525	460	315
05/07/2021	6	505	460	310
05/07/2021	7	647	460	324
05/07/2021	8	647	460	348
05/07/2021	9	647	460	379
05/07/2021	10	647	460	397
05/07/2021	11	647	460	413

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/07/2021	12	647	460	405
05/07/2021	13	647	460	411
05/07/2021	14	647	460	428
05/07/2021	15	647	460	427
05/07/2021	16	647	460	414
05/07/2021	17	647	460	386
05/07/2021	18	647	460	368
05/07/2021	19	647	460	385
05/07/2021	20	647	460	388
05/07/2021	21	647	460	394
05/07/2021	22	647	460	394
05/07/2021	23	647	460	384
05/07/2021	24	647	460	369
05/08/2021	1	647	460	348
05/08/2021	2	647	460	337
05/08/2021	3	647	460	326
05/08/2021	4	570	460	316
05/08/2021	5	520	460	311
05/08/2021	6	580	460	301
05/08/2021	7	590	460	300
05/08/2021	8	600	460	320
05/08/2021	9	610	460	341
05/08/2021	10	647	460	360
05/08/2021	11	647	460	373
05/08/2021	12	647	460	368
05/08/2021	13	647	460	373
05/08/2021	14	647	460	388
05/08/2021	15	647	460	386
05/08/2021	16	570	460	374
05/08/2021	17	550	460	355
05/08/2021	18	570	460	351
05/08/2021	19	647	460	371
05/08/2021	20	580	460	369
05/08/2021	21	624	460	377
05/08/2021	22	647	460	375
05/08/2021	23	647	460	367
05/08/2021	24	610	460	355
05/09/2021	1	647	585	328
05/09/2021	2	629	500	319
05/09/2021	3	545	506	306
05/09/2021	4	516	516	293
05/09/2021	5	500	500	285
05/09/2021	6	500	480	271
05/09/2021	7	500	500	270
05/09/2021	8	530	500	283
05/09/2021	9	570	530	298
05/09/2021	10	620	567	320
05/09/2021	11	620	572	336
05/09/2021	12	620	570	333
05/09/2021	13	647	600	343
05/09/2021	14	647	647	353
05/09/2021	15	647	647	356
05/09/2021	16	647	647	349
05/09/2021	17	647	647	333
05/09/2021	18	647	643	331
05/09/2021	19	647	647	361
05/09/2021	20	647	647	364
05/09/2021	21	647	647	369
05/09/2021	22	647	647	370
05/09/2021	23	647	647	360
05/09/2021	24	647	647	346
05/10/2021	1	647	500	339
05/10/2021	2	647	500	328
05/10/2021	3	555	500	317
05/10/2021	4	500	480	307

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/10/2021	5	490	470	303
05/10/2021	6	480	455	298
05/10/2021	7	550	481	312
05/10/2021	8	600	500	340
05/10/2021	9	647	647	378
05/10/2021	10	647	647	396
05/10/2021	11	647	647	412
05/10/2021	12	647	647	404
05/10/2021	13	647	647	410
05/10/2021	14	647	647	427
05/10/2021	15	647	647	426
05/10/2021	16	647	647	413
05/10/2021	17	615	550	385
05/10/2021	18	560	500	368
05/10/2021	19	647	500	384
05/10/2021	20	580	500	387
05/10/2021	21	593	500	394
05/10/2021	22	647	500	393
05/10/2021	23	647	500	383
05/10/2021	24	610	500	368
05/11/2021	1	647	460	357
05/11/2021	2	647	460	346
05/11/2021	3	647	460	334
05/11/2021	4	647	460	326
05/11/2021	5	647	460	321
05/11/2021	6	647	460	319
05/11/2021	7	647	460	328
05/11/2021	8	647	460	362
05/11/2021	9	647	460	389
05/11/2021	10	647	460	406
05/11/2021	11	647	460	420
05/11/2021	12	647	460	413
05/11/2021	13	647	460	416
05/11/2021	14	647	460	430
05/11/2021	15	647	460	427
05/11/2021	16	647	460	418
05/11/2021	17	647	460	392
05/11/2021	18	578	460	378
05/11/2021	19	647	460	394
05/11/2021	20	647	460	393
05/11/2021	21	647	460	397
05/11/2021	22	647	460	394
05/11/2021	23	647	460	391
05/11/2021	24	647	460	378
05/12/2021	1	647	647	368
05/12/2021	2	629	600	359
05/12/2021	3	570	560	346
05/12/2021	4	516	516	334
05/12/2021	5	500	500	330
05/12/2021	6	500	500	324
05/12/2021	7	560	500	309
05/12/2021	8	647	600	374
05/12/2021	9	647	647	407
05/12/2021	10	647	647	426
05/12/2021	11	647	647	443
05/12/2021	12	647	647	436
05/12/2021	13	647	647	442
05/12/2021	14	647	647	462
05/12/2021	15	647	647	460
05/12/2021	16	647	647	450
05/12/2021	17	647	647	418
05/12/2021	18	643	610	393
05/12/2021	19	647	647	412
05/12/2021	20	647	647	411
05/12/2021	21	647	647	420

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/12/2021	22	647	647	421
05/12/2021	23	647	647	407
05/12/2021	24	647	647	394
05/13/2021	1	647	460	354
05/13/2021	2	647	460	343
05/13/2021	3	589	460	331
05/13/2021	4	500	460	321
05/13/2021	5	480	460	315
05/13/2021	6	460	455	306
05/13/2021	7	480	460	304
05/13/2021	8	500	460	325
05/13/2021	9	550	460	346
05/13/2021	10	647	460	366
05/13/2021	11	647	460	379
05/13/2021	12	580	460	374
05/13/2021	13	638	460	379
05/13/2021	14	647	460	394
05/13/2021	15	647	460	392
05/13/2021	16	587	460	380
05/13/2021	17	520	460	360
05/13/2021	18	550	460	356
05/13/2021	19	570	460	377
05/13/2021	20	560	460	375
05/13/2021	21	647	460	383
05/13/2021	22	647	460	381
05/13/2021	23	647	460	373
05/13/2021	24	647	460	360
05/14/2021	1	647	647	375
05/14/2021	2	629	600	361
05/14/2021	3	600	570	349
05/14/2021	4	600	516	339
05/14/2021	5	564	500	333
05/14/2021	6	514	500	325
05/14/2021	7	580	560	335
05/14/2021	8	600	600	368
05/14/2021	9	647	647	399
05/14/2021	10	647	647	414
05/14/2021	11	647	647	430
05/14/2021	12	647	608	424
05/14/2021	13	647	647	433
05/14/2021	14	647	647	447
05/14/2021	15	647	647	446
05/14/2021	16	647	647	432
05/14/2021	17	600	590	401
05/14/2021	18	580	580	380
05/14/2021	19	647	647	399
05/14/2021	20	647	647	400
05/14/2021	21	632	632	405
05/14/2021	22	647	647	404
05/14/2021	23	631	630	395
05/14/2021	24	630	630	381
05/15/2021	1	647	460	354
05/15/2021	2	647	460	343
05/15/2021	3	589	460	331
05/15/2021	4	500	460	321
05/15/2021	5	480	460	315
05/15/2021	6	460	455	306
05/15/2021	7	480	460	304
05/15/2021	8	500	460	325
05/15/2021	9	550	460	346
05/15/2021	10	647	460	366
05/15/2021	11	647	460	379
05/15/2021	12	580	460	374
05/15/2021	13	638	460	379
05/15/2021	14	647	460	394

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/15/2021	15	647	460	392
05/15/2021	16	587	460	380
05/15/2021	17	520	460	360
05/15/2021	18	550	460	356
05/15/2021	19	570	460	377
05/15/2021	20	560	460	375
05/15/2021	21	647	460	383
05/15/2021	22	647	460	381
05/15/2021	23	647	460	373
05/15/2021	24	647	460	360
05/16/2021	1	647	460	353
05/16/2021	2	629	460	342
05/16/2021	3	600	460	331
05/16/2021	4	520	460	318
05/16/2021	5	480	460	310
05/16/2021	6	500	460	295
05/16/2021	7	543	460	289
05/16/2021	8	550	460	300
05/16/2021	9	573	460	314
05/16/2021	10	647	460	336
05/16/2021	11	647	460	349
05/16/2021	12	647	460	348
05/16/2021	13	647	460	356
05/16/2021	14	647	460	369
05/16/2021	15	647	460	367
05/16/2021	16	647	460	362
05/16/2021	17	647	460	346
05/16/2021	18	647	460	340
05/16/2021	19	647	460	370
05/16/2021	20	647	460	372
05/16/2021	21	647	460	380
05/16/2021	22	647	460	383
05/16/2021	23	647	460	374
05/16/2021	24	647	460	364
05/17/2021	1	647	600	343
05/17/2021	2	645	600	324
05/17/2021	3	600	600	314
05/17/2021	4	600	500	302
05/17/2021	5	600	480	299
05/17/2021	6	600	455	292
05/17/2021	7	600	480	302
05/17/2021	8	600	500	345
05/17/2021	9	600	550	396
05/17/2021	10	647	600	413
05/17/2021	11	647	600	427
05/17/2021	12	600	560	419
05/17/2021	13	600	580	422
05/17/2021	14	647	600	437
05/17/2021	15	647	600	433
05/17/2021	16	600	587	425
05/17/2021	17	647	600	398
05/17/2021	18	647	600	385
05/17/2021	19	647	600	400
05/17/2021	20	647	600	399
05/17/2021	21	647	600	403
05/17/2021	22	647	600	401
05/17/2021	23	647	600	398
05/17/2021	24	647	600	384
05/18/2021	1	647	460	361
05/18/2021	2	647	460	343
05/18/2021	3	647	460	331
05/18/2021	4	647	460	323
05/18/2021	5	647	460	317
05/18/2021	6	647	460	316
05/18/2021	7	647	460	325

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/18/2021	8	647	460	373
05/18/2021	9	647	460	408
05/18/2021	10	647	460	421
05/18/2021	11	647	460	435
05/18/2021	12	647	460	427
05/18/2021	13	647	460	430
05/18/2021	14	647	460	446
05/18/2021	15	647	460	443
05/18/2021	16	647	460	433
05/18/2021	17	589	460	405
05/18/2021	18	542	460	388
05/18/2021	19	622	460	404
05/18/2021	20	610	460	404
05/18/2021	21	647	460	409
05/18/2021	22	647	460	407
05/18/2021	23	625	460	395
05/18/2021	24	563	460	380
05/19/2021	1	647	460	371
05/19/2021	2	647	460	359
05/19/2021	3	647	460	347
05/19/2021	4	541	460	336
05/19/2021	5	512	460	330
05/19/2021	6	500	460	322
05/19/2021	7	570	460	326
05/19/2021	8	647	460	358
05/19/2021	9	647	460	388
05/19/2021	10	647	460	407
05/19/2021	11	647	460	422
05/19/2021	12	550	460	417
05/19/2021	13	585	460	423
05/19/2021	14	647	460	441
05/19/2021	15	647	460	439
05/19/2021	16	647	460	429
05/19/2021	17	550	460	401
05/19/2021	18	476	460	382
05/19/2021	19	526	460	403
05/19/2021	20	571	460	403
05/19/2021	21	611	460	410
05/19/2021	22	647	460	411
05/19/2021	23	625	460	400
05/19/2021	24	647	460	386
05/20/2021	1	647	460	368
05/20/2021	2	647	460	355
05/20/2021	3	568	460	344
05/20/2021	4	530	460	334
05/20/2021	5	480	460	330
05/20/2021	6	500	460	328
05/20/2021	7	570	460	335
05/20/2021	8	647	460	369
05/20/2021	9	647	460	401
05/20/2021	10	647	460	422
05/20/2021	11	647	460	437
05/20/2021	12	647	460	430
05/20/2021	13	647	460	436
05/20/2021	14	647	460	453
05/20/2021	15	647	460	452
05/20/2021	16	647	460	441
05/20/2021	17	570	460	410
05/20/2021	18	462	460	390
05/20/2021	19	602	460	407
05/20/2021	20	647	460	409
05/20/2021	21	611	460	415
05/20/2021	22	647	460	416
05/20/2021	23	647	460	404
05/20/2021	24	647	460	391

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/21/2021	1	647	460	380
05/21/2021	2	647	460	365
05/21/2021	3	647	460	354
05/21/2021	4	647	460	343
05/21/2021	5	531	460	334
05/21/2021	6	500	460	328
05/21/2021	7	572	460	336
05/21/2021	8	647	460	372
05/21/2021	9	647	460	404
05/21/2021	10	647	460	421
05/21/2021	11	647	460	438
05/21/2021	12	647	460	432
05/21/2021	13	647	460	437
05/21/2021	14	647	460	453
05/21/2021	15	647	460	450
05/21/2021	16	647	460	433
05/21/2021	17	550	460	403
05/21/2021	18	477	460	384
05/21/2021	19	580	460	405
05/21/2021	20	564	460	410
05/21/2021	21	611	460	419
05/21/2021	22	647	460	418
05/21/2021	23	647	460	408
05/21/2021	24	647	460	393
05/22/2021	1	647	460	365
05/22/2021	2	647	460	353
05/22/2021	3	647	460	340
05/22/2021	4	647	460	331
05/22/2021	5	531	460	323
05/22/2021	6	500	460	313
05/22/2021	7	550	455	315
05/22/2021	8	560	455	335
05/22/2021	9	583	455	352
05/22/2021	10	585	455	373
05/22/2021	11	590	460	387
05/22/2021	12	540	460	384
05/22/2021	13	550	460	390
05/22/2021	14	647	460	404
05/22/2021	15	647	460	404
05/22/2021	16	580	460	391
05/22/2021	17	520	460	371
05/22/2021	18	477	460	365
05/22/2021	19	580	460	389
05/22/2021	20	647	460	389
05/22/2021	21	647	460	397
05/22/2021	22	647	460	396
05/22/2021	23	647	460	387
05/22/2021	24	639	460	374
05/23/2021	1	647	460	362
05/23/2021	2	647	460	351
05/23/2021	3	600	460	339
05/23/2021	4	520	460	325
05/23/2021	5	506	460	314
05/23/2021	6	500	460	297
05/23/2021	7	543	460	295
05/23/2021	8	550	460	306
05/23/2021	9	573	460	322
05/23/2021	10	647	460	341
05/23/2021	11	647	460	351
05/23/2021	12	647	460	355
05/23/2021	13	647	460	365
05/23/2021	14	647	460	375
05/23/2021	15	647	460	374
05/23/2021	16	647	460	365
05/23/2021	17	600	460	350

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/23/2021	18	600	460	345
05/23/2021	19	647	460	369
05/23/2021	20	647	460	372
05/23/2021	21	647	460	381
05/23/2021	22	647	460	384
05/23/2021	23	647	460	376
05/23/2021	24	647	460	360
05/24/2021	1	647	460	364
05/24/2021	2	580	460	349
05/24/2021	3	550	460	338
05/24/2021	4	520	455	327
05/24/2021	5	500	455	318
05/24/2021	6	479	455	312
05/24/2021	7	550	455	320
05/24/2021	8	647	455	364
05/24/2021	9	647	455	404
05/24/2021	10	647	455	422
05/24/2021	11	647	460	438
05/24/2021	12	647	460	433
05/24/2021	13	647	460	437
05/24/2021	14	647	460	453
05/24/2021	15	647	460	450
05/24/2021	16	647	460	434
05/24/2021	17	550	460	403
05/24/2021	18	460	460	385
05/24/2021	19	546	460	405
05/24/2021	20	647	460	410
05/24/2021	21	647	460	419
05/24/2021	22	647	460	418
05/24/2021	23	647	460	408
05/24/2021	24	595	460	393
05/25/2021	1	460	455	368
05/25/2021	2	460	455	358
05/25/2021	3	455	420	345
05/25/2021	4	455	420	337
05/25/2021	5	455	420	330
05/25/2021	6	455	420	324
05/25/2021	7	455	420	328
05/25/2021	8	460	455	365
05/25/2021	9	460	455	394
05/25/2021	10	460	455	409
05/25/2021	11	460	455	425
05/25/2021	12	460	455	420
05/25/2021	13	460	455	424
05/25/2021	14	460	455	440
05/25/2021	15	460	455	438
05/25/2021	16	460	455	427
05/25/2021	17	460	455	398
05/25/2021	18	460	455	379
05/25/2021	19	460	455	397
05/25/2021	20	460	455	397
05/25/2021	21	460	455	403
05/25/2021	22	460	455	402
05/25/2021	23	460	455	392
05/25/2021	24	460	455	379
05/26/2021	1	550	460	364
05/26/2021	2	500	460	354
05/26/2021	3	480	455	342
05/26/2021	4	455	450	333
05/26/2021	5	463	455	327
05/26/2021	6	472	455	322
05/26/2021	7	469	455	330
05/26/2021	8	455	432	364
05/26/2021	9	570	460	395
05/26/2021	10	647	460	413

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/26/2021	11	647	460	429
05/26/2021	12	580	460	422
05/26/2021	13	593	460	426
05/26/2021	14	647	460	442
05/26/2021	15	580	460	442
05/26/2021	16	550	460	430
05/26/2021	17	517	460	400
05/26/2021	18	490	460	382
05/26/2021	19	550	460	398
05/26/2021	20	530	460	399
05/26/2021	21	606	460	406
05/26/2021	22	604	460	405
05/26/2021	23	513	460	395
05/26/2021	24	460	455	381
05/27/2021	1	647	460	368
05/27/2021	2	628	460	355
05/27/2021	3	550	455	344
05/27/2021	4	500	455	333
05/27/2021	5	483	455	326
05/27/2021	6	455	450	317
05/27/2021	7	469	455	316
05/27/2021	8	455	432	349
05/27/2021	9	500	460	376
05/27/2021	10	647	460	398
05/27/2021	11	647	460	412
05/27/2021	12	580	460	406
05/27/2021	13	593	460	415
05/27/2021	14	647	460	432
05/27/2021	15	580	460	430
05/27/2021	16	550	460	420
05/27/2021	17	500	460	390
05/27/2021	18	460	455	373
05/27/2021	19	550	460	395
05/27/2021	20	583	460	397
05/27/2021	21	647	460	403
05/27/2021	22	647	460	404
05/27/2021	23	621	460	393
05/27/2021	24	562	460	380
05/28/2021	1	590	460	372
05/28/2021	2	560	460	361
05/28/2021	3	527	455	349
05/28/2021	4	490	455	341
05/28/2021	5	455	450	334
05/28/2021	6	455	434	325
05/28/2021	7	455	420	318
05/28/2021	8	455	432	363
05/28/2021	9	550	460	395
05/28/2021	10	647	460	416
05/28/2021	11	647	460	432
05/28/2021	12	647	460	429
05/28/2021	13	647	460	439
05/28/2021	14	647	460	454
05/28/2021	15	647	460	450
05/28/2021	16	647	460	438
05/28/2021	17	647	460	405
05/28/2021	18	556	460	384
05/28/2021	19	550	460	396
05/28/2021	20	583	460	400
05/28/2021	21	647	460	407
05/28/2021	22	647	460	408
05/28/2021	23	621	460	397
05/28/2021	24	591	460	384
05/29/2021	1	647	460	371
05/29/2021	2	590	460	358
05/29/2021	3	560	455	349

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/29/2021	4	500	455	335
05/29/2021	5	466	455	328
05/29/2021	6	455	434	316
05/29/2021	7	455	420	315
05/29/2021	8	455	450	338
05/29/2021	9	455	450	362
05/29/2021	10	520	460	383
05/29/2021	11	647	460	399
05/29/2021	12	550	460	393
05/29/2021	13	560	460	400
05/29/2021	14	647	460	414
05/29/2021	15	647	460	410
05/29/2021	16	570	460	396
05/29/2021	17	550	460	375
05/29/2021	18	556	460	369
05/29/2021	19	550	460	390
05/29/2021	20	583	460	390
05/29/2021	21	647	460	398
05/29/2021	22	647	460	399
05/29/2021	23	621	460	389
05/29/2021	24	590	460	376
05/30/2021	1	647	460	363
05/30/2021	2	647	460	354
05/30/2021	3	550	453	338
05/30/2021	4	490	429	327
05/30/2021	5	486	429	317
05/30/2021	6	434	380	298
05/30/2021	7	420	412	296
05/30/2021	8	496	460	311
05/30/2021	9	550	460	328
05/30/2021	10	647	460	350
05/30/2021	11	647	460	365
05/30/2021	12	647	460	368
05/30/2021	13	647	460	378
05/30/2021	14	647	460	382
05/30/2021	15	647	460	372
05/30/2021	16	647	460	361
05/30/2021	17	647	460	349
05/30/2021	18	647	460	350
05/30/2021	19	647	460	369
05/30/2021	20	647	460	379
05/30/2021	21	647	460	381
05/30/2021	22	647	460	382
05/30/2021	23	647	460	372
05/30/2021	24	647	460	360
05/31/2021	1	647	460	362
05/31/2021	2	647	460	347
05/31/2021	3	586	455	336
05/31/2021	4	586	455	325
05/31/2021	5	489	455	316
05/31/2021	6	530	455	310
05/31/2021	7	586	455	318
05/31/2021	8	577	455	362
05/31/2021	9	647	460	399
05/31/2021	10	647	460	417
05/31/2021	11	647	460	433
05/31/2021	12	647	460	428
05/31/2021	13	647	460	432
05/31/2021	14	647	460	448
05/31/2021	15	647	460	445
05/31/2021	16	647	460	429
05/31/2021	17	550	460	398
05/31/2021	18	550	460	380
05/31/2021	19	550	460	400
05/31/2021	20	583	460	405

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/31/2021	21	647	460	414
05/31/2021	22	647	460	413
05/31/2021	23	647	460	403
05/31/2021	24	593	460	388
06/01/2021	1	647	460	383
06/01/2021	2	647	460	370
06/01/2021	3	600	460	358
06/01/2021	4	560	460	347
06/01/2021	5	520	460	341
06/01/2021	6	560	460	334
06/01/2021	7	600	460	342
06/01/2021	8	647	460	376
06/01/2021	9	647	460	407
06/01/2021	10	647	460	430
06/01/2021	11	647	460	444
06/01/2021	12	647	460	439
06/01/2021	13	647	460	444
06/01/2021	14	647	460	460
06/01/2021	15	647	460	459
06/01/2021	16	647	460	446
06/01/2021	17	647	460	416
06/01/2021	18	647	460	396
06/01/2021	19	647	460	410
06/01/2021	20	647	460	412
06/01/2021	21	647	460	419
06/01/2021	22	647	460	418
06/01/2021	23	647	460	407
06/01/2021	24	647	460	394
06/02/2021	1	647	460	374
06/02/2021	2	647	460	363
06/02/2021	3	600	460	347
06/02/2021	4	647	460	338
06/02/2021	5	520	460	331
06/02/2021	6	560	460	321
06/02/2021	7	600	460	340
06/02/2021	8	647	460	368
06/02/2021	9	647	460	404
06/02/2021	10	647	460	424
06/02/2021	11	647	460	440
06/02/2021	12	647	460	437
06/02/2021	13	647	460	440
06/02/2021	14	647	460	459
06/02/2021	15	647	460	456
06/02/2021	16	647	460	449
06/02/2021	17	647	460	419
06/02/2021	18	647	460	398
06/02/2021	19	647	460	411
06/02/2021	20	647	460	415
06/02/2021	21	647	460	423
06/02/2021	22	647	460	423
06/02/2021	23	647	460	411
06/02/2021	24	647	460	396
06/03/2021	1	647	647	347
06/03/2021	2	647	647	336
06/03/2021	3	647	647	325
06/03/2021	4	647	647	314
06/03/2021	5	647	647	308
06/03/2021	6	647	647	300
06/03/2021	7	647	647	307
06/03/2021	8	647	647	333
06/03/2021	9	647	647	358
06/03/2021	10	647	647	378
06/03/2021	11	647	647	393
06/03/2021	12	647	647	387
06/03/2021	13	647	647	396

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/03/2021	14	647	647	412
06/03/2021	15	647	647	411
06/03/2021	16	647	647	401
06/03/2021	17	647	647	373
06/03/2021	18	647	647	355
06/03/2021	19	647	647	374
06/03/2021	20	647	647	376
06/03/2021	21	647	647	382
06/03/2021	22	647	647	383
06/03/2021	23	647	647	373
06/03/2021	24	647	647	361
06/04/2021	1	647	647	366
06/04/2021	2	647	647	336
06/04/2021	3	647	647	329
06/04/2021	4	647	647	320
06/04/2021	5	647	647	313
06/04/2021	6	647	647	306
06/04/2021	7	647	647	313
06/04/2021	8	647	647	340
06/04/2021	9	647	647	376
06/04/2021	10	647	647	397
06/04/2021	11	647	647	412
06/04/2021	12	647	647	409
06/04/2021	13	647	647	417
06/04/2021	14	647	647	433
06/04/2021	15	647	647	431
06/04/2021	16	647	647	421
06/04/2021	17	647	647	389
06/04/2021	18	647	647	367
06/04/2021	19	647	647	381
06/04/2021	20	647	647	385
06/04/2021	21	647	647	391
06/04/2021	22	647	647	393
06/04/2021	23	647	647	383
06/04/2021	24	647	647	368
06/05/2021	1	647	550	365
06/05/2021	2	598	550	354
06/05/2021	3	560	550	341
06/05/2021	4	550	500	329
06/05/2021	5	550	466	323
06/05/2021	6	550	455	308
06/05/2021	7	550	455	308
06/05/2021	8	550	455	330
06/05/2021	9	550	455	354
06/05/2021	10	550	539	367
06/05/2021	11	647	550	386
06/05/2021	12	550	550	385
06/05/2021	13	560	550	392
06/05/2021	14	647	550	405
06/05/2021	15	647	550	403
06/05/2021	16	550	540	388
06/05/2021	17	550	520	367
06/05/2021	18	550	500	362
06/05/2021	19	550	550	379
06/05/2021	20	586	550	384
06/05/2021	21	647	550	390
06/05/2021	22	647	550	390
06/05/2021	23	621	550	381
06/05/2021	24	590	550	368
06/06/2021	1	647	550	352
06/06/2021	2	600	500	340
06/06/2021	3	580	500	327
06/06/2021	4	546	480	317
06/06/2021	5	500	460	306
06/06/2021	6	460	430	288

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/06/2021	7	470	420	286
06/06/2021	8	487	460	296
06/06/2021	9	520	500	311
06/06/2021	10	580	550	331
06/06/2021	11	580	550	343
06/06/2021	12	600	500	345
06/06/2021	13	647	540	352
06/06/2021	14	647	550	355
06/06/2021	15	647	550	350
06/06/2021	16	647	550	343
06/06/2021	17	600	515	330
06/06/2021	18	600	500	328
06/06/2021	19	647	500	353
06/06/2021	20	647	500	356
06/06/2021	21	647	550	363
06/06/2021	22	647	550	364
06/06/2021	23	647	550	356
06/06/2021	24	647	550	345
06/07/2021	1	647	550	347
06/07/2021	2	647	550	330
06/07/2021	3	647	550	321
06/07/2021	4	647	550	310
06/07/2021	5	647	550	304
06/07/2021	6	647	550	300
06/07/2021	7	647	550	314
06/07/2021	8	647	550	353
06/07/2021	9	647	550	372
06/07/2021	10	647	550	397
06/07/2021	11	647	550	413
06/07/2021	12	647	550	413
06/07/2021	13	647	550	426
06/07/2021	14	647	550	433
06/07/2021	15	647	550	427
06/07/2021	16	647	550	420
06/07/2021	17	647	550	393
06/07/2021	18	647	550	368
06/07/2021	19	647	550	383
06/07/2021	20	647	550	388
06/07/2021	21	647	550	394
06/07/2021	22	647	550	391
06/07/2021	23	647	550	380
06/07/2021	24	647	550	365
06/08/2021	1	647	550	350
06/08/2021	2	647	550	342
06/08/2021	3	647	550	331
06/08/2021	4	647	550	322
06/08/2021	5	647	550	318
06/08/2021	6	647	550	312
06/08/2021	7	647	550	322
06/08/2021	8	647	550	357
06/08/2021	9	647	550	384
06/08/2021	10	647	550	405
06/08/2021	11	647	550	419
06/08/2021	12	647	550	417
06/08/2021	13	647	550	423
06/08/2021	14	647	550	440
06/08/2021	15	647	550	435
06/08/2021	16	647	550	418
06/08/2021	17	647	550	387
06/08/2021	18	647	550	369
06/08/2021	19	647	550	383
06/08/2021	20	647	550	386
06/08/2021	21	647	550	392
06/08/2021	22	647	550	388
06/08/2021	23	647	550	378

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/08/2021	24	647	550	368
06/09/2021	1	647	550	356
06/09/2021	2	647	550	346
06/09/2021	3	647	550	334
06/09/2021	4	647	550	325
06/09/2021	5	647	550	318
06/09/2021	6	647	550	311
06/09/2021	7	647	550	321
06/09/2021	8	647	550	353
06/09/2021	9	647	550	385
06/09/2021	10	647	550	404
06/09/2021	11	647	550	417
06/09/2021	12	647	550	412
06/09/2021	13	647	550	414
06/09/2021	14	647	550	429
06/09/2021	15	647	550	428
06/09/2021	16	647	550	418
06/09/2021	17	647	550	388
06/09/2021	18	647	550	367
06/09/2021	19	647	550	384
06/09/2021	20	647	550	385
06/09/2021	21	647	550	390
06/09/2021	22	647	550	390
06/09/2021	23	647	550	381
06/09/2021	24	647	550	367
06/10/2021	1	647	550	320
06/10/2021	2	647	550	312
06/10/2021	3	647	550	304
06/10/2021	4	647	550	296
06/10/2021	5	647	550	295
06/10/2021	6	647	550	293
06/10/2021	7	647	550	327
06/10/2021	8	647	550	333
06/10/2021	9	647	550	363
06/10/2021	10	647	550	383
06/10/2021	11	647	550	398
06/10/2021	12	647	550	392
06/10/2021	13	647	550	391
06/10/2021	14	647	550	406
06/10/2021	15	647	550	405
06/10/2021	16	647	550	398
06/10/2021	17	647	550	377
06/10/2021	18	647	550	362
06/10/2021	19	647	550	379
06/10/2021	20	647	550	379
06/10/2021	21	647	550	381
06/10/2021	22	647	550	379
06/10/2021	23	647	550	370
06/10/2021	24	647	550	358
06/11/2021	1	647	550	351
06/11/2021	2	647	550	331
06/11/2021	3	647	550	319
06/11/2021	4	647	550	309
06/11/2021	5	647	550	303
06/11/2021	6	647	550	296
06/11/2021	7	647	550	307
06/11/2021	8	647	550	348
06/11/2021	9	647	550	381
06/11/2021	10	647	550	401
06/11/2021	11	647	550	414
06/11/2021	12	647	550	408
06/11/2021	13	647	550	409
06/11/2021	14	647	550	420
06/11/2021	15	647	550	411
06/11/2021	16	647	550	398

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/11/2021	17	647	550	371
06/11/2021	18	647	550	351
06/11/2021	19	647	550	364
06/11/2021	20	647	550	370
06/11/2021	21	647	550	378
06/11/2021	22	647	550	378
06/11/2021	23	647	550	370
06/11/2021	24	647	550	355
06/12/2021	1	460	455	334
06/12/2021	2	460	455	326
06/12/2021	3	460	455	315
06/12/2021	4	460	455	303
06/12/2021	5	460	455	298
06/12/2021	6	460	455	286
06/12/2021	7	460	455	299
06/12/2021	8	500	500	309
06/12/2021	9	500	500	331
06/12/2021	10	550	550	349
06/12/2021	11	647	550	362
06/12/2021	12	647	550	361
06/12/2021	13	647	550	366
06/12/2021	14	647	550	379
06/12/2021	15	647	550	379
06/12/2021	16	647	550	367
06/12/2021	17	647	550	348
06/12/2021	18	647	550	340
06/12/2021	19	647	550	358
06/12/2021	20	647	550	364
06/12/2021	21	550	550	369
06/12/2021	22	550	550	369
06/12/2021	23	550	550	360
06/12/2021	24	550	550	348
06/13/2021	1	600	550	339
06/13/2021	2	610	510	327
06/13/2021	3	570	500	315
06/13/2021	4	560	470	303
06/13/2021	5	520	440	294
06/13/2021	6	470	400	278
06/13/2021	7	450	380	275
06/13/2021	8	520	400	286
06/13/2021	9	560	400	301
06/13/2021	10	600	430	320
06/13/2021	11	600	460	331
06/13/2021	12	600	460	331
06/13/2021	13	600	460	335
06/13/2021	14	600	460	338
06/13/2021	15	600	460	332
06/13/2021	16	600	460	323
06/13/2021	17	600	460	315
06/13/2021	18	600	500	321
06/13/2021	19	647	550	343
06/13/2021	20	647	550	350
06/13/2021	21	647	550	355
06/13/2021	22	647	550	359
06/13/2021	23	647	550	349
06/13/2021	24	647	550	337
06/14/2021	1	460	455	327
06/14/2021	2	460	455	317
06/14/2021	3	460	455	304
06/14/2021	4	460	455	296
06/14/2021	5	460	455	292
06/14/2021	6	460	455	288
06/14/2021	7	460	455	305
06/14/2021	8	500	500	347
06/14/2021	9	500	500	380

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/14/2021	10	550	550	401
06/14/2021	11	647	550	415
06/14/2021	12	647	550	410
06/14/2021	13	647	550	413
06/14/2021	14	647	550	419
06/14/2021	15	647	550	412
06/14/2021	16	647	550	395
06/14/2021	17	647	550	371
06/14/2021	18	647	550	361
06/14/2021	19	647	550	369
06/14/2021	20	647	550	371
06/14/2021	21	550	550	372
06/14/2021	22	550	550	366
06/14/2021	23	550	550	356
06/14/2021	24	550	550	343
06/15/2021	1	460	460	329
06/15/2021	2	460	460	320
06/15/2021	3	460	460	308
06/15/2021	4	460	460	301
06/15/2021	5	460	460	296
06/15/2021	6	460	460	294
06/15/2021	7	550	500	324
06/15/2021	8	550	500	337
06/15/2021	9	647	550	375
06/15/2021	10	647	550	395
06/15/2021	11	647	550	408
06/15/2021	12	647	550	405
06/15/2021	13	647	550	406
06/15/2021	14	647	550	412
06/15/2021	15	647	550	405
06/15/2021	16	647	550	390
06/15/2021	17	647	550	367
06/15/2021	18	647	550	358
06/15/2021	19	647	550	365
06/15/2021	20	647	550	367
06/15/2021	21	550	550	367
06/15/2021	22	550	550	361
06/15/2021	23	550	550	352
06/15/2021	24	550	550	340
06/16/2021	1	465	465	338
06/16/2021	2	465	465	329
06/16/2021	3	465	465	316
06/16/2021	4	465	465	307
06/16/2021	5	465	465	302
06/16/2021	6	465	465	295
06/16/2021	7	465	465	309
06/16/2021	8	550	500	344
06/16/2021	9	647	550	374
06/16/2021	10	647	550	395
06/16/2021	11	647	550	407
06/16/2021	12	647	550	403
06/16/2021	13	647	550	410
06/16/2021	14	647	550	425
06/16/2021	15	647	550	420
06/16/2021	16	647	550	409
06/16/2021	17	647	550	387
06/16/2021	18	647	550	370
06/16/2021	19	647	550	384
06/16/2021	20	647	550	382
06/16/2021	21	550	550	385
06/16/2021	22	550	550	376
06/16/2021	23	550	550	369
06/16/2021	24	550	550	356
06/17/2021	1	465	465	369
06/17/2021	2	465	465	355

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/17/2021	3	465	465	340
06/17/2021	4	465	465	329
06/17/2021	5	465	465	323
06/17/2021	6	465	465	317
06/17/2021	7	465	465	327
06/17/2021	8	550	500	362
06/17/2021	9	647	550	393
06/17/2021	10	647	550	415
06/17/2021	11	647	550	430
06/17/2021	12	647	550	427
06/17/2021	13	647	550	435
06/17/2021	14	647	550	454
06/17/2021	15	647	550	452
06/17/2021	16	647	550	443
06/17/2021	17	647	550	414
06/17/2021	18	647	550	387
06/17/2021	19	647	550	402
06/17/2021	20	647	550	406
06/17/2021	21	647	550	413
06/17/2021	22	647	550	412
06/17/2021	23	647	550	404
06/17/2021	24	647	550	387
06/18/2021	1	550	550	369
06/18/2021	2	465	465	343
06/18/2021	3	465	465	334
06/18/2021	4	465	465	326
06/18/2021	5	465	465	320
06/18/2021	6	465	465	314
06/18/2021	7	550	500	324
06/18/2021	8	550	500	359
06/18/2021	9	647	560	390
06/18/2021	10	647	560	412
06/18/2021	11	647	560	426
06/18/2021	12	647	560	418
06/18/2021	13	647	560	422
06/18/2021	14	647	560	436
06/18/2021	15	647	560	432
06/18/2021	16	647	560	418
06/18/2021	17	647	560	392
06/18/2021	18	647	560	377
06/18/2021	19	647	560	389
06/18/2021	20	647	560	392
06/18/2021	21	647	560	396
06/18/2021	22	647	560	392
06/18/2021	23	647	560	375
06/18/2021	24	647	560	362
06/19/2021	1	550	550	351
06/19/2021	2	550	550	339
06/19/2021	3	550	550	327
06/19/2021	4	465	465	317
06/19/2021	5	465	465	310
06/19/2021	6	465	465	298
06/19/2021	7	500	465	300
06/19/2021	8	550	550	328
06/19/2021	9	647	550	359
06/19/2021	10	647	550	377
06/19/2021	11	647	550	392
06/19/2021	12	647	550	389
06/19/2021	13	647	550	395
06/19/2021	14	647	550	408
06/19/2021	15	647	550	405
06/19/2021	16	647	550	391
06/19/2021	17	647	550	369
06/19/2021	18	647	550	363
06/19/2021	19	647	550	382

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/19/2021	20	647	550	386
06/19/2021	21	647	550	391
06/19/2021	22	647	550	391
06/19/2021	23	647	550	378
06/19/2021	24	647	550	360
06/20/2021	1	600	550	321
06/20/2021	2	570	510	310
06/20/2021	3	540	500	298
06/20/2021	4	510	470	290
06/20/2021	5	480	440	284
06/20/2021	6	451	380	274
06/20/2021	7	450	380	277
06/20/2021	8	520	400	292
06/20/2021	9	560	400	311
06/20/2021	10	600	430	333
06/20/2021	11	600	460	346
06/20/2021	12	600	460	343
06/20/2021	13	600	460	347
06/20/2021	14	615	460	351
06/20/2021	15	600	460	340
06/20/2021	16	600	460	328
06/20/2021	17	600	460	320
06/20/2021	18	600	500	327
06/20/2021	19	647	550	351
06/20/2021	20	647	550	355
06/20/2021	21	647	550	354
06/20/2021	22	647	550	352
06/20/2021	23	600	500	340
06/20/2021	24	600	500	326
06/21/2021	1	465	465	314
06/21/2021	2	465	465	303
06/21/2021	3	465	465	295
06/21/2021	4	465	465	290
06/21/2021	5	465	465	286
06/21/2021	6	465	465	291
06/21/2021	7	500	465	309
06/21/2021	8	550	550	346
06/21/2021	9	647	550	387
06/21/2021	10	647	550	409
06/21/2021	11	647	550	428
06/21/2021	12	647	550	420
06/21/2021	13	647	550	424
06/21/2021	14	647	550	437
06/21/2021	15	647	550	432
06/21/2021	16	647	550	422
06/21/2021	17	647	550	398
06/21/2021	18	647	550	381
06/21/2021	19	647	550	395
06/21/2021	20	647	550	394
06/21/2021	21	647	550	395
06/21/2021	22	647	550	388
06/21/2021	23	647	550	381
06/21/2021	24	647	550	364
06/22/2021	1	500	480	332
06/22/2021	2	465	465	322
06/22/2021	3	465	465	312
06/22/2021	4	465	465	302
06/22/2021	5	465	465	299
06/22/2021	6	465	465	297
06/22/2021	7	580	465	314
06/22/2021	8	580	550	343
06/22/2021	9	647	580	374
06/22/2021	10	647	580	393
06/22/2021	11	647	580	409
06/22/2021	12	647	580	403

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/22/2021	13	647	580	403
06/22/2021	14	647	580	412
06/22/2021	15	647	580	405
06/22/2021	16	647	580	395
06/22/2021	17	647	580	373
06/22/2021	18	647	580	360
06/22/2021	19	647	580	372
06/22/2021	20	647	580	371
06/22/2021	21	647	580	374
06/22/2021	22	647	580	368
06/22/2021	23	647	580	358
06/22/2021	24	647	580	345
06/23/2021	1	550	500	347
06/23/2021	2	465	465	337
06/23/2021	3	465	465	324
06/23/2021	4	465	465	315
06/23/2021	5	465	465	310
06/23/2021	6	465	465	303
06/23/2021	7	550	500	311
06/23/2021	8	550	500	347
06/23/2021	9	647	580	379
06/23/2021	10	647	580	398
06/23/2021	11	647	580	409
06/23/2021	12	647	580	405
06/23/2021	13	647	580	409
06/23/2021	14	647	580	417
06/23/2021	15	647	580	412
06/23/2021	16	647	580	402
06/23/2021	17	647	580	377
06/23/2021	18	647	580	367
06/23/2021	19	647	580	375
06/23/2021	20	647	580	377
06/23/2021	21	647	580	375
06/23/2021	22	647	580	372
06/23/2021	23	647	580	363
06/23/2021	24	647	580	346
06/24/2021	1	550	500	324
06/24/2021	2	465	465	314
06/24/2021	3	465	465	304
06/24/2021	4	465	465	298
06/24/2021	5	465	465	296
06/24/2021	6	465	465	293
06/24/2021	7	490	480	291
06/24/2021	8	550	500	336
06/24/2021	9	647	580	369
06/24/2021	10	647	580	391
06/24/2021	11	647	580	405
06/24/2021	12	647	580	401
06/24/2021	13	647	580	406
06/24/2021	14	647	580	418
06/24/2021	15	647	580	412
06/24/2021	16	647	580	399
06/24/2021	17	647	580	376
06/24/2021	18	647	580	361
06/24/2021	19	647	580	373
06/24/2021	20	647	580	373
06/24/2021	21	647	580	375
06/24/2021	22	647	580	368
06/24/2021	23	647	580	357
06/24/2021	24	647	580	346
06/25/2021	1	550	500	334
06/25/2021	2	465	465	325
06/25/2021	3	465	465	315
06/25/2021	4	465	465	308
06/25/2021	5	465	465	305

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/25/2021	6	465	465	301
06/25/2021	7	490	480	319
06/25/2021	8	647	580	351
06/25/2021	9	647	580	381
06/25/2021	10	647	580	402
06/25/2021	11	647	580	416
06/25/2021	12	647	580	403
06/25/2021	13	647	580	402
06/25/2021	14	647	580	412
06/25/2021	15	647	580	407
06/25/2021	16	647	580	395
06/25/2021	17	647	580	374
06/25/2021	18	647	580	363
06/25/2021	19	647	580	374
06/25/2021	20	647	580	374
06/25/2021	21	647	580	375
06/25/2021	22	647	580	368
06/25/2021	23	647	580	352
06/25/2021	24	647	580	341
06/26/2021	1	550	500	343
06/26/2021	2	465	465	342
06/26/2021	3	465	465	334
06/26/2021	4	465	465	323
06/26/2021	5	465	465	317
06/26/2021	6	465	465	301
06/26/2021	7	465	465	312
06/26/2021	8	550	500	337
06/26/2021	9	647	580	361
06/26/2021	10	647	580	379
06/26/2021	11	647	580	393
06/26/2021	12	647	580	391
06/26/2021	13	647	580	395
06/26/2021	14	647	580	408
06/26/2021	15	647	580	404
06/26/2021	16	647	580	393
06/26/2021	17	647	580	370
06/26/2021	18	647	580	360
06/26/2021	19	647	580	380
06/26/2021	20	647	580	386
06/26/2021	21	647	580	388
06/26/2021	22	647	580	389
06/26/2021	23	647	580	378
06/26/2021	24	647	580	362
06/27/2021	1	647	580	360
06/27/2021	2	647	580	348
06/27/2021	3	607	540	333
06/27/2021	4	580	500	324
06/27/2021	5	580	500	316
06/27/2021	6	550	477	301
06/27/2021	7	550	460	297
06/27/2021	8	580	500	310
06/27/2021	9	600	540	322
06/27/2021	10	647	580	345
06/27/2021	11	647	580	355
06/27/2021	12	647	580	354
06/27/2021	13	647	580	357
06/27/2021	14	647	580	364
06/27/2021	15	647	580	361
06/27/2021	16	647	580	349
06/27/2021	17	647	580	337
06/27/2021	18	647	580	339
06/27/2021	19	647	580	358
06/27/2021	20	647	580	360
06/27/2021	21	647	580	365
06/27/2021	22	647	580	363

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/27/2021	23	647	580	354
06/27/2021	24	647	580	343
06/28/2021	1	550	500	333
06/28/2021	2	465	465	324
06/28/2021	3	465	465	315
06/28/2021	4	465	465	305
06/28/2021	5	465	465	305
06/28/2021	6	465	465	304
06/28/2021	7	490	480	319
06/28/2021	8	550	550	357
06/28/2021	9	647	580	395
06/28/2021	10	647	580	421
06/28/2021	11	647	580	428
06/28/2021	12	647	580	419
06/28/2021	13	647	580	418
06/28/2021	14	647	580	429
06/28/2021	15	647	580	422
06/28/2021	16	647	580	412
06/28/2021	17	647	580	389
06/28/2021	18	647	580	375
06/28/2021	19	647	580	389
06/28/2021	20	647	580	391
06/28/2021	21	647	580	392
06/28/2021	22	647	580	382
06/28/2021	23	647	580	372
06/28/2021	24	647	580	357
06/29/2021	1	550	500	331
06/29/2021	2	465	465	321
06/29/2021	3	465	465	309
06/29/2021	4	465	465	304
06/29/2021	5	465	465	302
06/29/2021	6	465	465	299
06/29/2021	7	490	480	310
06/29/2021	8	550	550	342
06/29/2021	9	647	580	368
06/29/2021	10	647	580	390
06/29/2021	11	647	580	407
06/29/2021	12	647	580	403
06/29/2021	13	647	580	407
06/29/2021	14	647	580	405
06/29/2021	15	647	580	399
06/29/2021	16	647	580	393
06/29/2021	17	647	580	372
06/29/2021	18	647	580	360
06/29/2021	19	647	580	375
06/29/2021	20	647	580	375
06/29/2021	21	647	580	373
06/29/2021	22	647	580	367
06/29/2021	23	647	580	356
06/29/2021	24	647	580	335
06/30/2021	1	550	500	336
06/30/2021	2	465	465	318
06/30/2021	3	465	465	307
06/30/2021	4	465	465	302
06/30/2021	5	465	465	300
06/30/2021	6	465	465	294
06/30/2021	7	490	480	306
06/30/2021	8	550	550	346
06/30/2021	9	647	580	376
06/30/2021	10	647	580	397
06/30/2021	11	647	580	412
06/30/2021	12	647	580	409
06/30/2021	13	647	580	412
06/30/2021	14	647	580	413
06/30/2021	15	647	580	407

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/30/2021	16	647	580	399
06/30/2021	17	647	580	376
06/30/2021	18	647	580	362
06/30/2021	19	647	580	372
06/30/2021	20	647	580	370
06/30/2021	21	647	580	367
06/30/2021	22	647	580	358
06/30/2021	23	647	580	349
06/30/2021	24	647	580	335
07/01/2021	1	550	550	331
07/01/2021	2	550	550	319
07/01/2021	3	500	500	306
07/01/2021	4	500	465	299
07/01/2021	5	465	465	297
07/01/2021	6	465	465	296
07/01/2021	7	490	480	308
07/01/2021	8	550	550	342
07/01/2021	9	647	580	376
07/01/2021	10	647	580	399
07/01/2021	11	647	580	418
07/01/2021	12	647	580	413
07/01/2021	13	647	580	419
07/01/2021	14	647	580	424
07/01/2021	15	647	580	419
07/01/2021	16	647	580	410
07/01/2021	17	647	580	385
07/01/2021	18	647	580	367
07/01/2021	19	647	580	384
07/01/2021	20	647	580	387
07/01/2021	21	647	580	389
07/01/2021	22	647	580	383
07/01/2021	23	647	580	372
07/01/2021	24	647	580	325
07/02/2021	1	647	580	353
07/02/2021	2	647	580	338
07/02/2021	3	540	500	329
07/02/2021	4	500	465	319
07/02/2021	5	465	465	317
07/02/2021	6	465	465	311
07/02/2021	7	490	480	321
07/02/2021	8	550	550	358
07/02/2021	9	647	580	361
07/02/2021	10	647	580	374
07/02/2021	11	647	580	388
07/02/2021	12	647	580	417
07/02/2021	13	647	580	418
07/02/2021	14	647	580	416
07/02/2021	15	647	580	385
07/02/2021	16	647	580	381
07/02/2021	17	647	580	388
07/02/2021	18	647	580	368
07/02/2021	19	647	580	363
07/02/2021	20	647	580	387
07/02/2021	21	647	580	364
07/02/2021	22	647	580	380
07/02/2021	23	647	580	360
07/02/2021	24	647	580	328
07/03/2021	1	600	550	326
07/03/2021	2	550	500	315
07/03/2021	3	540	500	303
07/03/2021	4	500	465	295
07/03/2021	5	465	465	291
07/03/2021	6	465	465	286
07/03/2021	7	465	465	288
07/03/2021	8	550	500	316

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/03/2021	9	647	580	344
07/03/2021	10	647	580	365
07/03/2021	11	647	580	377
07/03/2021	12	647	580	370
07/03/2021	13	647	580	370
07/03/2021	14	647	580	369
07/03/2021	15	647	580	362
07/03/2021	16	647	580	356
07/03/2021	17	647	580	343
07/03/2021	18	647	580	342
07/03/2021	19	647	580	360
07/03/2021	20	647	580	363
07/03/2021	21	647	580	366
07/03/2021	22	647	580	358
07/03/2021	23	647	580	350
07/03/2021	24	647	580	335
07/04/2021	1	647	580	353
07/04/2021	2	647	580	341
07/04/2021	3	647	580	327
07/04/2021	4	647	580	318
07/04/2021	5	647	550	310
07/04/2021	6	600	522	295
07/04/2021	7	580	500	292
07/04/2021	8	550	530	304
07/04/2021	9	647	550	316
07/04/2021	10	647	580	339
07/04/2021	11	647	580	348
07/04/2021	12	647	580	348
07/04/2021	13	647	580	350
07/04/2021	14	647	580	357
07/04/2021	15	647	580	354
07/04/2021	16	647	580	342
07/04/2021	17	647	580	330
07/04/2021	18	647	580	333
07/04/2021	19	647	580	351
07/04/2021	20	647	580	353
07/04/2021	21	647	580	358
07/04/2021	22	647	580	356
07/04/2021	23	647	580	347
07/04/2021	24	647	580	336
07/05/2021	1	600	550	320
07/05/2021	2	550	500	308
07/05/2021	3	540	500	298
07/05/2021	4	500	465	290
07/05/2021	5	465	465	289
07/05/2021	6	465	465	290
07/05/2021	7	465	465	305
07/05/2021	8	550	500	340
07/05/2021	9	647	580	375
07/05/2021	10	647	580	397
07/05/2021	11	647	580	416
07/05/2021	12	647	580	414
07/05/2021	13	647	580	415
07/05/2021	14	647	580	423
07/05/2021	15	647	580	420
07/05/2021	16	647	580	405
07/05/2021	17	647	580	379
07/05/2021	18	647	580	359
07/05/2021	19	647	580	371
07/05/2021	20	647	580	365
07/05/2021	21	647	580	370
07/05/2021	22	647	580	360
07/05/2021	23	647	580	349
07/05/2021	24	647	580	338
07/06/2021	1	560	550	312

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/06/2021	2	560	500	302
07/06/2021	3	550	500	293
07/06/2021	4	500	480	287
07/06/2021	5	500	480	288
07/06/2021	6	550	500	286
07/06/2021	7	550	550	297
07/06/2021	8	647	580	331
07/06/2021	9	647	580	362
07/06/2021	10	647	580	383
07/06/2021	11	647	580	394
07/06/2021	12	647	580	389
07/06/2021	13	647	580	392
07/06/2021	14	647	580	393
07/06/2021	15	647	580	388
07/06/2021	16	647	580	379
07/06/2021	17	647	580	356
07/06/2021	18	647	580	341
07/06/2021	19	647	580	352
07/06/2021	20	647	580	354
07/06/2021	21	647	580	355
07/06/2021	22	647	580	348
07/06/2021	23	647	580	334
07/06/2021	24	647	580	315
07/07/2021	1	647	580	335
07/07/2021	2	600	530	323
07/07/2021	3	550	500	311
07/07/2021	4	500	480	302
07/07/2021	5	500	480	297
07/07/2021	6	550	480	289
07/07/2021	7	550	550	302
07/07/2021	8	647	580	341
07/07/2021	9	647	580	369
07/07/2021	10	647	580	389
07/07/2021	11	647	580	401
07/07/2021	12	647	580	397
07/07/2021	13	647	580	404
07/07/2021	14	647	580	405
07/07/2021	15	647	580	400
07/07/2021	16	647	580	385
07/07/2021	17	647	580	355
07/07/2021	18	647	580	334
07/07/2021	19	647	580	348
07/07/2021	20	647	580	357
07/07/2021	21	647	580	366
07/07/2021	22	647	580	366
07/07/2021	23	647	580	356
07/07/2021	24	647	580	315
07/08/2021	1	500	460	300
07/08/2021	2	500	500	288
07/08/2021	3	548	480	281
07/08/2021	4	548	480	277
07/08/2021	5	548	480	275
07/08/2021	6	548	480	278
07/08/2021	7	548	500	298
07/08/2021	8	580	548	337
07/08/2021	9	600	580	368
07/08/2021	10	647	580	389
07/08/2021	11	647	580	406
07/08/2021	12	647	580	399
07/08/2021	13	647	580	403
07/08/2021	14	647	580	401
07/08/2021	15	647	580	391
07/08/2021	16	647	580	380
07/08/2021	17	647	580	360
07/08/2021	18	647	580	347

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/08/2021	19	647	580	359
07/08/2021	20	647	580	357
07/08/2021	21	647	580	356
07/08/2021	22	647	580	346
07/08/2021	23	647	580	337
07/08/2021	24	647	580	325
07/09/2021	1	500	500	324
07/09/2021	2	500	500	313
07/09/2021	3	500	480	304
07/09/2021	4	500	480	297
07/09/2021	5	500	480	296
07/09/2021	6	500	480	295
07/09/2021	7	500	500	307
07/09/2021	8	550	500	341
07/09/2021	9	600	580	370
07/09/2021	10	647	580	387
07/09/2021	11	647	580	404
07/09/2021	12	647	580	396
07/09/2021	13	647	580	400
07/09/2021	14	647	580	401
07/09/2021	15	647	580	391
07/09/2021	16	647	580	366
07/09/2021	17	647	580	353
07/09/2021	18	647	580	344
07/09/2021	19	647	580	350
07/09/2021	20	647	580	348
07/09/2021	21	647	580	345
07/09/2021	22	647	580	335
07/09/2021	23	647	580	325
07/09/2021	24	647	580	336
07/10/2021	1	550	550	332
07/10/2021	2	550	500	323
07/10/2021	3	500	480	315
07/10/2021	4	500	480	305
07/10/2021	5	500	480	300
07/10/2021	6	500	480	291
07/10/2021	7	500	480	292
07/10/2021	8	500	490	311
07/10/2021	9	647	590	335
07/10/2021	10	647	590	350
07/10/2021	11	647	590	360
07/10/2021	12	600	550	348
07/10/2021	13	600	550	345
07/10/2021	14	600	550	336
07/10/2021	15	600	550	329
07/10/2021	16	600	550	327
07/10/2021	17	600	550	319
07/10/2021	18	600	550	322
07/10/2021	19	647	590	336
07/10/2021	20	647	590	339
07/10/2021	21	580	550	337
07/10/2021	22	580	550	331
07/10/2021	23	580	550	318
07/10/2021	24	580	550	305
07/11/2021	1	550	450	311
07/11/2021	2	530	450	297
07/11/2021	3	510	450	291
07/11/2021	4	510	450	283
07/11/2021	5	490	450	276
07/11/2021	6	480	450	269
07/11/2021	7	480	420	262
07/11/2021	8	510	400	262
07/11/2021	9	541	420	273
07/11/2021	10	570	450	290
07/11/2021	11	600	467	310

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/11/2021	12	600	502	323
07/11/2021	13	600	507	320
07/11/2021	14	600	507	319
07/11/2021	15	600	507	320
07/11/2021	16	600	507	318
07/11/2021	17	600	507	313
07/11/2021	18	600	507	311
07/11/2021	19	600	516	315
07/11/2021	20	626	530	334
07/11/2021	21	647	550	337
07/11/2021	22	647	540	337
07/11/2021	23	647	530	333
07/11/2021	24	642	500	321
07/12/2021	1	550	500	304
07/12/2021	2	500	480	293
07/12/2021	3	500	480	286
07/12/2021	4	480	470	282
07/12/2021	5	480	470	280
07/12/2021	6	480	470	283
07/12/2021	7	550	500	302
07/12/2021	8	647	590	341
07/12/2021	9	647	590	377
07/12/2021	10	647	590	397
07/12/2021	11	647	590	414
07/12/2021	12	647	590	407
07/12/2021	13	647	590	411
07/12/2021	14	647	590	422
07/12/2021	15	647	590	412
07/12/2021	16	647	590	400
07/12/2021	17	647	590	379
07/12/2021	18	647	590	366
07/12/2021	19	647	590	378
07/12/2021	20	647	590	377
07/12/2021	21	647	590	375
07/12/2021	22	647	590	366
07/12/2021	23	647	590	356
07/12/2021	24	647	590	344
07/13/2021	1	620	590	335
07/13/2021	2	600	550	324
07/13/2021	3	600	550	312
07/13/2021	4	590	520	304
07/13/2021	5	590	520	299
07/13/2021	6	550	500	295
07/13/2021	7	590	580	308
07/13/2021	8	600	590	339
07/13/2021	9	647	590	370
07/13/2021	10	647	590	390
07/13/2021	11	647	590	400
07/13/2021	12	647	590	398
07/13/2021	13	647	590	405
07/13/2021	14	647	590	409
07/13/2021	15	647	590	404
07/13/2021	16	647	590	394
07/13/2021	17	647	590	374
07/13/2021	18	647	590	358
07/13/2021	19	647	590	370
07/13/2021	20	647	590	374
07/13/2021	21	647	590	375
07/13/2021	22	647	590	370
07/13/2021	23	647	590	358
07/13/2021	24	647	590	347
07/14/2021	1	647	590	342
07/14/2021	2	647	590	332
07/14/2021	3	600	550	319
07/14/2021	4	600	500	311

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/14/2021	5	600	500	306
07/14/2021	6	600	500	302
07/14/2021	7	620	530	315
07/14/2021	8	647	590	347
07/14/2021	9	647	590	378
07/14/2021	10	647	590	399
07/14/2021	11	647	590	410
07/14/2021	12	647	590	408
07/14/2021	13	647	590	415
07/14/2021	14	647	590	419
07/14/2021	15	647	590	414
07/14/2021	16	647	590	404
07/14/2021	17	647	590	383
07/14/2021	18	647	590	366
07/14/2021	19	647	590	379
07/14/2021	20	647	590	383
07/14/2021	21	647	590	384
07/14/2021	22	647	590	379
07/14/2021	23	647	590	366
07/14/2021	24	647	590	323
07/15/2021	1	600	550	314
07/15/2021	2	550	500	303
07/15/2021	3	550	500	294
07/15/2021	4	550	500	288
07/15/2021	5	550	500	287
07/15/2021	6	550	500	286
07/15/2021	7	550	500	299
07/15/2021	8	600	550	332
07/15/2021	9	647	590	338
07/15/2021	10	647	590	356
07/15/2021	11	647	590	374
07/15/2021	12	647	590	374
07/15/2021	13	647	590	389
07/15/2021	14	647	590	390
07/15/2021	15	647	590	375
07/15/2021	16	647	590	363
07/15/2021	17	647	590	356
07/15/2021	18	647	590	342
07/15/2021	19	647	590	348
07/15/2021	20	647	590	346
07/15/2021	21	647	590	343
07/15/2021	22	647	590	340
07/15/2021	23	647	590	330
07/15/2021	24	647	590	329
07/16/2021	1	647	590	342
07/16/2021	2	600	550	330
07/16/2021	3	550	500	316
07/16/2021	4	500	480	306
07/16/2021	5	500	480	302
07/16/2021	6	500	480	299
07/16/2021	7	600	530	310
07/16/2021	8	600	590	344
07/16/2021	9	647	590	377
07/16/2021	10	647	590	397
07/16/2021	11	647	590	410
07/16/2021	12	647	590	395
07/16/2021	13	647	590	397
07/16/2021	14	647	590	413
07/16/2021	15	647	590	403
07/16/2021	16	647	590	397
07/16/2021	17	647	590	381
07/16/2021	18	610	550	364
07/16/2021	19	647	590	382
07/16/2021	20	647	590	384
07/16/2021	21	647	590	383

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/16/2021	22	647	590	376
07/16/2021	23	647	590	365
07/16/2021	24	647	590	353
07/17/2021	1	647	590	336
07/17/2021	2	550	500	326
07/17/2021	3	500	480	316
07/17/2021	4	480	470	308
07/17/2021	5	480	470	301
07/17/2021	6	480	470	294
07/17/2021	7	480	470	296
07/17/2021	8	520	500	318
07/17/2021	9	550	500	348
07/17/2021	10	550	500	360
07/17/2021	11	647	590	379
07/17/2021	12	647	590	369
07/17/2021	13	647	590	368
07/17/2021	14	647	590	379
07/17/2021	15	647	590	373
07/17/2021	16	580	570	358
07/17/2021	17	580	570	345
07/17/2021	18	600	580	344
07/17/2021	19	647	590	363
07/17/2021	20	647	590	367
07/17/2021	21	647	590	366
07/17/2021	22	647	590	359
07/17/2021	23	630	580	350
07/17/2021	24	630	580	339
07/18/2021	1	600	570	301
07/18/2021	2	570	540	294
07/18/2021	3	540	500	287
07/18/2021	4	500	480	279
07/18/2021	5	480	450	272
07/18/2021	6	450	411	265
07/18/2021	7	450	400	265
07/18/2021	8	470	400	276
07/18/2021	9	500	420	293
07/18/2021	10	590	460	313
07/18/2021	11	590	500	326
07/18/2021	12	590	530	324
07/18/2021	13	590	530	322
07/18/2021	14	590	520	324
07/18/2021	15	590	480	322
07/18/2021	16	570	480	317
07/18/2021	17	580	510	315
07/18/2021	18	610	550	318
07/18/2021	19	647	590	338
07/18/2021	20	647	590	341
07/18/2021	21	647	590	341
07/18/2021	22	647	590	337
07/18/2021	23	647	590	325
07/18/2021	24	620	570	311
07/19/2021	1	668	460	311
07/19/2021	2	668	460	302
07/19/2021	3	668	455	293
07/19/2021	4	668	450	285
07/19/2021	5	668	450	284
07/19/2021	6	668	450	284
07/19/2021	7	668	460	302
07/19/2021	8	668	460	339
07/19/2021	9	668	460	368
07/19/2021	10	668	560	393
07/19/2021	11	668	647	407
07/19/2021	12	668	647	399
07/19/2021	13	668	647	400
07/19/2021	14	668	647	408

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/19/2021	15	668	647	401
07/19/2021	16	668	647	392
07/19/2021	17	668	647	371
07/19/2021	18	668	580	357
07/19/2021	19	668	647	373
07/19/2021	20	668	647	374
07/19/2021	21	668	647	374
07/19/2021	22	668	647	368
07/19/2021	23	668	590	355
07/19/2021	24	668	590	342
07/20/2021	1	550	500	334
07/20/2021	2	550	500	323
07/20/2021	3	500	480	311
07/20/2021	4	480	480	304
07/20/2021	5	480	480	298
07/20/2021	6	480	470	295
07/20/2021	7	480	470	307
07/20/2021	8	500	470	338
07/20/2021	9	550	500	369
07/20/2021	10	550	500	389
07/20/2021	11	600	550	399
07/20/2021	12	600	550	397
07/20/2021	13	600	550	404
07/20/2021	14	647	590	408
07/20/2021	15	550	500	403
07/20/2021	16	550	500	393
07/20/2021	17	550	500	374
07/20/2021	18	550	500	357
07/20/2021	19	550	500	369
07/20/2021	20	550	500	374
07/20/2021	21	550	500	374
07/20/2021	22	550	500	369
07/20/2021	23	550	500	357
07/20/2021	24	600	550	315
07/21/2021	1	600	590	334
07/21/2021	2	600	560	323
07/21/2021	3	580	530	311
07/21/2021	4	550	490	304
07/21/2021	5	530	460	298
07/21/2021	6	530	460	295
07/21/2021	7	550	470	307
07/21/2021	8	580	510	338
07/21/2021	9	600	590	369
07/21/2021	10	647	590	389
07/21/2021	11	647	590	399
07/21/2021	12	647	590	397
07/21/2021	13	647	590	404
07/21/2021	14	647	590	408
07/21/2021	15	647	590	403
07/21/2021	16	647	590	393
07/21/2021	17	620	570	374
07/21/2021	18	610	570	357
07/21/2021	19	647	590	369
07/21/2021	20	647	590	374
07/21/2021	21	647	590	374
07/21/2021	22	647	590	369
07/21/2021	23	647	590	357
07/21/2021	24	590	540	315
07/22/2021	1	550	500	336
07/22/2021	2	550	500	323
07/22/2021	3	500	480	314
07/22/2021	4	500	480	304
07/22/2021	5	500	480	302
07/22/2021	6	500	480	302
07/22/2021	7	560	550	315

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/22/2021	8	600	570	350
07/22/2021	9	647	590	382
07/22/2021	10	647	590	395
07/22/2021	11	647	590	391
07/22/2021	12	647	590	392
07/22/2021	13	647	590	390
07/22/2021	14	647	590	387
07/22/2021	15	647	590	380
07/22/2021	16	647	590	371
07/22/2021	17	647	590	353
07/22/2021	18	647	590	345
07/22/2021	19	647	590	353
07/22/2021	20	647	590	348
07/22/2021	21	647	590	344
07/22/2021	22	580	550	333
07/22/2021	23	580	550	321
07/22/2021	24	647	590	352
07/23/2021	1	647	455	331
07/23/2021	2	600	500	320
07/23/2021	3	550	548	309
07/23/2021	4	550	548	301
07/23/2021	5	550	548	297
07/23/2021	6	550	548	294
07/23/2021	7	550	548	304
07/23/2021	8	550	548	315
07/23/2021	9	647	590	338
07/23/2021	10	647	590	356
07/23/2021	11	647	590	369
07/23/2021	12	647	590	363
07/23/2021	13	647	590	365
07/23/2021	14	647	590	363
07/23/2021	15	647	590	358
07/23/2021	16	600	550	346
07/23/2021	17	600	550	329
07/23/2021	18	580	520	325
07/23/2021	19	647	590	339
07/23/2021	20	647	590	342
07/23/2021	21	647	590	344
07/23/2021	22	600	590	340
07/23/2021	23	580	550	330
07/23/2021	24	550	500	331
07/24/2021	1	550	480	328
07/24/2021	2	550	480	318
07/24/2021	3	550	480	307
07/24/2021	4	500	470	299
07/24/2021	5	500	470	294
07/24/2021	6	500	470	286
07/24/2021	7	500	470	289
07/24/2021	8	500	470	280
07/24/2021	9	550	480	295
07/24/2021	10	550	480	314
07/24/2021	11	550	480	325
07/24/2021	12	550	480	324
07/24/2021	13	550	480	326
07/24/2021	14	550	480	320
07/24/2021	15	550	480	317
07/24/2021	16	550	480	309
07/24/2021	17	590	560	304
07/24/2021	18	590	560	305
07/24/2021	19	647	590	326
07/24/2021	20	647	590	331
07/24/2021	21	647	590	335
07/24/2021	22	560	550	332
07/24/2021	23	500	480	321
07/24/2021	24	500	480	317

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/25/2021	1	465	420	282
07/25/2021	2	450	420	276
07/25/2021	3	420	400	269
07/25/2021	4	400	400	262
07/25/2021	5	400	380	256
07/25/2021	6	400	380	249
07/25/2021	7	400	380	248
07/25/2021	8	420	400	259
07/25/2021	9	450	450	276
07/25/2021	10	500	480	294
07/25/2021	11	530	510	306
07/25/2021	12	530	510	304
07/25/2021	13	530	510	302
07/25/2021	14	530	510	304
07/25/2021	15	560	510	302
07/25/2021	16	600	550	297
07/25/2021	17	647	567	296
07/25/2021	18	647	590	299
07/25/2021	19	647	590	317
07/25/2021	20	647	590	320
07/25/2021	21	647	590	321
07/25/2021	22	647	590	316
07/25/2021	23	647	550	305
07/25/2021	24	500	500	292
07/26/2021	1	490	470	288
07/26/2021	2	480	470	277
07/26/2021	3	480	470	270
07/26/2021	4	480	470	266
07/26/2021	5	480	470	264
07/26/2021	6	480	470	267
07/26/2021	7	500	480	286
07/26/2021	8	590	550	325
07/26/2021	9	590	550	342
07/26/2021	10	647	590	362
07/26/2021	11	647	590	378
07/26/2021	12	647	590	372
07/26/2021	13	647	590	376
07/26/2021	14	647	590	386
07/26/2021	15	647	590	376
07/26/2021	16	647	590	365
07/26/2021	17	647	590	344
07/26/2021	18	647	590	331
07/26/2021	19	647	590	343
07/26/2021	20	600	550	341
07/26/2021	21	600	590	340
07/26/2021	22	600	530	330
07/26/2021	23	600	530	321
07/26/2021	24	600	530	309
07/27/2021	1	647	590	317
07/27/2021	2	620	570	307
07/27/2021	3	580	520	297
07/27/2021	4	500	480	291
07/27/2021	5	500	480	289
07/27/2021	6	500	480	287
07/27/2021	7	550	500	299
07/27/2021	8	647	590	332
07/27/2021	9	647	590	362
07/27/2021	10	647	590	382
07/27/2021	11	647	590	395
07/27/2021	12	647	590	389
07/27/2021	13	647	590	391
07/27/2021	14	647	590	391
07/27/2021	15	647	590	386
07/27/2021	16	647	590	376
07/27/2021	17	647	590	354

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/27/2021	18	647	590	339
07/27/2021	19	647	590	351
07/27/2021	20	647	590	352
07/27/2021	21	647	590	354
07/27/2021	22	647	590	349
07/27/2021	23	647	590	336
07/27/2021	24	647	590	320
07/28/2021	1	550	500	317
07/28/2021	2	500	480	307
07/28/2021	3	480	460	297
07/28/2021	4	480	460	291
07/28/2021	5	480	460	289
07/28/2021	6	480	460	287
07/28/2021	7	480	460	299
07/28/2021	8	500	480	332
07/28/2021	9	580	540	362
07/28/2021	10	647	590	382
07/28/2021	11	647	590	395
07/28/2021	12	647	590	389
07/28/2021	13	647	590	391
07/28/2021	14	647	590	391
07/28/2021	15	647	590	386
07/28/2021	16	647	590	376
07/28/2021	17	600	550	354
07/28/2021	18	550	540	339
07/28/2021	19	600	580	351
07/28/2021	20	620	590	352
07/28/2021	21	647	590	354
07/28/2021	22	647	590	349
07/28/2021	23	600	550	336
07/28/2021	24	550	500	320
07/29/2021	1	600	570	320
07/29/2021	2	550	500	310
07/29/2021	3	550	500	299
07/29/2021	4	550	500	297
07/29/2021	5	550	500	295
07/29/2021	6	550	500	298
07/29/2021	7	550	500	308
07/29/2021	8	570	540	337
07/29/2021	9	647	590	366
07/29/2021	10	647	590	384
07/29/2021	11	647	590	395
07/29/2021	12	647	590	389
07/29/2021	13	647	590	388
07/29/2021	14	647	590	385
07/29/2021	15	647	590	379
07/29/2021	16	647	590	369
07/29/2021	17	647	590	355
07/29/2021	18	600	550	342
07/29/2021	19	647	590	358
07/29/2021	20	647	590	355
07/29/2021	21	647	590	351
07/29/2021	22	647	590	343
07/29/2021	23	600	550	329
07/29/2021	24	647	590	329
07/30/2021	1	647	590	327
07/30/2021	2	630	570	317
07/30/2021	3	600	550	306
07/30/2021	4	550	550	298
07/30/2021	5	550	500	294
07/30/2021	6	550	500	291
07/30/2021	7	580	520	302
07/30/2021	8	590	530	311
07/30/2021	9	590	530	332
07/30/2021	10	600	550	349

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/30/2021	11	647	590	361
07/30/2021	12	600	560	356
07/30/2021	13	600	550	358
07/30/2021	14	600	550	355
07/30/2021	15	600	550	350
07/30/2021	16	550	500	339
07/30/2021	17	500	480	325
07/30/2021	18	550	500	321
07/30/2021	19	550	500	335
07/30/2021	20	647	590	337
07/30/2021	21	647	590	339
07/30/2021	22	647	590	335
07/30/2021	23	647	590	325
07/30/2021	24	647	590	326
07/31/2021	1	647	590	324
07/31/2021	2	647	590	313
07/31/2021	3	647	590	303
07/31/2021	4	647	590	295
07/31/2021	5	647	590	290
07/31/2021	6	647	590	283
07/31/2021	7	647	590	286
07/31/2021	8	580	500	278
07/31/2021	9	590	500	293
07/31/2021	10	647	590	311
07/31/2021	11	647	590	321
07/31/2021	12	647	590	320
07/31/2021	13	600	590	322
07/31/2021	14	600	550	316
07/31/2021	15	600	550	314
07/31/2021	16	647	590	306
07/31/2021	17	647	590	301
07/31/2021	18	647	590	304
07/31/2021	19	647	590	325
07/31/2021	20	647	590	329
07/31/2021	21	647	590	333
07/31/2021	22	647	590	330
07/31/2021	23	647	590	320
07/31/2021	24	647	590	313
08/01/2021	1	590	520	282
08/01/2021	2	590	520	272
08/01/2021	3	590	520	251
08/01/2021	4	560	520	251
08/01/2021	5	560	520	251
08/01/2021	6	590	520	251
08/01/2021	7	590	520	251
08/01/2021	8	550	530	250
08/01/2021	9	600	590	260
08/01/2021	10	600	590	272
08/01/2021	11	600	590	277
08/01/2021	12	600	590	277
08/01/2021	13	600	590	277
08/01/2021	14	600	540	277
08/01/2021	15	600	560	277
08/01/2021	16	600	590	277
08/01/2021	17	647	590	277
08/01/2021	18	647	590	277
08/01/2021	19	647	590	298
08/01/2021	20	647	590	318
08/01/2021	21	647	590	311
08/01/2021	22	630	590	309
08/01/2021	23	600	550	285
08/01/2021	24	570	520	285
08/02/2021	1	600	550	267
08/02/2021	2	580	500	260
08/02/2021	3	560	500	256

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/02/2021	4	560	500	253
08/02/2021	5	560	520	256
08/02/2021	6	600	520	267
08/02/2021	7	647	590	283
08/02/2021	8	647	590	316
08/02/2021	9	647	590	348
08/02/2021	10	647	590	367
08/02/2021	11	647	590	384
08/02/2021	12	647	590	377
08/02/2021	13	647	590	377
08/02/2021	14	647	590	387
08/02/2021	15	647	590	386
08/02/2021	16	647	590	379
08/02/2021	17	647	590	365
08/02/2021	18	647	590	351
08/02/2021	19	647	590	366
08/02/2021	20	647	590	359
08/02/2021	21	647	590	360
08/02/2021	22	647	590	349
08/02/2021	23	647	590	341
08/02/2021	24	647	590	328
08/03/2021	1	647	590	321
08/03/2021	2	647	590	311
08/03/2021	3	647	590	300
08/03/2021	4	647	590	299
08/03/2021	5	647	590	296
08/03/2021	6	647	590	300
08/03/2021	7	647	590	310
08/03/2021	8	647	590	339
08/03/2021	9	647	590	369
08/03/2021	10	647	590	388
08/03/2021	11	647	590	399
08/03/2021	12	647	590	393
08/03/2021	13	647	590	392
08/03/2021	14	647	590	389
08/03/2021	15	647	590	384
08/03/2021	16	647	590	373
08/03/2021	17	647	590	360
08/03/2021	18	647	590	346
08/03/2021	19	647	590	362
08/03/2021	20	647	590	359
08/03/2021	21	647	590	355
08/03/2021	22	647	590	347
08/03/2021	23	647	590	333
08/03/2021	24	647	590	310
08/04/2021	1	647	590	313
08/04/2021	2	600	550	305
08/04/2021	3	550	500	296
08/04/2021	4	550	500	288
08/04/2021	5	550	500	286
08/04/2021	6	550	500	291
08/04/2021	7	600	550	303
08/04/2021	8	600	560	329
08/04/2021	9	647	590	355
08/04/2021	10	647	590	370
08/04/2021	11	647	590	379
08/04/2021	12	647	590	369
08/04/2021	13	647	590	363
08/04/2021	14	600	550	357
08/04/2021	15	600	550	355
08/04/2021	16	620	590	355
08/04/2021	17	620	590	344
08/04/2021	18	620	590	337
08/04/2021	19	600	570	341
08/04/2021	20	560	530	339

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/04/2021	21	560	530	334
08/04/2021	22	610	590	324
08/04/2021	23	600	550	312
08/04/2021	24	600	550	310
08/05/2021	1	647	590	315
08/05/2021	2	647	590	304
08/05/2021	3	647	590	295
08/05/2021	4	590	540	289
08/05/2021	5	590	540	288
08/05/2021	6	590	540	287
08/05/2021	7	600	560	298
08/05/2021	8	647	590	334
08/05/2021	9	647	590	362
08/05/2021	10	647	590	383
08/05/2021	11	647	590	397
08/05/2021	12	647	590	392
08/05/2021	13	647	590	395
08/05/2021	14	647	590	396
08/05/2021	15	647	590	389
08/05/2021	16	647	590	379
08/05/2021	17	647	590	356
08/05/2021	18	647	590	342
08/05/2021	19	647	590	356
08/05/2021	20	647	590	358
08/05/2021	21	647	590	361
08/05/2021	22	647	590	355
08/05/2021	23	647	590	345
08/05/2021	24	647	590	307
08/06/2021	1	647	590	330
08/06/2021	2	620	570	320
08/06/2021	3	560	520	308
08/06/2021	4	550	500	305
08/06/2021	5	550	500	300
08/06/2021	6	550	500	300
08/06/2021	7	550	530	309
08/06/2021	8	600	550	341
08/06/2021	9	647	590	371
08/06/2021	10	647	590	390
08/06/2021	11	647	590	400
08/06/2021	12	647	590	390
08/06/2021	13	647	590	392
08/06/2021	14	647	590	393
08/06/2021	15	647	590	389
08/06/2021	16	647	590	382
08/06/2021	17	647	590	365
08/06/2021	18	647	590	350
08/06/2021	19	647	590	364
08/06/2021	20	647	590	361
08/06/2021	21	647	590	362
08/06/2021	22	647	590	358
08/06/2021	23	647	590	348
08/06/2021	24	647	590	321
08/07/2021	1	647	590	318
08/07/2021	2	610	590	307
08/07/2021	3	550	530	298
08/07/2021	4	500	500	291
08/07/2021	5	500	500	290
08/07/2021	6	500	500	288
08/07/2021	7	500	500	288
08/07/2021	8	550	550	310
08/07/2021	9	600	550	330
08/07/2021	10	630	550	350
08/07/2021	11	630	550	357
08/07/2021	12	630	550	351
08/07/2021	13	630	550	355

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/07/2021	14	630	550	353
08/07/2021	15	630	550	349
08/07/2021	16	630	550	344
08/07/2021	17	600	500	330
08/07/2021	18	600	500	330
08/07/2021	19	647	590	351
08/07/2021	20	647	590	351
08/07/2021	21	647	590	347
08/07/2021	22	647	590	343
08/07/2021	23	647	590	331
08/07/2021	24	647	590	323
08/08/2021	1	647	590	312
08/08/2021	2	620	570	300
08/08/2021	3	560	520	289
08/08/2021	4	520	480	283
08/08/2021	5	520	480	276
08/08/2021	6	490	450	269
08/08/2021	7	550	430	265
08/08/2021	8	580	450	276
08/08/2021	9	600	550	291
08/08/2021	10	647	590	307
08/08/2021	11	647	590	317
08/08/2021	12	600	590	315
08/08/2021	13	600	590	316
08/08/2021	14	600	590	318
08/08/2021	15	600	590	318
08/08/2021	16	600	590	317
08/08/2021	17	600	590	314
08/08/2021	18	600	590	315
08/08/2021	19	647	590	334
08/08/2021	20	647	590	332
08/08/2021	21	647	590	332
08/08/2021	22	647	590	325
08/08/2021	23	647	590	315
08/08/2021	24	647	590	308
08/09/2021	1	647	590	296
08/09/2021	2	647	590	286
08/09/2021	3	550	530	278
08/09/2021	4	500	500	274
08/09/2021	5	500	500	271
08/09/2021	6	550	520	278
08/09/2021	7	600	520	291
08/09/2021	8	647	590	325
08/09/2021	9	647	590	358
08/09/2021	10	647	590	377
08/09/2021	11	647	590	391
08/09/2021	12	647	590	384
08/09/2021	13	647	590	380
08/09/2021	14	647	590	390
08/09/2021	15	647	590	386
08/09/2021	16	647	590	381
08/09/2021	17	647	590	360
08/09/2021	18	647	590	350
08/09/2021	19	647	590	358
08/09/2021	20	647	590	353
08/09/2021	21	647	590	352
08/09/2021	22	647	590	344
08/09/2021	23	647	590	336
08/09/2021	24	647	590	325
08/10/2021	1	580	470	330
08/10/2021	2	580	470	323
08/10/2021	3	580	470	307
08/10/2021	4	580	470	301
08/10/2021	5	580	470	297
08/10/2021	6	580	470	293

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/10/2021	7	580	470	303
08/10/2021	8	580	470	337
08/10/2021	9	580	470	361
08/10/2021	10	610	495	374
08/10/2021	11	647	590	389
08/10/2021	12	550	500	380
08/10/2021	13	550	530	382
08/10/2021	14	647	590	384
08/10/2021	15	600	550	379
08/10/2021	16	550	500	373
08/10/2021	17	500	500	355
08/10/2021	18	500	500	340
08/10/2021	19	550	500	357
08/10/2021	20	550	550	354
08/10/2021	21	647	560	361
08/10/2021	22	647	560	359
08/10/2021	23	600	550	349
08/10/2021	24	550	500	332
08/11/2021	1	550	500	331
08/11/2021	2	480	470	321
08/11/2021	3	480	470	309
08/11/2021	4	480	470	306
08/11/2021	5	480	470	301
08/11/2021	6	480	470	302
08/11/2021	7	480	470	310
08/11/2021	8	550	500	342
08/11/2021	9	647	590	373
08/11/2021	10	647	590	392
08/11/2021	11	647	590	402
08/11/2021	12	647	590	392
08/11/2021	13	647	590	394
08/11/2021	14	647	590	395
08/11/2021	15	647	590	391
08/11/2021	16	647	590	384
08/11/2021	17	580	550	367
08/11/2021	18	550	500	352
08/11/2021	19	647	590	366
08/11/2021	20	647	590	363
08/11/2021	21	647	590	364
08/11/2021	22	647	590	360
08/11/2021	23	580	550	349
08/11/2021	24	550	500	331
08/12/2021	1	550	500	328
08/12/2021	2	500	480	318
08/12/2021	3	480	470	306
08/12/2021	4	480	470	304
08/12/2021	5	480	470	299
08/12/2021	6	480	470	299
08/12/2021	7	480	470	308
08/12/2021	8	550	520	341
08/12/2021	9	647	590	371
08/12/2021	10	647	590	391
08/12/2021	11	647	590	401
08/12/2021	12	647	590	391
08/12/2021	13	647	590	393
08/12/2021	14	647	590	393
08/12/2021	15	647	590	390
08/12/2021	16	647	590	383
08/12/2021	17	647	590	366
08/12/2021	18	600	530	351
08/12/2021	19	647	590	365
08/12/2021	20	647	590	362
08/12/2021	21	647	590	363
08/12/2021	22	647	590	359
08/12/2021	23	630	590	348

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/12/2021	24	550	500	331
08/13/2021	1	600	540	330
08/13/2021	2	530	480	315
08/13/2021	3	480	470	303
08/13/2021	4	480	470	300
08/13/2021	5	480	470	295
08/13/2021	6	480	470	295
08/13/2021	7	480	470	304
08/13/2021	8	500	500	336
08/13/2021	9	647	590	367
08/13/2021	10	647	590	386
08/13/2021	11	647	590	400
08/13/2021	12	647	590	386
08/13/2021	13	647	590	388
08/13/2021	14	647	590	393
08/13/2021	15	647	590	389
08/13/2021	16	647	590	382
08/13/2021	17	647	590	365
08/13/2021	18	600	530	350
08/13/2021	19	647	590	364
08/13/2021	20	647	590	361
08/13/2021	21	647	590	362
08/13/2021	22	647	590	358
08/13/2021	23	647	590	348
08/13/2021	24	620	570	338
08/14/2021	1	580	560	318
08/14/2021	2	500	480	307
08/14/2021	3	480	470	297
08/14/2021	4	480	470	291
08/14/2021	5	480	470	290
08/14/2021	6	480	470	288
08/14/2021	7	480	470	288
08/14/2021	8	480	470	310
08/14/2021	9	500	500	339
08/14/2021	10	580	540	353
08/14/2021	11	647	590	364
08/14/2021	12	600	570	358
08/14/2021	13	620	550	361
08/14/2021	14	647	590	361
08/14/2021	15	600	550	354
08/14/2021	16	550	520	348
08/14/2021	17	500	480	335
08/14/2021	18	550	500	330
08/14/2021	19	647	590	351
08/14/2021	20	647	590	353
08/14/2021	21	647	590	359
08/14/2021	22	647	590	356
08/14/2021	23	647	590	346
08/14/2021	24	647	590	335
08/15/2021	1	647	590	322
08/15/2021	2	600	550	315
08/15/2021	3	570	520	302
08/15/2021	4	550	500	295
08/15/2021	5	520	500	287
08/15/2021	6	490	460	276
08/15/2021	7	500	460	269
08/15/2021	8	540	470	279
08/15/2021	9	600	550	290
08/15/2021	10	647	590	305
08/15/2021	11	647	590	317
08/15/2021	12	647	590	315
08/15/2021	13	647	590	319
08/15/2021	14	647	590	328
08/15/2021	15	647	590	326
08/15/2021	16	647	590	324

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/15/2021	17	600	590	315
08/15/2021	18	600	590	319
08/15/2021	19	647	590	335
08/15/2021	20	647	590	338
08/15/2021	21	647	590	346
08/15/2021	22	647	590	343
08/15/2021	23	647	590	332
08/15/2021	24	620	561	317
08/16/2021	1	500	480	294
08/16/2021	2	460	455	284
08/16/2021	3	460	455	274
08/16/2021	4	460	455	267
08/16/2021	5	460	455	264
08/16/2021	6	460	455	267
08/16/2021	7	460	455	280
08/16/2021	8	460	455	310
08/16/2021	9	500	480	342
08/16/2021	10	647	590	360
08/16/2021	11	647	590	373
08/16/2021	12	647	590	368
08/16/2021	13	647	590	371
08/16/2021	14	647	590	387
08/16/2021	15	647	590	383
08/16/2021	16	647	590	375
08/16/2021	17	600	570	350
08/16/2021	18	600	550	338
08/16/2021	19	647	590	350
08/16/2021	20	647	590	351
08/16/2021	21	647	590	355
08/16/2021	22	647	590	349
08/16/2021	23	600	550	334
08/16/2021	24	550	500	322
08/17/2021	1	647	590	328
08/17/2021	2	647	590	319
08/17/2021	3	647	590	310
08/17/2021	4	647	590	301
08/17/2021	5	630	580	298
08/17/2021	6	620	580	298
08/17/2021	7	620	580	305
08/17/2021	8	647	590	331
08/17/2021	9	647	590	356
08/17/2021	10	647	590	368
08/17/2021	11	647	590	375
08/17/2021	12	647	590	368
08/17/2021	13	647	590	368
08/17/2021	14	647	590	372
08/17/2021	15	647	590	370
08/17/2021	16	647	590	360
08/17/2021	17	647	590	343
08/17/2021	18	647	590	336
08/17/2021	19	647	590	347
08/17/2021	20	647	590	349
08/17/2021	21	647	590	351
08/17/2021	22	647	590	345
08/17/2021	23	647	590	333
08/17/2021	24	647	590	331
08/18/2021	1	647	590	326
08/18/2021	2	647	590	316
08/18/2021	3	647	590	306
08/18/2021	4	600	540	300
08/18/2021	5	560	500	296
08/18/2021	6	560	500	294
08/18/2021	7	600	520	304
08/18/2021	8	647	590	334
08/18/2021	9	647	590	363

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/18/2021	10	647	590	386
08/18/2021	11	647	590	389
08/18/2021	12	647	590	381
08/18/2021	13	647	590	384
08/18/2021	14	647	590	384
08/18/2021	15	647	590	376
08/18/2021	16	647	590	368
08/18/2021	17	550	500	352
08/18/2021	18	550	500	342
08/18/2021	19	647	590	350
08/18/2021	20	647	590	346
08/18/2021	21	647	590	348
08/18/2021	22	647	590	346
08/18/2021	23	647	590	334
08/18/2021	24	647	590	324
08/19/2021	1	647	590	332
08/19/2021	2	647	590	319
08/19/2021	3	570	520	310
08/19/2021	4	520	500	299
08/19/2021	5	500	480	299
08/19/2021	6	500	480	295
08/19/2021	7	560	510	306
08/19/2021	8	647	590	338
08/19/2021	9	647	590	367
08/19/2021	10	647	590	385
08/19/2021	11	647	590	395
08/19/2021	12	647	590	389
08/19/2021	13	647	590	396
08/19/2021	14	647	590	393
08/19/2021	15	647	590	377
08/19/2021	16	647	590	371
08/19/2021	17	500	480	350
08/19/2021	18	500	480	344
08/19/2021	19	600	550	360
08/19/2021	20	647	590	363
08/19/2021	21	647	590	370
08/19/2021	22	647	590	363
08/19/2021	23	647	590	351
08/19/2021	24	647	590	328
08/20/2021	1	647	590	323
08/20/2021	2	647	590	315
08/20/2021	3	647	590	303
08/20/2021	4	647	590	295
08/20/2021	5	647	590	293
08/20/2021	6	647	590	294
08/20/2021	7	647	590	303
08/20/2021	8	647	590	332
08/20/2021	9	647	590	356
08/20/2021	10	647	590	374
08/20/2021	11	647	590	388
08/20/2021	12	647	590	381
08/20/2021	13	647	590	378
08/20/2021	14	647	590	390
08/20/2021	15	647	590	388
08/20/2021	16	647	590	381
08/20/2021	17	647	590	363
08/20/2021	18	647	590	357
08/20/2021	19	647	590	372
08/20/2021	20	647	590	373
08/20/2021	21	647	590	378
08/20/2021	22	647	590	371
08/20/2021	23	647	590	359
08/20/2021	24	647	590	348
08/21/2021	1	580	540	301
08/21/2021	2	550	500	291

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/21/2021	3	480	470	283
08/21/2021	4	470	460	275
08/21/2021	5	470	460	271
08/21/2021	6	470	460	267
08/21/2021	7	470	460	270
08/21/2021	8	470	460	287
08/21/2021	9	470	460	306
08/21/2021	10	470	460	325
08/21/2021	11	500	480	340
08/21/2021	12	500	480	333
08/21/2021	13	500	480	337
08/21/2021	14	500	480	330
08/21/2021	15	500	480	321
08/21/2021	16	500	480	316
08/21/2021	17	500	480	306
08/21/2021	18	500	480	308
08/21/2021	19	550	500	320
08/21/2021	20	600	550	325
08/21/2021	21	600	550	328
08/21/2021	22	600	550	322
08/21/2021	23	600	550	313
08/21/2021	24	647	590	318
08/22/2021	1	647	590	312
08/22/2021	2	600	550	302
08/22/2021	3	570	520	294
08/22/2021	4	550	500	284
08/22/2021	5	520	500	278
08/22/2021	6	490	460	271
08/22/2021	7	500	460	267
08/22/2021	8	540	470	273
08/22/2021	9	600	550	283
08/22/2021	10	647	590	294
08/22/2021	11	647	590	302
08/22/2021	12	647	590	301
08/22/2021	13	647	590	305
08/22/2021	14	647	590	307
08/22/2021	15	647	590	307
08/22/2021	16	647	590	301
08/22/2021	17	600	590	298
08/22/2021	18	600	590	307
08/22/2021	19	647	590	328
08/22/2021	20	647	590	329
08/22/2021	21	647	590	330
08/22/2021	22	647	590	329
08/22/2021	23	647	590	316
08/22/2021	24	620	561	304
08/23/2021	1	500	480	286
08/23/2021	2	470	455	277
08/23/2021	3	470	455	268
08/23/2021	4	470	455	262
08/23/2021	5	470	455	262
08/23/2021	6	470	455	268
08/23/2021	7	470	455	281
08/23/2021	8	500	480	316
08/23/2021	9	550	500	344
08/23/2021	10	600	590	365
08/23/2021	11	647	590	375
08/23/2021	12	647	590	374
08/23/2021	13	647	590	378
08/23/2021	14	647	590	391
08/23/2021	15	647	590	390
08/23/2021	16	647	590	384
08/23/2021	17	647	590	362
08/23/2021	18	647	590	349
08/23/2021	19	647	590	365

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/23/2021	20	647	590	368
08/23/2021	21	647	590	373
08/23/2021	22	647	590	368
08/23/2021	23	647	590	355
08/23/2021	24	647	590	340
08/24/2021	1	647	590	331
08/24/2021	2	580	530	322
08/24/2021	3	555	500	313
08/24/2021	4	480	470	304
08/24/2021	5	480	470	301
08/24/2021	6	480	470	301
08/24/2021	7	480	470	307
08/24/2021	8	550	500	334
08/24/2021	9	647	590	360
08/24/2021	10	647	590	372
08/24/2021	11	647	590	379
08/24/2021	12	647	590	371
08/24/2021	13	647	590	372
08/24/2021	14	647	590	373
08/24/2021	15	647	590	373
08/24/2021	16	647	590	363
08/24/2021	17	580	500	346
08/24/2021	18	580	500	339
08/24/2021	19	647	590	350
08/24/2021	20	647	590	352
08/24/2021	21	647	590	355
08/24/2021	22	647	590	349
08/24/2021	23	647	590	336
08/24/2021	24	647	590	336
08/25/2021	1	647	590	330
08/25/2021	2	580	530	317
08/25/2021	3	555	500	308
08/25/2021	4	480	470	300
08/25/2021	5	480	470	297
08/25/2021	6	470	455	295
08/25/2021	7	480	460	304
08/25/2021	8	594	500	338
08/25/2021	9	647	590	366
08/25/2021	10	647	590	385
08/25/2021	11	647	590	401
08/25/2021	12	647	590	393
08/25/2021	13	647	590	396
08/25/2021	14	647	590	403
08/25/2021	15	647	590	399
08/25/2021	16	647	590	384
08/25/2021	17	580	500	361
08/25/2021	18	580	500	348
08/25/2021	19	647	590	351
08/25/2021	20	647	590	352
08/25/2021	21	647	590	356
08/25/2021	22	647	590	349
08/25/2021	23	647	590	337
08/25/2021	24	647	590	331
08/26/2021	1	600	550	326
08/26/2021	2	550	480	313
08/26/2021	3	500	470	306
08/26/2021	4	475	470	298
08/26/2021	5	475	470	295
08/26/2021	6	475	470	294
08/26/2021	7	475	470	304
08/26/2021	8	475	470	331
08/26/2021	9	647	590	360
08/26/2021	10	647	590	377
08/26/2021	11	647	590	393
08/26/2021	12	647	590	385

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/26/2021	13	647	590	390
08/26/2021	14	647	590	396
08/26/2021	15	647	590	391
08/26/2021	16	600	570	379
08/26/2021	17	530	500	356
08/26/2021	18	500	480	350
08/26/2021	19	630	590	361
08/26/2021	20	647	590	362
08/26/2021	21	647	590	362
08/26/2021	22	600	520	346
08/26/2021	23	550	500	336
08/26/2021	24	530	500	326
08/27/2021	1	647	590	318
08/27/2021	2	550	500	308
08/27/2021	3	480	470	298
08/27/2021	4	480	470	292
08/27/2021	5	480	470	289
08/27/2021	6	480	470	288
08/27/2021	7	480	470	295
08/27/2021	8	480	470	325
08/27/2021	9	550	500	354
08/27/2021	10	647	590	372
08/27/2021	11	647	590	391
08/27/2021	12	647	590	381
08/27/2021	13	647	590	384
08/27/2021	14	647	590	395
08/27/2021	15	647	590	383
08/27/2021	16	600	550	375
08/27/2021	17	550	500	356
08/27/2021	18	550	500	346
08/27/2021	19	550	500	347
08/27/2021	20	647	590	346
08/27/2021	21	647	590	345
08/27/2021	22	647	590	340
08/27/2021	23	647	590	332
08/27/2021	24	647	590	330
08/28/2021	1	500	480	301
08/28/2021	2	480	470	290
08/28/2021	3	480	470	283
08/28/2021	4	480	470	277
08/28/2021	5	480	470	279
08/28/2021	6	480	470	272
08/28/2021	7	480	470	271
08/28/2021	8	480	470	284
08/28/2021	9	480	470	301
08/28/2021	10	480	470	322
08/28/2021	11	500	480	334
08/28/2021	12	500	480	331
08/28/2021	13	540	500	335
08/28/2021	14	647	590	348
08/28/2021	15	560	530	340
08/28/2021	16	560	530	325
08/28/2021	17	560	530	315
08/28/2021	18	560	530	318
08/28/2021	19	560	530	320
08/28/2021	20	560	530	320
08/28/2021	21	647	590	326
08/28/2021	22	647	590	321
08/28/2021	23	590	560	311
08/28/2021	24	550	520	301
08/29/2021	1	647	590	319
08/29/2021	2	600	550	309
08/29/2021	3	580	520	300
08/29/2021	4	550	520	291
08/29/2021	5	520	500	284

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/29/2021	6	520	480	277
08/29/2021	7	500	455	273
08/29/2021	8	530	480	280
08/29/2021	9	550	510	289
08/29/2021	10	600	540	301
08/29/2021	11	647	590	309
08/29/2021	12	647	590	308
08/29/2021	13	647	590	312
08/29/2021	14	647	590	314
08/29/2021	15	647	590	314
08/29/2021	16	647	590	308
08/29/2021	17	647	590	305
08/29/2021	18	647	590	314
08/29/2021	19	647	590	336
08/29/2021	20	647	590	336
08/29/2021	21	647	590	338
08/29/2021	22	647	590	337
08/29/2021	23	647	590	323
08/29/2021	24	647	590	311
08/30/2021	1	647	590	323
08/30/2021	2	600	550	313
08/30/2021	3	580	520	304
08/30/2021	4	550	520	294
08/30/2021	5	520	500	288
08/30/2021	6	520	480	281
08/30/2021	7	500	455	276
08/30/2021	8	530	480	283
08/30/2021	9	550	510	293
08/30/2021	10	580	540	305
08/30/2021	11	580	560	312
08/30/2021	12	580	560	312
08/30/2021	13	580	560	315
08/30/2021	14	600	560	318
08/30/2021	15	600	560	318
08/30/2021	16	580	510	312
08/30/2021	17	580	510	309
08/30/2021	18	600	537	318
08/30/2021	19	647	590	340
08/30/2021	20	647	590	341
08/30/2021	21	647	590	342
08/30/2021	22	647	590	341
08/30/2021	23	647	590	327
08/30/2021	24	647	590	315
08/31/2021	1	500	500	313
08/31/2021	2	480	470	303
08/31/2021	3	480	470	295
08/31/2021	4	480	470	288
08/31/2021	5	480	470	287
08/31/2021	6	480	470	289
08/31/2021	7	480	470	296
08/31/2021	8	480	470	327
08/31/2021	9	520	500	355
08/31/2021	10	610	560	375
08/31/2021	11	647	590	388
08/31/2021	12	647	590	379
08/31/2021	13	647	590	369
08/31/2021	14	647	590	379
08/31/2021	15	647	590	374
08/31/2021	16	600	550	366
08/31/2021	17	500	480	350
08/31/2021	18	480	470	339
08/31/2021	19	500	480	343
08/31/2021	20	500	480	339
08/31/2021	21	500	480	340
08/31/2021	22	480	470	330

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/31/2021	23	480	470	319
08/31/2021	24	480	470	309
09/01/2021	1	500	500	316
09/01/2021	2	480	470	305
09/01/2021	3	480	470	291
09/01/2021	4	480	470	287
09/01/2021	5	480	470	274
09/01/2021	6	480	470	276
09/01/2021	7	480	470	285
09/01/2021	8	520	500	317
09/01/2021	9	560	520	350
09/01/2021	10	647	590	371
09/01/2021	11	647	590	389
09/01/2021	12	647	590	379
09/01/2021	13	647	590	380
09/01/2021	14	647	590	392
09/01/2021	15	647	590	379
09/01/2021	16	647	590	372
09/01/2021	17	560	500	348
09/01/2021	18	520	480	337
09/01/2021	19	600	550	344
09/01/2021	20	600	550	344
09/01/2021	21	600	550	344
09/01/2021	22	500	480	336
09/01/2021	23	480	470	323
09/01/2021	24	480	470	307
09/02/2021	1	480	470	300
09/02/2021	2	480	470	291
09/02/2021	3	480	470	282
09/02/2021	4	480	470	277
09/02/2021	5	480	470	279
09/02/2021	6	480	470	276
09/02/2021	7	480	470	286
09/02/2021	8	520	500	322
09/02/2021	9	580	530	355
09/02/2021	10	647	590	376
09/02/2021	11	647	590	394
09/02/2021	12	647	590	385
09/02/2021	13	647	590	385
09/02/2021	14	647	590	386
09/02/2021	15	647	590	373
09/02/2021	16	647	590	366
09/02/2021	17	580	540	349
09/02/2021	18	580	540	337
09/02/2021	19	647	590	345
09/02/2021	20	647	590	345
09/02/2021	21	647	590	345
09/02/2021	22	647	590	336
09/02/2021	23	580	500	323
09/02/2021	24	560	500	324
09/03/2021	1	590	460	321
09/03/2021	2	590	460	309
09/03/2021	3	590	460	295
09/03/2021	4	590	460	289
09/03/2021	5	590	460	286
09/03/2021	6	590	460	286
09/03/2021	7	590	460	293
09/03/2021	8	590	460	323
09/03/2021	9	590	460	351
09/03/2021	10	590	460	369
09/03/2021	11	590	460	383
09/03/2021	12	590	460	377
09/03/2021	13	590	460	381
09/03/2021	14	590	460	390
09/03/2021	15	590	460	384

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/03/2021	16	590	460	369
09/03/2021	17	590	460	353
09/03/2021	18	590	460	338
09/03/2021	19	590	460	344
09/03/2021	20	590	460	344
09/03/2021	21	590	460	343
09/03/2021	22	590	460	338
09/03/2021	23	590	460	335
09/03/2021	24	590	460	311
09/04/2021	1	590	460	297
09/04/2021	2	500	460	288
09/04/2021	3	480	460	279
09/04/2021	4	480	460	275
09/04/2021	5	480	460	271
09/04/2021	6	480	460	267
09/04/2021	7	480	460	269
09/04/2021	8	480	460	292
09/04/2021	9	500	460	312
09/04/2021	10	550	460	333
09/04/2021	11	590	460	349
09/04/2021	12	590	460	343
09/04/2021	13	590	460	345
09/04/2021	14	590	460	351
09/04/2021	15	590	460	345
09/04/2021	16	590	460	338
09/04/2021	17	590	460	326
09/04/2021	18	590	460	325
09/04/2021	19	590	460	333
09/04/2021	20	590	460	332
09/04/2021	21	590	460	334
09/04/2021	22	590	460	327
09/04/2021	23	590	460	318
09/04/2021	24	590	460	323
09/05/2021	1	590	460	321
09/05/2021	2	590	460	310
09/05/2021	3	590	460	299
09/05/2021	4	590	460	291
09/05/2021	5	590	460	286
09/05/2021	6	590	460	279
09/05/2021	7	590	460	276
09/05/2021	8	590	460	284
09/05/2021	9	590	460	300
09/05/2021	10	590	460	321
09/05/2021	11	590	460	332
09/05/2021	12	590	460	332
09/05/2021	13	590	460	335
09/05/2021	14	590	460	338
09/05/2021	15	590	460	329
09/05/2021	16	590	460	316
09/05/2021	17	590	460	317
09/05/2021	18	590	460	325
09/05/2021	19	590	460	335
09/05/2021	20	590	460	336
09/05/2021	21	590	460	334
09/05/2021	22	590	460	329
09/05/2021	23	590	460	317
09/05/2021	24	590	460	307
09/06/2021	1	590	460	292
09/06/2021	2	510	460	286
09/06/2021	3	480	460	278
09/06/2021	4	480	460	272
09/06/2021	5	480	460	273
09/06/2021	6	480	460	279
09/06/2021	7	500	460	292
09/06/2021	8	590	460	325

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/06/2021	9	590	460	355
09/06/2021	10	590	460	378
09/06/2021	11	590	460	393
09/06/2021	12	590	460	387
09/06/2021	13	590	460	388
09/06/2021	14	590	460	403
09/06/2021	15	590	460	398
09/06/2021	16	590	460	389
09/06/2021	17	590	460	373
09/06/2021	18	590	460	363
09/06/2021	19	590	460	367
09/06/2021	20	590	460	364
09/06/2021	21	590	460	362
09/06/2021	22	590	460	356
09/06/2021	23	590	460	345
09/06/2021	24	590	460	334
09/07/2021	1	480	470	301
09/07/2021	2	480	470	292
09/07/2021	3	480	470	284
09/07/2021	4	480	470	279
09/07/2021	5	480	470	277
09/07/2021	6	480	470	280
09/07/2021	7	480	470	292
09/07/2021	8	500	490	326
09/07/2021	9	580	510	357
09/07/2021	10	647	590	381
09/07/2021	11	647	590	389
09/07/2021	12	647	590	386
09/07/2021	13	647	590	391
09/07/2021	14	647	590	407
09/07/2021	15	647	590	395
09/07/2021	16	647	590	383
09/07/2021	17	600	520	359
09/07/2021	18	580	500	344
09/07/2021	19	580	500	344
09/07/2021	20	580	500	340
09/07/2021	21	580	500	340
09/07/2021	22	550	490	334
09/07/2021	23	520	490	322
09/07/2021	24	500	480	309
09/08/2021	1	480	470	305
09/08/2021	2	460	440	297
09/08/2021	3	460	440	289
09/08/2021	4	460	440	284
09/08/2021	5	460	440	282
09/08/2021	6	460	440	280
09/08/2021	7	480	470	297
09/08/2021	8	500	490	330
09/08/2021	9	550	500	361
09/08/2021	10	647	590	386
09/08/2021	11	647	590	394
09/08/2021	12	647	590	391
09/08/2021	13	647	590	396
09/08/2021	14	647	590	399
09/08/2021	15	647	590	388
09/08/2021	16	560	520	376
09/08/2021	17	500	480	352
09/08/2021	18	480	470	344
09/08/2021	19	480	470	344
09/08/2021	20	480	470	340
09/08/2021	21	480	470	340
09/08/2021	22	470	460	334
09/08/2021	23	470	460	322
09/08/2021	24	470	460	309
09/09/2021	1	480	470	302

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/09/2021	2	480	470	294
09/09/2021	3	480	470	287
09/09/2021	4	480	470	281
09/09/2021	5	480	470	280
09/09/2021	6	480	470	278
09/09/2021	7	480	470	296
09/09/2021	8	520	500	329
09/09/2021	9	580	550	360
09/09/2021	10	647	590	385
09/09/2021	11	647	590	393
09/09/2021	12	647	590	390
09/09/2021	13	647	590	396
09/09/2021	14	647	590	399
09/09/2021	15	647	590	388
09/09/2021	16	647	590	376
09/09/2021	17	600	530	352
09/09/2021	18	550	500	344
09/09/2021	19	550	500	344
09/09/2021	20	550	500	340
09/09/2021	21	550	500	340
09/09/2021	22	550	500	334
09/09/2021	23	550	500	322
09/09/2021	24	550	500	311
09/10/2021	1	470	460	287
09/10/2021	2	470	460	283
09/10/2021	3	470	460	277
09/10/2021	4	470	460	269
09/10/2021	5	470	460	268
09/10/2021	6	470	460	273
09/10/2021	7	470	460	289
09/10/2021	8	520	500	320
09/10/2021	9	580	550	354
09/10/2021	10	647	590	372
09/10/2021	11	647	590	390
09/10/2021	12	647	590	390
09/10/2021	13	647	590	396
09/10/2021	14	647	590	410
09/10/2021	15	647	590	403
09/10/2021	16	647	590	384
09/10/2021	17	600	530	366
09/10/2021	18	550	500	355
09/10/2021	19	550	500	346
09/10/2021	20	480	470	345
09/10/2021	21	480	460	344
09/10/2021	22	470	460	337
09/10/2021	23	470	460	333
09/10/2021	24	470	460	317
09/11/2021	1	450	430	308
09/11/2021	2	450	430	299
09/11/2021	3	450	430	289
09/11/2021	4	450	430	283
09/11/2021	5	450	430	280
09/11/2021	6	450	430	278
09/11/2021	7	450	430	279
09/11/2021	8	470	460	299
09/11/2021	9	480	470	323
09/11/2021	10	500	480	344
09/11/2021	11	500	480	360
09/11/2021	12	500	480	355
09/11/2021	13	500	480	359
09/11/2021	14	647	590	372
09/11/2021	15	647	590	369
09/11/2021	16	600	550	356
09/11/2021	17	550	500	343
09/11/2021	18	550	500	334

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/11/2021	19	620	590	348
09/11/2021	20	647	590	346
09/11/2021	21	647	590	348
09/11/2021	22	647	590	344
09/11/2021	23	550	500	331
09/11/2021	24	500	480	323
09/12/2021	1	580	530	307
09/12/2021	2	580	500	297
09/12/2021	3	550	500	287
09/12/2021	4	520	460	278
09/12/2021	5	520	420	272
09/12/2021	6	470	400	263
09/12/2021	7	450	400	257
09/12/2021	8	480	420	269
09/12/2021	9	520	440	284
09/12/2021	10	560	500	304
09/12/2021	11	580	500	314
09/12/2021	12	580	500	316
09/12/2021	13	600	500	322
09/12/2021	14	647	540	324
09/12/2021	15	601	540	320
09/12/2021	16	580	540	311
09/12/2021	17	580	540	308
09/12/2021	18	615	540	314
09/12/2021	19	647	590	325
09/12/2021	20	647	590	324
09/12/2021	21	647	590	328
09/12/2021	22	647	590	324
09/12/2021	23	620	540	312
09/12/2021	24	580	540	301
09/13/2021	1	450	430	289
09/13/2021	2	450	430	279
09/13/2021	3	450	430	272
09/13/2021	4	450	430	264
09/13/2021	5	450	430	263
09/13/2021	6	450	430	268
09/13/2021	7	450	430	284
09/13/2021	8	470	460	314
09/13/2021	9	550	520	339
09/13/2021	10	620	570	357
09/13/2021	11	647	590	374
09/13/2021	12	647	590	374
09/13/2021	13	647	590	379
09/13/2021	14	647	590	393
09/13/2021	15	647	590	385
09/13/2021	16	647	590	367
09/13/2021	17	600	530	349
09/13/2021	18	600	530	338
09/13/2021	19	550	480	336
09/13/2021	20	550	480	336
09/13/2021	21	550	480	335
09/13/2021	22	550	480	327
09/13/2021	23	480	470	317
09/13/2021	24	480	470	304
09/14/2021	1	647	590	314
09/14/2021	2	600	580	306
09/14/2021	3	580	550	293
09/14/2021	4	550	500	285
09/14/2021	5	550	500	288
09/14/2021	6	550	500	286
09/14/2021	7	580	550	301
09/14/2021	8	600	550	330
09/14/2021	9	647	590	356
09/14/2021	10	647	590	378
09/14/2021	11	647	590	390

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/14/2021	12	647	590	383
09/14/2021	13	647	590	388
09/14/2021	14	647	590	388
09/14/2021	15	647	590	387
09/14/2021	16	647	590	375
09/14/2021	17	580	500	349
09/14/2021	18	580	500	341
09/14/2021	19	550	480	347
09/14/2021	20	550	480	342
09/14/2021	21	550	480	339
09/14/2021	22	550	480	328
09/14/2021	23	480	470	318
09/14/2021	24	480	470	314
09/15/2021	1	630	590	318
09/15/2021	2	510	470	308
09/15/2021	3	470	460	299
09/15/2021	4	470	460	293
09/15/2021	5	470	460	294
09/15/2021	6	470	460	296
09/15/2021	7	550	500	304
09/15/2021	8	647	590	337
09/15/2021	9	647	590	367
09/15/2021	10	647	590	388
09/15/2021	11	647	590	400
09/15/2021	12	647	590	393
09/15/2021	13	647	590	395
09/15/2021	14	647	590	394
09/15/2021	15	647	590	389
09/15/2021	16	647	590	379
09/15/2021	17	647	590	358
09/15/2021	18	647	590	353
09/15/2021	19	647	590	357
09/15/2021	20	647	590	355
09/15/2021	21	647	590	354
09/15/2021	22	647	590	346
09/15/2021	23	647	590	333
09/15/2021	24	647	590	314
09/16/2021	1	470	460	299
09/16/2021	2	470	460	288
09/16/2021	3	470	460	280
09/16/2021	4	470	460	274
09/16/2021	5	470	460	274
09/16/2021	6	470	460	278
09/16/2021	7	470	460	289
09/16/2021	8	470	460	328
09/16/2021	9	550	530	358
09/16/2021	10	647	590	382
09/16/2021	11	647	590	397
09/16/2021	12	647	590	393
09/16/2021	13	647	590	397
09/16/2021	14	647	590	400
09/16/2021	15	647	590	398
09/16/2021	16	647	590	388
09/16/2021	17	647	590	366
09/16/2021	18	600	560	354
09/16/2021	19	600	590	355
09/16/2021	20	647	590	354
09/16/2021	21	647	590	353
09/16/2021	22	647	590	348
09/16/2021	23	580	550	338
09/16/2021	24	500	480	322
09/17/2021	1	470	460	321
09/17/2021	2	470	460	312
09/17/2021	3	470	460	303
09/17/2021	4	470	460	295

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/17/2021	5	470	460	293
09/17/2021	6	470	460	293
09/17/2021	7	470	460	302
09/17/2021	8	470	460	335
09/17/2021	9	550	530	366
09/17/2021	10	647	590	387
09/17/2021	11	647	590	399
09/17/2021	12	647	590	392
09/17/2021	13	647	590	394
09/17/2021	14	647	590	405
09/17/2021	15	647	590	399
09/17/2021	16	647	590	389
09/17/2021	17	600	570	368
09/17/2021	18	590	570	362
09/17/2021	19	550	500	360
09/17/2021	20	550	500	357
09/17/2021	21	550	500	356
09/17/2021	22	500	480	348
09/17/2021	23	500	480	335
09/17/2021	24	500	480	323
09/18/2021	1	470	460	310
09/18/2021	2	470	460	301
09/18/2021	3	470	460	291
09/18/2021	4	470	460	285
09/18/2021	5	470	460	282
09/18/2021	6	470	460	279
09/18/2021	7	470	460	281
09/18/2021	8	470	460	301
09/18/2021	9	470	460	325
09/18/2021	10	500	480	344
09/18/2021	11	550	500	361
09/18/2021	12	550	500	356
09/18/2021	13	580	520	359
09/18/2021	14	647	590	372
09/18/2021	15	647	590	369
09/18/2021	16	550	500	356
09/18/2021	17	500	480	342
09/18/2021	18	500	480	340
09/18/2021	19	590	530	353
09/18/2021	20	600	540	352
09/18/2021	21	647	590	355
09/18/2021	22	647	590	350
09/18/2021	23	550	500	337
09/18/2021	24	500	490	322
09/19/2021	1	600	590	317
09/19/2021	2	600	550	308
09/19/2021	3	600	550	301
09/19/2021	4	550	550	293
09/19/2021	5	550	520	286
09/19/2021	6	550	550	287
09/19/2021	7	550	550	287
09/19/2021	8	550	550	297
09/19/2021	9	600	590	320
09/19/2021	10	647	590	338
09/19/2021	11	647	590	345
09/19/2021	12	647	590	334
09/19/2021	13	647	590	327
09/19/2021	14	647	590	325
09/19/2021	15	601	590	322
09/19/2021	16	590	580	321
09/19/2021	17	647	590	324
09/19/2021	18	647	590	343
09/19/2021	19	647	590	354
09/19/2021	20	647	590	348
09/19/2021	21	647	590	343

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/19/2021	22	647	590	336
09/19/2021	23	647	590	326
09/19/2021	24	590	580	313
09/20/2021	1	470	460	295
09/20/2021	2	470	460	285
09/20/2021	3	470	460	281
09/20/2021	4	470	460	278
09/20/2021	5	470	460	281
09/20/2021	6	470	460	291
09/20/2021	7	550	500	306
09/20/2021	8	550	500	337
09/20/2021	9	647	590	370
09/20/2021	10	647	590	393
09/20/2021	11	647	590	408
09/20/2021	12	647	590	400
09/20/2021	13	647	590	402
09/20/2021	14	647	590	410
09/20/2021	15	647	590	410
09/20/2021	16	647	590	404
09/20/2021	17	550	500	384
09/20/2021	18	550	500	381
09/20/2021	19	550	500	382
09/20/2021	20	647	590	378
09/20/2021	21	647	590	375
09/20/2021	22	647	590	366
09/20/2021	23	647	590	353
09/20/2021	24	647	590	339
09/21/2021	1	590	500	312
09/21/2021	2	500	480	302
09/21/2021	3	470	460	293
09/21/2021	4	470	460	288
09/21/2021	5	470	460	288
09/21/2021	6	470	460	290
09/21/2021	7	530	490	298
09/21/2021	8	647	590	330
09/21/2021	9	647	590	360
09/21/2021	10	647	590	381
09/21/2021	11	647	590	392
09/21/2021	12	647	590	386
09/21/2021	13	647	590	387
09/21/2021	14	647	590	386
09/21/2021	15	647	590	381
09/21/2021	16	647	590	371
09/21/2021	17	580	520	351
09/21/2021	18	550	500	346
09/21/2021	19	647	590	350
09/21/2021	20	647	590	348
09/21/2021	21	647	590	347
09/21/2021	22	647	590	339
09/21/2021	23	647	590	326
09/21/2021	24	647	590	314
09/22/2021	1	470	460	320
09/22/2021	2	470	460	309
09/22/2021	3	470	460	297
09/22/2021	4	470	460	291
09/22/2021	5	470	460	289
09/22/2021	6	470	460	288
09/22/2021	7	530	490	302
09/22/2021	8	647	590	337
09/22/2021	9	647	590	367
09/22/2021	10	647	590	387
09/22/2021	11	647	590	409
09/22/2021	12	647	590	405
09/22/2021	13	647	590	408
09/22/2021	14	647	590	413

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/22/2021	15	647	590	402
09/22/2021	16	600	550	386
09/22/2021	17	580	520	366
09/22/2021	18	550	500	358
09/22/2021	19	580	520	359
09/22/2021	20	647	590	358
09/22/2021	21	647	590	360
09/22/2021	22	647	590	355
09/22/2021	23	647	590	351
09/22/2021	24	647	590	334
09/23/2021	1	470	460	323
09/23/2021	2	470	460	314
09/23/2021	3	470	460	301
09/23/2021	4	470	460	292
09/23/2021	5	470	460	295
09/23/2021	6	470	460	297
09/23/2021	7	530	490	307
09/23/2021	8	647	590	337
09/23/2021	9	647	590	365
09/23/2021	10	647	590	387
09/23/2021	11	647	590	403
09/23/2021	12	647	590	392
09/23/2021	13	647	590	397
09/23/2021	14	647	590	408
09/23/2021	15	647	590	409
09/23/2021	16	600	550	395
09/23/2021	17	580	520	367
09/23/2021	18	580	520	352
09/23/2021	19	580	520	358
09/23/2021	20	580	520	353
09/23/2021	21	580	520	350
09/23/2021	22	580	520	346
09/23/2021	23	580	520	335
09/23/2021	24	580	520	327
09/24/2021	1	470	460	318
09/24/2021	2	470	460	308
09/24/2021	3	470	460	296
09/24/2021	4	470	460	290
09/24/2021	5	470	460	288
09/24/2021	6	470	460	287
09/24/2021	7	470	460	300
09/24/2021	8	470	460	334
09/24/2021	9	560	520	364
09/24/2021	10	647	590	383
09/24/2021	11	647	590	401
09/24/2021	12	647	590	397
09/24/2021	13	647	590	405
09/24/2021	14	647	590	397
09/24/2021	15	647	590	386
09/24/2021	16	647	590	371
09/24/2021	17	560	520	352
09/24/2021	18	550	500	345
09/24/2021	19	560	520	352
09/24/2021	20	560	520	351
09/24/2021	21	560	520	353
09/24/2021	22	560	520	348
09/24/2021	23	560	520	337
09/24/2021	24	560	520	324
09/25/2021	1	470	460	320
09/25/2021	2	470	460	307
09/25/2021	3	470	460	298
09/25/2021	4	470	460	292
09/25/2021	5	470	460	289
09/25/2021	6	470	460	282
09/25/2021	7	470	460	286

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/25/2021	8	470	460	306
09/25/2021	9	470	460	332
09/25/2021	10	470	460	351
09/25/2021	11	550	520	360
09/25/2021	12	550	520	360
09/25/2021	13	550	520	363
09/25/2021	14	580	540	375
09/25/2021	15	550	520	370
09/25/2021	16	500	480	358
09/25/2021	17	500	480	344
09/25/2021	18	500	480	345
09/25/2021	19	590	540	359
09/25/2021	20	600	570	361
09/25/2021	21	620	580	362
09/25/2021	22	620	580	353
09/25/2021	23	560	520	340
09/25/2021	24	560	520	314
09/26/2021	1	600	500	317
09/26/2021	2	550	500	308
09/26/2021	3	500	500	301
09/26/2021	4	500	480	293
09/26/2021	5	500	480	286
09/26/2021	6	500	480	287
09/26/2021	7	500	480	287
09/26/2021	8	540	460	297
09/26/2021	9	600	480	320
09/26/2021	10	647	500	338
09/26/2021	11	647	500	345
09/26/2021	12	647	500	334
09/26/2021	13	647	500	327
09/26/2021	14	647	500	325
09/26/2021	15	600	500	322
09/26/2021	16	630	500	322
09/26/2021	17	647	500	324
09/26/2021	18	647	500	343
09/26/2021	19	647	500	354
09/26/2021	20	647	500	349
09/26/2021	21	647	500	344
09/26/2021	22	647	500	336
09/26/2021	23	647	500	326
09/26/2021	24	580	500	313
09/27/2021	1	470	460	297
09/27/2021	2	470	460	289
09/27/2021	3	470	460	280
09/27/2021	4	470	460	277
09/27/2021	5	470	460	279
09/27/2021	6	470	460	287
09/27/2021	7	550	500	304
09/27/2021	8	647	590	335
09/27/2021	9	647	590	373
09/27/2021	10	647	590	393
09/27/2021	11	647	590	410
09/27/2021	12	647	590	403
09/27/2021	13	647	590	401
09/27/2021	14	647	590	412
09/27/2021	15	647	590	409
09/27/2021	16	647	590	403
09/27/2021	17	647	590	387
09/27/2021	18	647	590	385
09/27/2021	19	647	590	384
09/27/2021	20	647	590	381
09/27/2021	21	647	590	378
09/27/2021	22	600	550	366
09/27/2021	23	550	500	354
09/27/2021	24	500	480	344

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/28/2021	1	470	460	301
09/28/2021	2	470	460	290
09/28/2021	3	470	460	282
09/28/2021	4	470	460	276
09/28/2021	5	470	460	275
09/28/2021	6	470	460	279
09/28/2021	7	520	490	290
09/28/2021	8	550	520	328
09/28/2021	9	647	590	358
09/28/2021	10	647	590	382
09/28/2021	11	647	590	397
09/28/2021	12	647	590	393
09/28/2021	13	647	590	397
09/28/2021	14	647	590	400
09/28/2021	15	647	590	398
09/28/2021	16	647	590	388
09/28/2021	17	600	550	366
09/28/2021	18	560	520	354
09/28/2021	19	560	520	355
09/28/2021	20	560	520	354
09/28/2021	21	560	520	353
09/28/2021	22	560	520	348
09/28/2021	23	500	480	338
09/28/2021	24	480	470	304
09/29/2021	1	580	550	338
09/29/2021	2	580	550	326
09/29/2021	3	550	500	314
09/29/2021	4	550	500	307
09/29/2021	5	550	500	305
09/29/2021	6	550	500	306
09/29/2021	7	550	500	312
09/29/2021	8	600	550	346
09/29/2021	9	647	590	378
09/29/2021	10	647	590	400
09/29/2021	11	647	590	415
09/29/2021	12	647	590	409
09/29/2021	13	647	590	414
09/29/2021	14	647	590	421
09/29/2021	15	647	590	412
09/29/2021	16	647	590	402
09/29/2021	17	647	590	381
09/29/2021	18	647	590	373
09/29/2021	19	647	590	377
09/29/2021	20	647	590	376
09/29/2021	21	647	590	374
09/29/2021	22	647	590	365
09/29/2021	23	590	550	352
09/29/2021	24	480	470	319
09/30/2021	1	480	470	314
09/30/2021	2	480	470	304
09/30/2021	3	480	470	294
09/30/2021	4	480	470	288
09/30/2021	5	480	470	285
09/30/2021	6	480	470	287
09/30/2021	7	580	510	297
09/30/2021	8	647	590	328
09/30/2021	9	647	590	357
09/30/2021	10	647	590	379
09/30/2021	11	647	590	392
09/30/2021	12	647	590	385
09/30/2021	13	647	590	387
09/30/2021	14	647	590	399
09/30/2021	15	647	590	392
09/30/2021	16	647	590	381
09/30/2021	17	550	500	358

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/30/2021	18	550	500	352
09/30/2021	19	570	520	353
09/30/2021	20	647	590	353
09/30/2021	21	647	590	360
09/30/2021	22	647	590	353
09/30/2021	23	590	550	341
09/30/2021	24	550	500	327
10/01/2021	1	480	470	318
10/01/2021	2	480	470	309
10/01/2021	3	480	470	300
10/01/2021	4	480	470	292
10/01/2021	5	480	470	290
10/01/2021	6	480	470	290
10/01/2021	7	480	470	298
10/01/2021	8	480	470	307
10/01/2021	9	520	490	332
10/01/2021	10	550	500	354
10/01/2021	11	647	590	365
10/01/2021	12	647	590	360
10/01/2021	13	647	590	358
10/01/2021	14	647	590	355
10/01/2021	15	647	590	350
10/01/2021	16	647	590	340
10/01/2021	17	550	500	329
10/01/2021	18	550	500	343
10/01/2021	19	570	520	342
10/01/2021	20	570	520	340
10/01/2021	21	570	520	338
10/01/2021	22	570	520	330
10/01/2021	23	647	590	317
10/01/2021	24	647	590	315
10/02/2021	1	647	590	312
10/02/2021	2	647	590	302
10/02/2021	3	600	540	293
10/02/2021	4	530	490	286
10/02/2021	5	480	470	283
10/02/2021	6	480	470	280
10/02/2021	7	480	470	283
10/02/2021	8	480	470	275
10/02/2021	9	480	470	291
10/02/2021	10	480	470	310
10/02/2021	11	520	490	320
10/02/2021	12	520	490	318
10/02/2021	13	520	490	318
10/02/2021	14	520	490	311
10/02/2021	15	500	480	306
10/02/2021	16	500	480	301
10/02/2021	17	500	480	299
10/02/2021	18	647	590	319
10/02/2021	19	647	590	323
10/02/2021	20	647	590	323
10/02/2021	21	647	590	321
10/02/2021	22	647	590	313
10/02/2021	23	647	590	299
10/02/2021	24	647	590	304
10/03/2021	1	647	590	318
10/03/2021	2	550	540	306
10/03/2021	3	500	500	300
10/03/2021	4	500	480	291
10/03/2021	5	500	480	280
10/03/2021	6	500	480	270
10/03/2021	7	500	480	267
10/03/2021	8	540	460	280
10/03/2021	9	600	480	295
10/03/2021	10	647	500	314

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/03/2021	11	647	500	326
10/03/2021	12	647	500	325
10/03/2021	13	647	590	330
10/03/2021	14	647	590	338
10/03/2021	15	647	590	336
10/03/2021	16	647	590	332
10/03/2021	17	600	550	324
10/03/2021	18	600	550	339
10/03/2021	19	647	590	352
10/03/2021	20	647	590	355
10/03/2021	21	647	590	357
10/03/2021	22	647	590	353
10/03/2021	23	647	590	342
10/03/2021	24	647	590	326
10/04/2021	1	647	590	320
10/04/2021	2	590	520	306
10/04/2021	3	480	470	299
10/04/2021	4	480	470	292
10/04/2021	5	480	470	291
10/04/2021	6	480	470	294
10/04/2021	7	480	470	304
10/04/2021	8	590	550	333
10/04/2021	9	647	590	364
10/04/2021	10	647	590	386
10/04/2021	11	647	590	400
10/04/2021	12	647	590	394
10/04/2021	13	647	590	396
10/04/2021	14	647	590	407
10/04/2021	15	647	590	403
10/04/2021	16	647	590	392
10/04/2021	17	647	590	373
10/04/2021	18	647	590	375
10/04/2021	19	647	590	378
10/04/2021	20	647	590	374
10/04/2021	21	647	590	372
10/04/2021	22	647	590	363
10/04/2021	23	647	590	350
10/04/2021	24	647	590	337
10/05/2021	1	647	590	328
10/05/2021	2	590	520	312
10/05/2021	3	480	470	304
10/05/2021	4	480	470	297
10/05/2021	5	480	470	296
10/05/2021	6	480	470	298
10/05/2021	7	480	470	309
10/05/2021	8	590	550	339
10/05/2021	9	647	590	375
10/05/2021	10	647	590	398
10/05/2021	11	647	590	413
10/05/2021	12	647	590	407
10/05/2021	13	647	590	409
10/05/2021	14	647	590	408
10/05/2021	15	647	590	403
10/05/2021	16	647	590	393
10/05/2021	17	647	590	373
10/05/2021	18	647	590	375
10/05/2021	19	647	590	379
10/05/2021	20	647	590	375
10/05/2021	21	647	590	373
10/05/2021	22	647	590	364
10/05/2021	23	647	590	351
10/05/2021	24	647	590	333
10/06/2021	1	647	590	330
10/06/2021	2	590	520	313
10/06/2021	3	480	470	306

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/06/2021	4	480	470	298
10/06/2021	5	480	470	297
10/06/2021	6	480	470	300
10/06/2021	7	480	470	310
10/06/2021	8	590	550	341
10/06/2021	9	647	590	375
10/06/2021	10	647	590	391
10/06/2021	11	647	590	397
10/06/2021	12	647	590	406
10/06/2021	13	647	590	411
10/06/2021	14	647	590	410
10/06/2021	15	647	590	405
10/06/2021	16	647	590	395
10/06/2021	17	647	590	375
10/06/2021	18	647	590	377
10/06/2021	19	647	590	381
10/06/2021	20	647	590	377
10/06/2021	21	647	590	367
10/06/2021	22	647	590	366
10/06/2021	23	647	590	353
10/06/2021	24	647	590	350
10/07/2021	1	647	590	299
10/07/2021	2	590	520	287
10/07/2021	3	480	470	279
10/07/2021	4	480	470	273
10/07/2021	5	480	470	273
10/07/2021	6	480	470	280
10/07/2021	7	590	550	293
10/07/2021	8	647	590	323
10/07/2021	9	647	590	352
10/07/2021	10	647	590	372
10/07/2021	11	647	590	390
10/07/2021	12	647	590	386
10/07/2021	13	647	590	383
10/07/2021	14	647	590	382
10/07/2021	15	647	590	378
10/07/2021	16	647	590	368
10/07/2021	17	647	590	353
10/07/2021	18	647	590	359
10/07/2021	19	647	590	354
10/07/2021	20	647	590	349
10/07/2021	21	647	590	344
10/07/2021	22	647	590	337
10/07/2021	23	647	590	326
10/07/2021	24	647	590	356
10/08/2021	1	647	590	352
10/08/2021	2	647	590	335
10/08/2021	3	647	590	325
10/08/2021	4	647	590	317
10/08/2021	5	647	590	313
10/08/2021	6	647	590	311
10/08/2021	7	647	590	320
10/08/2021	8	647	590	355
10/08/2021	9	647	590	391
10/08/2021	10	647	590	409
10/08/2021	11	647	590	423
10/08/2021	12	647	590	409
10/08/2021	13	647	590	402
10/08/2021	14	647	590	403
10/08/2021	15	647	590	398
10/08/2021	16	647	590	398
10/08/2021	17	647	590	382
10/08/2021	18	647	590	375
10/08/2021	19	647	590	376
10/08/2021	20	647	590	374

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/08/2021	21	647	590	374
10/08/2021	22	647	590	362
10/08/2021	23	647	590	360
10/08/2021	24	647	590	345
10/09/2021	1	647	590	335
10/09/2021	2	647	590	322
10/09/2021	3	647	590	310
10/09/2021	4	647	590	304
10/09/2021	5	600	550	299
10/09/2021	6	550	500	292
10/09/2021	7	550	500	293
10/09/2021	8	600	550	317
10/09/2021	9	647	590	338
10/09/2021	10	647	590	357
10/09/2021	11	647	590	372
10/09/2021	12	647	590	368
10/09/2021	13	647	590	373
10/09/2021	14	647	590	372
10/09/2021	15	647	590	368
10/09/2021	16	647	590	360
10/09/2021	17	647	590	347
10/09/2021	18	647	590	356
10/09/2021	19	647	590	362
10/09/2021	20	647	590	359
10/09/2021	21	647	590	360
10/09/2021	22	647	590	353
10/09/2021	23	647	590	344
10/09/2021	24	647	590	331
10/10/2021	1	647	590	304
10/10/2021	2	600	540	294
10/10/2021	3	550	500	285
10/10/2021	4	500	480	279
10/10/2021	5	500	480	270
10/10/2021	6	500	480	262
10/10/2021	7	500	480	260
10/10/2021	8	540	460	270
10/10/2021	9	600	480	284
10/10/2021	10	647	500	305
10/10/2021	11	647	500	315
10/10/2021	12	647	500	313
10/10/2021	13	647	590	314
10/10/2021	14	647	590	312
10/10/2021	15	647	590	306
10/10/2021	16	647	590	304
10/10/2021	17	647	550	305
10/10/2021	18	647	590	328
10/10/2021	19	647	590	331
10/10/2021	20	647	590	331
10/10/2021	21	647	590	327
10/10/2021	22	647	590	323
10/10/2021	23	647	590	312
10/10/2021	24	647	590	300
10/11/2021	1	530	500	296
10/11/2021	2	480	470	285
10/11/2021	3	480	470	276
10/11/2021	4	480	470	271
10/11/2021	5	480	470	269
10/11/2021	6	480	470	276
10/11/2021	7	500	480	289
10/11/2021	8	600	550	318
10/11/2021	9	647	590	343
10/11/2021	10	647	590	363
10/11/2021	11	647	590	380
10/11/2021	12	647	590	377
10/11/2021	13	647	590	373

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/11/2021	14	647	590	384
10/11/2021	15	647	590	380
10/11/2021	16	647	590	370
10/11/2021	17	647	590	355
10/11/2021	18	647	590	361
10/11/2021	19	647	590	356
10/11/2021	20	647	590	350
10/11/2021	21	647	590	345
10/11/2021	22	647	590	338
10/11/2021	23	647	590	327
10/11/2021	24	647	590	315
10/12/2021	1	480	470	301
10/12/2021	2	480	470	291
10/12/2021	3	480	470	283
10/12/2021	4	480	470	278
10/12/2021	5	480	470	279
10/12/2021	6	480	470	282
10/12/2021	7	480	470	291
10/12/2021	8	550	500	324
10/12/2021	9	647	590	354
10/12/2021	10	647	590	375
10/12/2021	11	647	590	389
10/12/2021	12	647	590	381
10/12/2021	13	647	590	381
10/12/2021	14	647	590	379
10/12/2021	15	647	590	382
10/12/2021	16	647	590	375
10/12/2021	17	647	590	360
10/12/2021	18	647	590	359
10/12/2021	19	647	590	352
10/12/2021	20	647	590	348
10/12/2021	21	647	590	344
10/12/2021	22	647	590	342
10/12/2021	23	647	590	328
10/12/2021	24	647	590	312
10/13/2021	1	550	500	300
10/13/2021	2	480	470	291
10/13/2021	3	480	470	282
10/13/2021	4	480	470	278
10/13/2021	5	480	470	278
10/13/2021	6	480	470	281
10/13/2021	7	480	470	291
10/13/2021	8	550	500	323
10/13/2021	9	647	590	354
10/13/2021	10	647	590	374
10/13/2021	11	647	590	389
10/13/2021	12	647	590	377
10/13/2021	13	647	590	377
10/13/2021	14	647	590	386
10/13/2021	15	647	590	382
10/13/2021	16	647	590	375
10/13/2021	17	647	590	360
10/13/2021	18	647	590	359
10/13/2021	19	647	590	352
10/13/2021	20	647	590	348
10/13/2021	21	647	590	344
10/13/2021	22	647	590	335
10/13/2021	23	647	590	328
10/13/2021	24	647	590	312
10/14/2021	1	647	590	313
10/14/2021	2	550	500	302
10/14/2021	3	480	470	295
10/14/2021	4	480	470	290
10/14/2021	5	480	470	287
10/14/2021	6	480	470	289

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/14/2021	7	480	470	299
10/14/2021	8	550	500	328
10/14/2021	9	647	590	358
10/14/2021	10	647	590	371
10/14/2021	11	647	590	382
10/14/2021	12	647	590	369
10/14/2021	13	647	590	365
10/14/2021	14	647	590	372
10/14/2021	15	647	590	365
10/14/2021	16	647	590	357
10/14/2021	17	647	590	347
10/14/2021	18	647	590	359
10/14/2021	19	647	590	341
10/14/2021	20	647	590	338
10/14/2021	21	647	590	334
10/14/2021	22	647	590	331
10/14/2021	23	647	590	320
10/14/2021	24	647	590	315
10/15/2021	1	480	470	302
10/15/2021	2	480	470	293
10/15/2021	3	480	470	284
10/15/2021	4	480	470	277
10/15/2021	5	480	470	285
10/15/2021	6	480	470	295
10/15/2021	7	480	470	304
10/15/2021	8	550	500	332
10/15/2021	9	647	590	364
10/15/2021	10	647	590	379
10/15/2021	11	647	590	398
10/15/2021	12	647	590	387
10/15/2021	13	647	590	383
10/15/2021	14	647	590	385
10/15/2021	15	647	590	385
10/15/2021	16	647	590	385
10/15/2021	17	647	590	361
10/15/2021	18	647	590	358
10/15/2021	19	647	590	353
10/15/2021	20	647	590	349
10/15/2021	21	647	590	345
10/15/2021	22	647	590	343
10/15/2021	23	647	590	332
10/15/2021	24	647	590	327
10/16/2021	1	480	470	314
10/16/2021	2	480	470	306
10/16/2021	3	480	470	297
10/16/2021	4	480	470	292
10/16/2021	5	480	470	290
10/16/2021	6	480	470	293
10/16/2021	7	480	470	292
10/16/2021	8	550	500	312
10/16/2021	9	647	590	333
10/16/2021	10	647	590	354
10/16/2021	11	647	590	372
10/16/2021	12	647	590	368
10/16/2021	13	647	590	369
10/16/2021	14	647	590	378
10/16/2021	15	647	590	373
10/16/2021	16	647	590	362
10/16/2021	17	647	590	348
10/16/2021	18	647	590	358
10/16/2021	19	647	590	359
10/16/2021	20	647	590	364
10/16/2021	21	647	590	361
10/16/2021	22	647	590	354
10/16/2021	23	647	590	347

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/16/2021	24	647	590	314
10/17/2021	1	600	550	308
10/17/2021	2	600	540	300
10/17/2021	3	550	500	291
10/17/2021	4	500	480	281
10/17/2021	5	500	480	274
10/17/2021	6	500	480	268
10/17/2021	7	480	460	265
10/17/2021	8	500	460	273
10/17/2021	9	540	480	290
10/17/2021	10	600	500	310
10/17/2021	11	600	500	317
10/17/2021	12	580	480	316
10/17/2021	13	600	500	320
10/17/2021	14	600	550	329
10/17/2021	15	600	550	328
10/17/2021	16	600	550	325
10/17/2021	17	600	550	318
10/17/2021	18	647	590	341
10/17/2021	19	600	550	340
10/17/2021	20	647	550	337
10/17/2021	21	600	550	336
10/17/2021	22	580	530	328
10/17/2021	23	600	530	319
10/17/2021	24	600	530	308
10/18/2021	1	480	470	311
10/18/2021	2	480	470	301
10/18/2021	3	480	470	291
10/18/2021	4	480	470	286
10/18/2021	5	480	470	287
10/18/2021	6	480	470	292
10/18/2021	7	480	470	308
10/18/2021	8	550	500	340
10/18/2021	9	647	590	375
10/18/2021	10	647	590	394
10/18/2021	11	647	590	405
10/18/2021	12	647	590	391
10/18/2021	13	647	590	386
10/18/2021	14	647	590	394
10/18/2021	15	647	590	390
10/18/2021	16	647	590	384
10/18/2021	17	647	590	375
10/18/2021	18	647	590	377
10/18/2021	19	647	590	368
10/18/2021	20	647	590	364
10/18/2021	21	647	590	360
10/18/2021	22	647	590	355
10/18/2021	23	647	590	342
10/18/2021	24	647	590	330
10/19/2021	1	480	470	313
10/19/2021	2	480	470	301
10/19/2021	3	480	470	294
10/19/2021	4	480	470	288
10/19/2021	5	480	470	285
10/19/2021	6	480	470	288
10/19/2021	7	480	470	298
10/19/2021	8	550	500	328
10/19/2021	9	647	590	358
10/19/2021	10	647	590	382
10/19/2021	11	647	590	398
10/19/2021	12	647	590	391
10/19/2021	13	647	590	394
10/19/2021	14	647	590	397
10/19/2021	15	647	590	387
10/19/2021	16	647	590	376

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/19/2021	17	647	590	365
10/19/2021	18	647	590	371
10/19/2021	19	647	590	363
10/19/2021	20	647	590	358
10/19/2021	21	647	590	350
10/19/2021	22	647	590	343
10/19/2021	23	647	590	333
10/19/2021	24	647	590	320
10/20/2021	1	600	590	312
10/20/2021	2	550	540	299
10/20/2021	3	550	550	291
10/20/2021	4	550	500	287
10/20/2021	5	550	500	287
10/20/2021	6	500	480	289
10/20/2021	7	500	480	301
10/20/2021	8	550	550	331
10/20/2021	9	647	590	366
10/20/2021	10	647	590	386
10/20/2021	11	647	590	402
10/20/2021	12	647	590	394
10/20/2021	13	647	590	398
10/20/2021	14	647	590	389
10/20/2021	15	647	590	379
10/20/2021	16	647	590	368
10/20/2021	17	647	590	358
10/20/2021	18	647	590	364
10/20/2021	19	647	590	355
10/20/2021	20	647	590	351
10/20/2021	21	647	590	343
10/20/2021	22	647	590	337
10/20/2021	23	647	590	326
10/20/2021	24	647	590	313
10/21/2021	1	647	460	324
10/21/2021	2	647	460	312
10/21/2021	3	647	460	303
10/21/2021	4	647	460	297
10/21/2021	5	647	460	298
10/21/2021	6	647	460	300
10/21/2021	7	647	460	296
10/21/2021	8	647	460	330
10/21/2021	9	647	460	364
10/21/2021	10	647	460	383
10/21/2021	11	647	460	411
10/21/2021	12	647	460	403
10/21/2021	13	647	460	402
10/21/2021	14	647	460	404
10/21/2021	15	647	460	408
10/21/2021	16	647	460	397
10/21/2021	17	647	460	377
10/21/2021	18	647	460	375
10/21/2021	19	647	460	370
10/21/2021	20	647	460	366
10/21/2021	21	647	460	364
10/21/2021	22	647	460	355
10/21/2021	23	647	460	351
10/21/2021	24	647	460	314
10/22/2021	1	647	460	302
10/22/2021	2	647	460	293
10/22/2021	3	647	460	285
10/22/2021	4	647	460	277
10/22/2021	5	647	460	277
10/22/2021	6	647	460	278
10/22/2021	7	490	460	285
10/22/2021	8	490	460	302
10/22/2021	9	500	490	324

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/22/2021	10	647	590	345
10/22/2021	11	647	590	357
10/22/2021	12	647	590	351
10/22/2021	13	647	590	351
10/22/2021	14	647	590	360
10/22/2021	15	647	590	354
10/22/2021	16	647	590	343
10/22/2021	17	647	590	333
10/22/2021	18	647	590	350
10/22/2021	19	647	590	347
10/22/2021	20	647	590	345
10/22/2021	21	647	590	344
10/22/2021	22	647	590	336
10/22/2021	23	647	590	326
10/22/2021	24	647	590	325
10/23/2021	1	480	470	301
10/23/2021	2	480	470	291
10/23/2021	3	480	470	282
10/23/2021	4	480	470	275
10/23/2021	5	480	470	277
10/23/2021	6	480	470	280
10/23/2021	7	480	470	280
10/23/2021	8	480	470	304
10/23/2021	9	550	500	327
10/23/2021	10	647	590	346
10/23/2021	11	647	590	362
10/23/2021	12	647	590	354
10/23/2021	13	647	590	354
10/23/2021	14	647	590	369
10/23/2021	15	647	590	362
10/23/2021	16	600	540	355
10/23/2021	17	600	540	345
10/23/2021	18	647	590	366
10/23/2021	19	647	590	359
10/23/2021	20	647	590	359
10/23/2021	21	647	590	358
10/23/2021	22	647	590	348
10/23/2021	23	647	590	337
10/23/2021	24	647	590	328
10/24/2021	1	600	590	312
10/24/2021	2	550	540	302
10/24/2021	3	500	500	293
10/24/2021	4	500	500	284
10/24/2021	5	500	480	277
10/24/2021	6	480	455	268
10/24/2021	7	480	455	268
10/24/2021	8	500	460	279
10/24/2021	9	540	480	296
10/24/2021	10	600	500	316
10/24/2021	11	600	500	327
10/24/2021	12	580	480	325
10/24/2021	13	600	500	326
10/24/2021	14	647	560	329
10/24/2021	15	600	550	326
10/24/2021	16	600	550	321
10/24/2021	17	600	550	318
10/24/2021	18	647	590	342
10/24/2021	19	647	590	346
10/24/2021	20	647	590	345
10/24/2021	21	647	590	343
10/24/2021	22	647	590	339
10/24/2021	23	647	590	329
10/24/2021	24	600	550	314
10/25/2021	1	480	470	311
10/25/2021	2	480	470	301

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/25/2021	3	480	470	292
10/25/2021	4	480	470	286
10/25/2021	5	480	470	288
10/25/2021	6	480	470	291
10/25/2021	7	480	470	306
10/25/2021	8	550	500	337
10/25/2021	9	647	590	373
10/25/2021	10	647	590	390
10/25/2021	11	647	590	401
10/25/2021	12	647	590	393
10/25/2021	13	647	590	391
10/25/2021	14	647	590	400
10/25/2021	15	647	590	397
10/25/2021	16	647	590	388
10/25/2021	17	647	590	376
10/25/2021	18	647	590	384
10/25/2021	19	647	590	379
10/25/2021	20	647	590	373
10/25/2021	21	647	590	370
10/25/2021	22	647	590	367
10/25/2021	23	647	590	359
10/25/2021	24	647	590	353
10/26/2021	1	590	460	329
10/26/2021	2	590	460	317
10/26/2021	3	590	460	308
10/26/2021	4	590	460	301
10/26/2021	5	590	460	302
10/26/2021	6	590	460	292
10/26/2021	7	590	460	297
10/26/2021	8	590	460	334
10/26/2021	9	590	460	365
10/26/2021	10	590	460	389
10/26/2021	11	590	460	403
10/26/2021	12	590	460	394
10/26/2021	13	590	460	376
10/26/2021	14	590	460	412
10/26/2021	15	590	460	408
10/26/2021	16	590	460	398
10/26/2021	17	590	460	380
10/26/2021	18	590	460	386
10/26/2021	19	590	460	381
10/26/2021	20	590	460	373
10/26/2021	21	590	460	372
10/26/2021	22	590	460	362
10/26/2021	23	590	460	351
10/26/2021	24	590	460	339
10/27/2021	1	590	460	312
10/27/2021	2	480	460	303
10/27/2021	3	470	460	294
10/27/2021	4	470	460	289
10/27/2021	5	470	460	284
10/27/2021	6	470	460	285
10/27/2021	7	470	460	295
10/27/2021	8	520	460	328
10/27/2021	9	590	460	359
10/27/2021	10	590	460	378
10/27/2021	11	590	460	392
10/27/2021	12	590	460	385
10/27/2021	13	590	460	383
10/27/2021	14	590	460	390
10/27/2021	15	590	460	383
10/27/2021	16	560	460	370
10/27/2021	17	480	460	355
10/27/2021	18	590	460	365
10/27/2021	19	590	460	357

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/27/2021	20	590	460	354
10/27/2021	21	590	460	351
10/27/2021	22	590	460	341
10/27/2021	23	590	460	331
10/27/2021	24	590	460	332
10/28/2021	1	490	460	301
10/28/2021	2	470	460	292
10/28/2021	3	470	460	284
10/28/2021	4	470	460	279
10/28/2021	5	470	460	279
10/28/2021	6	470	460	281
10/28/2021	7	470	460	292
10/28/2021	8	520	460	320
10/28/2021	9	590	460	346
10/28/2021	10	590	460	365
10/28/2021	11	590	460	389
10/28/2021	12	590	460	382
10/28/2021	13	590	460	384
10/28/2021	14	590	460	395
10/28/2021	15	590	460	389
10/28/2021	16	590	460	379
10/28/2021	17	590	460	360
10/28/2021	18	590	460	367
10/28/2021	19	590	460	361
10/28/2021	20	590	460	358
10/28/2021	21	590	460	356
10/28/2021	22	590	460	348
10/28/2021	23	590	460	337
10/28/2021	24	590	460	334
10/29/2021	1	490	460	323
10/29/2021	2	470	460	311
10/29/2021	3	470	460	304
10/29/2021	4	470	455	297
10/29/2021	5	470	455	297
10/29/2021	6	470	455	300
10/29/2021	7	470	455	310
10/29/2021	8	520	460	341
10/29/2021	9	590	460	374
10/29/2021	10	590	460	395
10/29/2021	11	590	460	406
10/29/2021	12	590	460	397
10/29/2021	13	590	460	397
10/29/2021	14	590	460	407
10/29/2021	15	590	460	394
10/29/2021	16	590	460	386
10/29/2021	17	590	460	374
10/29/2021	18	590	460	384
10/29/2021	19	590	460	375
10/29/2021	20	590	460	361
10/29/2021	21	590	460	366
10/29/2021	22	590	460	351
10/29/2021	23	590	460	339
10/29/2021	24	590	460	324
10/30/2021	1	470	460	319
10/30/2021	2	470	460	307
10/30/2021	3	470	460	300
10/30/2021	4	470	460	292
10/30/2021	5	470	460	289
10/30/2021	6	470	460	284
10/30/2021	7	470	460	289
10/30/2021	8	470	460	312
10/30/2021	9	470	460	336
10/30/2021	10	590	460	355
10/30/2021	11	590	460	365
10/30/2021	12	590	460	355

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/30/2021	13	590	460	351
10/30/2021	14	590	460	363
10/30/2021	15	590	460	356
10/30/2021	16	590	460	349
10/30/2021	17	590	460	339
10/30/2021	18	590	460	359
10/30/2021	19	590	460	353
10/30/2021	20	590	460	350
10/30/2021	21	590	460	346
10/30/2021	22	590	460	334
10/30/2021	23	590	460	326
10/30/2021	24	590	460	307
10/31/2021	1	590	460	326
10/31/2021	2	540	460	314
10/31/2021	3	500	455	305
10/31/2021	4	500	455	299
10/31/2021	5	480	455	291
10/31/2021	6	455	450	286
10/31/2021	7	455	430	278
10/31/2021	8	460	455	275
10/31/2021	9	480	455	283
10/31/2021	10	550	455	297
10/31/2021	11	550	455	315
10/31/2021	12	550	460	322
10/31/2021	13	550	460	313
10/31/2021	14	550	460	308
10/31/2021	15	550	460	309
10/31/2021	16	550	460	305
10/31/2021	17	550	460	304
10/31/2021	18	590	460	307
10/31/2021	19	590	460	340
10/31/2021	20	590	460	337
10/31/2021	21	590	460	333
10/31/2021	22	590	460	328
10/31/2021	23	590	460	322
10/31/2021	24	550	460	313
11/01/2021	1	470	460	307
11/01/2021	2	470	460	299
11/01/2021	3	470	460	291
11/01/2021	4	470	460	282
11/01/2021	5	470	460	277
11/01/2021	6	470	460	268
11/01/2021	7	470	460	263
11/01/2021	8	470	460	267
11/01/2021	9	470	460	279
11/01/2021	10	470	460	291
11/01/2021	11	470	460	303
11/01/2021	12	470	460	304
11/01/2021	13	470	460	305
11/01/2021	14	470	460	303
11/01/2021	15	470	460	298
11/01/2021	16	470	460	294
11/01/2021	17	470	460	292
11/01/2021	18	470	460	315
11/01/2021	19	470	460	319
11/01/2021	20	470	460	322
11/01/2021	21	470	460	321
11/01/2021	22	470	460	314
11/01/2021	23	470	460	301
11/01/2021	24	470	460	289
11/02/2021	1	470	460	302
11/02/2021	2	470	460	296
11/02/2021	3	470	460	287
11/02/2021	4	470	460	284
11/02/2021	5	470	460	286

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/02/2021	6	470	460	296
11/02/2021	7	470	460	310
11/02/2021	8	520	460	345
11/02/2021	9	590	460	380
11/02/2021	10	590	460	390
11/02/2021	11	590	460	398
11/02/2021	12	590	460	390
11/02/2021	13	590	460	382
11/02/2021	14	590	460	393
11/02/2021	15	590	460	391
11/02/2021	16	590	460	387
11/02/2021	17	590	460	377
11/02/2021	18	590	460	391
11/02/2021	19	590	460	381
11/02/2021	20	590	460	373
11/02/2021	21	590	460	369
11/02/2021	22	590	460	354
11/02/2021	23	590	460	343
11/02/2021	24	590	460	330
11/03/2021	1	470	460	298
11/03/2021	2	470	460	290
11/03/2021	3	470	460	281
11/03/2021	4	470	460	274
11/03/2021	5	470	460	277
11/03/2021	6	470	460	282
11/03/2021	7	470	460	290
11/03/2021	8	490	460	323
11/03/2021	9	550	460	356
11/03/2021	10	590	460	378
11/03/2021	11	590	460	387
11/03/2021	12	590	460	381
11/03/2021	13	590	460	383
11/03/2021	14	590	460	396
11/03/2021	15	590	460	393
11/03/2021	16	590	460	384
11/03/2021	17	590	460	363
11/03/2021	18	590	460	364
11/03/2021	19	590	460	358
11/03/2021	20	590	460	357
11/03/2021	21	590	460	357
11/03/2021	22	590	460	345
11/03/2021	23	590	460	336
11/03/2021	24	590	460	318
11/04/2021	1	470	460	304
11/04/2021	2	470	460	294
11/04/2021	3	470	460	284
11/04/2021	4	470	460	279
11/04/2021	5	470	460	282
11/04/2021	6	470	460	288
11/04/2021	7	470	460	295
11/04/2021	8	550	460	321
11/04/2021	9	590	460	352
11/04/2021	10	590	460	373
11/04/2021	11	590	460	387
11/04/2021	12	590	460	381
11/04/2021	13	590	460	380
11/04/2021	14	590	460	391
11/04/2021	15	590	460	386
11/04/2021	16	590	460	381
11/04/2021	17	590	460	366
11/04/2021	18	590	460	379
11/04/2021	19	590	460	371
11/04/2021	20	590	460	367
11/04/2021	21	590	460	362
11/04/2021	22	590	460	350

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/04/2021	23	590	460	334
11/04/2021	24	590	460	337
11/05/2021	1	470	460	324
11/05/2021	2	470	460	315
11/05/2021	3	470	460	304
11/05/2021	4	470	460	301
11/05/2021	5	470	460	304
11/05/2021	6	470	460	309
11/05/2021	7	470	460	318
11/05/2021	8	550	460	326
11/05/2021	9	590	460	354
11/05/2021	10	590	460	379
11/05/2021	11	590	460	391
11/05/2021	12	590	460	384
11/05/2021	13	590	460	384
11/05/2021	14	590	460	392
11/05/2021	15	590	460	387
11/05/2021	16	590	460	378
11/05/2021	17	590	460	367
11/05/2021	18	590	460	391
11/05/2021	19	590	460	386
11/05/2021	20	590	460	383
11/05/2021	21	590	460	380
11/05/2021	22	590	460	368
11/05/2021	23	590	460	353
11/05/2021	24	590	460	303
11/06/2021	1	470	460	315
11/06/2021	2	470	460	303
11/06/2021	3	470	460	293
11/06/2021	4	470	460	285
11/06/2021	5	470	460	280
11/06/2021	6	470	460	278
11/06/2021	7	470	460	279
11/06/2021	8	470	460	298
11/06/2021	9	470	460	322
11/06/2021	10	550	460	341
11/06/2021	11	590	460	353
11/06/2021	12	590	460	347
11/06/2021	13	590	460	351
11/06/2021	14	590	460	361
11/06/2021	15	590	460	357
11/06/2021	16	590	460	350
11/06/2021	17	590	460	339
11/06/2021	18	590	460	360
11/06/2021	19	590	460	354
11/06/2021	20	590	460	352
11/06/2021	21	590	460	345
11/06/2021	22	590	460	340
11/06/2021	23	590	460	329
11/06/2021	24	590	460	296
11/07/2021	1	540	455	318
11/07/2021	2	500	455	307
11/07/2021	3	500	455	296
11/07/2021	4	480	455	285
11/07/2021	5	455	450	278
11/07/2021	6	455	450	272
11/07/2021	7	455	430	271
11/07/2021	8	460	455	280
11/07/2021	9	480	455	292
11/07/2021	10	550	460	312
11/07/2021	11	550	460	321
11/07/2021	12	550	460	319
11/07/2021	13	550	460	322
11/07/2021	14	550	460	327
11/07/2021	15	550	460	325

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/07/2021	16	550	460	318
11/07/2021	17	550	460	313
11/07/2021	18	590	460	342
11/07/2021	19	590	460	342
11/07/2021	20	590	460	339
11/07/2021	21	590	460	335
11/07/2021	22	590	460	328
11/07/2021	23	590	460	321
11/07/2021	24	550	460	306
11/08/2021	1	470	460	292
11/08/2021	2	470	460	283
11/08/2021	3	470	460	274
11/08/2021	4	470	460	266
11/08/2021	5	470	460	267
11/08/2021	6	470	460	271
11/08/2021	7	550	460	286
11/08/2021	8	590	460	319
11/08/2021	9	590	460	350
11/08/2021	10	590	460	368
11/08/2021	11	590	460	385
11/08/2021	12	590	460	383
11/08/2021	13	590	460	385
11/08/2021	14	590	460	399
11/08/2021	15	590	460	394
11/08/2021	16	590	460	386
11/08/2021	17	590	460	367
11/08/2021	18	590	460	379
11/08/2021	19	590	460	368
11/08/2021	20	590	460	365
11/08/2021	21	590	460	359
11/08/2021	22	590	460	351
11/08/2021	23	590	460	340
11/08/2021	24	590	460	327
11/09/2021	1	470	460	287
11/09/2021	2	470	460	277
11/09/2021	3	470	460	267
11/09/2021	4	470	460	263
11/09/2021	5	470	460	265
11/09/2021	6	470	460	269
11/09/2021	7	470	460	277
11/09/2021	8	550	460	309
11/09/2021	9	590	460	337
11/09/2021	10	590	460	357
11/09/2021	11	590	460	371
11/09/2021	12	590	460	363
11/09/2021	13	590	460	364
11/09/2021	14	590	460	374
11/09/2021	15	590	460	370
11/09/2021	16	590	460	364
11/09/2021	17	590	460	350
11/09/2021	18	590	460	362
11/09/2021	19	590	460	352
11/09/2021	20	590	460	348
11/09/2021	21	590	460	342
11/09/2021	22	590	460	331
11/09/2021	23	590	460	317
11/09/2021	24	590	460	300
11/10/2021	1	470	460	327
11/10/2021	2	470	460	318
11/10/2021	3	470	460	308
11/10/2021	4	470	460	303
11/10/2021	5	470	460	299
11/10/2021	6	470	460	299
11/10/2021	7	550	460	309
11/10/2021	8	590	460	338

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/10/2021	9	590	460	372
11/10/2021	10	590	460	395
11/10/2021	11	590	460	411
11/10/2021	12	590	460	407
11/10/2021	13	590	460	407
11/10/2021	14	590	460	416
11/10/2021	15	590	460	407
11/10/2021	16	590	460	397
11/10/2021	17	590	460	387
11/10/2021	18	590	460	390
11/10/2021	19	590	460	379
11/10/2021	20	590	460	376
11/10/2021	21	590	460	374
11/10/2021	22	590	460	361
11/10/2021	23	590	460	357
11/10/2021	24	590	460	300
11/11/2021	1	470	460	330
11/11/2021	2	470	460	319
11/11/2021	3	470	460	310
11/11/2021	4	470	460	303
11/11/2021	5	470	460	302
11/11/2021	6	470	460	305
11/11/2021	7	550	460	315
11/11/2021	8	590	460	345
11/11/2021	9	590	460	374
11/11/2021	10	590	460	394
11/11/2021	11	590	460	407
11/11/2021	12	590	460	400
11/11/2021	13	590	460	402
11/11/2021	14	590	460	416
11/11/2021	15	590	460	410
11/11/2021	16	590	460	402
11/11/2021	17	590	460	383
11/11/2021	18	590	460	385
11/11/2021	19	590	460	376
11/11/2021	20	590	460	379
11/11/2021	21	590	460	376
11/11/2021	22	590	460	364
11/11/2021	23	590	460	354
11/11/2021	24	590	460	299
11/12/2021	1	470	460	325
11/12/2021	2	470	460	319
11/12/2021	3	470	460	305
11/12/2021	4	470	460	301
11/12/2021	5	470	460	298
11/12/2021	6	470	460	304
11/12/2021	7	550	460	308
11/12/2021	8	590	460	340
11/12/2021	9	590	460	372
11/12/2021	10	590	460	386
11/12/2021	11	590	460	406
11/12/2021	12	590	460	400
11/12/2021	13	590	460	405
11/12/2021	14	590	460	418
11/12/2021	15	590	460	413
11/12/2021	16	590	460	403
11/12/2021	17	590	460	384
11/12/2021	18	590	460	394
11/12/2021	19	590	460	387
11/12/2021	20	590	460	385
11/12/2021	21	590	460	383
11/12/2021	22	590	460	372
11/12/2021	23	590	460	362
11/12/2021	24	590	460	309
11/13/2021	1	470	460	332

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/13/2021	2	470	460	323
11/13/2021	3	470	460	312
11/13/2021	4	470	460	305
11/13/2021	5	470	460	301
11/13/2021	6	470	460	297
11/13/2021	7	470	460	298
11/13/2021	8	470	460	318
11/13/2021	9	550	460	342
11/13/2021	10	590	460	361
11/13/2021	11	590	460	377
11/13/2021	12	590	460	376
11/13/2021	13	590	460	380
11/13/2021	14	590	460	392
11/13/2021	15	590	460	389
11/13/2021	16	590	460	380
11/13/2021	17	590	460	362
11/13/2021	18	590	460	379
11/13/2021	19	590	460	379
11/13/2021	20	590	460	380
11/13/2021	21	590	460	381
11/13/2021	22	590	460	372
11/13/2021	23	590	460	361
11/13/2021	24	590	460	349
11/14/2021	1	540	460	337
11/14/2021	2	500	460	327
11/14/2021	3	500	460	314
11/14/2021	4	480	455	303
11/14/2021	5	455	450	298
11/14/2021	6	455	450	290
11/14/2021	7	455	430	282
11/14/2021	8	455	430	291
11/14/2021	9	480	455	308
11/14/2021	10	550	455	326
11/14/2021	11	550	460	337
11/14/2021	12	550	460	338
11/14/2021	13	550	460	342
11/14/2021	14	550	460	348
11/14/2021	15	550	460	336
11/14/2021	16	550	460	329
11/14/2021	17	550	460	325
11/14/2021	18	590	460	353
11/14/2021	19	590	460	356
11/14/2021	20	590	460	357
11/14/2021	21	590	460	357
11/14/2021	22	590	460	351
11/14/2021	23	590	460	341
11/14/2021	24	550	460	331
11/15/2021	1	470	460	311
11/15/2021	2	470	460	301
11/15/2021	3	470	460	289
11/15/2021	4	470	460	285
11/15/2021	5	470	460	285
11/15/2021	6	470	460	292
11/15/2021	7	550	460	305
11/15/2021	8	590	460	336
11/15/2021	9	590	460	364
11/15/2021	10	590	460	387
11/15/2021	11	590	460	403
11/15/2021	12	590	460	399
11/15/2021	13	590	460	399
11/15/2021	14	590	460	414
11/15/2021	15	590	460	411
11/15/2021	16	590	460	401
11/15/2021	17	590	460	384
11/15/2021	18	590	460	394

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/15/2021	19	590	460	384
11/15/2021	20	590	460	380
11/15/2021	21	590	460	378
11/15/2021	22	590	460	364
11/15/2021	23	590	460	352
11/15/2021	24	590	460	339
11/16/2021	1	470	460	319
11/16/2021	2	470	460	307
11/16/2021	3	470	460	297
11/16/2021	4	470	460	291
11/16/2021	5	470	460	293
11/16/2021	6	470	460	298
11/16/2021	7	550	460	307
11/16/2021	8	590	460	342
11/16/2021	9	590	460	374
11/16/2021	10	590	460	396
11/16/2021	11	590	460	411
11/16/2021	12	590	460	403
11/16/2021	13	590	460	404
11/16/2021	14	590	460	416
11/16/2021	15	590	460	411
11/16/2021	16	590	460	404
11/16/2021	17	590	460	388
11/16/2021	18	590	460	394
11/16/2021	19	590	460	386
11/16/2021	20	590	460	385
11/16/2021	21	590	460	380
11/16/2021	22	590	460	367
11/16/2021	23	590	460	352
11/16/2021	24	590	460	340
11/17/2021	1	470	460	325
11/17/2021	2	470	460	314
11/17/2021	3	470	460	305
11/17/2021	4	470	460	298
11/17/2021	5	470	460	296
11/17/2021	6	470	460	300
11/17/2021	7	550	460	307
11/17/2021	8	590	460	343
11/17/2021	9	590	460	374
11/17/2021	10	590	460	393
11/17/2021	11	590	460	408
11/17/2021	12	590	460	400
11/17/2021	13	590	460	402
11/17/2021	14	590	460	414
11/17/2021	15	590	460	409
11/17/2021	16	590	460	399
11/17/2021	17	590	460	381
11/17/2021	18	590	460	393
11/17/2021	19	590	460	382
11/17/2021	20	590	460	377
11/17/2021	21	590	460	377
11/17/2021	22	590	460	362
11/17/2021	23	590	460	351
11/17/2021	24	590	460	339
11/18/2021	1	470	460	326
11/18/2021	2	470	460	315
11/18/2021	3	470	460	302
11/18/2021	4	470	460	298
11/18/2021	5	470	460	298
11/18/2021	6	470	460	299
11/18/2021	7	550	460	309
11/18/2021	8	590	460	341
11/18/2021	9	590	460	372
11/18/2021	10	590	460	393
11/18/2021	11	590	460	407

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/18/2021	12	590	460	401
11/18/2021	13	590	460	403
11/18/2021	14	590	460	417
11/18/2021	15	590	460	417
11/18/2021	16	590	460	408
11/18/2021	17	590	460	385
11/18/2021	18	590	460	396
11/18/2021	19	590	460	383
11/18/2021	20	590	460	381
11/18/2021	21	590	460	378
11/18/2021	22	590	460	368
11/18/2021	23	590	460	353
11/18/2021	24	590	460	343
11/19/2021	1	470	460	327
11/19/2021	2	470	460	317
11/19/2021	3	470	460	307
11/19/2021	4	470	460	302
11/19/2021	5	470	460	301
11/19/2021	6	470	460	301
11/19/2021	7	550	460	307
11/19/2021	8	590	460	338
11/19/2021	9	590	460	370
11/19/2021	10	590	460	390
11/19/2021	11	590	460	404
11/19/2021	12	590	460	398
11/19/2021	13	590	460	396
11/19/2021	14	590	460	407
11/19/2021	15	590	460	403
11/19/2021	16	590	460	396
11/19/2021	17	590	460	379
11/19/2021	18	590	460	388
11/19/2021	19	590	460	380
11/19/2021	20	590	460	377
11/19/2021	21	590	460	374
11/19/2021	22	590	460	364
11/19/2021	23	590	460	355
11/19/2021	24	590	460	344
11/20/2021	1	470	460	327
11/20/2021	2	470	460	319
11/20/2021	3	470	460	310
11/20/2021	4	470	460	301
11/20/2021	5	470	460	299
11/20/2021	6	470	460	292
11/20/2021	7	470	460	292
11/20/2021	8	470	460	311
11/20/2021	9	470	460	336
11/20/2021	10	550	460	357
11/20/2021	11	590	460	369
11/20/2021	12	590	460	364
11/20/2021	13	590	460	366
11/20/2021	14	590	460	372
11/20/2021	15	590	460	369
11/20/2021	16	590	460	360
11/20/2021	17	590	460	351
11/20/2021	18	590	460	369
11/20/2021	19	590	460	362
11/20/2021	20	590	460	360
11/20/2021	21	590	460	358
11/20/2021	22	590	460	349
11/20/2021	23	590	460	340
11/20/2021	24	590	460	332
11/21/2021	1	500	460	323
11/21/2021	2	500	460	311
11/21/2021	3	500	460	301
11/21/2021	4	480	455	293

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/21/2021	5	455	450	290
11/21/2021	6	455	430	281
11/21/2021	7	455	430	275
11/21/2021	8	455	430	286
11/21/2021	9	480	455	299
11/21/2021	10	550	455	321
11/21/2021	11	550	460	332
11/21/2021	12	550	460	328
11/21/2021	13	550	460	331
11/21/2021	14	550	460	337
11/21/2021	15	550	460	333
11/21/2021	16	550	460	331
11/21/2021	17	550	460	324
11/21/2021	18	590	460	353
11/21/2021	19	590	460	354
11/21/2021	20	590	460	356
11/21/2021	21	590	460	355
11/21/2021	22	590	460	347
11/21/2021	23	590	460	335
11/21/2021	24	550	460	325
11/22/2021	1	470	460	312
11/22/2021	2	470	460	302
11/22/2021	3	470	460	290
11/22/2021	4	470	460	285
11/22/2021	5	470	460	285
11/22/2021	6	470	460	290
11/22/2021	7	470	460	304
11/22/2021	8	550	460	340
11/22/2021	9	590	460	377
11/22/2021	10	590	460	396
11/22/2021	11	590	460	410
11/22/2021	12	590	460	405
11/22/2021	13	590	460	405
11/22/2021	14	590	460	415
11/22/2021	15	590	460	411
11/22/2021	16	590	460	402
11/22/2021	17	590	460	384
11/22/2021	18	590	460	397
11/22/2021	19	590	460	383
11/22/2021	20	590	460	380
11/22/2021	21	590	460	376
11/22/2021	22	590	460	363
11/22/2021	23	590	460	352
11/22/2021	24	590	460	339
11/23/2021	1	460	455	322
11/23/2021	2	460	455	311
11/23/2021	3	460	455	303
11/23/2021	4	460	455	300
11/23/2021	5	460	455	301
11/23/2021	6	460	455	303
11/23/2021	7	460	455	312
11/23/2021	8	460	455	340
11/23/2021	9	460	455	369
11/23/2021	10	460	455	389
11/23/2021	11	460	455	414
11/23/2021	12	460	455	408
11/23/2021	13	460	455	409
11/23/2021	14	460	455	414
11/23/2021	15	460	455	411
11/23/2021	16	460	455	404
11/23/2021	17	460	455	383
11/23/2021	18	460	455	394
11/23/2021	19	460	455	384
11/23/2021	20	460	455	380
11/23/2021	21	460	455	376

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/23/2021	22	460	455	368
11/23/2021	23	460	455	355
11/23/2021	24	460	455	341
11/24/2021	1	460	455	326
11/24/2021	2	460	455	316
11/24/2021	3	460	455	307
11/24/2021	4	460	455	298
11/24/2021	5	460	455	298
11/24/2021	6	460	455	299
11/24/2021	7	460	455	309
11/24/2021	8	460	455	342
11/24/2021	9	460	455	376
11/24/2021	10	460	455	396
11/24/2021	11	460	455	413
11/24/2021	12	460	455	407
11/24/2021	13	460	455	410
11/24/2021	14	460	455	418
11/24/2021	15	460	455	413
11/24/2021	16	460	455	403
11/24/2021	17	460	455	385
11/24/2021	18	460	455	395
11/24/2021	19	460	455	386
11/24/2021	20	460	455	385
11/24/2021	21	460	455	379
11/24/2021	22	460	455	360
11/24/2021	23	460	455	358
11/24/2021	24	460	455	337
11/25/2021	1	460	455	325
11/25/2021	2	460	455	315
11/25/2021	3	460	455	302
11/25/2021	4	460	455	298
11/25/2021	5	460	455	297
11/25/2021	6	460	455	299
11/25/2021	7	460	455	308
11/25/2021	8	460	455	340
11/25/2021	9	460	455	370
11/25/2021	10	460	455	392
11/25/2021	11	460	455	406
11/25/2021	12	460	455	400
11/25/2021	13	460	455	402
11/25/2021	14	460	455	416
11/25/2021	15	460	455	416
11/25/2021	16	460	455	407
11/25/2021	17	460	455	384
11/25/2021	18	460	455	395
11/25/2021	19	460	455	382
11/25/2021	20	460	455	381
11/25/2021	21	460	455	377
11/25/2021	22	460	455	367
11/25/2021	23	460	455	352
11/25/2021	24	460	455	339
11/26/2021	1	460	455	326
11/26/2021	2	460	455	313
11/26/2021	3	460	455	302
11/26/2021	4	460	455	294
11/26/2021	5	460	455	294
11/26/2021	6	460	455	295
11/26/2021	7	460	455	304
11/26/2021	8	460	455	335
11/26/2021	9	460	455	369
11/26/2021	10	460	455	391
11/26/2021	11	460	455	406
11/26/2021	12	460	455	405
11/26/2021	13	460	455	400
11/26/2021	14	460	455	410

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/26/2021	15	460	455	407
11/26/2021	16	460	455	398
11/26/2021	17	460	455	380
11/26/2021	18	460	455	391
11/26/2021	19	455	420	384
11/26/2021	20	455	420	383
11/26/2021	21	455	420	378
11/26/2021	22	455	420	364
11/26/2021	23	455	420	356
11/26/2021	24	455	420	344
11/27/2021	1	455	420	328
11/27/2021	2	455	420	321
11/27/2021	3	455	420	313
11/27/2021	4	455	420	304
11/27/2021	5	455	420	302
11/27/2021	6	455	420	296
11/27/2021	7	455	420	296
11/27/2021	8	455	420	315
11/27/2021	9	455	420	339
11/27/2021	10	455	420	361
11/27/2021	11	455	420	372
11/27/2021	12	455	420	368
11/27/2021	13	455	420	369
11/27/2021	14	455	420	375
11/27/2021	15	455	420	373
11/27/2021	16	455	420	363
11/27/2021	17	455	420	354
11/27/2021	18	455	420	372
11/27/2021	19	455	420	366
11/27/2021	20	455	420	363
11/27/2021	21	455	420	361
11/27/2021	22	455	420	352
11/27/2021	23	455	420	343
11/27/2021	24	455	420	323
11/28/2021	1	480	455	308
11/28/2021	2	480	455	297
11/28/2021	3	480	455	288
11/28/2021	4	480	455	282
11/28/2021	5	455	450	276
11/28/2021	6	455	430	271
11/28/2021	7	455	430	269
11/28/2021	8	455	430	277
11/28/2021	9	455	450	290
11/28/2021	10	480	455	309
11/28/2021	11	500	455	323
11/28/2021	12	500	455	321
11/28/2021	13	500	455	323
11/28/2021	14	550	455	329
11/28/2021	15	550	455	327
11/28/2021	16	550	455	320
11/28/2021	17	550	455	320
11/28/2021	18	590	455	349
11/28/2021	19	590	455	348
11/28/2021	20	590	455	348
11/28/2021	21	590	455	348
11/28/2021	22	590	455	339
11/28/2021	23	550	455	326
11/28/2021	24	550	455	311
11/29/2021	1	460	455	290
11/29/2021	2	460	455	278
11/29/2021	3	460	455	268
11/29/2021	4	460	455	264
11/29/2021	5	460	455	262
11/29/2021	6	460	455	271
11/29/2021	7	460	455	283

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/29/2021	8	520	455	320
11/29/2021	9	590	455	353
11/29/2021	10	590	455	376
11/29/2021	11	590	455	390
11/29/2021	12	590	455	386
11/29/2021	13	590	455	390
11/29/2021	14	590	455	403
11/29/2021	15	590	455	393
11/29/2021	16	590	455	383
11/29/2021	17	590	455	364
11/29/2021	18	590	455	376
11/29/2021	19	590	455	369
11/29/2021	20	590	455	365
11/29/2021	21	590	455	361
11/29/2021	22	590	455	350
11/29/2021	23	590	455	337
11/29/2021	24	590	455	321
11/30/2021	1	460	455	312
11/30/2021	2	460	455	301
11/30/2021	3	430	420	291
11/30/2021	4	430	420	285
11/30/2021	5	430	420	279
11/30/2021	6	430	400	274
11/30/2021	7	430	380	272
11/30/2021	8	430	380	281
11/30/2021	9	430	380	294
11/30/2021	10	460	420	313
11/30/2021	11	460	420	327
11/30/2021	12	460	420	325
11/30/2021	13	460	420	327
11/30/2021	14	460	420	334
11/30/2021	15	460	420	332
11/30/2021	16	460	420	324
11/30/2021	17	460	420	324
11/30/2021	18	460	455	354
11/30/2021	19	460	455	353
11/30/2021	20	460	455	353
11/30/2021	21	460	455	352
11/30/2021	22	460	455	344
11/30/2021	23	460	455	331
11/30/2021	24	460	455	336
12/01/2021	1	460	455	313
12/01/2021	2	460	455	304
12/01/2021	3	460	455	293
12/01/2021	4	460	455	287
12/01/2021	5	460	455	287
12/01/2021	6	460	455	290
12/01/2021	7	460	455	298
12/01/2021	8	460	455	329
12/01/2021	9	460	455	359
12/01/2021	10	460	455	377
12/01/2021	11	460	455	397
12/01/2021	12	460	455	390
12/01/2021	13	460	455	389
12/01/2021	14	460	455	402
12/01/2021	15	460	455	398
12/01/2021	16	460	455	387
12/01/2021	17	460	455	369
12/01/2021	18	460	455	381
12/01/2021	19	460	455	370
12/01/2021	20	460	455	365
12/01/2021	21	460	455	362
12/01/2021	22	460	455	352
12/01/2021	23	460	455	340
12/01/2021	24	460	455	327

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/02/2021	1	460	455	325
12/02/2021	2	460	455	313
12/02/2021	3	460	455	303
12/02/2021	4	460	455	295
12/02/2021	5	460	455	295
12/02/2021	6	460	455	297
12/02/2021	7	460	455	306
12/02/2021	8	460	455	336
12/02/2021	9	460	455	361
12/02/2021	10	460	455	384
12/02/2021	11	460	455	401
12/02/2021	12	460	455	394
12/02/2021	13	460	455	396
12/02/2021	14	460	455	406
12/02/2021	15	460	455	403
12/02/2021	16	460	455	397
12/02/2021	17	460	455	380
12/02/2021	18	460	455	389
12/02/2021	19	460	455	383
12/02/2021	20	460	455	377
12/02/2021	21	460	455	373
12/02/2021	22	460	455	364
12/02/2021	23	460	455	351
12/02/2021	24	460	455	334
12/03/2021	1	460	455	325
12/03/2021	2	460	455	316
12/03/2021	3	460	455	306
12/03/2021	4	460	455	301
12/03/2021	5	460	455	299
12/03/2021	6	460	455	302
12/03/2021	7	460	455	311
12/03/2021	8	460	455	333
12/03/2021	9	460	455	356
12/03/2021	10	460	455	367
12/03/2021	11	460	455	375
12/03/2021	12	460	455	377
12/03/2021	13	460	455	382
12/03/2021	14	460	455	376
12/03/2021	15	460	455	373
12/03/2021	16	460	455	366
12/03/2021	17	460	455	355
12/03/2021	18	460	455	370
12/03/2021	19	460	455	360
12/03/2021	20	460	455	356
12/03/2021	21	460	455	352
12/03/2021	22	460	455	342
12/03/2021	23	460	455	341
12/03/2021	24	460	455	327
12/04/2021	1	460	455	317
12/04/2021	2	460	455	307
12/04/2021	3	460	455	298
12/04/2021	4	460	455	292
12/04/2021	5	460	455	292
12/04/2021	6	460	455	291
12/04/2021	7	460	455	291
12/04/2021	8	460	455	309
12/04/2021	9	460	455	331
12/04/2021	10	460	455	350
12/04/2021	11	460	455	361
12/04/2021	12	460	455	355
12/04/2021	13	460	455	355
12/04/2021	14	460	455	365
12/04/2021	15	460	455	361
12/04/2021	16	460	455	352
12/04/2021	17	460	455	341

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/04/2021	18	460	455	360
12/04/2021	19	460	455	352
12/04/2021	20	460	455	350
12/04/2021	21	460	455	346
12/04/2021	22	460	455	345
12/04/2021	23	460	455	334
12/04/2021	24	460	455	321
12/05/2021	1	455	442	295
12/05/2021	2	455	430	288
12/05/2021	3	450	430	278
12/05/2021	4	450	430	269
12/05/2021	5	450	430	266
12/05/2021	6	450	430	262
12/05/2021	7	450	430	259
12/05/2021	8	450	430	266
12/05/2021	9	450	430	280
12/05/2021	10	460	450	294
12/05/2021	11	500	455	302
12/05/2021	12	500	455	292
12/05/2021	13	550	455	291
12/05/2021	14	580	455	291
12/05/2021	15	580	455	288
12/05/2021	16	580	455	286
12/05/2021	17	560	455	285
12/05/2021	18	590	460	318
12/05/2021	19	590	460	319
12/05/2021	20	590	460	318
12/05/2021	21	590	460	314
12/05/2021	22	590	460	304
12/05/2021	23	590	460	294
12/05/2021	24	545	455	282
12/06/2021	1	460	455	271
12/06/2021	2	460	455	263
12/06/2021	3	460	455	255
12/06/2021	4	460	455	248
12/06/2021	5	460	455	250
12/06/2021	6	460	455	256
12/06/2021	7	460	455	271
12/06/2021	8	550	460	303
12/06/2021	9	590	460	334
12/06/2021	10	590	460	355
12/06/2021	11	590	460	372
12/06/2021	12	590	460	368
12/06/2021	13	590	460	369
12/06/2021	14	590	460	377
12/06/2021	15	590	460	374
12/06/2021	16	590	460	366
12/06/2021	17	590	460	346
12/06/2021	18	590	460	361
12/06/2021	19	590	460	353
12/06/2021	20	590	460	349
12/06/2021	21	590	460	348
12/06/2021	22	590	460	339
12/06/2021	23	590	460	323
12/06/2021	24	590	460	311
12/07/2021	1	590	460	304
12/07/2021	2	590	460	292
12/07/2021	3	590	460	285
12/07/2021	4	590	460	279
12/07/2021	5	590	460	281
12/07/2021	6	590	460	282
12/07/2021	7	590	460	294
12/07/2021	8	590	460	321
12/07/2021	9	590	460	346
12/07/2021	10	590	460	361

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/07/2021	11	590	460	378
12/07/2021	12	590	460	371
12/07/2021	13	590	460	370
12/07/2021	14	590	460	379
12/07/2021	15	590	460	377
12/07/2021	16	590	460	368
12/07/2021	17	590	460	357
12/07/2021	18	590	460	366
12/07/2021	19	590	460	354
12/07/2021	20	590	460	350
12/07/2021	21	590	460	344
12/07/2021	22	590	460	330
12/07/2021	23	590	460	316
12/07/2021	24	590	460	328
12/08/2021	1	455	430	289
12/08/2021	2	455	430	280
12/08/2021	3	450	430	270
12/08/2021	4	450	430	264
12/08/2021	5	450	430	265
12/08/2021	6	450	430	265
12/08/2021	7	450	430	269
12/08/2021	8	530	450	288
12/08/2021	9	530	450	310
12/08/2021	10	530	460	328
12/08/2021	11	530	455	341
12/08/2021	12	530	455	331
12/08/2021	13	530	460	330
12/08/2021	14	550	460	336
12/08/2021	15	550	460	332
12/08/2021	16	550	460	325
12/08/2021	17	560	460	319
12/08/2021	18	590	460	340
12/08/2021	19	590	460	329
12/08/2021	20	590	460	321
12/08/2021	21	590	460	312
12/08/2021	22	590	460	300
12/08/2021	23	590	460	286
12/08/2021	24	545	460	317
12/09/2021	1	450	420	293
12/09/2021	2	450	420	281
12/09/2021	3	450	420	274
12/09/2021	4	450	420	268
12/09/2021	5	450	420	270
12/09/2021	6	450	420	272
12/09/2021	7	450	420	283
12/09/2021	8	450	420	310
12/09/2021	9	520	460	335
12/09/2021	10	590	460	350
12/09/2021	11	590	460	367
12/09/2021	12	590	460	360
12/09/2021	13	590	460	359
12/09/2021	14	590	460	368
12/09/2021	15	590	460	366
12/09/2021	16	590	460	357
12/09/2021	17	590	460	345
12/09/2021	18	590	460	355
12/09/2021	19	590	460	343
12/09/2021	20	590	460	339
12/09/2021	21	590	460	333
12/09/2021	22	590	460	319
12/09/2021	23	590	460	305
12/09/2021	24	590	460	291
12/10/2021	1	450	420	293
12/10/2021	2	450	420	287
12/10/2021	3	450	420	277

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/10/2021	4	450	420	273
12/10/2021	5	450	420	272
12/10/2021	6	450	420	276
12/10/2021	7	450	420	287
12/10/2021	8	450	420	313
12/10/2021	9	520	460	340
12/10/2021	10	590	460	355
12/10/2021	11	590	460	372
12/10/2021	12	590	460	372
12/10/2021	13	590	460	368
12/10/2021	14	590	460	374
12/10/2021	15	590	460	371
12/10/2021	16	590	460	363
12/10/2021	17	590	460	350
12/10/2021	18	590	460	359
12/10/2021	19	590	460	351
12/10/2021	20	590	460	344
12/10/2021	21	590	460	338
12/10/2021	22	590	460	325
12/10/2021	23	590	460	309
12/10/2021	24	590	460	298
12/11/2021	1	410	390	289
12/11/2021	2	410	390	280
12/11/2021	3	410	390	270
12/11/2021	4	410	390	264
12/11/2021	5	410	390	265
12/11/2021	6	450	420	265
12/11/2021	7	450	420	269
12/11/2021	8	450	420	287
12/11/2021	9	520	460	310
12/11/2021	10	590	460	328
12/11/2021	11	590	460	341
12/11/2021	12	590	460	331
12/11/2021	13	590	460	329
12/11/2021	14	590	460	336
12/11/2021	15	590	460	332
12/11/2021	16	590	460	324
12/11/2021	17	590	460	318
12/11/2021	18	590	460	340
12/11/2021	19	590	460	329
12/11/2021	20	590	460	321
12/11/2021	21	590	460	312
12/11/2021	22	590	460	300
12/11/2021	23	590	460	286
12/11/2021	24	590	460	275
12/12/2021	1	400	360	267
12/12/2021	2	400	340	260
12/12/2021	3	400	316	250
12/12/2021	4	400	316	246
12/12/2021	5	400	316	244
12/12/2021	6	400	316	241
12/12/2021	7	400	316	241
12/12/2021	8	400	316	251
12/12/2021	9	450	350	264
12/12/2021	10	480	400	283
12/12/2021	11	480	400	296
12/12/2021	12	480	400	290
12/12/2021	13	480	430	290
12/12/2021	14	480	430	293
12/12/2021	15	540	430	289
12/12/2021	16	590	430	285
12/12/2021	17	590	430	287
12/12/2021	18	590	430	316
12/12/2021	19	590	430	311
12/12/2021	20	590	430	304

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/12/2021	21	590	430	297
12/12/2021	22	590	430	285
12/12/2021	23	550	430	275
12/12/2021	24	540	400	263
12/13/2021	1	410	390	263
12/13/2021	2	410	390	256
12/13/2021	3	410	390	248
12/13/2021	4	410	390	245
12/13/2021	5	410	390	249
12/13/2021	6	450	420	260
12/13/2021	7	450	420	276
12/13/2021	8	450	420	305
12/13/2021	9	520	460	332
12/13/2021	10	590	460	351
12/13/2021	11	590	460	366
12/13/2021	12	590	460	360
12/13/2021	13	590	460	359
12/13/2021	14	590	460	371
12/13/2021	15	590	460	369
12/13/2021	16	590	460	364
12/13/2021	17	590	460	351
12/13/2021	18	590	460	366
12/13/2021	19	590	460	355
12/13/2021	20	590	460	345
12/13/2021	21	590	460	336
12/13/2021	22	590	460	319
12/13/2021	23	590	460	304
12/13/2021	24	590	460	292
12/14/2021	1	410	390	312
12/14/2021	2	410	390	301
12/14/2021	3	410	390	289
12/14/2021	4	410	390	282
12/14/2021	5	410	390	279
12/14/2021	6	450	390	277
12/14/2021	7	450	390	279
12/14/2021	8	450	420	306
12/14/2021	9	520	460	333
12/14/2021	10	590	460	350
12/14/2021	11	590	460	364
12/14/2021	12	590	460	354
12/14/2021	13	590	460	348
12/14/2021	14	590	460	358
12/14/2021	15	590	460	355
12/14/2021	16	590	460	347
12/14/2021	17	590	460	342
12/14/2021	18	590	460	367
12/14/2021	19	590	460	340
12/14/2021	20	590	460	332
12/14/2021	21	590	460	320
12/14/2021	22	590	460	304
12/14/2021	23	590	460	290
12/14/2021	24	590	460	310
12/15/2021	1	410	390	304
12/15/2021	2	410	390	293
12/15/2021	3	410	390	285
12/15/2021	4	410	390	280
12/15/2021	5	410	390	282
12/15/2021	6	450	390	283
12/15/2021	7	450	390	294
12/15/2021	8	450	420	321
12/15/2021	9	520	460	346
12/15/2021	10	590	460	362
12/15/2021	11	590	460	379
12/15/2021	12	590	460	371
12/15/2021	13	590	460	371

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/15/2021	14	590	460	380
12/15/2021	15	590	460	377
12/15/2021	16	590	460	369
12/15/2021	17	590	460	357
12/15/2021	18	590	460	367
12/15/2021	19	590	460	355
12/15/2021	20	590	460	350
12/15/2021	21	590	460	345
12/15/2021	22	590	460	331
12/15/2021	23	590	460	316
12/15/2021	24	590	460	281
12/16/2021	1	410	390	305
12/16/2021	2	410	390	293
12/16/2021	3	410	390	286
12/16/2021	4	410	390	280
12/16/2021	5	410	390	282
12/16/2021	6	450	390	283
12/16/2021	7	450	390	294
12/16/2021	8	450	420	321
12/16/2021	9	520	460	346
12/16/2021	10	590	460	361
12/16/2021	11	590	460	378
12/16/2021	12	590	460	371
12/16/2021	13	590	460	370
12/16/2021	14	590	460	380
12/16/2021	15	590	460	377
12/16/2021	16	590	460	368
12/16/2021	17	590	460	357
12/16/2021	18	590	460	367
12/16/2021	19	590	460	354
12/16/2021	20	590	460	350
12/16/2021	21	590	460	345
12/16/2021	22	590	460	331
12/16/2021	23	590	460	316
12/16/2021	24	590	460	292
12/17/2021	1	410	390	282
12/17/2021	2	410	390	273
12/17/2021	3	410	390	267
12/17/2021	4	410	390	263
12/17/2021	5	410	390	263
12/17/2021	6	450	390	271
12/17/2021	7	450	390	284
12/17/2021	8	450	420	310
12/17/2021	9	520	460	333
12/17/2021	10	590	460	351
12/17/2021	11	590	460	364
12/17/2021	12	590	460	356
12/17/2021	13	590	460	356
12/17/2021	14	590	460	369
12/17/2021	15	590	460	366
12/17/2021	16	590	460	359
12/17/2021	17	590	460	346
12/17/2021	18	590	460	361
12/17/2021	19	590	460	351
12/17/2021	20	590	460	345
12/17/2021	21	590	460	336
12/17/2021	22	590	460	322
12/17/2021	23	590	460	308
12/17/2021	24	590	460	299
12/18/2021	1	410	390	286
12/18/2021	2	410	390	278
12/18/2021	3	410	390	270
12/18/2021	4	410	390	266
12/18/2021	5	410	390	267
12/18/2021	6	450	390	266

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/18/2021	7	450	390	271
12/18/2021	8	450	420	291
12/18/2021	9	520	460	314
12/18/2021	10	590	460	330
12/18/2021	11	590	460	339
12/18/2021	12	590	460	331
12/18/2021	13	590	460	327
12/18/2021	14	590	460	334
12/18/2021	15	590	460	326
12/18/2021	16	590	460	323
12/18/2021	17	590	460	324
12/18/2021	18	590	460	345
12/18/2021	19	590	460	339
12/18/2021	20	590	460	336
12/18/2021	21	590	460	332
12/18/2021	22	590	460	319
12/18/2021	23	590	460	308
12/18/2021	24	590	460	296
12/19/2021	1	410	390	276
12/19/2021	2	410	390	269
12/19/2021	3	410	390	260
12/19/2021	4	410	390	254
12/19/2021	5	410	390	255
12/19/2021	6	410	390	251
12/19/2021	7	410	390	252
12/19/2021	8	410	390	258
12/19/2021	9	420	410	277
12/19/2021	10	520	420	291
12/19/2021	11	590	460	300
12/19/2021	12	590	460	293
12/19/2021	13	590	460	292
12/19/2021	14	590	460	293
12/19/2021	15	590	460	289
12/19/2021	16	590	460	287
12/19/2021	17	590	460	288
12/19/2021	18	590	460	316
12/19/2021	19	590	460	315
12/19/2021	20	590	460	313
12/19/2021	21	590	460	308
12/19/2021	22	590	460	297
12/19/2021	23	590	460	284
12/19/2021	24	590	460	274
12/20/2021	1	410	390	266
12/20/2021	2	410	390	259
12/20/2021	3	410	390	251
12/20/2021	4	410	390	246
12/20/2021	5	410	390	250
12/20/2021	6	450	390	263
12/20/2021	7	450	390	281
12/20/2021	8	450	420	308
12/20/2021	9	520	460	338
12/20/2021	10	590	460	356
12/20/2021	11	590	460	371
12/20/2021	12	590	460	362
12/20/2021	13	590	460	360
12/20/2021	14	590	460	371
12/20/2021	15	590	460	368
12/20/2021	16	590	460	361
12/20/2021	17	590	460	347
12/20/2021	18	590	460	359
12/20/2021	19	590	460	348
12/20/2021	20	590	460	343
12/20/2021	21	590	460	333
12/20/2021	22	590	460	321
12/20/2021	23	590	460	304

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/20/2021	24	590	460	294
12/21/2021	1	410	390	305
12/21/2021	2	410	390	293
12/21/2021	3	410	390	285
12/21/2021	4	410	390	280
12/21/2021	5	410	390	282
12/21/2021	6	410	390	283
12/21/2021	7	450	390	294
12/21/2021	8	450	420	322
12/21/2021	9	520	460	347
12/21/2021	10	590	460	363
12/21/2021	11	590	460	379
12/21/2021	12	590	460	372
12/21/2021	13	590	460	371
12/21/2021	14	590	460	381
12/21/2021	15	590	460	378
12/21/2021	16	590	460	370
12/21/2021	17	590	460	358
12/21/2021	18	590	460	368
12/21/2021	19	590	460	356
12/21/2021	20	590	460	351
12/21/2021	21	590	460	346
12/21/2021	22	590	460	332
12/21/2021	23	590	460	318
12/21/2021	24	590	460	296
12/22/2021	1	410	390	294
12/22/2021	2	410	390	287
12/22/2021	3	410	390	280
12/22/2021	4	410	390	274
12/22/2021	5	410	390	276
12/22/2021	6	410	390	281
12/22/2021	7	450	390	293
12/22/2021	8	450	420	321
12/22/2021	9	520	460	348
12/22/2021	10	590	460	365
12/22/2021	11	590	460	380
12/22/2021	12	590	460	369
12/22/2021	13	590	460	366
12/22/2021	14	590	460	380
12/22/2021	15	590	460	376
12/22/2021	16	590	460	369
12/22/2021	17	590	460	352
12/22/2021	18	590	460	366
12/22/2021	19	590	460	357
12/22/2021	20	590	460	349
12/22/2021	21	590	460	341
12/22/2021	22	590	460	329
12/22/2021	23	590	460	314
12/22/2021	24	590	460	294
12/23/2021	1	450	410	312
12/23/2021	2	450	410	301
12/23/2021	3	450	410	292
12/23/2021	4	450	410	280
12/23/2021	5	450	410	283
12/23/2021	6	450	410	284
12/23/2021	7	450	450	295
12/23/2021	8	520	450	322
12/23/2021	9	590	520	347
12/23/2021	10	647	590	362
12/23/2021	11	647	590	379
12/23/2021	12	647	590	372
12/23/2021	13	647	590	371
12/23/2021	14	647	590	381
12/23/2021	15	647	590	378
12/23/2021	16	647	590	369

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/23/2021	17	647	590	358
12/23/2021	18	647	590	368
12/23/2021	19	647	590	355
12/23/2021	20	647	590	351
12/23/2021	21	647	590	345
12/23/2021	22	647	590	332
12/23/2021	23	647	590	317
12/23/2021	24	647	590	309
12/24/2021	1	450	410	298
12/24/2021	2	450	410	291
12/24/2021	3	450	410	285
12/24/2021	4	450	410	280
12/24/2021	5	450	410	282
12/24/2021	6	450	410	283
12/24/2021	7	450	410	284
12/24/2021	8	480	470	302
12/24/2021	9	480	470	326
12/24/2021	10	480	470	348
12/24/2021	11	480	470	360
12/24/2021	12	480	470	352
12/24/2021	13	480	470	351
12/24/2021	14	480	470	357
12/24/2021	15	480	470	354
12/24/2021	16	480	470	347
12/24/2021	17	480	470	340
12/24/2021	18	480	470	361
12/24/2021	19	480	470	354
12/24/2021	20	480	470	349
12/24/2021	21	480	470	342
12/24/2021	22	480	470	330
12/24/2021	23	480	470	316
12/24/2021	24	480	470	281
12/25/2021	1	350	320	222
12/25/2021	2	350	320	212
12/25/2021	3	350	320	199
12/25/2021	4	350	320	194
12/25/2021	5	350	320	196
12/25/2021	6	350	320	184
12/25/2021	7	350	320	189
12/25/2021	8	350	320	205
12/25/2021	9	350	320	222
12/25/2021	10	350	320	238
12/25/2021	11	420	410	254
12/25/2021	12	420	410	246
12/25/2021	13	420	410	248
12/25/2021	14	480	470	256
12/25/2021	15	480	470	255
12/25/2021	16	480	470	252
12/25/2021	17	480	470	249
12/25/2021	18	480	470	269
12/25/2021	19	480	470	264
12/25/2021	20	480	470	259
12/25/2021	21	480	470	249
12/25/2021	22	420	410	238
12/25/2021	23	350	320	224
12/25/2021	24	350	320	224
12/26/2021	1	450	410	288
12/26/2021	2	450	410	277
12/26/2021	3	450	410	269
12/26/2021	4	450	410	263
12/26/2021	5	450	410	260
12/26/2021	6	450	410	257
12/26/2021	7	450	410	255
12/26/2021	8	480	470	263
12/26/2021	9	480	470	275

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/26/2021	10	480	470	286
12/26/2021	11	480	470	294
12/26/2021	12	480	470	292
12/26/2021	13	480	470	289
12/26/2021	14	480	470	287
12/26/2021	15	480	470	285
12/26/2021	16	480	470	283
12/26/2021	17	480	470	289
12/26/2021	18	480	470	318
12/26/2021	19	480	470	318
12/26/2021	20	480	470	315
12/26/2021	21	480	470	308
12/26/2021	22	480	470	297
12/26/2021	23	480	470	284
12/26/2021	24	480	470	272
12/27/2021	1	350	320	237
12/27/2021	2	350	320	231
12/27/2021	3	350	320	225
12/27/2021	4	350	320	221
12/27/2021	5	350	320	226
12/27/2021	6	420	390	233
12/27/2021	7	420	390	250
12/27/2021	8	480	470	276
12/27/2021	9	480	470	303
12/27/2021	10	480	470	327
12/27/2021	11	480	470	346
12/27/2021	12	480	470	339
12/27/2021	13	480	470	336
12/27/2021	14	480	470	348
12/27/2021	15	480	470	345
12/27/2021	16	480	470	341
12/27/2021	17	480	470	328
12/27/2021	18	480	470	339
12/27/2021	19	480	470	330
12/27/2021	20	480	470	323
12/27/2021	21	480	470	317
12/27/2021	22	480	470	300
12/27/2021	23	480	470	288
12/27/2021	24	480	470	276
12/28/2021	1	520	480	265
12/28/2021	2	460	450	259
12/28/2021	3	460	450	253
12/28/2021	4	460	450	250
12/28/2021	5	460	450	248
12/28/2021	6	460	450	250
12/28/2021	7	460	450	257
12/28/2021	8	520	480	277
12/28/2021	9	520	480	303
12/28/2021	10	520	480	323
12/28/2021	11	647	590	338
12/28/2021	12	647	590	334
12/28/2021	13	647	590	339
12/28/2021	14	647	590	347
12/28/2021	15	647	590	345
12/28/2021	16	647	590	337
12/28/2021	17	647	590	319
12/28/2021	18	647	590	332
12/28/2021	19	647	590	330
12/28/2021	20	647	590	323
12/28/2021	21	647	590	320
12/28/2021	22	647	590	310
12/28/2021	23	647	590	296
12/28/2021	24	647	590	328
12/29/2021	1	520	480	281
12/29/2021	2	490	470	273

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/29/2021	3	460	450	268
12/29/2021	4	460	450	261
12/29/2021	5	460	450	263
12/29/2021	6	460	450	273
12/29/2021	7	460	450	283
12/29/2021	8	520	480	302
12/29/2021	9	520	480	323
12/29/2021	10	520	480	330
12/29/2021	11	647	550	338
12/29/2021	12	647	550	335
12/29/2021	13	647	460	334
12/29/2021	14	647	460	336
12/29/2021	15	647	460	325
12/29/2021	16	647	460	321
12/29/2021	17	647	460	320
12/29/2021	18	647	460	329
12/29/2021	19	647	460	327
12/29/2021	20	647	460	325
12/29/2021	21	647	460	321
12/29/2021	22	647	460	311
12/29/2021	23	647	460	297
12/29/2021	24	647	460	281
12/30/2021	1	460	420	247
12/30/2021	2	440	420	239
12/30/2021	3	440	420	232
12/30/2021	4	440	420	226
12/30/2021	5	440	420	225
12/30/2021	6	440	420	227
12/30/2021	7	440	420	231
12/30/2021	8	440	420	238
12/30/2021	9	440	420	255
12/30/2021	10	440	420	273
12/30/2021	11	520	420	283
12/30/2021	12	520	420	283
12/30/2021	13	520	420	280
12/30/2021	14	520	420	280
12/30/2021	15	520	420	278
12/30/2021	16	647	420	278
12/30/2021	17	647	460	281
12/30/2021	18	647	460	308
12/30/2021	19	647	460	308
12/30/2021	20	647	460	306
12/30/2021	21	647	460	298
12/30/2021	22	647	460	286
12/30/2021	23	647	460	274
12/30/2021	24	560	420	258
12/31/2021	1	420	350	251
12/31/2021	2	382	350	243
12/31/2021	3	382	300	235
12/31/2021	4	280	261	229
12/31/2021	5	300	240	225
12/31/2021	6	300	240	224
12/31/2021	7	300	210	222
12/31/2021	8	300	210	234
12/31/2021	9	300	210	254
12/31/2021	10	300	280	268
12/31/2021	11	330	320	277
12/31/2021	12	330	320	274
12/31/2021	13	350	280	270
12/31/2021	14	350	280	273
12/31/2021	15	330	250	267
12/31/2021	16	330	267	262
12/31/2021	17	350	280	258
12/31/2021	18	400	350	275
12/31/2021	19	400	350	270

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/31/2021	20	350	302	257
12/31/2021	21	320	235	249
12/31/2021	22	320	238	244
12/31/2021	23	300	220	239
12/31/2021	24	300	215	231
01/01/2022	1	420	350	248
01/01/2022	2	400	350	242
01/01/2022	3	382	300	234
01/01/2022	4	339	300	227
01/01/2022	5	300	281	222
01/01/2022	6	300	281	219
01/01/2022	7	300	232	214
01/01/2022	8	300	208	218
01/01/2022	9	300	240	223
01/01/2022	10	300	280	236
01/01/2022	11	330	300	246
01/01/2022	12	330	320	250
01/01/2022	13	350	306	251
01/01/2022	14	380	315	253
01/01/2022	15	380	340	254
01/01/2022	16	380	340	251
01/01/2022	17	380	320	250
01/01/2022	18	420	382	272
01/01/2022	19	450	420	275
01/01/2022	20	450	420	273
01/01/2022	21	450	420	270
01/01/2022	22	420	420	261
01/01/2022	23	420	380	251
01/01/2022	24	380	350	243
01/02/2022	1	390	360	211
01/02/2022	2	390	360	203
01/02/2022	3	390	360	196
01/02/2022	4	390	360	190
01/02/2022	5	390	360	189
01/02/2022	6	390	360	191
01/02/2022	7	390	360	195
01/02/2022	8	390	360	202
01/02/2022	9	390	360	218
01/02/2022	10	390	360	237
01/02/2022	11	470	380	247
01/02/2022	12	470	380	247
01/02/2022	13	470	380	244
01/02/2022	14	470	380	244
01/02/2022	15	470	380	242
01/02/2022	16	550	420	242
01/02/2022	17	550	420	246
01/02/2022	18	647	460	272
01/02/2022	19	647	460	271
01/02/2022	20	647	460	269
01/02/2022	21	550	420	261
01/02/2022	22	470	360	249
01/02/2022	23	390	360	237
01/02/2022	24	390	360	227
01/03/2022	1	440	420	268
01/03/2022	2	440	420	261
01/03/2022	3	440	420	253
01/03/2022	4	440	420	251
01/03/2022	5	440	420	253
01/03/2022	6	440	420	260
01/03/2022	7	440	420	274
01/03/2022	8	550	420	294
01/03/2022	9	647	420	324
01/03/2022	10	647	460	339
01/03/2022	11	647	460	350
01/03/2022	12	647	460	344

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/03/2022	13	647	460	338
01/03/2022	14	647	460	343
01/03/2022	15	647	460	339
01/03/2022	16	647	460	335
01/03/2022	17	647	460	330
01/03/2022	18	647	460	344
01/03/2022	19	647	460	336
01/03/2022	20	647	460	329
01/03/2022	21	647	460	320
01/03/2022	22	647	460	308
01/03/2022	23	647	460	295
01/03/2022	24	550	420	286
01/04/2022	1	440	420	266
01/04/2022	2	440	420	260
01/04/2022	3	440	420	250
01/04/2022	4	440	420	250
01/04/2022	5	440	420	251
01/04/2022	6	440	420	256
01/04/2022	7	440	420	270
01/04/2022	8	550	420	295
01/04/2022	9	647	420	323
01/04/2022	10	647	460	335
01/04/2022	11	647	460	349
01/04/2022	12	647	460	349
01/04/2022	13	647	460	343
01/04/2022	14	647	460	352
01/04/2022	15	647	460	346
01/04/2022	16	647	460	343
01/04/2022	17	647	460	325
01/04/2022	18	647	460	335
01/04/2022	19	647	460	332
01/04/2022	20	647	460	326
01/04/2022	21	647	460	318
01/04/2022	22	647	460	305
01/04/2022	23	647	460	291
01/04/2022	24	647	460	331
01/05/2022	1	440	420	267
01/05/2022	2	440	420	259
01/05/2022	3	440	420	254
01/05/2022	4	440	420	247
01/05/2022	5	440	420	249
01/05/2022	6	420	400	251
01/05/2022	7	420	400	261
01/05/2022	8	450	420	285
01/05/2022	9	500	420	313
01/05/2022	10	500	460	328
01/05/2022	11	550	460	343
01/05/2022	12	550	460	340
01/05/2022	13	550	460	343
01/05/2022	14	647	460	355
01/05/2022	15	647	460	356
01/05/2022	16	647	460	350
01/05/2022	17	647	460	334
01/05/2022	18	647	460	347
01/05/2022	19	647	460	340
01/05/2022	20	647	460	336
01/05/2022	21	647	460	332
01/05/2022	22	647	460	320
01/05/2022	23	647	460	308
01/05/2022	24	647	460	284
01/06/2022	1	440	420	250
01/06/2022	2	440	420	245
01/06/2022	3	420	400	238
01/06/2022	4	420	400	236
01/06/2022	5	420	400	242

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/06/2022	6	420	420	250
01/06/2022	7	420	420	263
01/06/2022	8	450	420	284
01/06/2022	9	500	420	312
01/06/2022	10	500	460	326
01/06/2022	11	647	460	344
01/06/2022	12	647	460	340
01/06/2022	13	647	460	339
01/06/2022	14	647	460	349
01/06/2022	15	647	460	345
01/06/2022	16	647	460	342
01/06/2022	17	647	460	328
01/06/2022	18	647	460	342
01/06/2022	19	647	460	338
01/06/2022	20	647	460	325
01/06/2022	21	647	460	315
01/06/2022	22	647	460	302
01/06/2022	23	647	460	289
01/06/2022	24	647	460	267
01/07/2022	1	420	400	265
01/07/2022	2	420	400	257
01/07/2022	3	420	400	251
01/07/2022	4	420	400	248
01/07/2022	5	420	400	250
01/07/2022	6	420	400	257
01/07/2022	7	420	400	270
01/07/2022	8	450	420	291
01/07/2022	9	500	420	314
01/07/2022	10	500	460	335
01/07/2022	11	647	460	346
01/07/2022	12	647	460	337
01/07/2022	13	647	460	337
01/07/2022	14	647	460	350
01/07/2022	15	647	460	347
01/07/2022	16	647	460	346
01/07/2022	17	647	460	332
01/07/2022	18	647	460	343
01/07/2022	19	647	460	337
01/07/2022	20	647	460	327
01/07/2022	21	647	460	318
01/07/2022	22	647	460	306
01/07/2022	23	647	460	293
01/07/2022	24	550	460	261
01/08/2022	1	420	400	270
01/08/2022	2	420	400	262
01/08/2022	3	420	400	254
01/08/2022	4	420	400	251
01/08/2022	5	420	400	256
01/08/2022	6	420	400	265
01/08/2022	7	420	400	273
01/08/2022	8	450	420	257
01/08/2022	9	500	420	275
01/08/2022	10	500	460	293
01/08/2022	11	647	460	304
01/08/2022	12	647	460	300
01/08/2022	13	647	460	297
01/08/2022	14	647	460	303
01/08/2022	15	647	460	300
01/08/2022	16	647	460	295
01/08/2022	17	647	460	289
01/08/2022	18	647	460	305
01/08/2022	19	550	460	309
01/08/2022	20	500	420	302
01/08/2022	21	420	420	296
01/08/2022	22	420	400	286

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/08/2022	23	420	400	275
01/08/2022	24	420	400	246
01/09/2022	1	440	376	219
01/09/2022	2	440	376	213
01/09/2022	3	400	376	207
01/09/2022	4	376	360	203
01/09/2022	5	400	376	205
01/09/2022	6	400	376	209
01/09/2022	7	400	350	213
01/09/2022	8	420	350	224
01/09/2022	9	450	350	237
01/09/2022	10	500	382	254
01/09/2022	11	500	382	260
01/09/2022	12	500	382	260
01/09/2022	13	500	360	256
01/09/2022	14	500	360	255
01/09/2022	15	500	360	256
01/09/2022	16	500	420	258
01/09/2022	17	550	420	261
01/09/2022	18	647	420	288
01/09/2022	19	647	420	291
01/09/2022	20	647	420	286
01/09/2022	21	647	420	276
01/09/2022	22	647	420	265
01/09/2022	23	647	420	252
01/09/2022	24	647	376	241
01/10/2022	1	420	400	236
01/10/2022	2	420	400	229
01/10/2022	3	420	400	225
01/10/2022	4	420	400	222
01/10/2022	5	420	400	227
01/10/2022	6	420	400	238
01/10/2022	7	500	420	256
01/10/2022	8	647	460	281
01/10/2022	9	647	460	305
01/10/2022	10	647	460	327
01/10/2022	11	647	460	341
01/10/2022	12	647	460	336
01/10/2022	13	647	460	334
01/10/2022	14	647	460	342
01/10/2022	15	647	460	340
01/10/2022	16	647	460	338
01/10/2022	17	647	460	327
01/10/2022	18	647	460	338
01/10/2022	19	647	460	331
01/10/2022	20	647	460	320
01/10/2022	21	647	460	309
01/10/2022	22	647	460	297
01/10/2022	23	647	460	285
01/10/2022	24	647	460	276
01/11/2022	1	420	400	277
01/11/2022	2	420	400	270
01/11/2022	3	420	400	263
01/11/2022	4	420	400	260
01/11/2022	5	420	400	262
01/11/2022	6	420	400	270
01/11/2022	7	550	420	284
01/11/2022	8	647	460	306
01/11/2022	9	647	460	330
01/11/2022	10	647	460	352
01/11/2022	11	647	460	363
01/11/2022	12	647	460	353
01/11/2022	13	647	460	354
01/11/2022	14	647	460	363
01/11/2022	15	647	460	364

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/11/2022	16	647	460	361
01/11/2022	17	647	460	348
01/11/2022	18	647	460	359
01/11/2022	19	647	460	351
01/11/2022	20	647	460	343
01/11/2022	21	647	460	334
01/11/2022	22	647	460	321
01/11/2022	23	647	460	308
01/11/2022	24	647	460	278
01/12/2022	1	550	400	283
01/12/2022	2	550	400	274
01/12/2022	3	550	400	268
01/12/2022	4	550	400	266
01/12/2022	5	550	400	267
01/12/2022	6	620	460	275
01/12/2022	7	647	460	287
01/12/2022	8	647	460	310
01/12/2022	9	647	460	335
01/12/2022	10	647	460	355
01/12/2022	11	647	460	364
01/12/2022	12	647	460	356
01/12/2022	13	647	460	356
01/12/2022	14	647	460	371
01/12/2022	15	647	460	364
01/12/2022	16	647	460	360
01/12/2022	17	647	460	346
01/12/2022	18	647	460	354
01/12/2022	19	647	460	349
01/12/2022	20	647	460	342
01/12/2022	21	647	460	328
01/12/2022	22	647	460	336
01/12/2022	23	647	460	306
01/12/2022	24	647	460	283
01/13/2022	1	550	460	278
01/13/2022	2	550	460	269
01/13/2022	3	550	460	262
01/13/2022	4	550	460	258
01/13/2022	5	550	460	261
01/13/2022	6	620	460	267
01/13/2022	7	647	460	280
01/13/2022	8	647	460	301
01/13/2022	9	647	460	326
01/13/2022	10	647	460	343
01/13/2022	11	647	460	356
01/13/2022	12	647	460	350
01/13/2022	13	647	460	348
01/13/2022	14	647	460	359
01/13/2022	15	647	460	356
01/13/2022	16	647	460	351
01/13/2022	17	647	460	340
01/13/2022	18	647	460	345
01/13/2022	19	647	460	338
01/13/2022	20	647	460	328
01/13/2022	21	647	460	323
01/13/2022	22	647	460	309
01/13/2022	23	647	460	296
01/13/2022	24	647	460	286
01/14/2022	1	647	460	283
01/14/2022	2	647	460	278
01/14/2022	3	550	460	271
01/14/2022	4	550	460	267
01/14/2022	5	550	460	268
01/14/2022	6	620	460	272
01/14/2022	7	647	460	282
01/14/2022	8	647	460	302

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/14/2022	9	647	460	321
01/14/2022	10	647	460	338
01/14/2022	11	647	460	351
01/14/2022	12	647	460	343
01/14/2022	13	647	460	343
01/14/2022	14	647	460	353
01/14/2022	15	647	460	352
01/14/2022	16	647	460	347
01/14/2022	17	647	460	333
01/14/2022	18	647	460	336
01/14/2022	19	647	460	331
01/14/2022	20	647	460	320
01/14/2022	21	647	460	311
01/14/2022	22	647	460	305
01/14/2022	23	647	460	292
01/14/2022	24	647	460	289
01/15/2022	1	647	460	280
01/15/2022	2	647	460	275
01/15/2022	3	647	460	268
01/15/2022	4	647	460	263
01/15/2022	5	647	460	262
01/15/2022	6	647	460	266
01/15/2022	7	647	460	271
01/15/2022	8	647	460	288
01/15/2022	9	647	460	309
01/15/2022	10	647	460	328
01/15/2022	11	647	460	341
01/15/2022	12	647	460	335
01/15/2022	13	647	460	332
01/15/2022	14	647	460	338
01/15/2022	15	647	460	339
01/15/2022	16	647	460	332
01/15/2022	17	647	460	326
01/15/2022	18	647	460	338
01/15/2022	19	647	460	336
01/15/2022	20	647	460	328
01/15/2022	21	647	460	327
01/15/2022	22	647	460	312
01/15/2022	23	647	460	305
01/15/2022	24	647	460	289
01/16/2022	1	500	460	262
01/16/2022	2	460	450	253
01/16/2022	3	460	450	248
01/16/2022	4	460	430	242
01/16/2022	5	460	430	237
01/16/2022	6	460	430	239
01/16/2022	7	460	430	238
01/16/2022	8	460	450	247
01/16/2022	9	500	460	260
01/16/2022	10	550	460	275
01/16/2022	11	647	460	287
01/16/2022	12	647	460	283
01/16/2022	13	647	460	286
01/16/2022	14	647	460	291
01/16/2022	15	647	460	292
01/16/2022	16	647	460	290
01/16/2022	17	647	460	289
01/16/2022	18	647	460	309
01/16/2022	19	647	460	313
01/16/2022	20	647	460	305
01/16/2022	21	647	460	301
01/16/2022	22	647	460	291
01/16/2022	23	647	460	279
01/16/2022	24	647	460	268
01/17/2022	1	647	460	261

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/17/2022	2	647	460	253
01/17/2022	3	647	460	245
01/17/2022	4	647	460	245
01/17/2022	5	647	460	245
01/17/2022	6	647	460	254
01/17/2022	7	647	460	268
01/17/2022	8	647	460	285
01/17/2022	9	647	460	313
01/17/2022	10	647	460	333
01/17/2022	11	647	460	349
01/17/2022	12	647	460	340
01/17/2022	13	647	460	344
01/17/2022	14	647	460	356
01/17/2022	15	647	460	358
01/17/2022	16	647	460	354
01/17/2022	17	647	460	338
01/17/2022	18	647	460	344
01/17/2022	19	647	460	342
01/17/2022	20	647	460	332
01/17/2022	21	647	460	325
01/17/2022	22	647	460	315
01/17/2022	23	647	460	299
01/17/2022	24	647	460	290
01/18/2022	1	647	460	276
01/18/2022	2	647	460	271
01/18/2022	3	550	420	264
01/18/2022	4	550	420	261
01/18/2022	5	550	420	262
01/18/2022	6	550	420	268
01/18/2022	7	600	460	278
01/18/2022	8	647	460	301
01/18/2022	9	647	460	322
01/18/2022	10	647	460	338
01/18/2022	11	647	460	346
01/18/2022	12	647	460	336
01/18/2022	13	647	460	332
01/18/2022	14	647	460	345
01/18/2022	15	647	460	343
01/18/2022	16	647	460	339
01/18/2022	17	647	460	327
01/18/2022	18	647	460	336
01/18/2022	19	647	460	334
01/18/2022	20	647	460	320
01/18/2022	21	647	460	311
01/18/2022	22	647	460	299
01/18/2022	23	647	460	291
01/18/2022	24	647	460	291
01/19/2022	1	647	460	260
01/19/2022	2	647	460	252
01/19/2022	3	550	420	246
01/19/2022	4	550	420	244
01/19/2022	5	550	420	255
01/19/2022	6	550	420	261
01/19/2022	7	600	460	273
01/19/2022	8	647	460	294
01/19/2022	9	647	460	317
01/19/2022	10	647	460	334
01/19/2022	11	647	460	348
01/19/2022	12	647	460	339
01/19/2022	13	647	460	339
01/19/2022	14	647	460	349
01/19/2022	15	647	460	347
01/19/2022	16	647	460	343
01/19/2022	17	647	460	330
01/19/2022	18	647	460	338

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/19/2022	19	647	460	335
01/19/2022	20	647	460	323
01/19/2022	21	647	460	312
01/19/2022	22	647	460	302
01/19/2022	23	647	460	289
01/19/2022	24	647	460	268
01/20/2022	1	480	420	260
01/20/2022	2	480	420	251
01/20/2022	3	480	420	246
01/20/2022	4	480	420	243
01/20/2022	5	480	420	245
01/20/2022	6	480	420	253
01/20/2022	7	480	420	264
01/20/2022	8	550	460	287
01/20/2022	9	647	460	311
01/20/2022	10	647	460	327
01/20/2022	11	647	460	342
01/20/2022	12	647	460	331
01/20/2022	13	647	460	331
01/20/2022	14	647	460	341
01/20/2022	15	647	460	341
01/20/2022	16	647	460	339
01/20/2022	17	647	460	326
01/20/2022	18	647	460	332
01/20/2022	19	647	460	326
01/20/2022	20	647	460	313
01/20/2022	21	647	460	302
01/20/2022	22	647	460	290
01/20/2022	23	647	460	281
01/20/2022	24	647	460	283
01/21/2022	1	480	420	272
01/21/2022	2	480	420	264
01/21/2022	3	480	420	257
01/21/2022	4	480	420	253
01/21/2022	5	480	420	255
01/21/2022	6	480	420	259
01/21/2022	7	480	420	268
01/21/2022	8	550	460	291
01/21/2022	9	647	460	309
01/21/2022	10	647	460	329
01/21/2022	11	647	460	342
01/21/2022	12	647	460	331
01/21/2022	13	647	460	330
01/21/2022	14	647	460	340
01/21/2022	15	647	460	334
01/21/2022	16	647	460	329
01/21/2022	17	647	460	316
01/21/2022	18	647	460	323
01/21/2022	19	647	460	319
01/21/2022	20	647	460	309
01/21/2022	21	647	460	300
01/21/2022	22	647	460	290
01/21/2022	23	647	460	277
01/21/2022	24	647	460	267
01/22/2022	1	600	460	276
01/22/2022	2	600	460	271
01/22/2022	3	600	460	264
01/22/2022	4	600	460	261
01/22/2022	5	600	460	261
01/22/2022	6	600	460	265
01/22/2022	7	647	460	271
01/22/2022	8	647	460	286
01/22/2022	9	647	460	304
01/22/2022	10	647	460	323
01/22/2022	11	647	460	334

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/22/2022	12	647	460	327
01/22/2022	13	647	460	324
01/22/2022	14	647	460	330
01/22/2022	15	647	460	329
01/22/2022	16	647	460	323
01/22/2022	17	647	460	318
01/22/2022	18	647	460	336
01/22/2022	19	647	460	337
01/22/2022	20	647	460	326
01/22/2022	21	647	460	317
01/22/2022	22	647	460	305
01/22/2022	23	647	460	294
01/22/2022	24	600	460	260
01/23/2022	1	647	460	249
01/23/2022	2	647	460	246
01/23/2022	3	647	460	239
01/23/2022	4	647	460	236
01/23/2022	5	647	460	233
01/23/2022	6	647	460	233
01/23/2022	7	647	460	237
01/23/2022	8	647	460	246
01/23/2022	9	647	460	259
01/23/2022	10	647	460	274
01/23/2022	11	647	460	286
01/23/2022	12	647	460	282
01/23/2022	13	647	460	279
01/23/2022	14	647	460	283
01/23/2022	15	647	460	281
01/23/2022	16	647	460	279
01/23/2022	17	647	460	278
01/23/2022	18	647	460	298
01/23/2022	19	647	460	303
01/23/2022	20	647	460	288
01/23/2022	21	647	460	281
01/23/2022	22	647	460	273
01/23/2022	23	647	460	260
01/23/2022	24	647	460	250
01/24/2022	1	550	460	256
01/24/2022	2	480	460	248
01/24/2022	3	480	460	244
01/24/2022	4	480	460	240
01/24/2022	5	480	460	245
01/24/2022	6	500	460	257
01/24/2022	7	550	460	273
01/24/2022	8	550	460	299
01/24/2022	9	647	460	322
01/24/2022	10	647	460	343
01/24/2022	11	647	460	357
01/24/2022	12	647	460	352
01/24/2022	13	647	460	349
01/24/2022	14	647	460	360
01/24/2022	15	647	460	359
01/24/2022	16	647	460	356
01/24/2022	17	647	460	343
01/24/2022	18	647	460	350
01/24/2022	19	647	460	348
01/24/2022	20	647	460	333
01/24/2022	21	647	460	321
01/24/2022	22	647	460	311
01/24/2022	23	550	460	295
01/24/2022	24	500	460	285
01/25/2022	1	647	460	294
01/25/2022	2	647	460	285
01/25/2022	3	647	460	278
01/25/2022	4	647	460	274

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/25/2022	5	647	460	275
01/25/2022	6	647	460	279
01/25/2022	7	647	460	293
01/25/2022	8	647	460	314
01/25/2022	9	647	460	334
01/25/2022	10	647	460	355
01/25/2022	11	647	460	375
01/25/2022	12	647	460	368
01/25/2022	13	647	460	363
01/25/2022	14	647	460	363
01/25/2022	15	647	460	363
01/25/2022	16	647	460	363
01/25/2022	17	647	460	360
01/25/2022	18	647	460	363
01/25/2022	19	647	460	358
01/25/2022	20	647	460	353
01/25/2022	21	647	460	345
01/25/2022	22	647	460	326
01/25/2022	23	647	460	319
01/25/2022	24	647	460	273
01/26/2022	1	647	600	277
01/26/2022	2	647	600	265
01/26/2022	3	647	600	260
01/26/2022	4	647	600	256
01/26/2022	5	647	600	259
01/26/2022	6	647	600	268
01/26/2022	7	647	600	283
01/26/2022	8	647	600	311
01/26/2022	9	647	600	337
01/26/2022	10	647	600	358
01/26/2022	11	647	600	374
01/26/2022	12	647	600	368
01/26/2022	13	647	600	367
01/26/2022	14	647	600	373
01/26/2022	15	647	600	371
01/26/2022	16	647	600	372
01/26/2022	17	647	600	357
01/26/2022	18	647	600	357
01/26/2022	19	647	600	357
01/26/2022	20	647	600	347
01/26/2022	21	647	600	339
01/26/2022	22	647	600	331
01/26/2022	23	647	600	318
01/26/2022	24	647	600	286
01/27/2022	1	668	600	297
01/27/2022	2	668	600	285
01/27/2022	3	668	600	277
01/27/2022	4	668	600	275
01/27/2022	5	668	600	273
01/27/2022	6	668	600	280
01/27/2022	7	668	600	293
01/27/2022	8	668	600	315
01/27/2022	9	668	600	340
01/27/2022	10	668	600	365
01/27/2022	11	668	600	375
01/27/2022	12	668	600	368
01/27/2022	13	668	600	364
01/27/2022	14	668	600	376
01/27/2022	15	668	600	374
01/27/2022	16	668	600	372
01/27/2022	17	668	600	356
01/27/2022	18	668	600	355
01/27/2022	19	668	600	355
01/27/2022	20	668	600	346
01/27/2022	21	668	600	339

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/27/2022	22	668	600	332
01/27/2022	23	668	600	320
01/27/2022	24	668	600	285
01/28/2022	1	640	600	297
01/28/2022	2	640	550	285
01/28/2022	3	640	480	277
01/28/2022	4	640	480	275
01/28/2022	5	640	480	273
01/28/2022	6	640	550	280
01/28/2022	7	640	600	293
01/28/2022	8	668	600	315
01/28/2022	9	668	600	336
01/28/2022	10	668	600	354
01/28/2022	11	668	600	364
01/28/2022	12	668	600	365
01/28/2022	13	668	600	370
01/28/2022	14	668	600	376
01/28/2022	15	668	600	373
01/28/2022	16	668	600	370
01/28/2022	17	668	600	356
01/28/2022	18	668	600	348
01/28/2022	19	668	600	347
01/28/2022	20	668	600	339
01/28/2022	21	668	600	331
01/28/2022	22	668	600	323
01/28/2022	23	668	600	314
01/28/2022	24	668	600	290
01/29/2022	1	668	600	295
01/29/2022	2	668	550	287
01/29/2022	3	668	480	279
01/29/2022	4	668	480	275
01/29/2022	5	668	480	275
01/29/2022	6	668	480	270
01/29/2022	7	668	480	283
01/29/2022	8	668	550	311
01/29/2022	9	668	600	336
01/29/2022	10	668	600	357
01/29/2022	11	668	600	373
01/29/2022	12	668	600	367
01/29/2022	13	668	600	366
01/29/2022	14	668	600	373
01/29/2022	15	668	600	370
01/29/2022	16	668	600	371
01/29/2022	17	668	600	356
01/29/2022	18	668	600	356
01/29/2022	19	668	600	357
01/29/2022	20	668	600	347
01/29/2022	21	668	600	339
01/29/2022	22	668	600	331
01/29/2022	23	668	600	318
01/29/2022	24	668	600	297
01/30/2022	1	668	600	292
01/30/2022	2	668	550	285
01/30/2022	3	608	480	275
01/30/2022	4	550	480	270
01/30/2022	5	550	480	268
01/30/2022	6	550	480	264
01/30/2022	7	550	480	263
01/30/2022	8	550	480	271
01/30/2022	9	550	500	284
01/30/2022	10	630	560	302
01/30/2022	11	668	600	312
01/30/2022	12	668	600	312
01/30/2022	13	668	600	312
01/30/2022	14	668	600	315

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
01/30/2022	15	668	600	315
01/30/2022	16	668	600	312
01/30/2022	17	668	600	310
01/30/2022	18	668	600	327
01/30/2022	19	668	600	337
01/30/2022	20	668	600	330
01/30/2022	21	668	600	324
01/30/2022	22	668	600	319
01/30/2022	23	668	600	305
01/30/2022	24	668	600	294
01/31/2022	1	668	600	288
01/31/2022	2	668	550	277
01/31/2022	3	668	480	271
01/31/2022	4	668	480	268
01/31/2022	5	668	480	270
01/31/2022	6	668	480	280
01/31/2022	7	668	550	294
01/31/2022	8	668	600	322
01/31/2022	9	668	600	347
01/31/2022	10	668	600	368
01/31/2022	11	668	600	384
01/31/2022	12	668	600	378
01/31/2022	13	668	600	377
01/31/2022	14	668	600	383
01/31/2022	15	668	600	381
01/31/2022	16	668	600	382
01/31/2022	17	668	600	367
01/31/2022	18	668	600	367
01/31/2022	19	668	600	368
01/31/2022	20	668	600	358
01/31/2022	21	668	600	348
01/31/2022	22	668	600	341
01/31/2022	23	668	600	328
01/31/2022	24	668	600	317
02/01/2022	1	480	460	283
02/01/2022	2	480	460	273
02/01/2022	3	480	460	269
02/01/2022	4	480	460	266
02/01/2022	5	480	460	263
02/01/2022	6	480	460	263
02/01/2022	7	450	420	262
02/01/2022	8	480	460	279
02/01/2022	9	500	490	299
02/01/2022	10	540	500	320
02/01/2022	11	555	540	335
02/01/2022	12	600	540	331
02/01/2022	13	600	540	332
02/01/2022	14	600	540	342
02/01/2022	15	600	540	337
02/01/2022	16	600	540	329
02/01/2022	17	600	510	314
02/01/2022	18	600	540	326
02/01/2022	19	668	600	340
02/01/2022	20	640	600	332
02/01/2022	21	640	600	330
02/01/2022	22	640	600	322
02/01/2022	23	600	560	313
02/01/2022	24	600	530	288
02/02/2022	1	668	600	307
02/02/2022	2	668	550	297
02/02/2022	3	668	480	290
02/02/2022	4	668	480	289
02/02/2022	5	668	480	289
02/02/2022	6	668	480	295
02/02/2022	7	668	550	307

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/02/2022	8	668	600	329
02/02/2022	9	668	600	351
02/02/2022	10	668	600	365
02/02/2022	11	668	600	381
02/02/2022	12	668	600	371
02/02/2022	13	668	600	367
02/02/2022	14	668	600	379
02/02/2022	15	668	600	378
02/02/2022	16	668	600	368
02/02/2022	17	668	600	359
02/02/2022	18	668	600	366
02/02/2022	19	668	600	363
02/02/2022	20	668	600	356
02/02/2022	21	668	600	348
02/02/2022	22	668	600	337
02/02/2022	23	668	600	327
02/02/2022	24	668	600	315
02/03/2022	1	550	520	259
02/03/2022	2	480	480	248
02/03/2022	3	360	320	247
02/03/2022	4	360	320	240
02/03/2022	5	360	320	240
02/03/2022	6	480	320	251
02/03/2022	7	550	350	263
02/03/2022	8	668	480	289
02/03/2022	9	668	550	317
02/03/2022	10	668	550	342
02/03/2022	11	668	600	352
02/03/2022	12	668	600	348
02/03/2022	13	668	600	347
02/03/2022	14	668	600	358
02/03/2022	15	668	600	356
02/03/2022	16	668	600	349
02/03/2022	17	668	600	331
02/03/2022	18	668	600	328
02/03/2022	19	668	550	333
02/03/2022	20	668	550	320
02/03/2022	21	668	550	314
02/03/2022	22	668	550	305
02/03/2022	23	668	480	294
02/03/2022	24	668	480	304
02/04/2022	1	550	520	296
02/04/2022	2	480	480	286
02/04/2022	3	360	350	280
02/04/2022	4	360	350	278
02/04/2022	5	360	350	278
02/04/2022	6	480	350	284
02/04/2022	7	550	350	296
02/04/2022	8	668	480	318
02/04/2022	9	668	550	339
02/04/2022	10	668	550	354
02/04/2022	11	668	600	369
02/04/2022	12	668	600	360
02/04/2022	13	668	600	355
02/04/2022	14	668	600	368
02/04/2022	15	668	600	367
02/04/2022	16	668	600	357
02/04/2022	17	668	600	348
02/04/2022	18	668	600	355
02/04/2022	19	668	550	352
02/04/2022	20	668	550	345
02/04/2022	21	668	550	336
02/04/2022	22	668	550	326
02/04/2022	23	668	480	315
02/04/2022	24	668	480	312

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/05/2022	1	550	520	280
02/05/2022	2	480	480	276
02/05/2022	3	360	350	264
02/05/2022	4	360	350	256
02/05/2022	5	360	350	254
02/05/2022	6	480	350	252
02/05/2022	7	480	350	257
02/05/2022	8	480	480	270
02/05/2022	9	550	550	292
02/05/2022	10	668	550	313
02/05/2022	11	668	600	325
02/05/2022	12	668	600	322
02/05/2022	13	668	600	325
02/05/2022	14	668	600	336
02/05/2022	15	668	600	331
02/05/2022	16	668	600	323
02/05/2022	17	668	600	310
02/05/2022	18	668	600	320
02/05/2022	19	668	600	331
02/05/2022	20	668	550	319
02/05/2022	21	668	550	325
02/05/2022	22	668	550	316
02/05/2022	23	668	480	302
02/05/2022	24	668	480	310
02/06/2022	1	480	460	298
02/06/2022	2	480	460	284
02/06/2022	3	480	460	277
02/06/2022	4	480	460	272
02/06/2022	5	480	430	264
02/06/2022	6	480	420	264
02/06/2022	7	450	390	257
02/06/2022	8	450	430	267
02/06/2022	9	480	450	280
02/06/2022	10	500	480	295
02/06/2022	11	555	480	306
02/06/2022	12	600	500	303
02/06/2022	13	600	500	301
02/06/2022	14	600	500	304
02/06/2022	15	600	540	300
02/06/2022	16	600	540	294
02/06/2022	17	600	510	288
02/06/2022	18	668	550	301
02/06/2022	19	668	600	315
02/06/2022	20	640	600	307
02/06/2022	21	640	600	304
02/06/2022	22	600	600	298
02/06/2022	23	560	550	285
02/06/2022	24	560	520	276
02/07/2022	1	550	520	280
02/07/2022	2	480	480	269
02/07/2022	3	382	382	268
02/07/2022	4	382	382	261
02/07/2022	5	382	382	260
02/07/2022	6	480	480	270
02/07/2022	7	550	550	283
02/07/2022	8	668	600	308
02/07/2022	9	668	600	335
02/07/2022	10	668	600	360
02/07/2022	11	668	600	369
02/07/2022	12	668	600	365
02/07/2022	13	668	600	364
02/07/2022	14	668	600	375
02/07/2022	15	668	600	373
02/07/2022	16	668	600	365
02/07/2022	17	668	600	348

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/07/2022	18	668	600	344
02/07/2022	19	668	600	349
02/07/2022	20	668	600	336
02/07/2022	21	668	600	330
02/07/2022	22	668	600	320
02/07/2022	23	668	550	310
02/07/2022	24	668	480	300
02/08/2022	1	550	520	298
02/08/2022	2	480	480	287
02/08/2022	3	360	356	278
02/08/2022	4	360	350	276
02/08/2022	5	480	350	274
02/08/2022	6	550	480	281
02/08/2022	7	550	550	294
02/08/2022	8	668	600	316
02/08/2022	9	668	600	341
02/08/2022	10	668	600	367
02/08/2022	11	668	600	376
02/08/2022	12	668	600	370
02/08/2022	13	668	600	366
02/08/2022	14	668	600	375
02/08/2022	15	668	600	375
02/08/2022	16	668	600	374
02/08/2022	17	668	600	358
02/08/2022	18	668	600	357
02/08/2022	19	668	600	356
02/08/2022	20	668	600	348
02/08/2022	21	668	600	341
02/08/2022	22	668	600	334
02/08/2022	23	668	550	321
02/08/2022	24	668	480	310
02/09/2022	1	550	520	300
02/09/2022	2	480	480	293
02/09/2022	3	360	350	285
02/09/2022	4	360	350	284
02/09/2022	5	480	350	285
02/09/2022	6	550	480	292
02/09/2022	7	550	550	308
02/09/2022	8	668	600	329
02/09/2022	9	668	600	354
02/09/2022	10	668	600	373
02/09/2022	11	668	600	387
02/09/2022	12	668	600	378
02/09/2022	13	668	600	375
02/09/2022	14	668	600	388
02/09/2022	15	668	600	386
02/09/2022	16	668	600	380
02/09/2022	17	668	600	368
02/09/2022	18	668	600	376
02/09/2022	19	668	600	373
02/09/2022	20	668	600	360
02/09/2022	21	668	600	353
02/09/2022	22	668	600	341
02/09/2022	23	668	550	328
02/09/2022	24	668	480	316
02/10/2022	1	560	550	303
02/10/2022	2	480	460	293
02/10/2022	3	390	380	286
02/10/2022	4	390	380	279
02/10/2022	5	390	380	278
02/10/2022	6	480	480	284
02/10/2022	7	560	550	297
02/10/2022	8	668	600	322
02/10/2022	9	668	600	352
02/10/2022	10	668	600	372

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/10/2022	11	668	600	386
02/10/2022	12	668	600	379
02/10/2022	13	668	600	381
02/10/2022	14	668	600	393
02/10/2022	15	668	600	390
02/10/2022	16	668	600	382
02/10/2022	17	668	600	364
02/10/2022	18	668	600	365
02/10/2022	19	668	600	369
02/10/2022	20	668	600	360
02/10/2022	21	668	600	353
02/10/2022	22	668	600	338
02/10/2022	23	668	600	326
02/10/2022	24	668	600	313
02/11/2022	1	560	550	296
02/11/2022	2	480	460	288
02/11/2022	3	390	380	280
02/11/2022	4	390	380	276
02/11/2022	5	390	380	278
02/11/2022	6	480	460	285
02/11/2022	7	560	550	296
02/11/2022	8	668	600	320
02/11/2022	9	668	600	347
02/11/2022	10	668	600	367
02/11/2022	11	668	600	383
02/11/2022	12	668	600	375
02/11/2022	13	668	600	376
02/11/2022	14	668	600	388
02/11/2022	15	668	600	388
02/11/2022	16	668	600	382
02/11/2022	17	668	600	365
02/11/2022	18	668	600	360
02/11/2022	19	668	600	367
02/11/2022	20	668	600	358
02/11/2022	21	668	600	351
02/11/2022	22	668	600	339
02/11/2022	23	668	600	327
02/11/2022	24	668	600	313
02/12/2022	1	560	550	285
02/12/2022	2	480	460	277
02/12/2022	3	390	380	267
02/12/2022	4	390	380	260
02/12/2022	5	390	380	259
02/12/2022	6	390	380	259
02/12/2022	7	390	380	262
02/12/2022	8	480	460	278
02/12/2022	9	560	550	300
02/12/2022	10	668	600	323
02/12/2022	11	668	600	333
02/12/2022	12	668	600	329
02/12/2022	13	668	600	328
02/12/2022	14	668	600	337
02/12/2022	15	668	600	334
02/12/2022	16	668	600	326
02/12/2022	17	668	600	315
02/12/2022	18	668	600	325
02/12/2022	19	668	600	333
02/12/2022	20	668	600	329
02/12/2022	21	560	550	325
02/12/2022	22	560	460	315
02/12/2022	23	560	460	307
02/12/2022	24	560	460	281
02/13/2022	1	480	400	284
02/13/2022	2	480	400	277
02/13/2022	3	480	400	268

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/13/2022	4	480	400	263
02/13/2022	5	480	400	261
02/13/2022	6	480	400	259
02/13/2022	7	450	390	255
02/13/2022	8	450	400	264
02/13/2022	9	480	430	273
02/13/2022	10	500	450	292
02/13/2022	11	560	450	304
02/13/2022	12	600	450	297
02/13/2022	13	600	450	297
02/13/2022	14	600	450	303
02/13/2022	15	600	500	301
02/13/2022	16	600	500	297
02/13/2022	17	600	500	296
02/13/2022	18	668	500	307
02/13/2022	19	668	500	322
02/13/2022	20	640	500	316
02/13/2022	21	640	550	311
02/13/2022	22	600	500	303
02/13/2022	23	560	500	293
02/13/2022	24	560	500	283
02/14/2022	1	560	550	283
02/14/2022	2	480	460	273
02/14/2022	3	390	380	266
02/14/2022	4	390	380	262
02/14/2022	5	390	380	265
02/14/2022	6	390	380	278
02/14/2022	7	480	460	294
02/14/2022	8	560	550	316
02/14/2022	9	600	600	344
02/14/2022	10	668	600	364
02/14/2022	11	668	600	378
02/14/2022	12	668	600	373
02/14/2022	13	668	600	370
02/14/2022	14	668	600	382
02/14/2022	15	668	600	381
02/14/2022	16	668	600	373
02/14/2022	17	668	600	361
02/14/2022	18	668	600	362
02/14/2022	19	668	600	366
02/14/2022	20	668	600	357
02/14/2022	21	668	600	351
02/14/2022	22	668	600	339
02/14/2022	23	560	550	328
02/14/2022	24	560	460	318
02/15/2022	1	550	550	302
02/15/2022	2	500	500	292
02/15/2022	3	500	500	281
02/15/2022	4	500	500	277
02/15/2022	5	500	500	277
02/15/2022	6	500	500	283
02/15/2022	7	500	500	297
02/15/2022	8	550	550	324
02/15/2022	9	600	600	353
02/15/2022	10	600	600	375
02/15/2022	11	600	600	385
02/15/2022	12	600	600	382
02/15/2022	13	600	600	381
02/15/2022	14	600	600	393
02/15/2022	15	600	600	390
02/15/2022	16	600	600	383
02/15/2022	17	600	600	364
02/15/2022	18	600	600	366
02/15/2022	19	600	600	369
02/15/2022	20	600	600	360

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/15/2022	21	600	600	353
02/15/2022	22	600	600	337
02/15/2022	23	550	550	326
02/15/2022	24	550	550	314
02/16/2022	1	550	500	306
02/16/2022	2	480	460	296
02/16/2022	3	390	370	289
02/16/2022	4	390	370	284
02/16/2022	5	390	370	284
02/16/2022	6	390	370	290
02/16/2022	7	480	460	302
02/16/2022	8	550	550	328
02/16/2022	9	668	600	357
02/16/2022	10	668	600	378
02/16/2022	11	668	600	390
02/16/2022	12	668	600	383
02/16/2022	13	668	600	383
02/16/2022	14	668	600	397
02/16/2022	15	668	600	396
02/16/2022	16	668	600	390
02/16/2022	17	668	600	373
02/16/2022	18	668	600	365
02/16/2022	19	668	600	372
02/16/2022	20	668	600	362
02/16/2022	21	668	600	354
02/16/2022	22	668	600	342
02/16/2022	23	668	550	331
02/16/2022	24	668	550	317
02/17/2022	1	550	500	305
02/17/2022	2	480	460	295
02/17/2022	3	390	370	288
02/17/2022	4	390	370	281
02/17/2022	5	390	370	280
02/17/2022	6	390	370	287
02/17/2022	7	480	460	299
02/17/2022	8	550	550	325
02/17/2022	9	668	600	355
02/17/2022	10	668	600	376
02/17/2022	11	668	600	389
02/17/2022	12	668	600	383
02/17/2022	13	668	600	383
02/17/2022	14	668	600	396
02/17/2022	15	668	600	395
02/17/2022	16	668	600	387
02/17/2022	17	668	600	371
02/17/2022	18	668	600	361
02/17/2022	19	668	600	370
02/17/2022	20	668	600	359
02/17/2022	21	668	600	353
02/17/2022	22	668	600	341
02/17/2022	23	580	550	329
02/17/2022	24	580	550	315
02/18/2022	1	550	500	304
02/18/2022	2	480	460	294
02/18/2022	3	390	370	287
02/18/2022	4	390	370	283
02/18/2022	5	390	370	283
02/18/2022	6	390	370	288
02/18/2022	7	480	460	298
02/18/2022	8	550	550	322
02/18/2022	9	668	600	348
02/18/2022	10	668	600	368
02/18/2022	11	668	600	381
02/18/2022	12	668	600	373
02/18/2022	13	668	600	376

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/18/2022	14	668	600	389
02/18/2022	15	668	600	388
02/18/2022	16	668	600	380
02/18/2022	17	668	600	362
02/18/2022	18	668	600	360
02/18/2022	19	668	600	364
02/18/2022	20	668	600	356
02/18/2022	21	668	600	349
02/18/2022	22	668	600	337
02/18/2022	23	580	550	326
02/18/2022	24	580	550	314
02/19/2022	1	550	500	310
02/19/2022	2	480	460	301
02/19/2022	3	390	370	292
02/19/2022	4	390	370	284
02/19/2022	5	390	370	283
02/19/2022	6	390	370	283
02/19/2022	7	390	370	286
02/19/2022	8	480	460	302
02/19/2022	9	550	550	324
02/19/2022	10	668	600	346
02/19/2022	11	668	600	357
02/19/2022	12	668	600	351
02/19/2022	13	668	600	351
02/19/2022	14	668	600	361
02/19/2022	15	668	600	358
02/19/2022	16	668	600	349
02/19/2022	17	668	600	339
02/19/2022	18	668	600	347
02/19/2022	19	668	600	357
02/19/2022	20	668	600	352
02/19/2022	21	668	600	346
02/19/2022	22	668	600	336
02/19/2022	23	580	550	329
02/19/2022	24	580	550	317
02/20/2022	1	480	455	295
02/20/2022	2	480	455	286
02/20/2022	3	480	455	276
02/20/2022	4	480	455	272
02/20/2022	5	480	455	268
02/20/2022	6	480	455	266
02/20/2022	7	455	450	266
02/20/2022	8	455	450	270
02/20/2022	9	480	455	283
02/20/2022	10	550	455	303
02/20/2022	11	600	455	313
02/20/2022	12	600	460	310
02/20/2022	13	600	455	308
02/20/2022	14	600	455	310
02/20/2022	15	600	500	311
02/20/2022	16	600	500	304
02/20/2022	17	600	550	303
02/20/2022	18	668	600	318
02/20/2022	19	668	600	333
02/20/2022	20	668	600	331
02/20/2022	21	668	600	325
02/20/2022	22	668	600	316
02/20/2022	23	640	550	306
02/20/2022	24	600	500	295
02/21/2022	1	550	500	293
02/21/2022	2	480	460	284
02/21/2022	3	390	370	278
02/21/2022	4	390	370	272
02/21/2022	5	390	370	275
02/21/2022	6	390	370	284

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/21/2022	7	480	460	301
02/21/2022	8	550	550	327
02/21/2022	9	668	600	355
02/21/2022	10	668	600	377
02/21/2022	11	668	600	389
02/21/2022	12	668	600	385
02/21/2022	13	668	600	385
02/21/2022	14	668	600	392
02/21/2022	15	668	600	393
02/21/2022	16	668	600	385
02/21/2022	17	668	600	369
02/21/2022	18	668	600	364
02/21/2022	19	668	600	371
02/21/2022	20	668	600	363
02/21/2022	21	668	600	363
02/21/2022	22	668	600	350
02/21/2022	23	668	600	340
02/21/2022	24	668	600	323
02/22/2022	1	550	500	311
02/22/2022	2	480	460	302
02/22/2022	3	390	370	292
02/22/2022	4	390	370	287
02/22/2022	5	390	370	285
02/22/2022	6	390	370	293
02/22/2022	7	480	460	304
02/22/2022	8	550	550	328
02/22/2022	9	668	600	361
02/22/2022	10	668	600	381
02/22/2022	11	668	600	394
02/22/2022	12	668	600	386
02/22/2022	13	668	600	386
02/22/2022	14	668	600	402
02/22/2022	15	668	600	400
02/22/2022	16	668	600	393
02/22/2022	17	668	600	372
02/22/2022	18	668	600	366
02/22/2022	19	668	600	373
02/22/2022	20	668	600	363
02/22/2022	21	668	600	357
02/22/2022	22	668	600	346
02/22/2022	23	668	600	332
02/22/2022	24	668	600	316
02/23/2022	1	550	500	303
02/23/2022	2	480	460	293
02/23/2022	3	390	370	287
02/23/2022	4	390	370	280
02/23/2022	5	390	370	279
02/23/2022	6	390	370	286
02/23/2022	7	480	460	298
02/23/2022	8	550	550	323
02/23/2022	9	668	600	358
02/23/2022	10	668	600	383
02/23/2022	11	668	600	387
02/23/2022	12	668	600	384
02/23/2022	13	668	600	378
02/23/2022	14	668	600	397
02/23/2022	15	668	600	394
02/23/2022	16	668	600	386
02/23/2022	17	668	600	368
02/23/2022	18	668	600	367
02/23/2022	19	668	600	370
02/23/2022	20	668	600	364
02/23/2022	21	668	600	362
02/23/2022	22	668	600	352
02/23/2022	23	668	600	339

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/23/2022	24	580	550	303
02/24/2022	1	570	550	300
02/24/2022	2	520	500	293
02/24/2022	3	500	460	286
02/24/2022	4	500	460	281
02/24/2022	5	500	460	282
02/24/2022	6	500	460	290
02/24/2022	7	500	460	300
02/24/2022	8	580	550	325
02/24/2022	9	668	600	351
02/24/2022	10	668	600	375
02/24/2022	11	668	600	384
02/24/2022	12	668	600	382
02/24/2022	13	668	600	381
02/24/2022	14	668	600	381
02/24/2022	15	668	600	372
02/24/2022	16	668	600	368
02/24/2022	17	668	600	358
02/24/2022	18	668	600	361
02/24/2022	19	668	600	362
02/24/2022	20	668	600	351
02/24/2022	21	668	600	337
02/24/2022	22	668	600	325
02/24/2022	23	580	550	314
02/24/2022	24	580	500	300
02/25/2022	1	570	550	308
02/25/2022	2	520	500	297
02/25/2022	3	470	460	289
02/25/2022	4	470	460	283
02/25/2022	5	470	460	281
02/25/2022	6	470	460	280
02/25/2022	7	470	460	281
02/25/2022	8	470	460	297
02/25/2022	9	580	550	320
02/25/2022	10	668	600	339
02/25/2022	11	668	600	354
02/25/2022	12	668	600	349
02/25/2022	13	668	600	353
02/25/2022	14	668	600	364
02/25/2022	15	668	600	363
02/25/2022	16	668	600	358
02/25/2022	17	668	600	344
02/25/2022	18	668	600	346
02/25/2022	19	668	600	364
02/25/2022	20	668	600	359
02/25/2022	21	668	600	354
02/25/2022	22	668	600	346
02/25/2022	23	625	600	334
02/25/2022	24	580	500	319
02/26/2022	1	450	400	301
02/26/2022	2	450	400	290
02/26/2022	3	450	380	282
02/26/2022	4	450	380	276
02/26/2022	5	450	380	274
02/26/2022	6	450	380	276
02/26/2022	7	450	380	277
02/26/2022	8	450	380	291
02/26/2022	9	480	420	314
02/26/2022	10	550	400	332
02/26/2022	11	600	450	348
02/26/2022	12	550	500	343
02/26/2022	13	550	550	347
02/26/2022	14	600	600	358
02/26/2022	15	600	550	356
02/26/2022	16	600	550	352

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
02/26/2022	17	668	550	340
02/26/2022	18	668	600	346
02/26/2022	19	668	600	358
02/26/2022	20	668	600	354
02/26/2022	21	600	600	348
02/26/2022	22	600	600	341
02/26/2022	23	600	550	330
02/26/2022	24	600	500	318
02/27/2022	1	600	455	309
02/27/2022	2	600	455	299
02/27/2022	3	550	455	288
02/27/2022	4	500	450	282
02/27/2022	5	450	450	275
02/27/2022	6	450	400	273
02/27/2022	7	450	384	268
02/27/2022	8	450	384	274
02/27/2022	9	450	384	286
02/27/2022	10	500	400	304
02/27/2022	11	550	455	315
02/27/2022	12	600	455	314
02/27/2022	13	600	455	314
02/27/2022	14	600	455	318
02/27/2022	15	600	455	316
02/27/2022	16	600	455	313
02/27/2022	17	600	455	306
02/27/2022	18	600	455	320
02/27/2022	19	600	455	337
02/27/2022	20	600	460	334
02/27/2022	21	600	550	328
02/27/2022	22	668	600	320
02/27/2022	23	600	550	310
02/27/2022	24	600	500	297
02/28/2022	1	570	550	293
02/28/2022	2	520	500	284
02/28/2022	3	470	460	276
02/28/2022	4	470	460	272
02/28/2022	5	470	460	273
02/28/2022	6	470	460	283
02/28/2022	7	580	550	297
02/28/2022	8	668	600	326
02/28/2022	9	668	600	357
02/28/2022	10	668	600	382
02/28/2022	11	668	600	390
02/28/2022	12	668	600	384
02/28/2022	13	668	600	379
02/28/2022	14	668	600	394
02/28/2022	15	668	600	394
02/28/2022	16	668	600	386
02/28/2022	17	668	600	367
02/28/2022	18	668	600	367
02/28/2022	19	668	600	372
02/28/2022	20	668	600	364
02/28/2022	21	668	600	362
02/28/2022	22	668	600	352
02/28/2022	23	625	600	340
02/28/2022	24	580	500	327
03/01/2022	1	570	550	306
03/01/2022	2	520	500	295
03/01/2022	3	470	460	283
03/01/2022	4	470	460	279
03/01/2022	5	470	460	280
03/01/2022	6	470	460	287
03/01/2022	7	470	460	301
03/01/2022	8	580	550	328
03/01/2022	9	668	600	358

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/01/2022	10	668	600	379
03/01/2022	11	668	600	390
03/01/2022	12	668	600	387
03/01/2022	13	668	600	386
03/01/2022	14	668	600	398
03/01/2022	15	668	600	395
03/01/2022	16	668	600	388
03/01/2022	17	668	600	368
03/01/2022	18	668	600	370
03/01/2022	19	668	600	374
03/01/2022	20	668	600	364
03/01/2022	21	668	600	357
03/01/2022	22	580	500	342
03/01/2022	23	490	460	331
03/01/2022	24	490	460	319
03/02/2022	1	668	450	308
03/02/2022	2	500	400	296
03/02/2022	3	330	320	290
03/02/2022	4	330	250	286
03/02/2022	5	500	250	285
03/02/2022	6	668	250	291
03/02/2022	7	668	380	301
03/02/2022	8	668	450	325
03/02/2022	9	668	550	356
03/02/2022	10	668	600	375
03/02/2022	11	668	600	390
03/02/2022	12	668	600	382
03/02/2022	13	668	600	382
03/02/2022	14	668	600	397
03/02/2022	15	668	600	395
03/02/2022	16	668	600	392
03/02/2022	17	668	600	373
03/02/2022	18	668	600	362
03/02/2022	19	668	600	376
03/02/2022	20	668	600	364
03/02/2022	21	668	600	358
03/02/2022	22	580	500	349
03/02/2022	23	490	460	334
03/02/2022	24	490	460	313
03/03/2022	1	668	450	299
03/03/2022	2	500	400	289
03/03/2022	3	330	320	281
03/03/2022	4	330	320	278
03/03/2022	5	500	320	278
03/03/2022	6	668	320	288
03/03/2022	7	668	320	297
03/03/2022	8	668	450	324
03/03/2022	9	668	550	354
03/03/2022	10	668	600	374
03/03/2022	11	668	600	392
03/03/2022	12	668	600	381
03/03/2022	13	668	600	383
03/03/2022	14	668	600	402
03/03/2022	15	668	600	395
03/03/2022	16	668	600	389
03/03/2022	17	668	600	369
03/03/2022	18	668	600	354
03/03/2022	19	668	600	363
03/03/2022	20	668	600	353
03/03/2022	21	668	600	347
03/03/2022	22	580	500	342
03/03/2022	23	490	460	331
03/03/2022	24	490	460	316
03/04/2022	1	668	450	316
03/04/2022	2	550	450	307

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/04/2022	3	500	400	299
03/04/2022	4	500	400	296
03/04/2022	5	500	400	297
03/04/2022	6	550	400	301
03/04/2022	7	668	400	313
03/04/2022	8	668	550	339
03/04/2022	9	668	600	367
03/04/2022	10	668	600	390
03/04/2022	11	668	600	407
03/04/2022	12	668	600	391
03/04/2022	13	668	600	396
03/04/2022	14	668	600	411
03/04/2022	15	668	600	408
03/04/2022	16	668	600	401
03/04/2022	17	668	600	382
03/04/2022	18	668	600	377
03/04/2022	19	668	600	389
03/04/2022	20	668	600	377
03/04/2022	21	668	600	370
03/04/2022	22	668	600	359
03/04/2022	23	668	600	345
03/04/2022	24	550	500	320
03/05/2022	1	668	450	319
03/05/2022	2	550	450	308
03/05/2022	3	500	400	300
03/05/2022	4	500	400	295
03/05/2022	5	500	400	292
03/05/2022	6	550	400	294
03/05/2022	7	668	400	295
03/05/2022	8	668	550	309
03/05/2022	9	668	600	333
03/05/2022	10	668	600	353
03/05/2022	11	668	600	369
03/05/2022	12	668	600	364
03/05/2022	13	668	600	367
03/05/2022	14	668	600	379
03/05/2022	15	668	600	377
03/05/2022	16	668	600	372
03/05/2022	17	668	600	361
03/05/2022	18	668	600	367
03/05/2022	19	668	600	379
03/05/2022	20	668	600	374
03/05/2022	21	668	600	367
03/05/2022	22	668	600	360
03/05/2022	23	668	600	348
03/05/2022	24	550	500	333
03/06/2022	1	550	550	296
03/06/2022	2	500	500	288
03/06/2022	3	460	460	281
03/06/2022	4	460	460	273
03/06/2022	5	460	460	271
03/06/2022	6	440	430	268
03/06/2022	7	410	400	267
03/06/2022	8	430	401	274
03/06/2022	9	480	445	288
03/06/2022	10	530	455	309
03/06/2022	11	550	500	318
03/06/2022	12	550	500	315
03/06/2022	13	600	550	318
03/06/2022	14	668	550	323
03/06/2022	15	668	550	320
03/06/2022	16	668	530	318
03/06/2022	17	668	550	314
03/06/2022	18	668	550	324
03/06/2022	19	668	600	345

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/06/2022	20	668	600	339
03/06/2022	21	668	600	327
03/06/2022	22	615	500	323
03/06/2022	23	550	460	313
03/06/2022	24	500	460	301
03/07/2022	1	480	390	298
03/07/2022	2	480	390	287
03/07/2022	3	480	390	276
03/07/2022	4	480	390	273
03/07/2022	5	480	390	275
03/07/2022	6	550	390	285
03/07/2022	7	668	450	300
03/07/2022	8	668	550	330
03/07/2022	9	668	600	364
03/07/2022	10	668	600	384
03/07/2022	11	668	600	398
03/07/2022	12	668	600	391
03/07/2022	13	668	600	392
03/07/2022	14	668	600	405
03/07/2022	15	668	600	403
03/07/2022	16	668	600	400
03/07/2022	17	668	600	382
03/07/2022	18	668	600	372
03/07/2022	19	668	600	383
03/07/2022	20	668	600	373
03/07/2022	21	668	600	367
03/07/2022	22	668	600	359
03/07/2022	23	668	600	343
03/07/2022	24	550	500	331
03/08/2022	1	668	350	319
03/08/2022	2	500	350	310
03/08/2022	3	350	350	299
03/08/2022	4	500	350	292
03/08/2022	5	668	350	297
03/08/2022	6	668	450	301
03/08/2022	7	668	600	312
03/08/2022	8	668	600	338
03/08/2022	9	668	600	366
03/08/2022	10	668	600	382
03/08/2022	11	668	600	395
03/08/2022	12	668	600	388
03/08/2022	13	668	600	388
03/08/2022	14	668	600	406
03/08/2022	15	668	600	404
03/08/2022	16	668	600	395
03/08/2022	17	668	600	373
03/08/2022	18	668	600	364
03/08/2022	19	668	600	375
03/08/2022	20	668	600	366
03/08/2022	21	668	600	360
03/08/2022	22	668	600	346
03/08/2022	23	550	500	333
03/08/2022	24	550	500	319
03/09/2022	1	668	350	317
03/09/2022	2	500	350	309
03/09/2022	3	350	350	300
03/09/2022	4	500	350	293
03/09/2022	5	668	350	296
03/09/2022	6	668	450	303
03/09/2022	7	668	600	311
03/09/2022	8	668	600	340
03/09/2022	9	668	600	368
03/09/2022	10	668	600	394
03/09/2022	11	668	600	410
03/09/2022	12	668	600	401

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/09/2022	13	668	600	408
03/09/2022	14	668	600	424
03/09/2022	15	668	600	420
03/09/2022	16	668	600	416
03/09/2022	17	668	600	395
03/09/2022	18	668	600	381
03/09/2022	19	668	600	394
03/09/2022	20	668	600	390
03/09/2022	21	668	600	386
03/09/2022	22	668	600	373
03/09/2022	23	550	500	363
03/09/2022	24	550	500	334
03/10/2022	1	550	550	324
03/10/2022	2	500	500	314
03/10/2022	3	460	460	303
03/10/2022	4	460	460	296
03/10/2022	5	460	460	296
03/10/2022	6	455	440	300
03/10/2022	7	500	455	308
03/10/2022	8	550	460	334
03/10/2022	9	668	550	365
03/10/2022	10	668	600	388
03/10/2022	11	668	600	401
03/10/2022	12	668	600	391
03/10/2022	13	668	600	394
03/10/2022	14	668	600	410
03/10/2022	15	668	600	406
03/10/2022	16	668	600	398
03/10/2022	17	668	600	377
03/10/2022	18	668	600	368
03/10/2022	19	668	600	381
03/10/2022	20	668	600	372
03/10/2022	21	668	600	368
03/10/2022	22	668	550	358
03/10/2022	23	600	500	342
03/10/2022	24	500	460	333
03/11/2022	1	668	480	316
03/11/2022	2	500	350	301
03/11/2022	3	350	350	296
03/11/2022	4	500	350	291
03/11/2022	5	668	350	291
03/11/2022	6	668	350	295
03/11/2022	7	668	350	301
03/11/2022	8	668	480	332
03/11/2022	9	668	600	358
03/11/2022	10	668	600	383
03/11/2022	11	668	600	390
03/11/2022	12	668	600	383
03/11/2022	13	668	600	394
03/11/2022	14	668	600	407
03/11/2022	15	668	600	408
03/11/2022	16	668	600	401
03/11/2022	17	668	600	378
03/11/2022	18	668	600	374
03/11/2022	19	668	600	377
03/11/2022	20	668	600	375
03/11/2022	21	668	600	373
03/11/2022	22	668	600	360
03/11/2022	23	668	580	349
03/11/2022	24	590	580	339
03/12/2022	1	668	480	325
03/12/2022	2	500	350	313
03/12/2022	3	350	350	304
03/12/2022	4	500	350	294
03/12/2022	5	668	350	291

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/12/2022	6	668	350	290
03/12/2022	7	668	350	292
03/12/2022	8	668	480	309
03/12/2022	9	668	600	334
03/12/2022	10	668	600	355
03/12/2022	11	668	600	367
03/12/2022	12	668	600	360
03/12/2022	13	668	600	364
03/12/2022	14	668	600	376
03/12/2022	15	668	600	373
03/12/2022	16	668	600	371
03/12/2022	17	668	600	356
03/12/2022	18	668	600	351
03/12/2022	19	668	600	373
03/12/2022	20	668	600	369
03/12/2022	21	668	600	367
03/12/2022	22	668	600	361
03/12/2022	23	668	580	349
03/12/2022	24	590	580	335
03/13/2022	1	550	550	324
03/13/2022	2	500	500	314
03/13/2022	3	460	460	303
03/13/2022	4	460	460	293
03/13/2022	5	450	400	288
03/13/2022	6	455	400	282
03/13/2022	7	455	400	276
03/13/2022	8	450	440	283
03/13/2022	9	500	500	302
03/13/2022	10	550	520	321
03/13/2022	11	550	550	332
03/13/2022	12	545	500	330
03/13/2022	13	550	545	334
03/13/2022	14	600	600	343
03/13/2022	15	600	600	343
03/13/2022	16	600	600	336
03/13/2022	17	600	550	326
03/13/2022	18	600	600	333
03/13/2022	19	668	600	355
03/13/2022	20	668	600	349
03/13/2022	21	668	600	348
03/13/2022	22	668	550	342
03/13/2022	23	600	500	330
03/13/2022	24	550	455	316
03/14/2022	1	500	480	305
03/14/2022	2	500	350	292
03/14/2022	3	350	350	280
03/14/2022	4	500	350	279
03/14/2022	5	668	350	278
03/14/2022	6	668	350	287
03/14/2022	7	668	350	301
03/14/2022	8	668	480	331
03/14/2022	9	668	600	358
03/14/2022	10	668	600	382
03/14/2022	11	668	600	395
03/14/2022	12	668	600	390
03/14/2022	13	668	600	395
03/14/2022	14	668	600	413
03/14/2022	15	668	600	413
03/14/2022	16	668	600	407
03/14/2022	17	668	600	389
03/14/2022	18	668	600	377
03/14/2022	19	668	600	389
03/14/2022	20	668	600	383
03/14/2022	21	668	600	379
03/14/2022	22	668	600	369

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/14/2022	23	668	600	358
03/14/2022	24	668	600	343
03/15/2022	1	668	600	335
03/15/2022	2	550	520	324
03/15/2022	3	380	350	313
03/15/2022	4	380	350	306
03/15/2022	5	380	350	307
03/15/2022	6	550	480	310
03/15/2022	7	668	550	316
03/15/2022	8	668	600	339
03/15/2022	9	668	600	370
03/15/2022	10	668	600	393
03/15/2022	11	668	600	408
03/15/2022	12	668	600	400
03/15/2022	13	668	600	405
03/15/2022	14	668	600	419
03/15/2022	15	668	600	412
03/15/2022	16	668	600	406
03/15/2022	17	668	600	384
03/15/2022	18	668	600	373
03/15/2022	19	668	600	383
03/15/2022	20	668	600	375
03/15/2022	21	668	600	371
03/15/2022	22	668	600	360
03/15/2022	23	668	600	348
03/15/2022	24	668	600	335
03/16/2022	1	668	600	336
03/16/2022	2	550	520	324
03/16/2022	3	390	380	317
03/16/2022	4	390	380	312
03/16/2022	5	390	380	306
03/16/2022	6	550	480	313
03/16/2022	7	668	550	321
03/16/2022	8	668	600	350
03/16/2022	9	668	600	383
03/16/2022	10	668	600	398
03/16/2022	11	668	600	422
03/16/2022	12	668	600	412
03/16/2022	13	668	600	415
03/16/2022	14	668	600	431
03/16/2022	15	668	600	425
03/16/2022	16	668	600	420
03/16/2022	17	668	600	400
03/16/2022	18	668	600	387
03/16/2022	19	668	600	392
03/16/2022	20	668	600	385
03/16/2022	21	668	600	386
03/16/2022	22	668	600	377
03/16/2022	23	668	600	364
03/16/2022	24	668	600	325
03/17/2022	1	550	550	336
03/17/2022	2	470	470	325
03/17/2022	3	470	470	317
03/17/2022	4	470	470	312
03/17/2022	5	470	470	305
03/17/2022	6	470	470	313
03/17/2022	7	470	470	322
03/17/2022	8	550	550	350
03/17/2022	9	600	600	384
03/17/2022	10	600	600	407
03/17/2022	11	600	600	422
03/17/2022	12	600	600	417
03/17/2022	13	600	600	423
03/17/2022	14	600	600	442
03/17/2022	15	600	600	440

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/17/2022	16	600	600	405
03/17/2022	17	600	600	429
03/17/2022	18	600	600	403
03/17/2022	19	600	600	391
03/17/2022	20	600	600	402
03/17/2022	21	600	600	400
03/17/2022	22	600	600	388
03/17/2022	23	600	600	377
03/17/2022	24	600	600	358
03/18/2022	1	560	550	345
03/18/2022	2	470	460	332
03/18/2022	3	470	460	321
03/18/2022	4	470	460	316
03/18/2022	5	470	460	313
03/18/2022	6	470	460	317
03/18/2022	7	470	460	323
03/18/2022	8	560	550	357
03/18/2022	9	668	600	389
03/18/2022	10	668	600	414
03/18/2022	11	668	600	423
03/18/2022	12	668	600	419
03/18/2022	13	668	600	420
03/18/2022	14	668	600	436
03/18/2022	15	668	600	438
03/18/2022	16	668	600	428
03/18/2022	17	668	600	402
03/18/2022	18	668	600	392
03/18/2022	19	668	600	392
03/18/2022	20	668	600	391
03/18/2022	21	668	600	397
03/18/2022	22	668	600	385
03/18/2022	23	668	600	375
03/18/2022	24	668	600	351
03/19/2022	1	600	600	351
03/19/2022	2	600	600	342
03/19/2022	3	580	580	328
03/19/2022	4	460	460	320
03/19/2022	5	460	460	318
03/19/2022	6	460	460	319
03/19/2022	7	460	460	322
03/19/2022	8	460	460	337
03/19/2022	9	550	550	355
03/19/2022	10	600	600	379
03/19/2022	11	600	600	394
03/19/2022	12	600	600	387
03/19/2022	13	600	600	393
03/19/2022	14	600	600	406
03/19/2022	15	600	600	401
03/19/2022	16	600	600	397
03/19/2022	17	600	600	382
03/19/2022	18	600	600	376
03/19/2022	19	600	600	389
03/19/2022	20	600	600	389
03/19/2022	21	600	600	389
03/19/2022	22	600	600	381
03/19/2022	23	600	600	373
03/19/2022	24	600	600	372
03/20/2022	1	600	600	353
03/20/2022	2	600	600	340
03/20/2022	3	550	550	324
03/20/2022	4	500	500	314
03/20/2022	5	455	450	308
03/20/2022	6	455	420	299
03/20/2022	7	420	418	295
03/20/2022	8	455	450	302

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/20/2022	9	500	455	317
03/20/2022	10	550	520	337
03/20/2022	11	550	520	347
03/20/2022	12	545	500	343
03/20/2022	13	545	520	347
03/20/2022	14	600	600	354
03/20/2022	15	600	550	351
03/20/2022	16	600	550	347
03/20/2022	17	600	550	345
03/20/2022	18	600	600	350
03/20/2022	19	600	600	380
03/20/2022	20	600	600	378
03/20/2022	21	600	600	376
03/20/2022	22	600	600	369
03/20/2022	23	500	460	356
03/20/2022	24	455	450	342
03/21/2022	1	580	550	332
03/21/2022	2	480	465	319
03/21/2022	3	480	465	313
03/21/2022	4	480	465	307
03/21/2022	5	480	465	304
03/21/2022	6	480	465	314
03/21/2022	7	550	465	325
03/21/2022	8	668	465	360
03/21/2022	9	668	550	398
03/21/2022	10	668	600	420
03/21/2022	11	668	600	439
03/21/2022	12	668	600	430
03/21/2022	13	668	600	433
03/21/2022	14	668	600	449
03/21/2022	15	668	600	444
03/21/2022	16	668	600	438
03/21/2022	17	668	600	419
03/21/2022	18	668	600	409
03/21/2022	19	668	600	415
03/21/2022	20	668	600	407
03/21/2022	21	668	600	408
03/21/2022	22	668	600	398
03/21/2022	23	668	600	385
03/21/2022	24	668	600	370
03/22/2022	1	580	550	335
03/22/2022	2	480	465	323
03/22/2022	3	480	465	315
03/22/2022	4	480	465	310
03/22/2022	5	480	465	307
03/22/2022	6	480	465	312
03/22/2022	7	550	465	320
03/22/2022	8	668	550	349
03/22/2022	9	668	600	382
03/22/2022	10	668	600	406
03/22/2022	11	668	600	421
03/22/2022	12	668	600	416
03/22/2022	13	668	600	422
03/22/2022	14	668	600	440
03/22/2022	15	668	600	438
03/22/2022	16	668	600	428
03/22/2022	17	668	600	402
03/22/2022	18	668	600	390
03/22/2022	19	668	600	395
03/22/2022	20	668	600	400
03/22/2022	21	668	600	398
03/22/2022	22	668	600	386
03/22/2022	23	668	600	375
03/22/2022	24	668	550	360
03/23/2022	1	580	550	356

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/23/2022	2	480	465	344
03/23/2022	3	480	465	333
03/23/2022	4	480	465	327
03/23/2022	5	480	465	324
03/23/2022	6	480	465	328
03/23/2022	7	550	465	334
03/23/2022	8	668	550	368
03/23/2022	9	668	600	402
03/23/2022	10	668	600	428
03/23/2022	11	668	600	438
03/23/2022	12	668	600	433
03/23/2022	13	668	600	435
03/23/2022	14	668	600	450
03/23/2022	15	668	600	453
03/23/2022	16	668	600	442
03/23/2022	17	668	600	416
03/23/2022	18	668	600	405
03/23/2022	19	668	600	406
03/23/2022	20	668	600	404
03/23/2022	21	668	600	411
03/23/2022	22	668	600	399
03/23/2022	23	668	600	389
03/23/2022	24	668	550	361
03/24/2022	1	520	465	350
03/24/2022	2	480	465	339
03/24/2022	3	480	465	328
03/24/2022	4	480	465	323
03/24/2022	5	480	465	321
03/24/2022	6	480	465	322
03/24/2022	7	550	465	327
03/24/2022	8	668	550	362
03/24/2022	9	668	600	395
03/24/2022	10	668	600	420
03/24/2022	11	668	600	436
03/24/2022	12	668	600	431
03/24/2022	13	668	600	440
03/24/2022	14	668	600	458
03/24/2022	15	668	600	457
03/24/2022	16	668	600	449
03/24/2022	17	668	600	421
03/24/2022	18	668	600	405
03/24/2022	19	668	600	421
03/24/2022	20	668	600	422
03/24/2022	21	668	600	421
03/24/2022	22	668	600	412
03/24/2022	23	668	600	399
03/24/2022	24	668	550	371
03/25/2022	1	520	465	363
03/25/2022	2	480	465	350
03/25/2022	3	480	465	342
03/25/2022	4	480	465	333
03/25/2022	5	480	465	330
03/25/2022	6	480	465	332
03/25/2022	7	550	465	334
03/25/2022	8	668	550	369
03/25/2022	9	668	600	401
03/25/2022	10	668	600	428
03/25/2022	11	668	600	443
03/25/2022	12	668	600	438
03/25/2022	13	668	600	445
03/25/2022	14	668	600	463
03/25/2022	15	668	600	461
03/25/2022	16	668	600	451
03/25/2022	17	668	600	426
03/25/2022	18	668	600	413

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/25/2022	19	668	600	428
03/25/2022	20	668	600	420
03/25/2022	21	668	600	421
03/25/2022	22	668	600	410
03/25/2022	23	668	600	394
03/25/2022	24	668	550	369
03/26/2022	1	600	600	356
03/26/2022	2	580	580	347
03/26/2022	3	520	520	334
03/26/2022	4	500	500	322
03/26/2022	5	450	450	320
03/26/2022	6	380	380	319
03/26/2022	7	380	380	309
03/26/2022	8	380	380	332
03/26/2022	9	450	450	355
03/26/2022	10	550	550	375
03/26/2022	11	600	600	390
03/26/2022	12	668	600	385
03/26/2022	13	668	600	394
03/26/2022	14	668	600	407
03/26/2022	15	668	600	402
03/26/2022	16	668	600	392
03/26/2022	17	668	600	376
03/26/2022	18	668	600	370
03/26/2022	19	668	600	389
03/26/2022	20	668	600	387
03/26/2022	21	668	600	387
03/26/2022	22	668	600	379
03/26/2022	23	668	600	367
03/26/2022	24	668	550	346
03/27/2022	1	600	600	351
03/27/2022	2	550	550	338
03/27/2022	3	550	550	327
03/27/2022	4	500	500	317
03/27/2022	5	455	450	310
03/27/2022	6	455	420	304
03/27/2022	7	420	418	297
03/27/2022	8	450	420	306
03/27/2022	9	500	455	324
03/27/2022	10	550	520	345
03/27/2022	11	550	520	359
03/27/2022	12	545	500	360
03/27/2022	13	545	520	367
03/27/2022	14	600	600	373
03/27/2022	15	600	590	374
03/27/2022	16	600	550	365
03/27/2022	17	600	600	360
03/27/2022	18	600	600	365
03/27/2022	19	668	600	380
03/27/2022	20	668	600	381
03/27/2022	21	668	600	382
03/27/2022	22	600	600	380
03/27/2022	23	600	500	367
03/27/2022	24	500	455	355
03/28/2022	1	550	520	337
03/28/2022	2	550	500	327
03/28/2022	3	480	460	316
03/28/2022	4	460	420	309
03/28/2022	5	460	420	309
03/28/2022	6	460	420	315
03/28/2022	7	480	460	325
03/28/2022	8	580	550	363
03/28/2022	9	668	600	396
03/28/2022	10	668	600	426
03/28/2022	11	668	600	442

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/28/2022	12	668	600	437
03/28/2022	13	668	600	442
03/28/2022	14	668	600	458
03/28/2022	15	668	600	457
03/28/2022	16	668	600	448
03/28/2022	17	668	600	423
03/28/2022	18	668	600	406
03/28/2022	19	668	600	419
03/28/2022	20	668	600	414
03/28/2022	21	668	600	414
03/28/2022	22	668	600	402
03/28/2022	23	668	600	391
03/28/2022	24	668	600	374
03/29/2022	1	550	520	357
03/29/2022	2	550	500	345
03/29/2022	3	480	450	334
03/29/2022	4	420	380	326
03/29/2022	5	420	380	324
03/29/2022	6	420	380	325
03/29/2022	7	480	450	326
03/29/2022	8	580	550	361
03/29/2022	9	668	600	394
03/29/2022	10	668	600	420
03/29/2022	11	668	600	435
03/29/2022	12	668	600	430
03/29/2022	13	668	600	439
03/29/2022	14	668	600	456
03/29/2022	15	668	600	455
03/29/2022	16	668	600	447
03/29/2022	17	668	600	412
03/29/2022	18	668	600	396
03/29/2022	19	668	600	411
03/29/2022	20	668	600	411
03/29/2022	21	668	600	410
03/29/2022	22	668	600	402
03/29/2022	23	668	600	389
03/29/2022	24	668	600	372
03/30/2022	1	550	520	360
03/30/2022	2	550	500	347
03/30/2022	3	480	450	335
03/30/2022	4	420	420	325
03/30/2022	5	420	380	323
03/30/2022	6	420	380	322
03/30/2022	7	480	450	327
03/30/2022	8	580	550	362
03/30/2022	9	668	600	395
03/30/2022	10	668	600	421
03/30/2022	11	668	600	438
03/30/2022	12	668	600	433
03/30/2022	13	668	600	441
03/30/2022	14	668	600	457
03/30/2022	15	668	600	454
03/30/2022	16	668	600	448
03/30/2022	17	668	600	420
03/30/2022	18	668	600	406
03/30/2022	19	668	600	397
03/30/2022	20	668	600	409
03/30/2022	21	668	600	408
03/30/2022	22	668	600	397
03/30/2022	23	668	600	392
03/30/2022	24	668	600	380
03/31/2022	1	550	520	360
03/31/2022	2	550	500	348
03/31/2022	3	480	450	338
03/31/2022	4	420	380	330

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
03/31/2022	5	420	380	328
03/31/2022	6	420	380	331
03/31/2022	7	480	450	332
03/31/2022	8	580	550	366
03/31/2022	9	668	600	397
03/31/2022	10	668	600	415
03/31/2022	11	668	600	434
03/31/2022	12	668	600	425
03/31/2022	13	668	600	430
03/31/2022	14	668	600	447
03/31/2022	15	668	600	444
03/31/2022	16	668	600	435
03/31/2022	17	668	600	404
03/31/2022	18	668	600	380
03/31/2022	19	668	600	394
03/31/2022	20	668	600	389
03/31/2022	21	668	600	397
03/31/2022	22	668	600	388
03/31/2022	23	668	600	378
03/31/2022	24	668	600	369
04/01/2022	1	550	520	359
04/01/2022	2	550	500	345
04/01/2022	3	480	450	336
04/01/2022	4	420	380	326
04/01/2022	5	420	380	325
04/01/2022	6	420	380	324
04/01/2022	7	480	450	330
04/01/2022	8	580	550	359
04/01/2022	9	668	600	392
04/01/2022	10	668	600	417
04/01/2022	11	668	600	439
04/01/2022	12	668	600	428
04/01/2022	13	668	600	437
04/01/2022	14	668	600	449
04/01/2022	15	668	600	454
04/01/2022	16	668	600	444
04/01/2022	17	668	600	416
04/01/2022	18	668	600	399
04/01/2022	19	668	600	421
04/01/2022	20	668	600	413
04/01/2022	21	668	600	412
04/01/2022	22	668	600	402
04/01/2022	23	668	600	389
04/01/2022	24	668	600	376
04/02/2022	1	550	520	360
04/02/2022	2	550	500	348
04/02/2022	3	480	450	335
04/02/2022	4	420	380	328
04/02/2022	5	420	380	321
04/02/2022	6	420	380	314
04/02/2022	7	480	450	312
04/02/2022	8	580	550	333
04/02/2022	9	668	600	359
04/02/2022	10	668	600	384
04/02/2022	11	668	600	400
04/02/2022	12	668	600	396
04/02/2022	13	668	600	402
04/02/2022	14	668	600	414
04/02/2022	15	668	600	414
04/02/2022	16	668	600	400
04/02/2022	17	668	600	400
04/02/2022	18	668	600	381
04/02/2022	19	668	600	380
04/02/2022	20	668	600	393
04/02/2022	21	668	600	399

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/02/2022	22	668	600	395
04/02/2022	23	668	600	385
04/02/2022	24	668	600	374
04/03/2022	1	500	500	329
04/03/2022	2	500	450	320
04/03/2022	3	450	450	312
04/03/2022	4	420	400	304
04/03/2022	5	420	400	302
04/03/2022	6	420	400	298
04/03/2022	7	420	400	297
04/03/2022	8	420	400	304
04/03/2022	9	420	420	320
04/03/2022	10	520	455	344
04/03/2022	11	520	500	353
04/03/2022	12	500	455	351
04/03/2022	13	520	500	353
04/03/2022	14	550	500	359
04/03/2022	15	550	500	356
04/03/2022	16	550	550	353
04/03/2022	17	600	550	350
04/03/2022	18	600	600	360
04/03/2022	19	668	600	384
04/03/2022	20	668	600	377
04/03/2022	21	668	600	364
04/03/2022	22	600	600	359
04/03/2022	23	600	500	349
04/03/2022	24	500	455	335
04/04/2022	1	550	520	342
04/04/2022	2	550	500	327
04/04/2022	3	480	450	315
04/04/2022	4	420	380	308
04/04/2022	5	420	380	306
04/04/2022	6	420	380	309
04/04/2022	7	480	450	320
04/04/2022	8	580	550	361
04/04/2022	9	668	600	397
04/04/2022	10	668	600	422
04/04/2022	11	668	600	442
04/04/2022	12	668	600	433
04/04/2022	13	668	600	441
04/04/2022	14	668	600	457
04/04/2022	15	668	600	453
04/04/2022	16	668	600	440
04/04/2022	17	668	600	429
04/04/2022	18	668	600	401
04/04/2022	19	668	600	415
04/04/2022	20	668	600	411
04/04/2022	21	668	600	414
04/04/2022	22	668	600	406
04/04/2022	23	668	600	396
04/04/2022	24	668	600	382
04/05/2022	1	500	500	365
04/05/2022	2	450	450	351
04/05/2022	3	450	450	339
04/05/2022	4	380	380	330
04/05/2022	5	380	380	327
04/05/2022	6	380	380	327
04/05/2022	7	450	450	332
04/05/2022	8	550	550	369
04/05/2022	9	600	553	401
04/05/2022	10	600	553	423
04/05/2022	11	600	553	438
04/05/2022	12	600	553	429
04/05/2022	13	600	553	434
04/05/2022	14	600	553	448

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/05/2022	15	600	553	446
04/05/2022	16	600	553	437
04/05/2022	17	600	553	412
04/05/2022	18	600	553	399
04/05/2022	19	600	553	413
04/05/2022	20	600	553	409
04/05/2022	21	600	553	408
04/05/2022	22	600	553	400
04/05/2022	23	600	553	387
04/05/2022	24	600	553	373
04/06/2022	1	500	500	331
04/06/2022	2	450	450	321
04/06/2022	3	450	450	315
04/06/2022	4	450	380	304
04/06/2022	5	450	380	304
04/06/2022	6	450	380	303
04/06/2022	7	450	450	310
04/06/2022	8	550	550	343
04/06/2022	9	600	553	375
04/06/2022	10	600	553	398
04/06/2022	11	600	553	416
04/06/2022	12	600	553	407
04/06/2022	13	600	553	416
04/06/2022	14	600	553	432
04/06/2022	15	600	553	429
04/06/2022	16	600	553	422
04/06/2022	17	600	553	389
04/06/2022	18	600	553	374
04/06/2022	19	600	553	387
04/06/2022	20	600	553	381
04/06/2022	21	600	553	380
04/06/2022	22	600	553	370
04/06/2022	23	600	553	359
04/06/2022	24	600	553	371
04/07/2022	1	550	520	339
04/07/2022	2	550	500	331
04/07/2022	3	480	450	320
04/07/2022	4	420	380	310
04/07/2022	5	420	380	307
04/07/2022	6	420	380	302
04/07/2022	7	480	450	308
04/07/2022	8	580	550	341
04/07/2022	9	668	600	371
04/07/2022	10	668	600	396
04/07/2022	11	668	600	412
04/07/2022	12	668	600	406
04/07/2022	13	668	600	414
04/07/2022	14	668	600	430
04/07/2022	15	668	600	426
04/07/2022	16	668	600	413
04/07/2022	17	668	600	389
04/07/2022	18	668	600	366
04/07/2022	19	668	600	379
04/07/2022	20	668	600	377
04/07/2022	21	668	600	378
04/07/2022	22	668	600	373
04/07/2022	23	668	600	365
04/07/2022	24	668	600	372
04/08/2022	1	550	520	332
04/08/2022	2	550	500	321
04/08/2022	3	480	450	312
04/08/2022	4	420	380	304
04/08/2022	5	420	380	304
04/08/2022	6	420	380	306
04/08/2022	7	480	450	315

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/08/2022	8	580	550	347
04/08/2022	9	668	600	377
04/08/2022	10	668	600	398
04/08/2022	11	668	600	414
04/08/2022	12	668	600	404
04/08/2022	13	668	600	404
04/08/2022	14	668	600	417
04/08/2022	15	668	600	412
04/08/2022	16	668	600	405
04/08/2022	17	668	600	385
04/08/2022	18	668	600	375
04/08/2022	19	668	600	386
04/08/2022	20	668	600	381
04/08/2022	21	668	600	368
04/08/2022	22	668	600	358
04/08/2022	23	668	600	346
04/08/2022	24	668	600	358
04/09/2022	1	550	520	315
04/09/2022	2	550	500	304
04/09/2022	3	480	450	296
04/09/2022	4	420	380	288
04/09/2022	5	420	380	283
04/09/2022	6	420	380	278
04/09/2022	7	420	380	274
04/09/2022	8	420	380	286
04/09/2022	9	420	380	304
04/09/2022	10	480	450	316
04/09/2022	11	550	501	325
04/09/2022	12	600	501	326
04/09/2022	13	600	501	330
04/09/2022	14	600	501	341
04/09/2022	15	600	501	341
04/09/2022	16	550	501	329
04/09/2022	17	550	501	312
04/09/2022	18	550	501	312
04/09/2022	19	600	501	337
04/09/2022	20	600	501	338
04/09/2022	21	600	501	345
04/09/2022	22	600	501	342
04/09/2022	23	600	501	330
04/09/2022	24	600	501	346
04/10/2022	1	450	400	310
04/10/2022	2	450	400	299
04/10/2022	3	450	400	289
04/10/2022	4	400	400	281
04/10/2022	5	400	400	276
04/10/2022	6	400	360	268
04/10/2022	7	400	360	263
04/10/2022	8	400	360	272
04/10/2022	9	400	360	288
04/10/2022	10	450	400	306
04/10/2022	11	520	450	315
04/10/2022	12	500	450	315
04/10/2022	13	520	500	318
04/10/2022	14	550	500	325
04/10/2022	15	550	500	327
04/10/2022	16	550	500	320
04/10/2022	17	500	500	310
04/10/2022	18	550	500	316
04/10/2022	19	550	500	336
04/10/2022	20	600	500	334
04/10/2022	21	600	500	334
04/10/2022	22	600	500	325
04/10/2022	23	500	500	316
04/10/2022	24	500	455	304

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/11/2022	1	550	520	305
04/11/2022	2	550	500	292
04/11/2022	3	480	450	282
04/11/2022	4	420	380	275
04/11/2022	5	420	380	273
04/11/2022	6	420	380	276
04/11/2022	7	550	450	286
04/11/2022	8	668	550	322
04/11/2022	9	668	600	354
04/11/2022	10	668	600	377
04/11/2022	11	668	600	394
04/11/2022	12	668	600	387
04/11/2022	13	668	600	394
04/11/2022	14	668	600	408
04/11/2022	15	668	600	405
04/11/2022	16	668	600	393
04/11/2022	17	668	600	384
04/11/2022	18	668	600	358
04/11/2022	19	668	600	371
04/11/2022	20	668	600	367
04/11/2022	21	668	600	369
04/11/2022	22	668	600	363
04/11/2022	23	668	600	353
04/11/2022	24	668	600	341
04/12/2022	1	550	520	326
04/12/2022	2	550	500	314
04/12/2022	3	480	450	303
04/12/2022	4	420	380	295
04/12/2022	5	420	380	292
04/12/2022	6	420	380	292
04/12/2022	7	550	450	298
04/12/2022	8	668	550	330
04/12/2022	9	668	600	359
04/12/2022	10	668	600	378
04/12/2022	11	668	600	392
04/12/2022	12	668	600	383
04/12/2022	13	668	600	388
04/12/2022	14	668	600	401
04/12/2022	15	668	600	399
04/12/2022	16	668	600	391
04/12/2022	17	668	600	368
04/12/2022	18	668	600	357
04/12/2022	19	668	600	369
04/12/2022	20	668	600	366
04/12/2022	21	668	600	364
04/12/2022	22	668	600	357
04/12/2022	23	668	600	346
04/12/2022	24	668	600	337
04/13/2022	1	600	500	339
04/13/2022	2	550	500	328
04/13/2022	3	450	450	317
04/13/2022	4	380	380	311
04/13/2022	5	380	380	303
04/13/2022	6	380	380	304
04/13/2022	7	450	450	310
04/13/2022	8	550	500	345
04/13/2022	9	600	500	377
04/13/2022	10	600	500	399
04/13/2022	11	600	500	399
04/13/2022	12	600	500	397
04/13/2022	13	600	500	399
04/13/2022	14	600	500	398
04/13/2022	15	600	500	394
04/13/2022	16	600	500	397
04/13/2022	17	600	500	382

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/13/2022	18	600	500	375
04/13/2022	19	600	500	389
04/13/2022	20	600	500	387
04/13/2022	21	600	500	387
04/13/2022	22	600	500	379
04/13/2022	23	600	500	370
04/13/2022	24	600	500	353
04/14/2022	1	600	500	318
04/14/2022	2	550	500	307
04/14/2022	3	450	450	295
04/14/2022	4	380	380	288
04/14/2022	5	380	380	284
04/14/2022	6	380	380	277
04/14/2022	7	380	380	275
04/14/2022	8	380	380	290
04/14/2022	9	380	380	306
04/14/2022	10	380	380	325
04/14/2022	11	450	450	338
04/14/2022	12	450	450	336
04/14/2022	13	450	450	337
04/14/2022	14	450	450	345
04/14/2022	15	450	450	344
04/14/2022	16	550	500	340
04/14/2022	17	600	500	332
04/14/2022	18	600	500	338
04/14/2022	19	600	500	359
04/14/2022	20	600	500	355
04/14/2022	21	600	500	355
04/14/2022	22	600	500	347
04/14/2022	23	600	500	335
04/14/2022	24	600	500	332
04/15/2022	1	450	400	278
04/15/2022	2	450	400	266
04/15/2022	3	400	400	254
04/15/2022	4	400	360	243
04/15/2022	5	360	350	236
04/15/2022	6	360	300	228
04/15/2022	7	360	250	223
04/15/2022	8	360	300	228
04/15/2022	9	360	300	235
04/15/2022	10	400	350	248
04/15/2022	11	450	350	256
04/15/2022	12	450	350	258
04/15/2022	13	450	350	264
04/15/2022	14	450	400	275
04/15/2022	15	450	400	277
04/15/2022	16	450	350	271
04/15/2022	17	450	350	261
04/15/2022	18	450	350	264
04/15/2022	19	450	420	294
04/15/2022	20	500	400	299
04/15/2022	21	500	450	305
04/15/2022	22	500	450	304
04/15/2022	23	450	450	294
04/15/2022	24	450	415	281
04/16/2022	1	500	455	314
04/16/2022	2	500	455	299
04/16/2022	3	450	439	287
04/16/2022	4	450	420	276
04/16/2022	5	420	400	271
04/16/2022	6	420	400	267
04/16/2022	7	420	400	269
04/16/2022	8	420	420	286
04/16/2022	9	455	420	307
04/16/2022	10	460	455	327

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/16/2022	11	460	455	341
04/16/2022	12	500	460	344
04/16/2022	13	500	500	351
04/16/2022	14	550	500	368
04/16/2022	15	550	500	370
04/16/2022	16	550	455	362
04/16/2022	17	550	455	342
04/16/2022	18	550	455	340
04/16/2022	19	600	500	373
04/16/2022	20	600	500	377
04/16/2022	21	600	500	383
04/16/2022	22	600	500	381
04/16/2022	23	600	500	368
04/16/2022	24	580	460	353
04/17/2022	1	500	455	327
04/17/2022	2	500	455	314
04/17/2022	3	455	450	301
04/17/2022	4	450	420	288
04/17/2022	5	425	420	282
04/17/2022	6	420	400	274
04/17/2022	7	420	400	277
04/17/2022	8	420	420	290
04/17/2022	9	455	420	307
04/17/2022	10	460	455	324
04/17/2022	11	460	455	337
04/17/2022	12	500	455	335
04/17/2022	13	500	500	342
04/17/2022	14	550	500	356
04/17/2022	15	550	500	359
04/17/2022	16	550	455	348
04/17/2022	17	550	450	332
04/17/2022	18	550	455	338
04/17/2022	19	600	500	368
04/17/2022	20	600	500	373
04/17/2022	21	600	500	380
04/17/2022	22	600	500	380
04/17/2022	23	600	500	368
04/17/2022	24	580	460	352
04/18/2022	1	450	450	323
04/18/2022	2	380	380	311
04/18/2022	3	380	380	305
04/18/2022	4	380	380	297
04/18/2022	5	380	380	297
04/18/2022	6	450	450	305
04/18/2022	7	550	500	319
04/18/2022	8	600	500	349
04/18/2022	9	600	500	381
04/18/2022	10	600	500	404
04/18/2022	11	600	500	416
04/18/2022	12	600	500	408
04/18/2022	13	600	500	411
04/18/2022	14	600	500	426
04/18/2022	15	600	500	425
04/18/2022	16	600	500	420
04/18/2022	17	600	500	399
04/18/2022	18	600	500	393
04/18/2022	19	600	500	404
04/18/2022	20	600	500	398
04/18/2022	21	600	500	396
04/18/2022	22	600	500	384
04/18/2022	23	600	500	373
04/18/2022	24	600	500	359
04/19/2022	1	600	500	345
04/19/2022	2	600	500	333
04/19/2022	3	600	500	323

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/19/2022	4	500	450	315
04/19/2022	5	480	420	313
04/19/2022	6	480	420	315
04/19/2022	7	500	450	321
04/19/2022	8	600	500	353
04/19/2022	9	600	500	381
04/19/2022	10	600	500	402
04/19/2022	11	600	500	417
04/19/2022	12	600	500	407
04/19/2022	13	600	500	410
04/19/2022	14	600	500	423
04/19/2022	15	600	500	420
04/19/2022	16	600	500	413
04/19/2022	17	600	500	394
04/19/2022	18	600	500	384
04/19/2022	19	600	500	387
04/19/2022	20	600	500	383
04/19/2022	21	600	500	388
04/19/2022	22	600	500	378
04/19/2022	23	600	500	365
04/19/2022	24	600	500	374
04/20/2022	1	450	420	343
04/20/2022	2	450	420	331
04/20/2022	3	380	380	319
04/20/2022	4	380	380	311
04/20/2022	5	380	380	305
04/20/2022	6	380	380	307
04/20/2022	7	480	450	317
04/20/2022	8	550	500	355
04/20/2022	9	600	550	388
04/20/2022	10	668	600	412
04/20/2022	11	668	600	426
04/20/2022	12	668	600	417
04/20/2022	13	668	600	424
04/20/2022	14	668	600	436
04/20/2022	15	668	600	430
04/20/2022	16	668	600	418
04/20/2022	17	668	600	391
04/20/2022	18	668	600	367
04/20/2022	19	668	600	391
04/20/2022	20	668	600	384
04/20/2022	21	668	600	375
04/20/2022	22	668	600	364
04/20/2022	23	550	500	354
04/20/2022	24	550	450	327
04/21/2022	1	600	550	349
04/21/2022	2	600	550	337
04/21/2022	3	550	550	327
04/21/2022	4	550	450	319
04/21/2022	5	550	450	314
04/21/2022	6	550	450	318
04/21/2022	7	550	450	325
04/21/2022	8	550	500	358
04/21/2022	9	600	600	391
04/21/2022	10	668	600	412
04/21/2022	11	668	600	426
04/21/2022	12	668	600	420
04/21/2022	13	668	600	424
04/21/2022	14	668	600	437
04/21/2022	15	668	600	435
04/21/2022	16	668	600	427
04/21/2022	17	668	600	402
04/21/2022	18	668	600	371
04/21/2022	19	668	600	396
04/21/2022	20	668	600	391

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/21/2022	21	668	600	389
04/21/2022	22	668	600	380
04/21/2022	23	668	600	369
04/21/2022	24	668	600	380
04/22/2022	1	600	550	358
04/22/2022	2	600	550	345
04/22/2022	3	550	550	332
04/22/2022	4	550	450	323
04/22/2022	5	550	450	314
04/22/2022	6	550	450	317
04/22/2022	7	550	450	318
04/22/2022	8	550	500	326
04/22/2022	9	668	600	359
04/22/2022	10	668	600	390
04/22/2022	11	668	600	409
04/22/2022	12	668	600	424
04/22/2022	13	668	600	414
04/22/2022	14	668	600	422
04/22/2022	15	668	600	438
04/22/2022	16	668	600	432
04/22/2022	17	668	600	424
04/22/2022	18	668	600	401
04/22/2022	19	668	600	387
04/22/2022	20	668	600	401
04/22/2022	21	668	600	397
04/22/2022	22	668	600	395
04/22/2022	23	668	600	385
04/22/2022	24	668	600	373
04/23/2022	1	550	460	349
04/23/2022	2	460	450	341
04/23/2022	3	450	400	331
04/23/2022	4	450	400	319
04/23/2022	5	450	400	317
04/23/2022	6	450	400	311
04/23/2022	7	450	400	307
04/23/2022	8	500	455	325
04/23/2022	9	600	455	351
04/23/2022	10	600	455	371
04/23/2022	11	600	460	388
04/23/2022	12	600	460	384
04/23/2022	13	600	460	391
04/23/2022	14	600	460	404
04/23/2022	15	600	460	397
04/23/2022	16	600	460	380
04/23/2022	17	600	460	363
04/23/2022	18	600	460	356
04/23/2022	19	600	460	379
04/23/2022	20	600	460	379
04/23/2022	21	600	460	380
04/23/2022	22	600	460	378
04/23/2022	23	600	460	368
04/23/2022	24	600	460	375
04/24/2022	1	460	455	337
04/24/2022	2	460	455	329
04/24/2022	3	460	455	317
04/24/2022	4	460	455	309
04/24/2022	5	460	455	304
04/24/2022	6	460	421	293
04/24/2022	7	460	455	297
04/24/2022	8	460	455	307
04/24/2022	9	460	455	323
04/24/2022	10	460	455	341
04/24/2022	11	460	455	350
04/24/2022	12	460	455	347
04/24/2022	13	500	460	347

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/24/2022	14	550	460	351
04/24/2022	15	550	460	350
04/24/2022	16	550	460	343
04/24/2022	17	550	460	339
04/24/2022	18	550	460	351
04/24/2022	19	600	460	378
04/24/2022	20	600	460	379
04/24/2022	21	600	460	379
04/24/2022	22	600	460	374
04/24/2022	23	550	460	360
04/24/2022	24	520	460	345
04/25/2022	1	455	450	304
04/25/2022	2	450	400	295
04/25/2022	3	450	400	285
04/25/2022	4	450	400	280
04/25/2022	5	450	400	282
04/25/2022	6	450	400	290
04/25/2022	7	450	400	310
04/25/2022	8	500	455	346
04/25/2022	9	600	460	381
04/25/2022	10	600	460	407
04/25/2022	11	600	460	419
04/25/2022	12	600	460	417
04/25/2022	13	600	460	424
04/25/2022	14	600	460	443
04/25/2022	15	600	460	438
04/25/2022	16	600	460	432
04/25/2022	17	600	460	407
04/25/2022	18	600	460	391
04/25/2022	19	600	460	408
04/25/2022	20	600	460	403
04/25/2022	21	600	460	400
04/25/2022	22	600	460	390
04/25/2022	23	600	460	378
04/25/2022	24	600	460	363
04/26/2022	1	460	455	341
04/26/2022	2	450	420	329
04/26/2022	3	450	420	319
04/26/2022	4	450	420	313
04/26/2022	5	450	420	310
04/26/2022	6	450	420	311
04/26/2022	7	450	420	319
04/26/2022	8	500	455	354
04/26/2022	9	600	460	386
04/26/2022	10	600	460	412
04/26/2022	11	600	460	426
04/26/2022	12	600	460	423
04/26/2022	13	600	460	430
04/26/2022	14	600	460	447
04/26/2022	15	600	460	447
04/26/2022	16	600	460	434
04/26/2022	17	600	460	405
04/26/2022	18	600	460	383
04/26/2022	19	600	460	400
04/26/2022	20	600	460	387
04/26/2022	21	600	460	399
04/26/2022	22	600	460	390
04/26/2022	23	600	460	382
04/26/2022	24	600	460	368
04/27/2022	1	500	450	361
04/27/2022	2	500	450	347
04/27/2022	3	500	450	338
04/27/2022	4	500	450	329
04/27/2022	5	550	450	331
04/27/2022	6	550	450	332

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/27/2022	7	550	450	341
04/27/2022	8	668	500	376
04/27/2022	9	668	600	411
04/27/2022	10	668	600	434
04/27/2022	11	668	600	448
04/27/2022	12	668	600	438
04/27/2022	13	668	600	441
04/27/2022	14	668	600	455
04/27/2022	15	668	600	452
04/27/2022	16	668	600	444
04/27/2022	17	668	600	411
04/27/2022	18	668	600	401
04/27/2022	19	668	600	417
04/27/2022	20	668	600	412
04/27/2022	21	668	600	408
04/27/2022	22	668	600	399
04/27/2022	23	668	600	388
04/27/2022	24	668	600	369
04/28/2022	1	668	600	366
04/28/2022	2	668	600	355
04/28/2022	3	600	600	345
04/28/2022	4	550	500	336
04/28/2022	5	550	450	333
04/28/2022	6	550	450	329
04/28/2022	7	600	450	337
04/28/2022	8	668	500	374
04/28/2022	9	668	600	410
04/28/2022	10	668	600	434
04/28/2022	11	668	600	448
04/28/2022	12	668	600	442
04/28/2022	13	668	600	446
04/28/2022	14	668	600	457
04/28/2022	15	668	600	446
04/28/2022	16	668	600	436
04/28/2022	17	668	600	412
04/28/2022	18	668	600	393
04/28/2022	19	668	600	396
04/28/2022	20	668	600	398
04/28/2022	21	668	600	398
04/28/2022	22	668	600	391
04/28/2022	23	668	600	387
04/28/2022	24	668	600	364
04/29/2022	1	668	460	356
04/29/2022	2	550	460	345
04/29/2022	3	500	460	336
04/29/2022	4	500	460	329
04/29/2022	5	500	460	329
04/29/2022	6	500	460	334
04/29/2022	7	500	460	342
04/29/2022	8	550	500	372
04/29/2022	9	668	600	403
04/29/2022	10	668	600	427
04/29/2022	11	668	600	441
04/29/2022	12	668	600	435
04/29/2022	13	668	600	439
04/29/2022	14	668	600	454
04/29/2022	15	668	600	448
04/29/2022	16	668	600	444
04/29/2022	17	668	600	415
04/29/2022	18	668	600	408
04/29/2022	19	668	600	421
04/29/2022	20	668	600	414
04/29/2022	21	668	600	412
04/29/2022	22	668	600	402
04/29/2022	23	668	600	388

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
04/29/2022	24	668	600	368
04/30/2022	1	550	450	355
04/30/2022	2	500	450	342
04/30/2022	3	500	450	336
04/30/2022	4	500	450	326
04/30/2022	5	490	450	320
04/30/2022	6	490	450	306
04/30/2022	7	490	450	308
04/30/2022	8	490	450	332
04/30/2022	9	490	450	356
04/30/2022	10	550	500	380
04/30/2022	11	668	600	391
04/30/2022	12	668	600	388
04/30/2022	13	668	600	392
04/30/2022	14	668	600	398
04/30/2022	15	668	600	395
04/30/2022	16	668	600	390
04/30/2022	17	668	600	372
04/30/2022	18	668	600	371
04/30/2022	19	668	600	383
04/30/2022	20	668	600	381
04/30/2022	21	668	600	378
04/30/2022	22	668	600	370
04/30/2022	23	550	500	357
04/30/2022	24	500	450	299
05/01/2022	1	600	460	355
05/01/2022	2	550	460	343
05/01/2022	3	500	460	331
05/01/2022	4	455	450	320
05/01/2022	5	455	420	307
05/01/2022	6	450	431	302
05/01/2022	7	450	442	288
05/01/2022	8	420	411	284
05/01/2022	9	420	400	295
05/01/2022	10	420	400	312
05/01/2022	11	460	420	335
05/01/2022	12	460	450	346
05/01/2022	13	500	460	346
05/01/2022	14	500	500	350
05/01/2022	15	600	550	357
05/01/2022	16	600	550	358
05/01/2022	17	600	550	368
05/01/2022	18	600	550	359
05/01/2022	19	600	500	358
05/01/2022	20	668	600	383
05/01/2022	21	668	600	384
05/01/2022	22	668	600	390
05/01/2022	23	668	550	386
05/01/2022	24	668	520	376
05/02/2022	1	490	450	345
05/02/2022	2	490	450	334
05/02/2022	3	490	450	322
05/02/2022	4	490	450	311
05/02/2022	5	490	450	311
05/02/2022	6	490	450	311
05/02/2022	7	490	450	327
05/02/2022	8	550	500	364
05/02/2022	9	668	600	390
05/02/2022	10	668	600	411
05/02/2022	11	668	600	424
05/02/2022	12	668	600	422
05/02/2022	13	668	600	426
05/02/2022	14	668	600	443
05/02/2022	15	668	600	445
05/02/2022	16	668	600	436

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/02/2022	17	668	600	415
05/02/2022	18	668	600	398
05/02/2022	19	668	600	411
05/02/2022	20	668	600	408
05/02/2022	21	668	600	409
05/02/2022	22	668	600	401
05/02/2022	23	668	600	391
05/02/2022	24	668	600	377
05/03/2022	1	600	455	355
05/03/2022	2	550	455	340
05/03/2022	3	420	420	330
05/03/2022	4	420	400	322
05/03/2022	5	420	400	317
05/03/2022	6	420	400	308
05/03/2022	7	400	380	302
05/03/2022	8	420	400	322
05/03/2022	9	455	420	345
05/03/2022	10	455	420	366
05/03/2022	11	455	433	380
05/03/2022	12	455	450	374
05/03/2022	13	500	500	381
05/03/2022	14	550	500	390
05/03/2022	15	550	500	388
05/03/2022	16	500	500	372
05/03/2022	17	500	500	359
05/03/2022	18	500	500	356
05/03/2022	19	550	500	371
05/03/2022	20	500	455	367
05/03/2022	21	455	450	365
05/03/2022	22	455	450	359
05/03/2022	23	455	450	349
05/03/2022	24	455	450	374
05/04/2022	1	420	420	348
05/04/2022	2	420	420	336
05/04/2022	3	420	420	326
05/04/2022	4	420	420	318
05/04/2022	5	420	420	314
05/04/2022	6	450	420	311
05/04/2022	7	500	460	322
05/04/2022	8	550	500	358
05/04/2022	9	600	550	392
05/04/2022	10	668	600	413
05/04/2022	11	668	647	430
05/04/2022	12	668	647	425
05/04/2022	13	668	647	431
05/04/2022	14	668	647	447
05/04/2022	15	668	647	442
05/04/2022	16	668	647	431
05/04/2022	17	668	550	402
05/04/2022	18	668	550	386
05/04/2022	19	668	600	399
05/04/2022	20	668	600	396
05/04/2022	21	668	610	395
05/04/2022	22	668	600	387
05/04/2022	23	668	550	378
05/04/2022	24	668	520	366
05/05/2022	1	460	450	360
05/05/2022	2	460	450	347
05/05/2022	3	460	450	336
05/05/2022	4	460	450	328
05/05/2022	5	460	450	325
05/05/2022	6	460	450	326
05/05/2022	7	550	450	333
05/05/2022	8	600	550	368
05/05/2022	9	668	647	401

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/05/2022	10	668	647	425
05/05/2022	11	668	647	440
05/05/2022	12	668	647	433
05/05/2022	13	668	647	438
05/05/2022	14	668	647	454
05/05/2022	15	668	647	450
05/05/2022	16	668	647	441
05/05/2022	17	668	647	406
05/05/2022	18	668	647	392
05/05/2022	19	668	647	403
05/05/2022	20	668	647	401
05/05/2022	21	668	647	401
05/05/2022	22	668	647	395
05/05/2022	23	668	647	385
05/05/2022	24	668	647	371
05/06/2022	1	450	420	374
05/06/2022	2	450	420	361
05/06/2022	3	450	420	346
05/06/2022	4	450	420	334
05/06/2022	5	450	420	332
05/06/2022	6	450	420	324
05/06/2022	7	450	420	336
05/06/2022	8	550	520	374
05/06/2022	9	668	600	411
05/06/2022	10	668	600	434
05/06/2022	11	668	600	451
05/06/2022	12	668	600	438
05/06/2022	13	668	600	443
05/06/2022	14	668	600	460
05/06/2022	15	668	600	459
05/06/2022	16	668	600	448
05/06/2022	17	668	600	418
05/06/2022	18	668	600	400
05/06/2022	19	668	600	410
05/06/2022	20	668	600	407
05/06/2022	21	668	600	409
05/06/2022	22	668	600	403
05/06/2022	23	668	600	390
05/06/2022	24	668	600	386
05/07/2022	1	550	550	365
05/07/2022	2	550	550	352
05/07/2022	3	450	450	340
05/07/2022	4	450	450	329
05/07/2022	5	450	350	322
05/07/2022	6	450	320	314
05/07/2022	7	450	320	313
05/07/2022	8	550	350	335
05/07/2022	9	668	450	360
05/07/2022	10	668	550	384
05/07/2022	11	668	600	399
05/07/2022	12	668	600	392
05/07/2022	13	668	600	399
05/07/2022	14	668	600	411
05/07/2022	15	668	600	409
05/07/2022	16	668	600	393
05/07/2022	17	668	600	376
05/07/2022	18	668	600	370
05/07/2022	19	668	600	390
05/07/2022	20	668	600	389
05/07/2022	21	668	600	390
05/07/2022	22	668	600	384
05/07/2022	23	668	600	375
05/07/2022	24	668	600	364
05/08/2022	1	455	453	371
05/08/2022	2	455	450	357

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/08/2022	3	455	450	344
05/08/2022	4	455	450	333
05/08/2022	5	455	450	324
05/08/2022	6	450	400	305
05/08/2022	7	420	400	300
05/08/2022	8	431	400	310
05/08/2022	9	455	400	326
05/08/2022	10	455	429	347
05/08/2022	11	455	429	360
05/08/2022	12	455	450	357
05/08/2022	13	500	455	363
05/08/2022	14	500	455	373
05/08/2022	15	500	455	374
05/08/2022	16	500	455	372
05/08/2022	17	500	455	360
05/08/2022	18	500	455	360
05/08/2022	19	500	460	384
05/08/2022	20	500	500	386
05/08/2022	21	500	500	390
05/08/2022	22	500	500	387
05/08/2022	23	500	500	376
05/08/2022	24	500	500	364
05/09/2022	1	453	450	348
05/09/2022	2	450	425	333
05/09/2022	3	400	400	322
05/09/2022	4	400	400	313
05/09/2022	5	400	400	307
05/09/2022	6	350	350	289
05/09/2022	7	350	300	288
05/09/2022	8	350	320	300
05/09/2022	9	350	350	314
05/09/2022	10	400	400	330
05/09/2022	11	400	400	350
05/09/2022	12	450	450	359
05/09/2022	13	500	450	367
05/09/2022	14	500	450	377
05/09/2022	15	500	450	375
05/09/2022	16	450	400	366
05/09/2022	17	450	400	356
05/09/2022	18	450	400	361
05/09/2022	19	500	455	394
05/09/2022	20	500	500	398
05/09/2022	21	500	500	400
05/09/2022	22	500	500	390
05/09/2022	23	500	500	376
05/09/2022	24	500	500	362
05/10/2022	1	450	450	367
05/10/2022	2	450	450	356
05/10/2022	3	450	420	346
05/10/2022	4	450	380	337
05/10/2022	5	450	350	333
05/10/2022	6	450	450	330
05/10/2022	7	550	500	342
05/10/2022	8	668	600	380
05/10/2022	9	668	600	416
05/10/2022	10	668	600	440
05/10/2022	11	668	600	454
05/10/2022	12	668	600	448
05/10/2022	13	668	600	452
05/10/2022	14	668	600	464
05/10/2022	15	668	600	452
05/10/2022	16	668	600	442
05/10/2022	17	668	600	419
05/10/2022	18	668	600	406
05/10/2022	19	668	600	409

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/10/2022	20	668	600	412
05/10/2022	21	668	600	411
05/10/2022	22	668	600	405
05/10/2022	23	668	600	392
05/10/2022	24	668	600	380
05/11/2022	1	460	450	374
05/11/2022	2	450	450	361
05/11/2022	3	450	390	346
05/11/2022	4	450	390	335
05/11/2022	5	450	390	332
05/11/2022	6	450	450	324
05/11/2022	7	550	500	336
05/11/2022	8	668	600	375
05/11/2022	9	668	600	411
05/11/2022	10	668	600	434
05/11/2022	11	668	600	452
05/11/2022	12	668	600	444
05/11/2022	13	668	600	452
05/11/2022	14	668	600	464
05/11/2022	15	668	600	463
05/11/2022	16	668	600	456
05/11/2022	17	668	600	430
05/11/2022	18	668	600	409
05/11/2022	19	668	600	414
05/11/2022	20	668	600	411
05/11/2022	21	668	600	423
05/11/2022	22	668	600	416
05/11/2022	23	668	600	406
05/11/2022	24	668	600	393
05/12/2022	1	460	450	374
05/12/2022	2	450	450	361
05/12/2022	3	450	420	346
05/12/2022	4	450	420	334
05/12/2022	5	450	414	331
05/12/2022	6	450	450	324
05/12/2022	7	550	500	336
05/12/2022	8	668	600	375
05/12/2022	9	668	600	412
05/12/2022	10	668	600	436
05/12/2022	11	668	600	453
05/12/2022	12	668	600	446
05/12/2022	13	668	600	453
05/12/2022	14	668	600	465
05/12/2022	15	668	600	464
05/12/2022	16	668	600	457
05/12/2022	17	668	600	432
05/12/2022	18	668	600	410
05/12/2022	19	668	600	416
05/12/2022	20	668	600	413
05/12/2022	21	668	600	416
05/12/2022	22	668	600	417
05/12/2022	23	668	600	407
05/12/2022	24	668	600	392
05/13/2022	1	460	450	378
05/13/2022	2	450	450	361
05/13/2022	3	450	420	348
05/13/2022	4	450	420	336
05/13/2022	5	450	420	331
05/13/2022	6	450	450	323
05/13/2022	7	550	500	335
05/13/2022	8	668	600	373
05/13/2022	9	668	600	407
05/13/2022	10	668	600	432
05/13/2022	11	668	600	450
05/13/2022	12	668	600	443

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/13/2022	13	668	600	451
05/13/2022	14	668	600	466
05/13/2022	15	668	600	464
05/13/2022	16	668	600	454
05/13/2022	17	668	600	422
05/13/2022	18	668	600	404
05/13/2022	19	668	600	420
05/13/2022	20	668	600	419
05/13/2022	21	668	600	421
05/13/2022	22	668	600	415
05/13/2022	23	668	600	405
05/13/2022	24	668	600	394
05/14/2022	1	460	455	374
05/14/2022	2	450	450	360
05/14/2022	3	450	420	347
05/14/2022	4	450	420	336
05/14/2022	5	450	420	328
05/14/2022	6	450	420	319
05/14/2022	7	450	450	320
05/14/2022	8	450	450	344
05/14/2022	9	550	500	370
05/14/2022	10	668	545	394
05/14/2022	11	668	600	408
05/14/2022	12	668	600	403
05/14/2022	13	668	600	409
05/14/2022	14	668	600	421
05/14/2022	15	668	600	419
05/14/2022	16	668	600	406
05/14/2022	17	668	600	387
05/14/2022	18	550	530	372
05/14/2022	19	550	450	392
05/14/2022	20	550	450	391
05/14/2022	21	668	450	402
05/14/2022	22	550	450	398
05/14/2022	23	550	450	389
05/14/2022	24	550	450	360
05/15/2022	1	500	500	372
05/15/2022	2	450	450	358
05/15/2022	3	450	420	346
05/15/2022	4	450	420	335
05/15/2022	5	450	414	325
05/15/2022	6	450	400	307
05/15/2022	7	550	400	301
05/15/2022	8	668	450	311
05/15/2022	9	668	450	327
05/15/2022	10	668	450	349
05/15/2022	11	668	450	361
05/15/2022	12	668	450	358
05/15/2022	13	668	450	364
05/15/2022	14	668	460	375
05/15/2022	15	668	460	376
05/15/2022	16	668	460	373
05/15/2022	17	668	500	361
05/15/2022	18	668	550	361
05/15/2022	19	668	600	385
05/15/2022	20	668	600	387
05/15/2022	21	668	600	392
05/15/2022	22	668	550	389
05/15/2022	23	668	500	377
05/15/2022	24	668	500	366
05/16/2022	1	460	455	341
05/16/2022	2	450	450	327
05/16/2022	3	450	420	317
05/16/2022	4	450	420	306
05/16/2022	5	450	420	300

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/16/2022	6	450	450	300
05/16/2022	7	550	500	318
05/16/2022	8	668	545	359
05/16/2022	9	668	600	395
05/16/2022	10	668	600	420
05/16/2022	11	668	600	440
05/16/2022	12	668	600	436
05/16/2022	13	668	600	442
05/16/2022	14	668	600	459
05/16/2022	15	668	600	459
05/16/2022	16	668	600	450
05/16/2022	17	668	600	424
05/16/2022	18	668	600	403
05/16/2022	19	668	600	418
05/16/2022	20	668	600	420
05/16/2022	21	668	600	421
05/16/2022	22	668	600	415
05/16/2022	23	668	600	404
05/16/2022	24	668	600	390
05/17/2022	1	500	455	333
05/17/2022	2	500	450	324
05/17/2022	3	450	420	315
05/17/2022	4	450	420	307
05/17/2022	5	450	420	306
05/17/2022	6	450	420	307
05/17/2022	7	550	450	325
05/17/2022	8	668	500	361
05/17/2022	9	668	600	399
05/17/2022	10	668	600	427
05/17/2022	11	668	600	445
05/17/2022	12	668	600	443
05/17/2022	13	668	600	447
05/17/2022	14	668	600	464
05/17/2022	15	668	600	464
05/17/2022	16	668	600	455
05/17/2022	17	668	600	429
05/17/2022	18	668	600	401
05/17/2022	19	668	600	423
05/17/2022	20	668	600	425
05/17/2022	21	668	600	427
05/17/2022	22	668	600	420
05/17/2022	23	668	600	410
05/17/2022	24	668	600	405
05/18/2022	1	668	600	353
05/18/2022	2	580	550	340
05/18/2022	3	450	420	326
05/18/2022	4	450	420	315
05/18/2022	5	450	420	313
05/18/2022	6	450	420	315
05/18/2022	7	550	450	327
05/18/2022	8	668	500	365
05/18/2022	9	668	600	400
05/18/2022	10	668	600	423
05/18/2022	11	668	600	441
05/18/2022	12	668	600	434
05/18/2022	13	668	600	440
05/18/2022	14	668	600	458
05/18/2022	15	668	600	455
05/18/2022	16	668	600	445
05/18/2022	17	668	600	420
05/18/2022	18	668	600	405
05/18/2022	19	668	600	410
05/18/2022	20	668	600	409
05/18/2022	21	668	600	413
05/18/2022	22	668	600	413

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/18/2022	23	668	600	403
05/18/2022	24	668	600	406
05/19/2022	1	668	600	337
05/19/2022	2	550	550	328
05/19/2022	3	450	420	320
05/19/2022	4	450	420	314
05/19/2022	5	450	420	311
05/19/2022	6	450	420	311
05/19/2022	7	550	500	323
05/19/2022	8	668	500	367
05/19/2022	9	668	600	405
05/19/2022	10	668	600	428
05/19/2022	11	668	600	442
05/19/2022	12	668	600	434
05/19/2022	13	668	600	438
05/19/2022	14	668	600	451
05/19/2022	15	668	600	444
05/19/2022	16	668	600	422
05/19/2022	17	668	600	406
05/19/2022	18	668	600	395
05/19/2022	19	668	600	387
05/19/2022	20	668	600	384
05/19/2022	21	668	600	386
05/19/2022	22	668	600	375
05/19/2022	23	668	600	365
05/19/2022	24	668	600	353
05/20/2022	1	668	600	335
05/20/2022	2	550	550	326
05/20/2022	3	450	420	318
05/20/2022	4	450	420	311
05/20/2022	5	450	420	317
05/20/2022	6	450	420	310
05/20/2022	7	550	500	324
05/20/2022	8	668	500	360
05/20/2022	9	668	600	390
05/20/2022	10	668	600	421
05/20/2022	11	668	600	435
05/20/2022	12	668	600	428
05/20/2022	13	668	600	432
05/20/2022	14	668	600	436
05/20/2022	15	668	600	433
05/20/2022	16	668	600	417
05/20/2022	17	668	600	402
05/20/2022	18	668	600	391
05/20/2022	19	668	600	391
05/20/2022	20	668	600	388
05/20/2022	21	668	600	381
05/20/2022	22	668	600	371
05/20/2022	23	668	600	361
05/20/2022	24	668	600	371
05/21/2022	1	668	600	333
05/21/2022	2	550	550	320
05/21/2022	3	450	420	314
05/21/2022	4	450	420	304
05/21/2022	5	450	420	299
05/21/2022	6	450	420	286
05/21/2022	7	450	420	306
05/21/2022	8	450	420	330
05/21/2022	9	455	450	353
05/21/2022	10	550	500	377
05/21/2022	11	668	600	386
05/21/2022	12	668	600	384
05/21/2022	13	668	600	389
05/21/2022	14	668	600	393
05/21/2022	15	668	600	391

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/21/2022	16	668	600	385
05/21/2022	17	520	500	369
05/21/2022	18	520	500	357
05/21/2022	19	668	600	381
05/21/2022	20	668	600	379
05/21/2022	21	668	600	384
05/21/2022	22	668	600	368
05/21/2022	23	668	600	362
05/21/2022	24	668	600	392
05/22/2022	1	668	600	349
05/22/2022	2	500	500	336
05/22/2022	3	460	455	325
05/22/2022	4	460	455	314
05/22/2022	5	455	450	305
05/22/2022	6	460	455	288
05/22/2022	7	550	455	283
05/22/2022	8	550	455	292
05/22/2022	9	600	455	307
05/22/2022	10	600	500	327
05/22/2022	11	600	550	339
05/22/2022	12	600	550	336
05/22/2022	13	600	600	342
05/22/2022	14	600	600	352
05/22/2022	15	600	550	353
05/22/2022	16	600	500	350
05/22/2022	17	600	460	339
05/22/2022	18	668	550	339
05/22/2022	19	668	600	362
05/22/2022	20	668	600	364
05/22/2022	21	668	600	368
05/22/2022	22	668	600	365
05/22/2022	23	668	550	354
05/22/2022	24	668	500	343
05/23/2022	1	450	420	325
05/23/2022	2	450	420	316
05/23/2022	3	450	420	307
05/23/2022	4	450	420	299
05/23/2022	5	450	420	298
05/23/2022	6	450	420	303
05/23/2022	7	450	420	321
05/23/2022	8	550	500	357
05/23/2022	9	600	550	394
05/23/2022	10	600	600	421
05/23/2022	11	668	600	437
05/23/2022	12	668	600	435
05/23/2022	13	668	600	440
05/23/2022	14	668	600	448
05/23/2022	15	668	600	426
05/23/2022	16	668	600	413
05/23/2022	17	668	600	399
05/23/2022	18	668	600	390
05/23/2022	19	668	600	392
05/23/2022	20	668	600	388
05/23/2022	21	668	600	387
05/23/2022	22	668	600	376
05/23/2022	23	668	600	364
05/23/2022	24	668	600	350
05/24/2022	1	450	420	330
05/24/2022	2	450	420	321
05/24/2022	3	450	420	313
05/24/2022	4	450	420	305
05/24/2022	5	450	420	307
05/24/2022	6	450	420	307
05/24/2022	7	550	500	317
05/24/2022	8	668	600	353

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/24/2022	9	668	600	391
05/24/2022	10	668	600	412
05/24/2022	11	668	600	425
05/24/2022	12	668	600	418
05/24/2022	13	668	600	421
05/24/2022	14	668	600	434
05/24/2022	15	668	600	427
05/24/2022	16	668	600	407
05/24/2022	17	668	600	392
05/24/2022	18	668	600	381
05/24/2022	19	668	600	374
05/24/2022	20	668	600	372
05/24/2022	21	668	600	365
05/24/2022	22	668	600	355
05/24/2022	23	668	600	352
05/24/2022	24	668	600	347
05/25/2022	1	450	420	339
05/25/2022	2	450	420	330
05/25/2022	3	450	420	321
05/25/2022	4	450	420	316
05/25/2022	5	450	420	313
05/25/2022	6	450	420	314
05/25/2022	7	550	500	325
05/25/2022	8	668	600	365
05/25/2022	9	668	600	401
05/25/2022	10	668	600	427
05/25/2022	11	668	600	439
05/25/2022	12	668	600	433
05/25/2022	13	668	600	438
05/25/2022	14	668	600	440
05/25/2022	15	668	600	424
05/25/2022	16	668	600	415
05/25/2022	17	668	600	401
05/25/2022	18	668	600	386
05/25/2022	19	668	600	382
05/25/2022	20	668	600	379
05/25/2022	21	668	600	372
05/25/2022	22	668	600	370
05/25/2022	23	668	600	357
05/25/2022	24	668	600	349
05/26/2022	1	450	420	366
05/26/2022	2	450	420	351
05/26/2022	3	450	420	338
05/26/2022	4	450	420	329
05/26/2022	5	450	420	326
05/26/2022	6	450	420	322
05/26/2022	7	550	500	324
05/26/2022	8	668	600	363
05/26/2022	9	668	600	404
05/26/2022	10	668	600	430
05/26/2022	11	668	600	442
05/26/2022	12	668	600	436
05/26/2022	13	668	600	440
05/26/2022	14	668	600	430
05/26/2022	15	668	600	414
05/26/2022	16	668	600	405
05/26/2022	17	668	600	391
05/26/2022	18	668	600	377
05/26/2022	19	668	600	380
05/26/2022	20	668	600	377
05/26/2022	21	668	600	371
05/26/2022	22	668	600	362
05/26/2022	23	668	600	348
05/26/2022	24	668	600	341
05/27/2022	1	450	420	368

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/27/2022	2	450	420	354
05/27/2022	3	450	420	341
05/27/2022	4	450	420	331
05/27/2022	5	450	420	329
05/27/2022	6	450	420	325
05/27/2022	7	550	500	339
05/27/2022	8	668	600	379
05/27/2022	9	668	600	418
05/27/2022	10	668	600	443
05/27/2022	11	668	600	458
05/27/2022	12	668	600	450
05/27/2022	13	668	600	454
05/27/2022	14	668	600	450
05/27/2022	15	668	600	439
05/27/2022	16	668	600	431
05/27/2022	17	668	600	407
05/27/2022	18	668	600	395
05/27/2022	19	668	600	403
05/27/2022	20	668	600	412
05/27/2022	21	668	600	410
05/27/2022	22	668	600	400
05/27/2022	23	668	600	387
05/27/2022	24	668	600	323
05/28/2022	1	450	420	321
05/28/2022	2	450	420	311
05/28/2022	3	450	350	299
05/28/2022	4	350	320	292
05/28/2022	5	350	320	292
05/28/2022	6	420	350	287
05/28/2022	7	420	350	296
05/28/2022	8	450	420	315
05/28/2022	9	450	420	343
05/28/2022	10	550	500	367
05/28/2022	11	668	600	383
05/28/2022	12	668	600	370
05/28/2022	13	668	600	369
05/28/2022	14	668	600	377
05/28/2022	15	668	600	377
05/28/2022	16	668	600	367
05/28/2022	17	520	500	357
05/28/2022	18	520	500	357
05/28/2022	19	668	600	363
05/28/2022	20	668	600	370
05/28/2022	21	668	600	369
05/28/2022	22	668	600	359
05/28/2022	23	668	600	346
05/28/2022	24	668	600	338
05/29/2022	1	668	500	350
05/29/2022	2	500	455	337
05/29/2022	3	455	450	326
05/29/2022	4	455	450	315
05/29/2022	5	400	400	306
05/29/2022	6	400	400	289
05/29/2022	7	450	400	283
05/29/2022	8	500	450	293
05/29/2022	9	550	450	308
05/29/2022	10	600	455	328
05/29/2022	11	600	455	340
05/29/2022	12	600	455	337
05/29/2022	13	600	455	343
05/29/2022	14	600	455	353
05/29/2022	15	600	455	354
05/29/2022	16	600	455	351
05/29/2022	17	600	455	340
05/29/2022	18	600	455	340

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
05/29/2022	19	668	455	363
05/29/2022	20	668	500	365
05/29/2022	21	668	550	369
05/29/2022	22	668	500	366
05/29/2022	23	668	455	355
05/29/2022	24	668	455	344
05/30/2022	1	450	420	323
05/30/2022	2	450	420	312
05/30/2022	3	450	420	303
05/30/2022	4	420	390	296
05/30/2022	5	420	382	300
05/30/2022	6	450	420	304
05/30/2022	7	450	420	322
05/30/2022	8	550	500	365
05/30/2022	9	668	600	400
05/30/2022	10	668	600	429
05/30/2022	11	668	600	446
05/30/2022	12	668	600	440
05/30/2022	13	668	600	445
05/30/2022	14	668	600	457
05/30/2022	15	668	600	445
05/30/2022	16	668	600	432
05/30/2022	17	668	600	413
05/30/2022	18	668	600	406
05/30/2022	19	668	600	412
05/30/2022	20	668	600	406
05/30/2022	21	668	600	404
05/30/2022	22	668	600	392
05/30/2022	23	668	600	377
05/30/2022	24	668	600	365
05/31/2022	1	668	600	339
05/31/2022	2	550	500	330
05/31/2022	3	450	420	319
05/31/2022	4	450	420	310
05/31/2022	5	450	420	313
05/31/2022	6	450	420	310
05/31/2022	7	500	450	325
05/31/2022	8	550	550	366
05/31/2022	9	668	600	398
05/31/2022	10	668	600	422
05/31/2022	11	668	600	436
05/31/2022	12	668	600	430
05/31/2022	13	668	600	434
05/31/2022	14	668	600	450
05/31/2022	15	668	600	450
05/31/2022	16	668	600	442
05/31/2022	17	668	600	419
05/31/2022	18	668	600	395
05/31/2022	19	668	600	416
05/31/2022	20	668	600	414
05/31/2022	21	668	600	416
05/31/2022	22	668	600	408
05/31/2022	23	668	600	397
05/31/2022	24	668	600	382
06/01/2022	1	668	600	368
06/01/2022	2	668	600	353
06/01/2022	3	550	500	340
06/01/2022	4	460	455	330
06/01/2022	5	460	455	328
06/01/2022	6	460	455	324
06/01/2022	7	500	500	333
06/01/2022	8	550	500	373
06/01/2022	9	668	600	407
06/01/2022	10	668	600	430
06/01/2022	11	668	600	444

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/01/2022	12	668	600	436
06/01/2022	13	668	600	440
06/01/2022	14	668	600	449
06/01/2022	15	668	600	438
06/01/2022	16	668	600	431
06/01/2022	17	668	600	409
06/01/2022	18	668	600	397
06/01/2022	19	668	600	405
06/01/2022	20	668	600	405
06/01/2022	21	668	600	404
06/01/2022	22	668	600	394
06/01/2022	23	668	600	381
06/01/2022	24	668	600	376
06/02/2022	1	668	600	348
06/02/2022	2	668	600	334
06/02/2022	3	550	500	323
06/02/2022	4	455	450	316
06/02/2022	5	455	450	316
06/02/2022	6	455	450	315
06/02/2022	7	500	500	327
06/02/2022	8	550	500	365
06/02/2022	9	668	600	399
06/02/2022	10	668	600	422
06/02/2022	11	668	600	434
06/02/2022	12	668	600	426
06/02/2022	13	668	600	424
06/02/2022	14	668	600	438
06/02/2022	15	668	600	437
06/02/2022	16	668	600	427
06/02/2022	17	668	600	409
06/02/2022	18	668	600	395
06/02/2022	19	668	600	404
06/02/2022	20	668	600	403
06/02/2022	21	668	600	400
06/02/2022	22	668	600	392
06/02/2022	23	668	600	381
06/02/2022	24	668	600	368
06/03/2022	1	668	600	346
06/03/2022	2	668	600	332
06/03/2022	3	550	500	322
06/03/2022	4	455	450	316
06/03/2022	5	455	450	316
06/03/2022	6	455	450	315
06/03/2022	7	500	455	326
06/03/2022	8	550	500	361
06/03/2022	9	668	600	391
06/03/2022	10	668	600	415
06/03/2022	11	668	600	424
06/03/2022	12	668	600	416
06/03/2022	13	668	600	415
06/03/2022	14	668	600	423
06/03/2022	15	668	600	414
06/03/2022	16	668	600	404
06/03/2022	17	668	600	388
06/03/2022	18	668	600	379
06/03/2022	19	668	600	385
06/03/2022	20	668	600	383
06/03/2022	21	668	600	377
06/03/2022	22	668	600	365
06/03/2022	23	668	600	350
06/03/2022	24	668	600	334
06/04/2022	1	668	600	363
06/04/2022	2	668	600	350
06/04/2022	3	550	500	339
06/04/2022	4	455	450	330

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/04/2022	5	455	450	322
06/04/2022	6	455	450	314
06/04/2022	7	455	450	314
06/04/2022	8	455	450	335
06/04/2022	9	460	455	360
06/04/2022	10	600	550	380
06/04/2022	11	668	600	393
06/04/2022	12	668	600	386
06/04/2022	13	668	600	387
06/04/2022	14	668	600	397
06/04/2022	15	668	600	393
06/04/2022	16	668	600	379
06/04/2022	17	668	600	368
06/04/2022	18	668	600	366
06/04/2022	19	668	600	383
06/04/2022	20	668	600	383
06/04/2022	21	668	600	384
06/04/2022	22	668	600	377
06/04/2022	23	668	600	366
06/04/2022	24	668	600	356
06/05/2022	1	668	600	341
06/05/2022	2	600	550	331
06/05/2022	3	550	500	321
06/05/2022	4	500	455	312
06/05/2022	5	500	455	305
06/05/2022	6	500	455	294
06/05/2022	7	500	455	299
06/05/2022	8	500	455	314
06/05/2022	9	552	455	335
06/05/2022	10	600	494	353
06/05/2022	11	668	600	365
06/05/2022	12	668	600	361
06/05/2022	13	668	600	363
06/05/2022	14	668	600	368
06/05/2022	15	668	600	369
06/05/2022	16	668	600	366
06/05/2022	17	668	600	360
06/05/2022	18	668	600	359
06/05/2022	19	668	600	383
06/05/2022	20	668	600	385
06/05/2022	21	668	600	387
06/05/2022	22	668	600	384
06/05/2022	23	668	600	373
06/05/2022	24	668	600	362
06/06/2022	1	480	460	335
06/06/2022	2	480	460	324
06/06/2022	3	480	460	311
06/06/2022	4	480	460	303
06/06/2022	5	480	460	302
06/06/2022	6	480	460	305
06/06/2022	7	550	500	323
06/06/2022	8	668	600	363
06/06/2022	9	668	600	399
06/06/2022	10	668	600	426
06/06/2022	11	668	600	438
06/06/2022	12	668	600	433
06/06/2022	13	668	600	439
06/06/2022	14	668	600	453
06/06/2022	15	668	600	454
06/06/2022	16	668	600	440
06/06/2022	17	668	600	412
06/06/2022	18	668	600	396
06/06/2022	19	668	600	409
06/06/2022	20	668	600	413
06/06/2022	21	668	600	412

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/06/2022	22	668	600	404
06/06/2022	23	668	600	393
06/06/2022	24	668	600	378
06/07/2022	1	668	600	364
06/07/2022	2	550	500	345
06/07/2022	3	480	460	333
06/07/2022	4	480	460	324
06/07/2022	5	480	460	324
06/07/2022	6	480	460	318
06/07/2022	7	550	500	330
06/07/2022	8	668	600	367
06/07/2022	9	668	600	398
06/07/2022	10	668	600	421
06/07/2022	11	668	600	435
06/07/2022	12	668	600	430
06/07/2022	13	668	600	434
06/07/2022	14	668	600	451
06/07/2022	15	668	600	450
06/07/2022	16	668	600	442
06/07/2022	17	668	600	419
06/07/2022	18	668	600	402
06/07/2022	19	668	600	416
06/07/2022	20	668	600	414
06/07/2022	21	668	600	416
06/07/2022	22	668	600	408
06/07/2022	23	668	600	397
06/07/2022	24	668	600	381
06/08/2022	1	668	600	345
06/08/2022	2	550	500	333
06/08/2022	3	480	460	322
06/08/2022	4	480	460	312
06/08/2022	5	480	460	311
06/08/2022	6	480	460	310
06/08/2022	7	550	500	330
06/08/2022	8	668	600	370
06/08/2022	9	668	600	408
06/08/2022	10	668	600	434
06/08/2022	11	668	600	446
06/08/2022	12	668	600	441
06/08/2022	13	668	600	444
06/08/2022	14	668	600	457
06/08/2022	15	668	600	452
06/08/2022	16	668	600	442
06/08/2022	17	668	600	418
06/08/2022	18	668	600	406
06/08/2022	19	668	600	418
06/08/2022	20	668	600	419
06/08/2022	21	668	600	419
06/08/2022	22	668	600	407
06/08/2022	23	668	600	395
06/08/2022	24	668	600	376
06/09/2022	1	668	600	358
06/09/2022	2	550	500	344
06/09/2022	3	480	460	334
06/09/2022	4	480	460	325
06/09/2022	5	480	460	324
06/09/2022	6	480	460	318
06/09/2022	7	550	500	330
06/09/2022	8	668	600	370
06/09/2022	9	668	600	406
06/09/2022	10	668	600	427
06/09/2022	11	668	600	441
06/09/2022	12	668	600	436
06/09/2022	13	668	600	440
06/09/2022	14	668	600	452

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/09/2022	15	668	600	450
06/09/2022	16	668	600	440
06/09/2022	17	668	600	422
06/09/2022	18	668	600	405
06/09/2022	19	668	600	422
06/09/2022	20	668	600	409
06/09/2022	21	668	600	408
06/09/2022	22	668	600	402
06/09/2022	23	668	600	390
06/09/2022	24	668	600	345
06/10/2022	1	668	600	356
06/10/2022	2	550	500	342
06/10/2022	3	480	460	331
06/10/2022	4	480	460	322
06/10/2022	5	480	460	322
06/10/2022	6	480	460	316
06/10/2022	7	550	500	326
06/10/2022	8	668	600	366
06/10/2022	9	668	600	401
06/10/2022	10	668	600	420
06/10/2022	11	668	600	439
06/10/2022	12	668	600	433
06/10/2022	13	668	600	438
06/10/2022	14	668	600	455
06/10/2022	15	668	600	451
06/10/2022	16	668	600	438
06/10/2022	17	668	600	405
06/10/2022	18	668	600	391
06/10/2022	19	668	600	400
06/10/2022	20	668	600	403
06/10/2022	21	668	600	401
06/10/2022	22	668	600	395
06/10/2022	23	668	600	384
06/10/2022	24	668	600	376
06/11/2022	1	668	600	377
06/11/2022	2	668	600	364
06/11/2022	3	668	510	351
06/11/2022	4	550	455	339
06/11/2022	5	460	455	333
06/11/2022	6	460	455	320
06/11/2022	7	460	455	324
06/11/2022	8	460	455	355
06/11/2022	9	550	510	379
06/11/2022	10	668	600	400
06/11/2022	11	668	600	411
06/11/2022	12	668	600	407
06/11/2022	13	668	600	413
06/11/2022	14	668	600	424
06/11/2022	15	668	600	424
06/11/2022	16	668	600	415
06/11/2022	17	668	600	395
06/11/2022	18	668	600	388
06/11/2022	19	668	600	406
06/11/2022	20	668	600	404
06/11/2022	21	668	600	406
06/11/2022	22	668	600	398
06/11/2022	23	668	600	387
06/11/2022	24	668	600	369
06/12/2022	1	556	556	361
06/12/2022	2	480	464	347
06/12/2022	3	480	460	337
06/12/2022	4	480	460	325
06/12/2022	5	480	460	317
06/12/2022	6	480	455	303
06/12/2022	7	480	464	302

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/12/2022	8	480	464	317
06/12/2022	9	480	464	335
06/12/2022	10	510	480	357
06/12/2022	11	600	510	367
06/12/2022	12	556	550	366
06/12/2022	13	600	550	372
06/12/2022	14	600	550	379
06/12/2022	15	600	550	378
06/12/2022	16	556	550	366
06/12/2022	17	556	550	358
06/12/2022	18	668	600	363
06/12/2022	19	668	600	384
06/12/2022	20	668	600	393
06/12/2022	21	668	600	394
06/12/2022	22	668	600	390
06/12/2022	23	668	600	380
06/12/2022	24	668	556	363
06/13/2022	1	500	464	345
06/13/2022	2	460	460	332
06/13/2022	3	460	460	322
06/13/2022	4	460	455	313
06/13/2022	5	460	455	311
06/13/2022	6	460	455	311
06/13/2022	7	460	455	331
06/13/2022	8	550	510	371
06/13/2022	9	668	600	410
06/13/2022	10	668	600	437
06/13/2022	11	668	600	450
06/13/2022	12	668	600	445
06/13/2022	13	668	600	448
06/13/2022	14	668	600	462
06/13/2022	15	668	600	456
06/13/2022	16	668	600	446
06/13/2022	17	668	600	421
06/13/2022	18	668	600	407
06/13/2022	19	668	600	420
06/13/2022	20	668	600	422
06/13/2022	21	668	600	421
06/13/2022	22	668	600	408
06/13/2022	23	668	600	395
06/13/2022	24	668	600	379
06/14/2022	1	668	600	367
06/14/2022	2	550	510	355
06/14/2022	3	460	460	346
06/14/2022	4	460	460	337
06/14/2022	5	460	460	333
06/14/2022	6	460	460	329
06/14/2022	7	460	460	340
06/14/2022	8	550	510	380
06/14/2022	9	668	600	413
06/14/2022	10	668	600	430
06/14/2022	11	668	600	445
06/14/2022	12	668	600	444
06/14/2022	13	668	600	448
06/14/2022	14	668	600	459
06/14/2022	15	668	600	449
06/14/2022	16	668	600	450
06/14/2022	17	668	600	424
06/14/2022	18	668	600	407
06/14/2022	19	668	600	418
06/14/2022	20	668	600	424
06/14/2022	21	668	600	425
06/14/2022	22	668	600	418
06/14/2022	23	668	600	405
06/14/2022	24	668	600	390

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/15/2022	1	668	600	358
06/15/2022	2	550	510	345
06/15/2022	3	460	460	335
06/15/2022	4	460	460	327
06/15/2022	5	460	460	324
06/15/2022	6	460	460	322
06/15/2022	7	460	460	335
06/15/2022	8	550	510	376
06/15/2022	9	668	600	410
06/15/2022	10	668	600	432
06/15/2022	11	668	600	445
06/15/2022	12	668	600	442
06/15/2022	13	668	600	447
06/15/2022	14	668	600	461
06/15/2022	15	668	600	455
06/15/2022	16	668	600	448
06/15/2022	17	668	600	421
06/15/2022	18	668	600	407
06/15/2022	19	668	600	417
06/15/2022	20	668	600	419
06/15/2022	21	668	600	421
06/15/2022	22	668	600	413
06/15/2022	23	668	600	401
06/15/2022	24	668	600	374
06/16/2022	1	668	600	363
06/16/2022	2	550	510	350
06/16/2022	3	460	427	338
06/16/2022	4	460	427	315
06/16/2022	5	460	427	315
06/16/2022	6	460	427	315
06/16/2022	7	460	427	339
06/16/2022	8	550	510	375
06/16/2022	9	668	600	408
06/16/2022	10	668	600	426
06/16/2022	11	668	600	424
06/16/2022	12	668	600	424
06/16/2022	13	668	600	439
06/16/2022	14	668	600	452
06/16/2022	15	668	600	445
06/16/2022	16	668	600	395
06/16/2022	17	668	600	413
06/16/2022	18	668	600	397
06/16/2022	19	668	600	406
06/16/2022	20	668	600	409
06/16/2022	21	668	600	411
06/16/2022	22	668	600	402
06/16/2022	23	668	600	390
06/16/2022	24	668	600	354
06/17/2022	1	668	600	367
06/17/2022	2	550	510	353
06/17/2022	3	460	427	341
06/17/2022	4	460	427	332
06/17/2022	5	460	427	329
06/17/2022	6	460	427	325
06/17/2022	7	460	427	338
06/17/2022	8	550	510	373
06/17/2022	9	668	600	405
06/17/2022	10	668	600	427
06/17/2022	11	668	600	439
06/17/2022	12	668	600	437
06/17/2022	13	668	600	444
06/17/2022	14	668	600	462
06/17/2022	15	668	600	457
06/17/2022	16	668	600	450
06/17/2022	17	668	600	419

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/17/2022	18	668	600	403
06/17/2022	19	668	600	419
06/17/2022	20	668	600	421
06/17/2022	21	668	600	420
06/17/2022	22	668	600	412
06/17/2022	23	668	600	398
06/17/2022	24	668	600	388
06/18/2022	1	668	600	374
06/18/2022	2	600	600	362
06/18/2022	3	510	510	352
06/18/2022	4	460	460	339
06/18/2022	5	460	460	334
06/18/2022	6	460	460	320
06/18/2022	7	460	460	321
06/18/2022	8	550	460	346
06/18/2022	9	668	460	374
06/18/2022	10	668	510	398
06/18/2022	11	668	600	411
06/18/2022	12	668	600	405
06/18/2022	13	668	600	410
06/18/2022	14	668	600	421
06/18/2022	15	668	600	414
06/18/2022	16	668	600	399
06/18/2022	17	668	600	384
06/18/2022	18	668	600	380
06/18/2022	19	668	600	399
06/18/2022	20	668	600	404
06/18/2022	21	668	600	409
06/18/2022	22	668	600	403
06/18/2022	23	668	600	394
06/18/2022	24	668	600	381
06/19/2022	1	556	480	345
06/19/2022	2	480	464	335
06/19/2022	3	480	460	326
06/19/2022	4	480	425	316
06/19/2022	5	480	455	309
06/19/2022	6	480	433	297
06/19/2022	7	480	404	303
06/19/2022	8	480	455	318
06/19/2022	9	500	460	339
06/19/2022	10	550	464	357
06/19/2022	11	600	510	369
06/19/2022	12	550	510	366
06/19/2022	13	556	550	368
06/19/2022	14	556	510	373
06/19/2022	15	574	556	374
06/19/2022	16	600	556	370
06/19/2022	17	600	556	364
06/19/2022	18	600	600	363
06/19/2022	19	668	600	388
06/19/2022	20	668	600	390
06/19/2022	21	668	600	392
06/19/2022	22	668	600	389
06/19/2022	23	600	600	377
06/19/2022	24	619	600	366
06/20/2022	1	550	510	340
06/20/2022	2	460	460	328
06/20/2022	3	460	460	319
06/20/2022	4	460	460	311
06/20/2022	5	460	460	309
06/20/2022	6	460	460	309
06/20/2022	7	550	510	327
06/20/2022	8	668	600	370
06/20/2022	9	668	600	407
06/20/2022	10	668	600	431

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/20/2022	11	668	600	444
06/20/2022	12	668	600	439
06/20/2022	13	668	600	446
06/20/2022	14	668	600	462
06/20/2022	15	668	600	461
06/20/2022	16	668	600	450
06/20/2022	17	668	600	418
06/20/2022	18	668	600	406
06/20/2022	19	668	600	414
06/20/2022	20	668	600	418
06/20/2022	21	668	600	421
06/20/2022	22	668	600	412
06/20/2022	23	668	600	396
06/20/2022	24	668	600	378
06/21/2022	1	668	600	365
06/21/2022	2	668	600	352
06/21/2022	3	668	600	341
06/21/2022	4	668	600	330
06/21/2022	5	668	600	329
06/21/2022	6	668	556	327
06/21/2022	7	668	556	340
06/21/2022	8	668	600	379
06/21/2022	9	668	600	415
06/21/2022	10	668	600	453
06/21/2022	11	668	600	441
06/21/2022	12	668	600	455
06/21/2022	13	668	600	447
06/21/2022	14	668	600	454
06/21/2022	15	668	600	440
06/21/2022	16	668	600	429
06/21/2022	17	668	600	411
06/21/2022	18	668	600	399
06/21/2022	19	668	600	404
06/21/2022	20	668	600	404
06/21/2022	21	668	600	406
06/21/2022	22	668	600	395
06/21/2022	23	668	600	382
06/21/2022	24	668	600	382
06/22/2022	1	668	600	358
06/22/2022	2	668	600	348
06/22/2022	3	668	600	337
06/22/2022	4	668	600	327
06/22/2022	5	668	600	326
06/22/2022	6	668	600	321
06/22/2022	7	668	600	337
06/22/2022	8	668	600	375
06/22/2022	9	668	600	407
06/22/2022	10	668	600	430
06/22/2022	11	668	600	438
06/22/2022	12	668	600	436
06/22/2022	13	668	600	440
06/22/2022	14	668	600	446
06/22/2022	15	668	600	436
06/22/2022	16	668	600	423
06/22/2022	17	668	600	407
06/22/2022	18	668	600	396
06/22/2022	19	668	600	396
06/22/2022	20	668	600	397
06/22/2022	21	668	600	396
06/22/2022	22	668	600	395
06/22/2022	23	668	600	382
06/22/2022	24	668	600	376
06/23/2022	1	668	600	351
06/23/2022	2	668	600	338
06/23/2022	3	668	600	328

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/23/2022	4	668	600	321
06/23/2022	5	668	600	320
06/23/2022	6	668	600	317
06/23/2022	7	668	600	331
06/23/2022	8	668	600	369
06/23/2022	9	668	600	403
06/23/2022	10	668	600	427
06/23/2022	11	668	600	441
06/23/2022	12	668	600	433
06/23/2022	13	668	600	439
06/23/2022	14	668	600	443
06/23/2022	15	668	600	440
06/23/2022	16	668	600	439
06/23/2022	17	668	600	420
06/23/2022	18	668	600	405
06/23/2022	19	668	600	418
06/23/2022	20	668	600	411
06/23/2022	21	668	600	413
06/23/2022	22	668	600	405
06/23/2022	23	668	600	394
06/23/2022	24	668	600	380
06/24/2022	1	668	600	350
06/24/2022	2	668	600	337
06/24/2022	3	668	600	326
06/24/2022	4	668	600	317
06/24/2022	5	668	600	315
06/24/2022	6	668	600	311
06/24/2022	7	668	600	324
06/24/2022	8	668	600	361
06/24/2022	9	668	600	394
06/24/2022	10	668	600	415
06/24/2022	11	668	600	431
06/24/2022	12	668	600	422
06/24/2022	13	668	600	426
06/24/2022	14	668	600	433
06/24/2022	15	668	600	440
06/24/2022	16	668	600	431
06/24/2022	17	668	600	405
06/24/2022	18	668	600	388
06/24/2022	19	668	600	400
06/24/2022	20	668	600	402
06/24/2022	21	668	600	401
06/24/2022	22	668	600	393
06/24/2022	23	668	600	381
06/24/2022	24	668	600	369
06/25/2022	1	668	600	352
06/25/2022	2	580	510	341
06/25/2022	3	580	510	331
06/25/2022	4	580	510	323
06/25/2022	5	580	510	320
06/25/2022	6	580	510	319
06/25/2022	7	580	510	328
06/25/2022	8	580	510	339
06/25/2022	9	580	510	367
06/25/2022	10	668	600	390
06/25/2022	11	668	600	403
06/25/2022	12	668	600	397
06/25/2022	13	668	600	402
06/25/2022	14	668	600	412
06/25/2022	15	668	600	405
06/25/2022	16	668	600	391
06/25/2022	17	668	600	376
06/25/2022	18	668	600	365
06/25/2022	19	668	600	391
06/25/2022	20	668	600	396

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/25/2022	21	668	600	400
06/25/2022	22	668	600	395
06/25/2022	23	668	600	386
06/25/2022	24	668	600	367
06/26/2022	1	668	600	351
06/26/2022	2	614	600	341
06/26/2022	3	600	600	328
06/26/2022	4	600	600	320
06/26/2022	5	600	579	312
06/26/2022	6	556	548	300
06/26/2022	7	548	510	300
06/26/2022	8	556	548	313
06/26/2022	9	600	561	331
06/26/2022	10	600	600	353
06/26/2022	11	600	600	366
06/26/2022	12	668	600	363
06/26/2022	13	668	600	370
06/26/2022	14	668	600	381
06/26/2022	15	668	600	374
06/26/2022	16	668	600	354
06/26/2022	17	668	600	346
06/26/2022	18	668	600	351
06/26/2022	19	668	600	365
06/26/2022	20	668	600	369
06/26/2022	21	668	600	372
06/26/2022	22	668	600	370
06/26/2022	23	668	600	359
06/26/2022	24	668	600	347
06/27/2022	1	580	510	336
06/27/2022	2	580	510	324
06/27/2022	3	580	510	313
06/27/2022	4	580	510	306
06/27/2022	5	580	510	305
06/27/2022	6	580	510	307
06/27/2022	7	580	510	328
06/27/2022	8	668	600	366
06/27/2022	9	668	600	404
06/27/2022	10	668	600	429
06/27/2022	11	668	600	443
06/27/2022	12	668	600	439
06/27/2022	13	668	600	441
06/27/2022	14	668	600	455
06/27/2022	15	668	600	451
06/27/2022	16	668	600	447
06/27/2022	17	668	600	423
06/27/2022	18	668	600	405
06/27/2022	19	668	600	418
06/27/2022	20	668	600	416
06/27/2022	21	668	600	414
06/27/2022	22	668	600	407
06/27/2022	23	668	600	393
06/27/2022	24	668	600	377
06/28/2022	1	580	510	345
06/28/2022	2	580	510	334
06/28/2022	3	580	510	321
06/28/2022	4	580	510	312
06/28/2022	5	580	510	310
06/28/2022	6	580	510	307
06/28/2022	7	580	510	320
06/28/2022	8	668	600	356
06/28/2022	9	668	600	387
06/28/2022	10	668	600	410
06/28/2022	11	668	600	416
06/28/2022	12	668	600	412
06/28/2022	13	668	600	415

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
06/28/2022	14	668	600	428
06/28/2022	15	668	600	429
06/28/2022	16	668	600	423
06/28/2022	17	668	600	403
06/28/2022	18	668	600	385
06/28/2022	19	668	600	392
06/28/2022	20	668	600	391
06/28/2022	21	668	600	390
06/28/2022	22	668	600	381
06/28/2022	23	668	600	367
06/28/2022	24	668	600	370
06/29/2022	1	580	510	347
06/29/2022	2	580	510	336
06/29/2022	3	550	464	328
06/29/2022	4	550	464	320
06/29/2022	5	550	464	318
06/29/2022	6	550	464	316
06/29/2022	7	580	510	330
06/29/2022	8	668	600	369
06/29/2022	9	668	600	404
06/29/2022	10	668	600	428
06/29/2022	11	668	600	437
06/29/2022	12	668	600	431
06/29/2022	13	668	600	435
06/29/2022	14	668	600	444
06/29/2022	15	668	600	433
06/29/2022	16	668	600	421
06/29/2022	17	668	600	404
06/29/2022	18	668	600	391
06/29/2022	19	668	600	400
06/29/2022	20	668	600	399
06/29/2022	21	668	600	395
06/29/2022	22	668	600	385
06/29/2022	23	668	600	372
06/29/2022	24	668	600	365
06/30/2022	1	580	510	333
06/30/2022	2	580	510	319
06/30/2022	3	550	464	308
06/30/2022	4	550	464	300
06/30/2022	5	550	464	298
06/30/2022	6	550	464	295
06/30/2022	7	580	510	308
06/30/2022	8	668	600	342
06/30/2022	9	668	600	373
06/30/2022	10	668	600	397
06/30/2022	11	668	600	409
06/30/2022	12	668	600	404
06/30/2022	13	668	600	409
06/30/2022	14	668	600	423
06/30/2022	15	668	600	417
06/30/2022	16	668	600	405
06/30/2022	17	668	600	385
06/30/2022	18	668	600	371
06/30/2022	19	668	600	381
06/30/2022	20	668	600	378
06/30/2022	21	668	600	381
06/30/2022	22	668	600	373
06/30/2022	23	668	600	364
06/30/2022	24	668	600	366
07/01/2022	1	580	510	347
07/01/2022	2	580	510	337
07/01/2022	3	550	464	326
07/01/2022	4	550	464	318
07/01/2022	5	550	464	316
07/01/2022	6	550	464	313

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/01/2022	7	580	510	327
07/01/2022	8	668	600	357
07/01/2022	9	668	600	390
07/01/2022	10	668	600	413
07/01/2022	11	668	600	422
07/01/2022	12	668	600	415
07/01/2022	13	668	600	414
07/01/2022	14	668	600	427
07/01/2022	15	668	600	424
07/01/2022	16	668	600	418
07/01/2022	17	668	600	401
07/01/2022	18	668	600	390
07/01/2022	19	668	600	405
07/01/2022	20	668	600	406
07/01/2022	21	668	600	405
07/01/2022	22	668	600	395
07/01/2022	23	668	600	382
07/01/2022	24	668	600	367
07/02/2022	1	580	510	329
07/02/2022	2	580	510	318
07/02/2022	3	550	464	310
07/02/2022	4	550	464	304
07/02/2022	5	550	464	302
07/02/2022	6	550	464	302
07/02/2022	7	580	510	312
07/02/2022	8	668	600	330
07/02/2022	9	668	600	356
07/02/2022	10	668	600	377
07/02/2022	11	668	600	384
07/02/2022	12	668	600	378
07/02/2022	13	668	600	381
07/02/2022	14	668	600	383
07/02/2022	15	668	600	379
07/02/2022	16	668	600	369
07/02/2022	17	668	600	360
07/02/2022	18	668	600	354
07/02/2022	19	668	600	373
07/02/2022	20	668	600	375
07/02/2022	21	668	600	374
07/02/2022	22	668	600	366
07/02/2022	23	668	600	354
07/02/2022	24	668	600	344
07/03/2022	1	600	556	339
07/03/2022	2	600	556	329
07/03/2022	3	600	556	317
07/03/2022	4	600	556	310
07/03/2022	5	600	556	302
07/03/2022	6	600	600	290
07/03/2022	7	600	600	290
07/03/2022	8	600	600	303
07/03/2022	9	600	600	320
07/03/2022	10	600	600	341
07/03/2022	11	600	600	353
07/03/2022	12	600	600	351
07/03/2022	13	600	600	358
07/03/2022	14	600	600	369
07/03/2022	15	600	600	361
07/03/2022	16	600	600	342
07/03/2022	17	600	600	335
07/03/2022	18	600	600	339
07/03/2022	19	600	600	353
07/03/2022	20	600	600	356
07/03/2022	21	600	600	360
07/03/2022	22	600	600	358
07/03/2022	23	600	556	347

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/03/2022	24	600	556	335
07/04/2022	1	580	510	315
07/04/2022	2	580	510	304
07/04/2022	3	550	464	295
07/04/2022	4	550	464	290
07/04/2022	5	550	464	291
07/04/2022	6	550	464	296
07/04/2022	7	580	510	311
07/04/2022	8	668	600	346
07/04/2022	9	668	600	378
07/04/2022	10	668	600	400
07/04/2022	11	668	600	415
07/04/2022	12	668	600	409
07/04/2022	13	668	600	407
07/04/2022	14	668	600	422
07/04/2022	15	668	600	412
07/04/2022	16	668	600	403
07/04/2022	17	668	600	386
07/04/2022	18	668	600	376
07/04/2022	19	668	600	386
07/04/2022	20	668	600	388
07/04/2022	21	668	600	385
07/04/2022	22	668	600	374
07/04/2022	23	668	600	362
07/04/2022	24	668	600	347
07/05/2022	1	668	600	350
07/05/2022	2	668	510	340
07/05/2022	3	550	510	328
07/05/2022	4	550	464	320
07/05/2022	5	550	464	319
07/05/2022	6	550	464	320
07/05/2022	7	580	510	336
07/05/2022	8	668	600	371
07/05/2022	9	668	600	406
07/05/2022	10	668	600	429
07/05/2022	11	668	600	436
07/05/2022	12	668	600	431
07/05/2022	13	668	600	434
07/05/2022	14	668	600	434
07/05/2022	15	668	600	433
07/05/2022	16	668	600	427
07/05/2022	17	668	600	416
07/05/2022	18	668	600	398
07/05/2022	19	668	600	398
07/05/2022	20	668	600	397
07/05/2022	21	668	600	395
07/05/2022	22	668	600	394
07/05/2022	23	668	600	381
07/05/2022	24	668	600	353
07/06/2022	1	600	600	341
07/06/2022	2	550	510	331
07/06/2022	3	550	510	322
07/06/2022	4	550	464	313
07/06/2022	5	550	464	310
07/06/2022	6	550	464	310
07/06/2022	7	550	510	320
07/06/2022	8	668	600	349
07/06/2022	9	668	600	381
07/06/2022	10	668	600	407
07/06/2022	11	668	600	426
07/06/2022	12	668	600	412
07/06/2022	13	668	600	417
07/06/2022	14	668	600	424
07/06/2022	15	668	600	423
07/06/2022	16	668	600	420

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/06/2022	17	668	600	401
07/06/2022	18	668	600	381
07/06/2022	19	668	600	376
07/06/2022	20	668	600	377
07/06/2022	21	668	600	372
07/06/2022	22	668	600	364
07/06/2022	23	668	600	354
07/06/2022	24	668	600	354
07/07/2022	1	668	600	329
07/07/2022	2	550	510	319
07/07/2022	3	550	510	310
07/07/2022	4	500	464	304
07/07/2022	5	500	464	305
07/07/2022	6	500	464	305
07/07/2022	7	550	510	318
07/07/2022	8	668	600	350
07/07/2022	9	668	600	381
07/07/2022	10	668	600	402
07/07/2022	11	668	600	422
07/07/2022	12	668	600	410
07/07/2022	13	668	600	420
07/07/2022	14	668	600	428
07/07/2022	15	668	600	423
07/07/2022	16	668	600	412
07/07/2022	17	668	600	394
07/07/2022	18	668	600	383
07/07/2022	19	668	600	396
07/07/2022	20	668	600	395
07/07/2022	21	668	600	393
07/07/2022	22	668	600	383
07/07/2022	23	668	600	370
07/07/2022	24	668	600	350
07/08/2022	1	668	600	345
07/08/2022	2	550	510	334
07/08/2022	3	500	464	322
07/08/2022	4	500	464	311
07/08/2022	5	500	464	309
07/08/2022	6	500	464	309
07/08/2022	7	550	510	319
07/08/2022	8	668	600	345
07/08/2022	9	668	600	376
07/08/2022	10	668	600	397
07/08/2022	11	668	600	412
07/08/2022	12	668	600	405
07/08/2022	13	668	600	410
07/08/2022	14	668	600	423
07/08/2022	15	668	600	417
07/08/2022	16	668	600	406
07/08/2022	17	668	600	389
07/08/2022	18	668	600	378
07/08/2022	19	668	600	391
07/08/2022	20	668	600	390
07/08/2022	21	668	600	388
07/08/2022	22	668	600	377
07/08/2022	23	668	600	365
07/08/2022	24	668	600	353
07/09/2022	1	668	600	331
07/09/2022	2	550	510	319
07/09/2022	3	500	464	309
07/09/2022	4	500	464	303
07/09/2022	5	500	464	298
07/09/2022	6	500	464	291
07/09/2022	7	550	464	295
07/09/2022	8	668	464	319
07/09/2022	9	668	510	344

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/09/2022	10	668	510	362
07/09/2022	11	668	600	373
07/09/2022	12	668	600	367
07/09/2022	13	668	600	369
07/09/2022	14	668	600	378
07/09/2022	15	668	600	375
07/09/2022	16	668	600	368
07/09/2022	17	668	600	359
07/09/2022	18	668	600	355
07/09/2022	19	668	600	376
07/09/2022	20	668	600	378
07/09/2022	21	668	600	377
07/09/2022	22	668	600	369
07/09/2022	23	668	600	357
07/09/2022	24	668	600	350
07/10/2022	1	668	600	325
07/10/2022	2	668	600	314
07/10/2022	3	600	600	303
07/10/2022	4	600	566	293
07/10/2022	5	600	566	287
07/10/2022	6	600	556	278
07/10/2022	7	600	556	275
07/10/2022	8	600	556	288
07/10/2022	9	600	556	302
07/10/2022	10	600	600	319
07/10/2022	11	668	600	329
07/10/2022	12	668	600	330
07/10/2022	13	668	600	334
07/10/2022	14	668	600	340
07/10/2022	15	668	600	339
07/10/2022	16	668	600	334
07/10/2022	17	668	600	327
07/10/2022	18	668	600	337
07/10/2022	19	668	600	357
07/10/2022	20	668	600	362
07/10/2022	21	668	600	369
07/10/2022	22	668	600	364
07/10/2022	23	668	600	353
07/10/2022	24	668	600	338
07/11/2022	1	668	600	321
07/11/2022	2	550	510	310
07/11/2022	3	500	464	300
07/11/2022	4	500	464	291
07/11/2022	5	500	464	291
07/11/2022	6	500	464	292
07/11/2022	7	550	510	307
07/11/2022	8	668	600	338
07/11/2022	9	668	600	372
07/11/2022	10	668	600	394
07/11/2022	11	668	600	411
07/11/2022	12	668	600	409
07/11/2022	13	668	600	412
07/11/2022	14	668	600	423
07/11/2022	15	668	600	417
07/11/2022	16	668	600	394
07/11/2022	17	668	600	373
07/11/2022	18	668	600	362
07/11/2022	19	668	600	370
07/11/2022	20	668	600	369
07/11/2022	21	668	600	368
07/11/2022	22	668	600	357
07/11/2022	23	668	600	342
07/11/2022	24	668	600	330
07/12/2022	1	668	600	339
07/12/2022	2	550	510	329

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/12/2022	3	500	464	321
07/12/2022	4	500	464	314
07/12/2022	5	500	464	316
07/12/2022	6	500	464	310
07/12/2022	7	550	510	327
07/12/2022	8	668	600	361
07/12/2022	9	668	600	393
07/12/2022	10	668	600	411
07/12/2022	11	668	600	430
07/12/2022	12	668	600	424
07/12/2022	13	668	600	423
07/12/2022	14	668	600	433
07/12/2022	15	668	600	429
07/12/2022	16	668	600	420
07/12/2022	17	668	600	404
07/12/2022	18	668	600	391
07/12/2022	19	668	600	400
07/12/2022	20	668	600	400
07/12/2022	21	668	600	393
07/12/2022	22	668	600	374
07/12/2022	23	668	600	359
07/12/2022	24	668	600	339
07/13/2022	1	668	600	341
07/13/2022	2	550	510	331
07/13/2022	3	500	464	323
07/13/2022	4	500	464	316
07/13/2022	5	500	464	305
07/13/2022	6	500	464	307
07/13/2022	7	550	510	320
07/13/2022	8	668	600	356
07/13/2022	9	668	600	391
07/13/2022	10	668	600	419
07/13/2022	11	668	600	434
07/13/2022	12	668	600	428
07/13/2022	13	668	600	432
07/13/2022	14	668	600	427
07/13/2022	15	668	600	414
07/13/2022	16	668	600	411
07/13/2022	17	668	600	396
07/13/2022	18	668	600	385
07/13/2022	19	668	600	399
07/13/2022	20	668	600	398
07/13/2022	21	668	600	387
07/13/2022	22	668	600	385
07/13/2022	23	668	600	369
07/13/2022	24	668	600	354
07/14/2022	1	668	600	340
07/14/2022	2	550	510	329
07/14/2022	3	500	464	319
07/14/2022	4	500	464	312
07/14/2022	5	500	464	310
07/14/2022	6	500	464	310
07/14/2022	7	550	510	320
07/14/2022	8	668	600	350
07/14/2022	9	668	600	378
07/14/2022	10	668	600	405
07/14/2022	11	668	600	424
07/14/2022	12	668	600	413
07/14/2022	13	668	600	410
07/14/2022	14	668	600	422
07/14/2022	15	668	600	415
07/14/2022	16	668	600	404
07/14/2022	17	668	600	390
07/14/2022	18	668	600	383
07/14/2022	19	668	600	398

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/14/2022	20	668	600	395
07/14/2022	21	668	600	392
07/14/2022	22	668	600	380
07/14/2022	23	668	600	361
07/14/2022	24	668	600	340
07/15/2022	1	668	600	340
07/15/2022	2	550	510	328
07/15/2022	3	500	464	317
07/15/2022	4	500	464	309
07/15/2022	5	500	464	308
07/15/2022	6	500	464	308
07/15/2022	7	550	510	317
07/15/2022	8	668	600	345
07/15/2022	9	668	600	380
07/15/2022	10	668	600	400
07/15/2022	11	668	600	409
07/15/2022	12	668	600	403
07/15/2022	13	668	600	399
07/15/2022	14	668	600	414
07/15/2022	15	668	600	413
07/15/2022	16	668	600	406
07/15/2022	17	668	600	390
07/15/2022	18	668	600	380
07/15/2022	19	668	600	385
07/15/2022	20	668	600	383
07/15/2022	21	668	600	380
07/15/2022	22	668	600	378
07/15/2022	23	668	600	364
07/15/2022	24	668	600	349
07/16/2022	1	668	600	338
07/16/2022	2	550	510	326
07/16/2022	3	500	464	317
07/16/2022	4	500	464	309
07/16/2022	5	500	464	303
07/16/2022	6	500	464	294
07/16/2022	7	500	464	291
07/16/2022	8	500	464	308
07/16/2022	9	500	464	331
07/16/2022	10	550	510	354
07/16/2022	11	668	600	371
07/16/2022	12	668	600	368
07/16/2022	13	668	600	372
07/16/2022	14	668	600	373
07/16/2022	15	668	600	379
07/16/2022	16	668	600	372
07/16/2022	17	668	600	359
07/16/2022	18	668	600	358
07/16/2022	19	668	600	377
07/16/2022	20	668	600	372
07/16/2022	21	668	600	370
07/16/2022	22	668	600	372
07/16/2022	23	668	600	362
07/16/2022	24	668	600	348
07/17/2022	1	600	600	328
07/17/2022	2	600	600	318
07/17/2022	3	600	600	307
07/17/2022	4	600	556	296
07/17/2022	5	600	510	290
07/17/2022	6	600	464	281
07/17/2022	7	550	417	278
07/17/2022	8	550	464	291
07/17/2022	9	600	464	306
07/17/2022	10	600	574	323
07/17/2022	11	600	563	333
07/17/2022	12	600	600	333

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/17/2022	13	600	600	338
07/17/2022	14	600	600	344
07/17/2022	15	600	600	342
07/17/2022	16	600	600	338
07/17/2022	17	600	600	331
07/17/2022	18	600	600	340
07/17/2022	19	668	600	361
07/17/2022	20	668	600	366
07/17/2022	21	668	600	373
07/17/2022	22	668	600	368
07/17/2022	23	668	600	357
07/17/2022	24	600	600	342
07/18/2022	1	500	464	316
07/18/2022	2	500	464	304
07/18/2022	3	500	464	293
07/18/2022	4	500	464	287
07/18/2022	5	500	464	288
07/18/2022	6	500	464	290
07/18/2022	7	550	510	309
07/18/2022	8	668	600	341
07/18/2022	9	668	600	375
07/18/2022	10	668	600	401
07/18/2022	11	668	600	414
07/18/2022	12	668	600	412
07/18/2022	13	668	600	417
07/18/2022	14	668	600	433
07/18/2022	15	668	600	429
07/18/2022	16	668	600	414
07/18/2022	17	668	600	391
07/18/2022	18	668	600	378
07/18/2022	19	668	600	387
07/18/2022	20	668	600	388
07/18/2022	21	668	600	386
07/18/2022	22	668	600	377
07/18/2022	23	668	600	364
07/18/2022	24	668	600	349
07/19/2022	1	668	600	338
07/19/2022	2	550	510	325
07/19/2022	3	500	464	315
07/19/2022	4	500	464	308
07/19/2022	5	500	464	306
07/19/2022	6	500	464	304
07/19/2022	7	550	510	320
07/19/2022	8	668	600	358
07/19/2022	9	668	600	390
07/19/2022	10	668	600	416
07/19/2022	11	668	600	427
07/19/2022	12	668	600	420
07/19/2022	13	668	600	423
07/19/2022	14	668	600	434
07/19/2022	15	668	600	433
07/19/2022	16	668	600	422
07/19/2022	17	668	600	401
07/19/2022	18	668	600	392
07/19/2022	19	668	600	399
07/19/2022	20	668	600	397
07/19/2022	21	668	600	395
07/19/2022	22	668	600	384
07/19/2022	23	668	600	371
07/19/2022	24	668	600	339
07/20/2022	1	668	600	346
07/20/2022	2	550	510	332
07/20/2022	3	500	464	320
07/20/2022	4	500	464	314
07/20/2022	5	500	464	311

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/20/2022	6	500	464	309
07/20/2022	7	550	510	318
07/20/2022	8	668	600	354
07/20/2022	9	668	600	387
07/20/2022	10	668	600	409
07/20/2022	11	668	600	421
07/20/2022	12	668	600	417
07/20/2022	13	668	600	422
07/20/2022	14	668	600	437
07/20/2022	15	668	600	437
07/20/2022	16	668	600	428
07/20/2022	17	668	600	406
07/20/2022	18	668	600	392
07/20/2022	19	668	600	404
07/20/2022	20	668	600	406
07/20/2022	21	668	600	405
07/20/2022	22	668	600	387
07/20/2022	23	668	600	368
07/20/2022	24	668	600	352
07/21/2022	1	668	600	341
07/21/2022	2	550	510	328
07/21/2022	3	500	464	321
07/21/2022	4	500	464	313
07/21/2022	5	500	464	312
07/21/2022	6	500	464	313
07/21/2022	7	550	510	323
07/21/2022	8	668	600	354
07/21/2022	9	668	600	385
07/21/2022	10	668	600	407
07/21/2022	11	668	600	419
07/21/2022	12	668	600	411
07/21/2022	13	668	600	406
07/21/2022	14	668	600	412
07/21/2022	15	668	600	403
07/21/2022	16	668	600	397
07/21/2022	17	668	600	385
07/21/2022	18	668	600	377
07/21/2022	19	668	600	389
07/21/2022	20	668	600	384
07/21/2022	21	668	600	379
07/21/2022	22	668	600	366
07/21/2022	23	668	600	353
07/21/2022	24	668	600	368
07/22/2022	1	600	510	335
07/22/2022	2	550	464	324
07/22/2022	3	500	464	314
07/22/2022	4	500	464	306
07/22/2022	5	500	464	305
07/22/2022	6	500	464	308
07/22/2022	7	500	464	320
07/22/2022	8	550	510	349
07/22/2022	9	668	600	378
07/22/2022	10	668	600	401
07/22/2022	11	668	600	417
07/22/2022	12	668	600	412
07/22/2022	13	668	600	412
07/22/2022	14	668	600	424
07/22/2022	15	668	600	423
07/22/2022	16	668	600	417
07/22/2022	17	668	600	400
07/22/2022	18	668	600	385
07/22/2022	19	668	600	399
07/22/2022	20	668	600	400
07/22/2022	21	668	600	396
07/22/2022	22	668	600	384

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/22/2022	23	668	600	372
07/22/2022	24	668	600	365
07/23/2022	1	668	510	345
07/23/2022	2	668	464	334
07/23/2022	3	550	464	324
07/23/2022	4	500	464	316
07/23/2022	5	500	464	310
07/23/2022	6	500	464	300
07/23/2022	7	500	464	298
07/23/2022	8	500	464	314
07/23/2022	9	500	464	338
07/23/2022	10	550	510	362
07/23/2022	11	668	600	379
07/23/2022	12	668	600	376
07/23/2022	13	668	600	380
07/23/2022	14	668	600	389
07/23/2022	15	668	600	387
07/23/2022	16	668	600	379
07/23/2022	17	668	600	367
07/23/2022	18	668	600	366
07/23/2022	19	668	600	385
07/23/2022	20	668	600	388
07/23/2022	21	668	600	386
07/23/2022	22	668	600	380
07/23/2022	23	668	600	370
07/23/2022	24	668	600	348
07/24/2022	1	600	600	328
07/24/2022	2	600	563	318
07/24/2022	3	600	510	307
07/24/2022	4	600	464	296
07/24/2022	5	600	464	291
07/24/2022	6	600	464	281
07/24/2022	7	550	460	278
07/24/2022	8	550	464	291
07/24/2022	9	600	464	306
07/24/2022	10	668	600	323
07/24/2022	11	668	600	333
07/24/2022	12	668	600	334
07/24/2022	13	668	600	338
07/24/2022	14	668	600	344
07/24/2022	15	668	600	343
07/24/2022	16	668	600	338
07/24/2022	17	668	600	331
07/24/2022	18	668	600	341
07/24/2022	19	668	600	362
07/24/2022	20	668	600	366
07/24/2022	21	668	600	373
07/24/2022	22	668	600	368
07/24/2022	23	668	600	357
07/24/2022	24	668	600	342
07/25/2022	1	600	556	317
07/25/2022	2	600	556	308
07/25/2022	3	600	556	298
07/25/2022	4	600	556	292
07/25/2022	5	600	556	294
07/25/2022	6	600	556	300
07/25/2022	7	600	556	316
07/25/2022	8	668	600	354
07/25/2022	9	668	600	392
07/25/2022	10	668	600	415
07/25/2022	11	668	600	431
07/25/2022	12	668	600	424
07/25/2022	13	668	600	423
07/25/2022	14	668	600	436
07/25/2022	15	668	600	435

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/25/2022	16	668	600	422
07/25/2022	17	668	600	406
07/25/2022	18	668	600	394
07/25/2022	19	668	600	399
07/25/2022	20	668	600	395
07/25/2022	21	668	600	388
07/25/2022	22	668	600	376
07/25/2022	23	668	600	364
07/25/2022	24	668	600	349
07/26/2022	1	500	464	337
07/26/2022	2	500	464	327
07/26/2022	3	500	464	317
07/26/2022	4	500	464	311
07/26/2022	5	500	464	309
07/26/2022	6	500	464	311
07/26/2022	7	550	510	323
07/26/2022	8	668	600	357
07/26/2022	9	668	600	390
07/26/2022	10	668	600	411
07/26/2022	11	668	600	426
07/26/2022	12	668	600	420
07/26/2022	13	668	600	418
07/26/2022	14	668	600	434
07/26/2022	15	668	600	429
07/26/2022	16	668	600	418
07/26/2022	17	668	600	402
07/26/2022	18	668	600	390
07/26/2022	19	668	600	396
07/26/2022	20	668	600	392
07/26/2022	21	668	600	385
07/26/2022	22	668	600	373
07/26/2022	23	668	600	362
07/26/2022	24	668	600	370
07/27/2022	1	500	464	345
07/27/2022	2	500	464	335
07/27/2022	3	500	464	326
07/27/2022	4	500	464	319
07/27/2022	5	500	464	324
07/27/2022	6	500	464	319
07/27/2022	7	550	510	333
07/27/2022	8	668	600	370
07/27/2022	9	668	600	404
07/27/2022	10	668	600	426
07/27/2022	11	668	600	436
07/27/2022	12	668	600	428
07/27/2022	13	668	600	430
07/27/2022	14	668	600	429
07/27/2022	15	668	600	427
07/27/2022	16	668	600	421
07/27/2022	17	668	600	406
07/27/2022	18	668	600	391
07/27/2022	19	668	600	398
07/27/2022	20	668	600	398
07/27/2022	21	668	600	395
07/27/2022	22	668	600	388
07/27/2022	23	668	600	376
07/27/2022	24	668	600	350
07/28/2022	1	550	510	342
07/28/2022	2	550	464	333
07/28/2022	3	500	464	322
07/28/2022	4	500	464	316
07/28/2022	5	500	464	315
07/28/2022	6	500	464	312
07/28/2022	7	550	510	329
07/28/2022	8	668	600	362

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/28/2022	9	668	600	398
07/28/2022	10	668	600	419
07/28/2022	11	668	600	433
07/28/2022	12	668	600	432
07/28/2022	13	668	600	433
07/28/2022	14	668	600	429
07/28/2022	15	668	600	420
07/28/2022	16	668	600	411
07/28/2022	17	668	600	402
07/28/2022	18	668	600	381
07/28/2022	19	668	600	392
07/28/2022	20	668	600	391
07/28/2022	21	668	600	389
07/28/2022	22	668	600	375
07/28/2022	23	668	600	365
07/28/2022	24	668	600	324
07/29/2022	1	550	510	348
07/29/2022	2	500	464	334
07/29/2022	3	500	464	322
07/29/2022	4	500	464	316
07/29/2022	5	500	464	313
07/29/2022	6	500	464	312
07/29/2022	7	550	510	321
07/29/2022	8	668	600	357
07/29/2022	9	668	600	391
07/29/2022	10	668	600	413
07/29/2022	11	668	600	425
07/29/2022	12	668	600	422
07/29/2022	13	668	600	426
07/29/2022	14	668	600	428
07/29/2022	15	668	600	428
07/29/2022	16	668	600	420
07/29/2022	17	668	600	398
07/29/2022	18	668	600	384
07/29/2022	19	668	600	396
07/29/2022	20	668	600	398
07/29/2022	21	668	600	396
07/29/2022	22	668	600	379
07/29/2022	23	668	600	361
07/29/2022	24	668	600	348
07/30/2022	1	550	510	343
07/30/2022	2	500	464	330
07/30/2022	3	500	464	321
07/30/2022	4	500	464	312
07/30/2022	5	500	464	308
07/30/2022	6	500	464	300
07/30/2022	7	500	464	304
07/30/2022	8	500	464	330
07/30/2022	9	500	464	355
07/30/2022	10	550	510	382
07/30/2022	11	668	600	399
07/30/2022	12	668	600	396
07/30/2022	13	668	600	398
07/30/2022	14	668	600	390
07/30/2022	15	668	600	389
07/30/2022	16	668	600	372
07/30/2022	17	668	600	357
07/30/2022	18	668	600	357
07/30/2022	19	668	600	371
07/30/2022	20	668	600	372
07/30/2022	21	668	600	374
07/30/2022	22	668	600	370
07/30/2022	23	668	600	361
07/30/2022	24	668	600	330
07/31/2022	1	510	500	331

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
07/31/2022	2	500	464	320
07/31/2022	3	464	450	309
07/31/2022	4	464	450	298
07/31/2022	5	464	455	293
07/31/2022	6	510	500	283
07/31/2022	7	510	500	280
07/31/2022	8	510	500	294
07/31/2022	9	510	500	308
07/31/2022	10	510	500	325
07/31/2022	11	510	500	335
07/31/2022	12	510	500	336
07/31/2022	13	550	510	341
07/31/2022	14	550	510	347
07/31/2022	15	550	510	345
07/31/2022	16	668	600	341
07/31/2022	17	668	600	333
07/31/2022	18	668	600	343
07/31/2022	19	668	600	364
07/31/2022	20	668	600	369
07/31/2022	21	668	600	376
07/31/2022	22	668	600	371
07/31/2022	23	668	600	360
07/31/2022	24	668	600	345
08/01/2022	1	500	464	339
08/01/2022	2	500	464	325
08/01/2022	3	500	464	314
08/01/2022	4	500	464	306
08/01/2022	5	500	464	304
08/01/2022	6	510	500	306
08/01/2022	7	510	510	322
08/01/2022	8	600	600	359
08/01/2022	9	600	600	395
08/01/2022	10	600	600	418
08/01/2022	11	668	600	433
08/01/2022	12	668	600	429
08/01/2022	13	668	600	427
08/01/2022	14	668	600	435
08/01/2022	15	668	600	424
08/01/2022	16	668	600	411
08/01/2022	17	668	600	398
08/01/2022	18	668	600	382
08/01/2022	19	668	600	396
08/01/2022	20	668	600	397
08/01/2022	21	668	600	392
08/01/2022	22	668	600	378
08/01/2022	23	668	600	366
08/01/2022	24	668	600	348
08/02/2022	1	500	464	340
08/02/2022	2	500	464	329
08/02/2022	3	500	464	319
08/02/2022	4	500	464	311
08/02/2022	5	500	464	310
08/02/2022	6	500	464	310
08/02/2022	7	550	510	326
08/02/2022	8	668	600	352
08/02/2022	9	668	600	384
08/02/2022	10	668	600	408
08/02/2022	11	668	600	425
08/02/2022	12	668	600	419
08/02/2022	13	668	600	419
08/02/2022	14	668	600	420
08/02/2022	15	668	600	418
08/02/2022	16	668	600	412
08/02/2022	17	668	600	395
08/02/2022	18	668	600	380

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/02/2022	19	668	600	395
08/02/2022	20	668	600	395
08/02/2022	21	668	600	392
08/02/2022	22	668	600	380
08/02/2022	23	668	600	367
08/02/2022	24	668	600	354
08/03/2022	1	500	464	337
08/03/2022	2	500	464	324
08/03/2022	3	500	464	316
08/03/2022	4	500	464	308
08/03/2022	5	500	464	306
08/03/2022	6	500	464	305
08/03/2022	7	550	510	317
08/03/2022	8	668	600	351
08/03/2022	9	668	600	369
08/03/2022	10	668	600	402
08/03/2022	11	668	600	420
08/03/2022	12	668	600	416
08/03/2022	13	668	600	415
08/03/2022	14	668	600	417
08/03/2022	15	668	600	416
08/03/2022	16	668	600	407
08/03/2022	17	580	510	389
08/03/2022	18	580	510	376
08/03/2022	19	668	600	390
08/03/2022	20	668	600	391
08/03/2022	21	668	600	388
08/03/2022	22	668	600	377
08/03/2022	23	668	600	366
08/03/2022	24	668	600	347
08/04/2022	1	500	464	340
08/04/2022	2	500	464	327
08/04/2022	3	500	464	318
08/04/2022	4	500	464	310
08/04/2022	5	500	464	308
08/04/2022	6	500	464	310
08/04/2022	7	550	510	322
08/04/2022	8	668	600	357
08/04/2022	9	668	600	371
08/04/2022	10	668	600	404
08/04/2022	11	668	600	426
08/04/2022	12	668	600	422
08/04/2022	13	668	600	417
08/04/2022	14	668	600	423
08/04/2022	15	668	600	422
08/04/2022	16	668	600	422
08/04/2022	17	668	510	403
08/04/2022	18	580	510	381
08/04/2022	19	668	600	396
08/04/2022	20	668	600	397
08/04/2022	21	668	600	394
08/04/2022	22	668	600	383
08/04/2022	23	668	600	372
08/04/2022	24	668	600	347
08/05/2022	1	500	464	340
08/05/2022	2	500	464	329
08/05/2022	3	500	464	319
08/05/2022	4	500	464	311
08/05/2022	5	500	464	309
08/05/2022	6	500	464	310
08/05/2022	7	550	510	322
08/05/2022	8	668	600	357
08/05/2022	9	668	600	371
08/05/2022	10	668	600	404
08/05/2022	11	668	600	426

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/05/2022	12	668	600	422
08/05/2022	13	668	600	421
08/05/2022	14	668	600	423
08/05/2022	15	668	600	422
08/05/2022	16	668	600	413
08/05/2022	17	580	510	402
08/05/2022	18	580	510	390
08/05/2022	19	668	600	396
08/05/2022	20	668	600	397
08/05/2022	21	668	600	394
08/05/2022	22	668	600	383
08/05/2022	23	668	600	372
08/05/2022	24	668	600	354
08/06/2022	1	500	464	336
08/06/2022	2	500	464	321
08/06/2022	3	500	464	311
08/06/2022	4	500	464	305
08/06/2022	5	500	464	305
08/06/2022	6	500	464	307
08/06/2022	7	550	510	316
08/06/2022	8	550	510	332
08/06/2022	9	550	510	353
08/06/2022	10	668	600	375
08/06/2022	11	668	600	391
08/06/2022	12	668	600	377
08/06/2022	13	668	600	369
08/06/2022	14	668	600	363
08/06/2022	15	580	510	356
08/06/2022	16	580	510	347
08/06/2022	17	580	510	347
08/06/2022	18	580	510	347
08/06/2022	19	580	510	354
08/06/2022	20	580	510	353
08/06/2022	21	668	600	350
08/06/2022	22	668	600	340
08/06/2022	23	668	600	331
08/06/2022	24	668	600	317
08/07/2022	1	510	510	311
08/07/2022	2	510	464	301
08/07/2022	3	510	464	291
08/07/2022	4	510	420	280
08/07/2022	5	464	417	275
08/07/2022	6	464	450	266
08/07/2022	7	464	450	264
08/07/2022	8	464	450	276
08/07/2022	9	510	500	290
08/07/2022	10	510	500	306
08/07/2022	11	510	500	315
08/07/2022	12	510	500	316
08/07/2022	13	510	500	320
08/07/2022	14	510	500	326
08/07/2022	15	510	500	324
08/07/2022	16	550	510	320
08/07/2022	17	550	510	313
08/07/2022	18	550	510	323
08/07/2022	19	668	600	342
08/07/2022	20	668	600	347
08/07/2022	21	668	600	353
08/07/2022	22	668	600	349
08/07/2022	23	668	600	339
08/07/2022	24	668	600	324
08/08/2022	1	500	464	299
08/08/2022	2	500	464	289
08/08/2022	3	500	464	279
08/08/2022	4	500	464	274

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/08/2022	5	500	464	276
08/08/2022	6	500	464	285
08/08/2022	7	550	510	300
08/08/2022	8	668	600	333
08/08/2022	9	668	600	370
08/08/2022	10	668	600	390
08/08/2022	11	668	600	405
08/08/2022	12	668	600	402
08/08/2022	13	668	600	406
08/08/2022	14	668	600	414
08/08/2022	15	668	600	406
08/08/2022	16	668	600	397
08/08/2022	17	668	600	382
08/08/2022	18	668	600	375
08/08/2022	19	668	600	381
08/08/2022	20	668	600	377
08/08/2022	21	668	600	370
08/08/2022	22	668	600	356
08/08/2022	23	668	600	340
08/08/2022	24	668	600	325
08/09/2022	1	500	464	299
08/09/2022	2	500	464	289
08/09/2022	3	500	464	279
08/09/2022	4	500	464	274
08/09/2022	5	500	464	275
08/09/2022	6	500	464	287
08/09/2022	7	550	510	303
08/09/2022	8	668	600	340
08/09/2022	9	668	600	366
08/09/2022	10	668	600	382
08/09/2022	11	668	600	393
08/09/2022	12	668	600	387
08/09/2022	13	668	600	390
08/09/2022	14	668	600	398
08/09/2022	15	668	600	390
08/09/2022	16	668	600	381
08/09/2022	17	668	600	368
08/09/2022	18	668	600	360
08/09/2022	19	668	600	367
08/09/2022	20	668	600	362
08/09/2022	21	668	600	356
08/09/2022	22	668	600	342
08/09/2022	23	668	600	327
08/09/2022	24	668	600	355
08/10/2022	1	500	464	310
08/10/2022	2	500	464	296
08/10/2022	3	500	464	290
08/10/2022	4	500	464	284
08/10/2022	5	500	464	284
08/10/2022	6	500	464	283
08/10/2022	7	550	510	291
08/10/2022	8	668	600	321
08/10/2022	9	668	600	352
08/10/2022	10	668	600	371
08/10/2022	11	668	600	393
08/10/2022	12	668	600	388
08/10/2022	13	668	600	390
08/10/2022	14	668	600	394
08/10/2022	15	668	600	401
08/10/2022	16	668	600	394
08/10/2022	17	668	600	377
08/10/2022	18	668	600	359
08/10/2022	19	668	600	369
08/10/2022	20	668	600	368
08/10/2022	21	668	600	363

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/10/2022	22	668	600	360
08/10/2022	23	668	600	339
08/10/2022	24	668	600	359
08/11/2022	1	500	464	326
08/11/2022	2	500	464	316
08/11/2022	3	500	464	307
08/11/2022	4	500	464	300
08/11/2022	5	500	464	302
08/11/2022	6	500	464	305
08/11/2022	7	500	464	316
08/11/2022	8	550	510	347
08/11/2022	9	668	600	375
08/11/2022	10	668	600	396
08/11/2022	11	668	600	407
08/11/2022	12	668	600	400
08/11/2022	13	668	600	398
08/11/2022	14	668	600	408
08/11/2022	15	668	600	404
08/11/2022	16	668	600	397
08/11/2022	17	668	600	386
08/11/2022	18	668	600	367
08/11/2022	19	668	600	375
08/11/2022	20	668	600	378
08/11/2022	21	668	600	371
08/11/2022	22	668	600	358
08/11/2022	23	668	600	347
08/11/2022	24	668	600	333
08/12/2022	1	500	464	323
08/12/2022	2	500	464	312
08/12/2022	3	500	464	304
08/12/2022	4	500	464	297
08/12/2022	5	500	464	296
08/12/2022	6	500	464	302
08/12/2022	7	500	464	317
08/12/2022	8	550	510	351
08/12/2022	9	668	600	383
08/12/2022	10	668	600	402
08/12/2022	11	668	600	411
08/12/2022	12	668	600	402
08/12/2022	13	668	600	407
08/12/2022	14	668	600	411
08/12/2022	15	668	600	407
08/12/2022	16	668	600	399
08/12/2022	17	668	600	397
08/12/2022	18	668	600	381
08/12/2022	19	668	600	387
08/12/2022	20	668	600	388
08/12/2022	21	668	600	385
08/12/2022	22	668	600	371
08/12/2022	23	668	600	360
08/12/2022	24	668	600	354
08/13/2022	1	500	464	331
08/13/2022	2	500	464	322
08/13/2022	3	500	464	308
08/13/2022	4	500	464	305
08/13/2022	5	500	464	304
08/13/2022	6	500	464	304
08/13/2022	7	500	464	305
08/13/2022	8	500	464	329
08/13/2022	9	550	510	346
08/13/2022	10	668	510	372
08/13/2022	11	668	600	387
08/13/2022	12	668	600	384
08/13/2022	13	668	600	388
08/13/2022	14	668	600	379

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/13/2022	15	668	600	376
08/13/2022	16	668	600	362
08/13/2022	17	668	600	356
08/13/2022	18	668	600	353
08/13/2022	19	668	600	371
08/13/2022	20	668	600	366
08/13/2022	21	668	600	368
08/13/2022	22	668	600	361
08/13/2022	23	668	600	351
08/13/2022	24	668	600	343
08/14/2022	1	510	510	317
08/14/2022	2	510	464	307
08/14/2022	3	510	464	297
08/14/2022	4	510	420	286
08/14/2022	5	464	417	281
08/14/2022	6	464	450	272
08/14/2022	7	464	450	269
08/14/2022	8	464	450	282
08/14/2022	9	510	500	296
08/14/2022	10	510	500	312
08/14/2022	11	510	500	322
08/14/2022	12	510	500	323
08/14/2022	13	510	500	327
08/14/2022	14	510	500	333
08/14/2022	15	510	500	331
08/14/2022	16	550	510	327
08/14/2022	17	550	510	320
08/14/2022	18	550	510	329
08/14/2022	19	668	600	349
08/14/2022	20	668	556	354
08/14/2022	21	668	600	361
08/14/2022	22	668	600	356
08/14/2022	23	668	600	346
08/14/2022	24	668	600	331
08/15/2022	1	500	464	312
08/15/2022	2	500	464	301
08/15/2022	3	500	464	292
08/15/2022	4	500	464	287
08/15/2022	5	500	464	292
08/15/2022	6	500	464	305
08/15/2022	7	500	464	324
08/15/2022	8	550	510	356
08/15/2022	9	668	600	387
08/15/2022	10	668	600	406
08/15/2022	11	668	600	418
08/15/2022	12	668	600	410
08/15/2022	13	668	600	405
08/15/2022	14	668	600	414
08/15/2022	15	668	600	413
08/15/2022	16	668	600	408
08/15/2022	17	668	600	395
08/15/2022	18	668	600	390
08/15/2022	19	668	600	395
08/15/2022	20	668	600	386
08/15/2022	21	668	600	373
08/15/2022	22	668	600	358
08/15/2022	23	668	600	346
08/15/2022	24	668	600	332
08/16/2022	1	500	464	327
08/16/2022	2	500	464	319
08/16/2022	3	500	464	309
08/16/2022	4	500	464	304
08/16/2022	5	500	464	302
08/16/2022	6	500	464	302
08/16/2022	7	550	510	319

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/16/2022	8	668	600	354
08/16/2022	9	668	600	389
08/16/2022	10	668	600	401
08/16/2022	11	668	600	417
08/16/2022	12	668	600	413
08/16/2022	13	668	600	419
08/16/2022	14	668	600	419
08/16/2022	15	668	600	416
08/16/2022	16	668	600	410
08/16/2022	17	668	600	388
08/16/2022	18	668	600	373
08/16/2022	19	668	600	386
08/16/2022	20	668	600	388
08/16/2022	21	668	600	385
08/16/2022	22	668	600	375
08/16/2022	23	668	600	365
08/16/2022	24	668	600	347
08/17/2022	1	500	464	326
08/17/2022	2	464	450	314
08/17/2022	3	464	450	304
08/17/2022	4	464	450	299
08/17/2022	5	464	450	298
08/17/2022	6	500	464	302
08/17/2022	7	550	510	312
08/17/2022	8	550	510	342
08/17/2022	9	550	510	376
08/17/2022	10	668	600	396
08/17/2022	11	668	600	413
08/17/2022	12	668	600	407
08/17/2022	13	668	600	410
08/17/2022	14	668	600	425
08/17/2022	15	668	600	423
08/17/2022	16	668	600	415
08/17/2022	17	668	600	397
08/17/2022	18	668	600	387
08/17/2022	19	668	600	389
08/17/2022	20	668	600	386
08/17/2022	21	668	600	380
08/17/2022	22	668	600	377
08/17/2022	23	668	600	364
08/17/2022	24	668	600	342
08/18/2022	1	500	464	334
08/18/2022	2	464	464	322
08/18/2022	3	464	464	312
08/18/2022	4	464	464	306
08/18/2022	5	464	450	300
08/18/2022	6	500	464	301
08/18/2022	7	550	510	312
08/18/2022	8	550	510	345
08/18/2022	9	550	510	372
08/18/2022	10	668	600	395
08/18/2022	11	668	600	410
08/18/2022	12	668	600	406
08/18/2022	13	668	600	406
08/18/2022	14	668	600	418
08/18/2022	15	668	600	415
08/18/2022	16	668	600	405
08/18/2022	17	668	600	387
08/18/2022	18	668	600	377
08/18/2022	19	668	600	374
08/18/2022	20	668	600	371
08/18/2022	21	668	600	374
08/18/2022	22	668	600	363
08/18/2022	23	668	600	351
08/18/2022	24	668	600	346

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/19/2022	1	500	464	329
08/19/2022	2	464	464	315
08/19/2022	3	464	464	306
08/19/2022	4	464	464	300
08/19/2022	5	464	450	300
08/19/2022	6	500	464	303
08/19/2022	7	550	510	315
08/19/2022	8	550	510	350
08/19/2022	9	600	550	380
08/19/2022	10	668	600	395
08/19/2022	11	668	600	407
08/19/2022	12	668	600	398
08/19/2022	13	668	600	397
08/19/2022	14	668	600	409
08/19/2022	15	668	600	402
08/19/2022	16	668	600	396
08/19/2022	17	668	600	378
08/19/2022	18	668	600	370
08/19/2022	19	668	600	378
08/19/2022	20	668	600	374
08/19/2022	21	668	600	370
08/19/2022	22	668	600	357
08/19/2022	23	668	600	344
08/19/2022	24	668	600	316
08/20/2022	1	500	464	343
08/20/2022	2	464	464	334
08/20/2022	3	464	464	322
08/20/2022	4	464	464	317
08/20/2022	5	464	464	315
08/20/2022	6	464	455	307
08/20/2022	7	464	450	308
08/20/2022	8	464	455	333
08/20/2022	9	550	510	356
08/20/2022	10	668	600	378
08/20/2022	11	668	600	389
08/20/2022	12	668	600	385
08/20/2022	13	668	600	387
08/20/2022	14	668	600	400
08/20/2022	15	668	600	400
08/20/2022	16	668	600	393
08/20/2022	17	668	600	379
08/20/2022	18	668	600	374
08/20/2022	19	668	600	382
08/20/2022	20	668	600	379
08/20/2022	21	668	600	373
08/20/2022	22	668	600	359
08/20/2022	23	668	600	348
08/20/2022	24	668	600	336
08/21/2022	1	500	464	286
08/21/2022	2	464	450	277
08/21/2022	3	464	389	267
08/21/2022	4	464	389	258
08/21/2022	5	445	389	253
08/21/2022	6	389	389	245
08/21/2022	7	371	371	242
08/21/2022	8	445	389	253
08/21/2022	9	445	389	266
08/21/2022	10	445	420	281
08/21/2022	11	450	445	289
08/21/2022	12	450	445	290
08/21/2022	13	450	445	294
08/21/2022	14	450	445	299
08/21/2022	15	450	445	298
08/21/2022	16	450	445	294
08/21/2022	17	464	450	288

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/21/2022	18	500	464	296
08/21/2022	19	500	464	314
08/21/2022	20	500	464	319
08/21/2022	21	500	464	324
08/21/2022	22	500	464	320
08/21/2022	23	500	464	311
08/21/2022	24	500	464	298
08/22/2022	1	464	454	306
08/22/2022	2	464	450	297
08/22/2022	3	464	450	290
08/22/2022	4	464	450	284
08/22/2022	5	464	450	286
08/22/2022	6	464	455	295
08/22/2022	7	464	450	308
08/22/2022	8	510	500	345
08/22/2022	9	600	550	377
08/22/2022	10	668	600	398
08/22/2022	11	668	600	408
08/22/2022	12	668	600	400
08/22/2022	13	668	600	397
08/22/2022	14	668	600	401
08/22/2022	15	668	600	392
08/22/2022	16	668	600	385
08/22/2022	17	668	600	373
08/22/2022	18	668	600	367
08/22/2022	19	668	600	375
08/22/2022	20	668	600	371
08/22/2022	21	668	600	363
08/22/2022	22	668	600	348
08/22/2022	23	668	600	336
08/22/2022	24	668	600	323
08/23/2022	1	464	450	320
08/23/2022	2	464	450	309
08/23/2022	3	464	450	300
08/23/2022	4	464	450	296
08/23/2022	5	464	450	294
08/23/2022	6	464	450	300
08/23/2022	7	464	450	311
08/23/2022	8	550	510	341
08/23/2022	9	668	600	377
08/23/2022	10	668	600	396
08/23/2022	11	668	600	412
08/23/2022	12	668	600	406
08/23/2022	13	668	600	409
08/23/2022	14	668	600	412
08/23/2022	15	668	600	408
08/23/2022	16	668	600	399
08/23/2022	17	668	600	390
08/23/2022	18	668	600	373
08/23/2022	19	668	600	382
08/23/2022	20	668	600	377
08/23/2022	21	668	600	371
08/23/2022	22	668	600	359
08/23/2022	23	668	600	348
08/23/2022	24	668	600	337
08/24/2022	1	464	450	313
08/24/2022	2	464	450	304
08/24/2022	3	464	450	296
08/24/2022	4	464	450	291
08/24/2022	5	464	450	294
08/24/2022	6	464	450	299
08/24/2022	7	464	450	308
08/24/2022	8	550	510	339
08/24/2022	9	668	600	377
08/24/2022	10	668	600	394

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/24/2022	11	668	600	398
08/24/2022	12	668	600	385
08/24/2022	13	668	600	388
08/24/2022	14	668	600	402
08/24/2022	15	668	600	400
08/24/2022	16	668	600	394
08/24/2022	17	668	600	378
08/24/2022	18	668	600	367
08/24/2022	19	668	600	368
08/24/2022	20	668	600	363
08/24/2022	21	668	600	357
08/24/2022	22	668	600	354
08/24/2022	23	668	600	343
08/24/2022	24	668	600	341
08/25/2022	1	464	450	298
08/25/2022	2	464	450	291
08/25/2022	3	464	450	282
08/25/2022	4	464	450	279
08/25/2022	5	464	450	285
08/25/2022	6	464	450	290
08/25/2022	7	464	450	296
08/25/2022	8	550	510	326
08/25/2022	9	668	600	355
08/25/2022	10	668	600	375
08/25/2022	11	668	600	385
08/25/2022	12	668	600	376
08/25/2022	13	668	600	377
08/25/2022	14	668	600	387
08/25/2022	15	668	600	383
08/25/2022	16	668	600	374
08/25/2022	17	668	600	360
08/25/2022	18	668	600	346
08/25/2022	19	668	600	350
08/25/2022	20	668	600	351
08/25/2022	21	668	600	346
08/25/2022	22	668	600	334
08/25/2022	23	668	600	321
08/25/2022	24	668	600	311
08/26/2022	1	464	464	303
08/26/2022	2	464	464	293
08/26/2022	3	464	450	286
08/26/2022	4	464	450	281
08/26/2022	5	464	450	296
08/26/2022	6	464	450	298
08/26/2022	7	464	450	308
08/26/2022	8	550	510	339
08/26/2022	9	668	600	366
08/26/2022	10	668	600	386
08/26/2022	11	668	600	397
08/26/2022	12	668	600	386
08/26/2022	13	668	600	385
08/26/2022	14	668	600	394
08/26/2022	15	668	600	393
08/26/2022	16	668	600	383
08/26/2022	17	668	600	371
08/26/2022	18	668	600	357
08/26/2022	19	668	600	357
08/26/2022	20	668	600	361
08/26/2022	21	668	600	346
08/26/2022	22	668	600	340
08/26/2022	23	668	600	327
08/26/2022	24	668	600	328
08/27/2022	1	500	464	334
08/27/2022	2	500	464	325
08/27/2022	3	500	464	315

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/27/2022	4	480	455	309
08/27/2022	5	480	455	308
08/27/2022	6	480	455	305
08/27/2022	7	480	455	308
08/27/2022	8	500	455	330
08/27/2022	9	668	464	356
08/27/2022	10	668	510	378
08/27/2022	11	668	600	395
08/27/2022	12	668	600	387
08/27/2022	13	668	600	389
08/27/2022	14	668	600	396
08/27/2022	15	668	600	390
08/27/2022	16	668	600	379
08/27/2022	17	668	600	370
08/27/2022	18	668	600	371
08/27/2022	19	668	600	384
08/27/2022	20	668	600	383
08/27/2022	21	668	600	380
08/27/2022	22	668	600	368
08/27/2022	23	668	600	355
08/27/2022	24	668	600	328
08/28/2022	1	500	464	318
08/28/2022	2	464	460	308
08/28/2022	3	464	460	297
08/28/2022	4	464	400	287
08/28/2022	5	445	400	281
08/28/2022	6	451	389	272
08/28/2022	7	371	371	269
08/28/2022	8	445	414	282
08/28/2022	9	510	510	296
08/28/2022	10	600	600	312
08/28/2022	11	600	600	322
08/28/2022	12	600	600	323
08/28/2022	13	600	600	327
08/28/2022	14	668	600	333
08/28/2022	15	668	600	331
08/28/2022	16	668	600	327
08/28/2022	17	668	600	320
08/28/2022	18	668	600	330
08/28/2022	19	668	600	350
08/28/2022	20	668	600	355
08/28/2022	21	668	600	361
08/28/2022	22	668	600	356
08/28/2022	23	668	600	346
08/28/2022	24	668	600	331
08/29/2022	1	668	510	345
08/29/2022	2	668	464	334
08/29/2022	3	500	464	322
08/29/2022	4	500	464	313
08/29/2022	5	500	464	308
08/29/2022	6	464	455	300
08/29/2022	7	464	420	297
08/29/2022	8	464	445	305
08/29/2022	9	510	510	323
08/29/2022	10	600	600	345
08/29/2022	11	600	600	358
08/29/2022	12	600	600	357
08/29/2022	13	600	600	361
08/29/2022	14	600	600	364
08/29/2022	15	600	556	354
08/29/2022	16	600	556	340
08/29/2022	17	600	556	341
08/29/2022	18	600	556	349
08/29/2022	19	600	556	360
08/29/2022	20	600	556	361

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
08/29/2022	21	668	556	359
08/29/2022	22	600	556	354
08/29/2022	23	600	556	341
08/29/2022	24	600	600	331
08/30/2022	1	464	464	322
08/30/2022	2	460	455	312
08/30/2022	3	460	455	303
08/30/2022	4	460	455	300
08/30/2022	5	460	455	309
08/30/2022	6	460	455	316
08/30/2022	7	550	510	324
08/30/2022	8	668	600	358
08/30/2022	9	668	600	392
08/30/2022	10	668	600	410
08/30/2022	11	668	600	416
08/30/2022	12	668	600	405
08/30/2022	13	668	600	402
08/30/2022	14	668	600	411
08/30/2022	15	668	600	409
08/30/2022	16	668	600	401
08/30/2022	17	668	600	389
08/30/2022	18	668	600	379
08/30/2022	19	668	600	384
08/30/2022	20	668	600	376
08/30/2022	21	668	600	366
08/30/2022	22	668	600	350
08/30/2022	23	668	600	336
08/30/2022	24	668	600	325
08/31/2022	1	668	600	330
08/31/2022	2	550	510	319
08/31/2022	3	500	464	309
08/31/2022	4	500	460	302
08/31/2022	5	500	460	307
08/31/2022	6	500	460	308
08/31/2022	7	550	510	314
08/31/2022	8	668	600	347
08/31/2022	9	668	600	388
08/31/2022	10	668	600	403
08/31/2022	11	668	600	407
08/31/2022	12	668	600	401
08/31/2022	13	668	600	405
08/31/2022	14	668	600	398
08/31/2022	15	668	600	405
08/31/2022	16	668	600	400
08/31/2022	17	668	600	393
08/31/2022	18	668	600	380
08/31/2022	19	668	600	388
08/31/2022	20	668	600	383
08/31/2022	21	668	600	378
08/31/2022	22	668	600	365
08/31/2022	23	668	600	353
08/31/2022	24	668	600	337
09/01/2022	1	668	600	315
09/01/2022	2	550	510	304
09/01/2022	3	500	464	295
09/01/2022	4	500	455	290
09/01/2022	5	500	455	294
09/01/2022	6	500	455	298
09/01/2022	7	550	510	307
09/01/2022	8	668	600	340
09/01/2022	9	668	600	371
09/01/2022	10	668	600	392
09/01/2022	11	668	600	399
09/01/2022	12	584	556	390
09/01/2022	13	600	556	389

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/01/2022	14	668	600	400
09/01/2022	15	600	600	398
09/01/2022	16	600	600	389
09/01/2022	17	556	550	376
09/01/2022	18	556	550	368
09/01/2022	19	556	550	364
09/01/2022	20	556	550	363
09/01/2022	21	556	550	357
09/01/2022	22	556	550	343
09/01/2022	23	550	510	330
09/01/2022	24	550	510	323
09/02/2022	1	668	600	329
09/02/2022	2	550	510	318
09/02/2022	3	500	464	309
09/02/2022	4	500	455	299
09/02/2022	5	500	455	303
09/02/2022	6	500	455	304
09/02/2022	7	550	510	311
09/02/2022	8	668	600	343
09/02/2022	9	668	600	380
09/02/2022	10	668	600	403
09/02/2022	11	668	600	412
09/02/2022	12	584	556	405
09/02/2022	13	600	556	409
09/02/2022	14	668	600	425
09/02/2022	15	600	600	422
09/02/2022	16	600	600	409
09/02/2022	17	556	550	387
09/02/2022	18	556	550	379
09/02/2022	19	556	550	389
09/02/2022	20	556	550	377
09/02/2022	21	556	550	378
09/02/2022	22	556	550	368
09/02/2022	23	550	510	357
09/02/2022	24	550	510	344
09/03/2022	1	668	600	331
09/03/2022	2	550	510	316
09/03/2022	3	500	464	305
09/03/2022	4	500	464	297
09/03/2022	5	500	464	294
09/03/2022	6	500	464	292
09/03/2022	7	500	464	291
09/03/2022	8	500	464	311
09/03/2022	9	500	464	333
09/03/2022	10	550	510	354
09/03/2022	11	668	600	375
09/03/2022	12	668	600	364
09/03/2022	13	668	600	361
09/03/2022	14	668	600	369
09/03/2022	15	668	600	366
09/03/2022	16	668	600	360
09/03/2022	17	550	510	346
09/03/2022	18	550	510	346
09/03/2022	19	668	600	368
09/03/2022	20	668	600	365
09/03/2022	21	668	600	363
09/03/2022	22	668	600	354
09/03/2022	23	550	510	335
09/03/2022	24	500	464	318
09/04/2022	1	668	600	331
09/04/2022	2	550	510	320
09/04/2022	3	500	464	309
09/04/2022	4	500	455	299
09/04/2022	5	500	455	290
09/04/2022	6	500	455	284

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/04/2022	7	500	445	276
09/04/2022	8	500	445	272
09/04/2022	9	500	445	287
09/04/2022	10	510	500	306
09/04/2022	11	510	500	323
09/04/2022	12	510	500	337
09/04/2022	13	510	500	337
09/04/2022	14	510	500	344
09/04/2022	15	550	510	350
09/04/2022	16	510	510	343
09/04/2022	17	550	510	337
09/04/2022	18	550	510	334
09/04/2022	19	668	556	342
09/04/2022	20	668	556	360
09/04/2022	21	668	556	352
09/04/2022	22	668	556	345
09/04/2022	23	668	510	333
09/04/2022	24	668	510	322
09/05/2022	1	500	464	300
09/05/2022	2	500	464	290
09/05/2022	3	500	464	284
09/05/2022	4	500	464	277
09/05/2022	5	500	464	282
09/05/2022	6	500	464	290
09/05/2022	7	500	464	297
09/05/2022	8	550	510	330
09/05/2022	9	668	600	360
09/05/2022	10	668	600	380
09/05/2022	11	668	600	396
09/05/2022	12	668	600	387
09/05/2022	13	668	600	393
09/05/2022	14	668	600	411
09/05/2022	15	668	600	414
09/05/2022	16	668	600	407
09/05/2022	17	668	600	387
09/05/2022	18	668	600	378
09/05/2022	19	668	600	391
09/05/2022	20	668	600	388
09/05/2022	21	668	600	384
09/05/2022	22	668	600	372
09/05/2022	23	550	510	358
09/05/2022	24	550	510	345
09/06/2022	1	500	464	306
09/06/2022	2	500	464	298
09/06/2022	3	500	464	291
09/06/2022	4	500	464	285
09/06/2022	5	500	464	289
09/06/2022	6	500	464	293
09/06/2022	7	500	464	306
09/06/2022	8	550	510	338
09/06/2022	9	668	600	372
09/06/2022	10	668	600	397
09/06/2022	11	668	600	415
09/06/2022	12	668	600	404
09/06/2022	13	668	600	407
09/06/2022	14	668	600	412
09/06/2022	15	668	600	417
09/06/2022	16	668	600	413
09/06/2022	17	668	600	389
09/06/2022	18	668	600	378
09/06/2022	19	668	600	381
09/06/2022	20	668	600	386
09/06/2022	21	668	600	374
09/06/2022	22	668	600	372
09/06/2022	23	550	510	358

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/06/2022	24	550	510	353
09/07/2022	1	510	500	344
09/07/2022	2	500	464	327
09/07/2022	3	500	464	317
09/07/2022	4	500	464	311
09/07/2022	5	500	464	311
09/07/2022	6	500	464	314
09/07/2022	7	500	464	327
09/07/2022	8	550	510	364
09/07/2022	9	668	600	394
09/07/2022	10	668	600	409
09/07/2022	11	668	600	426
09/07/2022	12	668	600	412
09/07/2022	13	668	600	412
09/07/2022	14	668	600	424
09/07/2022	15	668	600	417
09/07/2022	16	668	600	411
09/07/2022	17	668	600	393
09/07/2022	18	668	600	385
09/07/2022	19	668	600	385
09/07/2022	20	668	600	389
09/07/2022	21	668	600	384
09/07/2022	22	668	600	371
09/07/2022	23	550	510	357
09/07/2022	24	550	510	344
09/08/2022	1	510	500	338
09/08/2022	2	500	464	327
09/08/2022	3	500	464	316
09/08/2022	4	500	464	311
09/08/2022	5	500	464	314
09/08/2022	6	500	464	316
09/08/2022	7	500	464	318
09/08/2022	8	550	510	355
09/08/2022	9	668	600	395
09/08/2022	10	668	600	418
09/08/2022	11	668	600	431
09/08/2022	12	668	600	420
09/08/2022	13	668	600	421
09/08/2022	14	668	600	424
09/08/2022	15	668	600	422
09/08/2022	16	668	600	416
09/08/2022	17	668	600	398
09/08/2022	18	668	600	391
09/08/2022	19	668	600	394
09/08/2022	20	668	600	389
09/08/2022	21	668	600	387
09/08/2022	22	668	600	382
09/08/2022	23	668	600	371
09/08/2022	24	550	510	354
09/09/2022	1	500	464	337
09/09/2022	2	500	464	327
09/09/2022	3	500	464	317
09/09/2022	4	500	464	310
09/09/2022	5	500	464	314
09/09/2022	6	500	464	315
09/09/2022	7	500	464	317
09/09/2022	8	550	510	357
09/09/2022	9	668	600	388
09/09/2022	10	668	600	418
09/09/2022	11	668	600	425
09/09/2022	12	668	600	414
09/09/2022	13	668	600	417
09/09/2022	14	668	600	423
09/09/2022	15	668	600	416
09/09/2022	16	668	600	411

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/09/2022	17	668	600	395
09/09/2022	18	668	600	384
09/09/2022	19	668	600	385
09/09/2022	20	668	600	380
09/09/2022	21	668	600	377
09/09/2022	22	668	600	364
09/09/2022	23	668	600	354
09/09/2022	24	550	510	344
09/10/2022	1	500	464	347
09/10/2022	2	455	464	335
09/10/2022	3	455	464	324
09/10/2022	4	455	464	315
09/10/2022	5	455	464	312
09/10/2022	6	455	464	306
09/10/2022	7	450	464	309
09/10/2022	8	450	464	331
09/10/2022	9	550	464	353
09/10/2022	10	668	510	376
09/10/2022	11	668	600	393
09/10/2022	12	668	600	386
09/10/2022	13	668	600	383
09/10/2022	14	668	600	380
09/10/2022	15	668	600	377
09/10/2022	16	668	510	370
09/10/2022	17	668	510	356
09/10/2022	18	668	510	356
09/10/2022	19	668	600	378
09/10/2022	20	668	600	376
09/10/2022	21	668	600	373
09/10/2022	22	668	600	364
09/10/2022	23	668	510	351
09/10/2022	24	550	464	325
09/11/2022	1	500	460	306
09/11/2022	2	455	450	296
09/11/2022	3	455	450	290
09/11/2022	4	455	450	283
09/11/2022	5	455	450	282
09/11/2022	6	455	450	278
09/11/2022	7	450	417	278
09/11/2022	8	450	417	292
09/11/2022	9	550	464	314
09/11/2022	10	668	464	334
09/11/2022	11	668	464	345
09/11/2022	12	668	464	341
09/11/2022	13	668	510	341
09/11/2022	14	668	510	343
09/11/2022	15	668	510	343
09/11/2022	16	668	510	338
09/11/2022	17	668	510	335
09/11/2022	18	668	556	348
09/11/2022	19	668	600	365
09/11/2022	20	668	600	363
09/11/2022	21	668	600	362
09/11/2022	22	668	600	349
09/11/2022	23	668	510	336
09/11/2022	24	550	510	323
09/12/2022	1	500	482	304
09/12/2022	2	500	464	295
09/12/2022	3	500	464	288
09/12/2022	4	500	464	286
09/12/2022	5	500	464	297
09/12/2022	6	500	464	303
09/12/2022	7	550	510	311
09/12/2022	8	668	600	351
09/12/2022	9	668	600	386

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/12/2022	10	668	600	410
09/12/2022	11	668	600	420
09/12/2022	12	668	600	410
09/12/2022	13	668	600	413
09/12/2022	14	668	600	423
09/12/2022	15	668	600	426
09/12/2022	16	668	600	422
09/12/2022	17	668	600	398
09/12/2022	18	668	600	392
09/12/2022	19	668	600	401
09/12/2022	20	668	600	397
09/12/2022	21	668	600	392
09/12/2022	22	668	600	378
09/12/2022	23	668	600	364
09/12/2022	24	668	600	348
09/13/2022	1	668	455	336
09/13/2022	2	668	455	324
09/13/2022	3	668	455	313
09/13/2022	4	668	455	311
09/13/2022	5	668	455	316
09/13/2022	6	668	455	315
09/13/2022	7	668	455	322
09/13/2022	8	668	455	355
09/13/2022	9	668	455	395
09/13/2022	10	668	455	415
09/13/2022	11	668	455	427
09/13/2022	12	668	455	420
09/13/2022	13	668	455	424
09/13/2022	14	668	455	430
09/13/2022	15	668	455	422
09/13/2022	16	668	455	410
09/13/2022	17	668	455	392
09/13/2022	18	668	455	378
09/13/2022	19	668	455	393
09/13/2022	20	668	455	391
09/13/2022	21	668	455	384
09/13/2022	22	668	455	363
09/13/2022	23	668	455	354
09/13/2022	24	668	455	342
09/14/2022	1	480	480	338
09/14/2022	2	480	480	327
09/14/2022	3	480	480	322
09/14/2022	4	480	480	315
09/14/2022	5	480	480	316
09/14/2022	6	480	480	319
09/14/2022	7	480	480	324
09/14/2022	8	480	480	360
09/14/2022	9	550	550	393
09/14/2022	10	668	668	415
09/14/2022	11	668	668	425
09/14/2022	12	668	668	420
09/14/2022	13	668	668	422
09/14/2022	14	668	668	429
09/14/2022	15	668	668	427
09/14/2022	16	668	668	419
09/14/2022	17	550	550	404
09/14/2022	18	550	550	399
09/14/2022	19	668	668	401
09/14/2022	20	668	668	406
09/14/2022	21	668	668	400
09/14/2022	22	668	668	380
09/14/2022	23	668	668	367
09/14/2022	24	668	668	366
09/15/2022	1	668	668	340
09/15/2022	2	668	620	326

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/15/2022	3	668	570	315
09/15/2022	4	668	570	309
09/15/2022	5	668	570	314
09/15/2022	6	668	570	311
09/15/2022	7	668	620	315
09/15/2022	8	668	650	354
09/15/2022	9	668	650	386
09/15/2022	10	668	668	408
09/15/2022	11	668	668	420
09/15/2022	12	668	668	413
09/15/2022	13	668	668	422
09/15/2022	14	668	668	427
09/15/2022	15	668	668	426
09/15/2022	16	668	668	418
09/15/2022	17	668	650	396
09/15/2022	18	668	650	384
09/15/2022	19	668	650	390
09/15/2022	20	668	650	384
09/15/2022	21	668	650	382
09/15/2022	22	668	650	364
09/15/2022	23	668	650	350
09/15/2022	24	668	650	336
09/16/2022	1	668	668	336
09/16/2022	2	650	620	325
09/16/2022	3	620	600	315
09/16/2022	4	580	570	305
09/16/2022	5	580	570	310
09/16/2022	6	580	570	311
09/16/2022	7	650	620	317
09/16/2022	8	668	650	350
09/16/2022	9	668	650	387
09/16/2022	10	668	668	410
09/16/2022	11	668	668	419
09/16/2022	12	668	668	412
09/16/2022	13	668	668	417
09/16/2022	14	668	668	421
09/16/2022	15	668	668	418
09/16/2022	16	668	668	405
09/16/2022	17	668	650	384
09/16/2022	18	590	570	375
09/16/2022	19	668	650	385
09/16/2022	20	668	650	381
09/16/2022	21	668	650	375
09/16/2022	22	668	650	365
09/16/2022	23	668	650	353
09/16/2022	24	550	520	318
09/17/2022	1	668	668	342
09/17/2022	2	650	620	327
09/17/2022	3	620	600	317
09/17/2022	4	580	570	310
09/17/2022	5	580	570	309
09/17/2022	6	580	570	304
09/17/2022	7	580	550	309
09/17/2022	8	580	550	328
09/17/2022	9	580	550	355
09/17/2022	10	668	600	375
09/17/2022	11	668	668	382
09/17/2022	12	580	550	368
09/17/2022	13	580	550	360
09/17/2022	14	580	550	363
09/17/2022	15	580	550	358
09/17/2022	16	580	550	355
09/17/2022	17	580	550	350
09/17/2022	18	580	550	351
09/17/2022	19	668	650	371

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/17/2022	20	668	650	368
09/17/2022	21	668	650	362
09/17/2022	22	580	550	352
09/17/2022	23	580	550	341
09/17/2022	24	580	550	307
09/18/2022	1	500	460	312
09/18/2022	2	460	455	302
09/18/2022	3	460	455	296
09/18/2022	4	455	450	288
09/18/2022	5	455	450	287
09/18/2022	6	455	450	283
09/18/2022	7	455	450	283
09/18/2022	8	668	600	297
09/18/2022	9	668	600	320
09/18/2022	10	668	600	341
09/18/2022	11	668	600	351
09/18/2022	12	668	600	348
09/18/2022	13	668	600	348
09/18/2022	14	668	600	350
09/18/2022	15	668	600	349
09/18/2022	16	668	600	344
09/18/2022	17	668	600	341
09/18/2022	18	668	600	355
09/18/2022	19	668	600	372
09/18/2022	20	668	600	370
09/18/2022	21	668	600	369
09/18/2022	22	668	556	356
09/18/2022	23	668	556	343
09/18/2022	24	556	550	329
09/19/2022	1	668	420	318
09/19/2022	2	650	420	306
09/19/2022	3	620	420	297
09/19/2022	4	580	420	295
09/19/2022	5	580	420	301
09/19/2022	6	580	420	307
09/19/2022	7	580	420	313
09/19/2022	8	668	510	345
09/19/2022	9	668	600	383
09/19/2022	10	668	600	409
09/19/2022	11	668	600	421
09/19/2022	12	668	600	412
09/19/2022	13	668	600	415
09/19/2022	14	668	600	427
09/19/2022	15	668	600	429
09/19/2022	16	668	600	422
09/19/2022	17	668	600	406
09/19/2022	18	668	600	396
09/19/2022	19	668	600	404
09/19/2022	20	668	600	400
09/19/2022	21	668	600	397
09/19/2022	22	668	600	386
09/19/2022	23	668	600	369
09/19/2022	24	668	600	355
09/20/2022	1	668	600	339
09/20/2022	2	650	600	330
09/20/2022	3	620	600	317
09/20/2022	4	600	580	312
09/20/2022	5	600	580	317
09/20/2022	6	580	562	317
09/20/2022	7	580	518	322
09/20/2022	8	668	600	361
09/20/2022	9	668	600	394
09/20/2022	10	668	600	419
09/20/2022	11	668	600	427
09/20/2022	12	668	600	418

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/20/2022	13	668	600	424
09/20/2022	14	668	600	421
09/20/2022	15	668	600	419
09/20/2022	16	668	600	413
09/20/2022	17	668	600	403
09/20/2022	18	668	600	396
09/20/2022	19	668	600	396
09/20/2022	20	668	600	394
09/20/2022	21	668	600	391
09/20/2022	22	668	600	379
09/20/2022	23	668	600	366
09/20/2022	24	668	600	353
09/21/2022	1	668	600	312
09/21/2022	2	668	600	303
09/21/2022	3	668	556	295
09/21/2022	4	668	538	291
09/21/2022	5	668	538	296
09/21/2022	6	668	538	300
09/21/2022	7	668	538	305
09/21/2022	8	668	600	342
09/21/2022	9	668	600	373
09/21/2022	10	668	600	397
09/21/2022	11	668	600	405
09/21/2022	12	668	600	398
09/21/2022	13	668	600	404
09/21/2022	14	668	600	416
09/21/2022	15	668	600	414
09/21/2022	16	668	600	408
09/21/2022	17	668	600	390
09/21/2022	18	668	600	374
09/21/2022	19	668	600	382
09/21/2022	20	668	600	380
09/21/2022	21	668	600	376
09/21/2022	22	668	600	365
09/21/2022	23	668	600	360
09/21/2022	24	668	600	343
09/22/2022	1	668	600	323
09/22/2022	2	668	600	311
09/22/2022	3	668	510	300
09/22/2022	4	668	510	295
09/22/2022	5	668	510	301
09/22/2022	6	668	510	303
09/22/2022	7	668	510	306
09/22/2022	8	668	510	339
09/22/2022	9	668	510	370
09/22/2022	10	668	510	393
09/22/2022	11	668	600	407
09/22/2022	12	668	600	401
09/22/2022	13	668	600	403
09/22/2022	14	668	600	415
09/22/2022	15	668	600	413
09/22/2022	16	668	600	401
09/22/2022	17	668	600	382
09/22/2022	18	668	600	375
09/22/2022	19	668	600	379
09/22/2022	20	668	600	378
09/22/2022	21	668	600	371
09/22/2022	22	668	600	361
09/22/2022	23	668	600	347
09/22/2022	24	668	600	339
09/23/2022	1	668	600	335
09/23/2022	2	668	556	325
09/23/2022	3	668	482	316
09/23/2022	4	668	454	311
09/23/2022	5	668	454	312

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/23/2022	6	668	454	315
09/23/2022	7	668	454	321
09/23/2022	8	668	510	355
09/23/2022	9	668	600	386
09/23/2022	10	668	600	412
09/23/2022	11	668	600	420
09/23/2022	12	668	600	414
09/23/2022	13	668	600	416
09/23/2022	14	668	600	415
09/23/2022	15	668	600	415
09/23/2022	16	668	600	410
09/23/2022	17	668	600	393
09/23/2022	18	668	600	384
09/23/2022	19	668	600	385
09/23/2022	20	668	600	383
09/23/2022	21	668	600	378
09/23/2022	22	668	600	367
09/23/2022	23	668	600	364
09/23/2022	24	668	600	346
09/24/2022	1	668	600	335
09/24/2022	2	668	556	323
09/24/2022	3	668	482	312
09/24/2022	4	668	454	307
09/24/2022	5	668	454	303
09/24/2022	6	668	454	299
09/24/2022	7	668	454	302
09/24/2022	8	668	454	320
09/24/2022	9	668	510	344
09/24/2022	10	668	600	367
09/24/2022	11	668	600	380
09/24/2022	12	668	600	370
09/24/2022	13	668	600	375
09/24/2022	14	668	600	383
09/24/2022	15	668	600	381
09/24/2022	16	668	600	373
09/24/2022	17	668	600	361
09/24/2022	18	668	600	359
09/24/2022	19	668	600	368
09/24/2022	20	668	600	362
09/24/2022	21	668	600	359
09/24/2022	22	668	600	351
09/24/2022	23	668	600	349
09/24/2022	24	668	600	330
09/25/2022	1	668	464	309
09/25/2022	2	535	464	299
09/25/2022	3	559	464	293
09/25/2022	4	487	464	286
09/25/2022	5	464	460	285
09/25/2022	6	464	460	281
09/25/2022	7	464	450	281
09/25/2022	8	668	510	295
09/25/2022	9	668	510	318
09/25/2022	10	668	535	338
09/25/2022	11	668	535	349
09/25/2022	12	600	556	345
09/25/2022	13	600	556	345
09/25/2022	14	600	556	347
09/25/2022	15	600	556	347
09/25/2022	16	600	556	342
09/25/2022	17	600	556	339
09/25/2022	18	668	600	352
09/25/2022	19	668	600	369
09/25/2022	20	668	600	367
09/25/2022	21	668	600	366
09/25/2022	22	668	600	353

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/25/2022	23	584	556	340
09/25/2022	24	550	539	326
09/26/2022	1	668	454	322
09/26/2022	2	668	454	312
09/26/2022	3	668	454	305
09/26/2022	4	668	454	299
09/26/2022	5	668	454	311
09/26/2022	6	668	454	317
09/26/2022	7	668	454	323
09/26/2022	8	668	510	361
09/26/2022	9	668	600	394
09/26/2022	10	668	600	416
09/26/2022	11	668	600	426
09/26/2022	12	668	600	410
09/26/2022	13	668	600	405
09/26/2022	14	668	600	412
09/26/2022	15	668	600	406
09/26/2022	16	668	600	396
09/26/2022	17	668	600	388
09/26/2022	18	668	600	389
09/26/2022	19	668	600	391
09/26/2022	20	668	600	384
09/26/2022	21	668	600	375
09/26/2022	22	668	600	361
09/26/2022	23	668	600	347
09/26/2022	24	668	600	334
09/27/2022	1	480	417	317
09/27/2022	2	480	417	305
09/27/2022	3	480	417	297
09/27/2022	4	480	417	295
09/27/2022	5	480	417	300
09/27/2022	6	480	417	302
09/27/2022	7	480	417	308
09/27/2022	8	480	417	340
09/27/2022	9	550	510	377
09/27/2022	10	668	600	402
09/27/2022	11	668	600	415
09/27/2022	12	668	600	406
09/27/2022	13	668	600	408
09/27/2022	14	668	600	412
09/27/2022	15	668	600	414
09/27/2022	16	668	600	407
09/27/2022	17	668	600	393
09/27/2022	18	668	600	384
09/27/2022	19	668	600	391
09/27/2022	20	668	600	388
09/27/2022	21	668	600	384
09/27/2022	22	668	600	374
09/27/2022	23	668	600	358
09/27/2022	24	668	600	353
09/28/2022	1	480	420	337
09/28/2022	2	450	389	326
09/28/2022	3	450	389	316
09/28/2022	4	450	389	311
09/28/2022	5	450	389	317
09/28/2022	6	450	389	317
09/28/2022	7	450	389	316
09/28/2022	8	480	420	353
09/28/2022	9	550	510	381
09/28/2022	10	668	600	415
09/28/2022	11	668	600	420
09/28/2022	12	668	600	413
09/28/2022	13	668	600	416
09/28/2022	14	668	600	414
09/28/2022	15	668	600	410

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
09/28/2022	16	668	600	403
09/28/2022	17	668	600	387
09/28/2022	18	668	600	387
09/28/2022	19	668	600	394
09/28/2022	20	668	600	383
09/28/2022	21	580	538	376
09/28/2022	22	550	460	369
09/28/2022	23	550	445	355
09/28/2022	24	550	445	333
09/29/2022	1	500	464	305
09/29/2022	2	490	445	296
09/29/2022	3	490	445	290
09/29/2022	4	490	445	289
09/29/2022	5	490	445	298
09/29/2022	6	490	445	303
09/29/2022	7	490	445	309
09/29/2022	8	550	510	345
09/29/2022	9	668	600	373
09/29/2022	10	668	600	399
09/29/2022	11	668	600	408
09/29/2022	12	668	600	402
09/29/2022	13	668	600	403
09/29/2022	14	668	600	414
09/29/2022	15	668	600	413
09/29/2022	16	668	600	404
09/29/2022	17	668	600	387
09/29/2022	18	668	600	388
09/29/2022	19	668	600	391
09/29/2022	20	668	600	389
09/29/2022	21	668	600	380
09/29/2022	22	668	600	363
09/29/2022	23	668	600	349
09/29/2022	24	668	600	351
09/30/2022	1	668	600	333
09/30/2022	2	668	600	322
09/30/2022	3	668	600	317
09/30/2022	4	668	600	311
09/30/2022	5	668	600	312
09/30/2022	6	668	600	312
09/30/2022	7	668	600	318
09/30/2022	8	668	600	353
09/30/2022	9	668	600	391
09/30/2022	10	668	600	414
09/30/2022	11	668	600	423
09/30/2022	12	668	600	412
09/30/2022	13	668	600	413
09/30/2022	14	668	600	416
09/30/2022	15	668	600	416
09/30/2022	16	668	600	411
09/30/2022	17	668	600	394
09/30/2022	18	668	600	393
09/30/2022	19	668	600	386
09/30/2022	20	668	600	384
09/30/2022	21	668	600	377
09/30/2022	22	668	600	365
09/30/2022	23	668	600	354
09/30/2022	24	668	600	343
10/01/2022	1	570	519	323
10/01/2022	2	570	519	313
10/01/2022	3	570	519	306
10/01/2022	4	550	510	300
10/01/2022	5	500	445	300
10/01/2022	6	500	445	300
10/01/2022	7	500	445	301
10/01/2022	8	550	510	326

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/01/2022	9	550	510	352
10/01/2022	10	668	600	372
10/01/2022	11	668	600	389
10/01/2022	12	668	600	382
10/01/2022	13	668	600	382
10/01/2022	14	668	600	382
10/01/2022	15	668	600	381
10/01/2022	16	668	600	376
10/01/2022	17	668	600	370
10/01/2022	18	668	600	367
10/01/2022	19	668	600	373
10/01/2022	20	668	600	371
10/01/2022	21	668	600	369
10/01/2022	22	668	600	357
10/01/2022	23	668	600	347
10/01/2022	24	668	600	338
10/02/2022	1	668	464	304
10/02/2022	2	550	464	295
10/02/2022	3	550	464	289
10/02/2022	4	600	464	282
10/02/2022	5	600	464	281
10/02/2022	6	550	464	277
10/02/2022	7	550	464	276
10/02/2022	8	550	510	290
10/02/2022	9	550	464	313
10/02/2022	10	668	535	333
10/02/2022	11	668	549	343
10/02/2022	12	668	556	340
10/02/2022	13	668	556	340
10/02/2022	14	668	556	342
10/02/2022	15	668	556	341
10/02/2022	16	668	556	336
10/02/2022	17	668	556	333
10/02/2022	18	668	600	347
10/02/2022	19	668	600	363
10/02/2022	20	668	600	361
10/02/2022	21	668	600	360
10/02/2022	22	668	600	347
10/02/2022	23	668	556	335
10/02/2022	24	668	539	321
10/03/2022	1	550	482	320
10/03/2022	2	500	464	309
10/03/2022	3	500	464	302
10/03/2022	4	500	460	297
10/03/2022	5	500	460	308
10/03/2022	6	500	460	315
10/03/2022	7	520	464	320
10/03/2022	8	550	510	358
10/03/2022	9	668	600	391
10/03/2022	10	668	600	413
10/03/2022	11	668	600	423
10/03/2022	12	668	600	407
10/03/2022	13	668	600	402
10/03/2022	14	668	600	408
10/03/2022	15	668	600	403
10/03/2022	16	668	600	393
10/03/2022	17	668	600	385
10/03/2022	18	668	600	386
10/03/2022	19	668	600	387
10/03/2022	20	668	600	381
10/03/2022	21	668	600	371
10/03/2022	22	668	600	358
10/03/2022	23	668	600	344
10/03/2022	24	668	600	331
10/04/2022	1	550	482	318

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/04/2022	2	500	464	307
10/04/2022	3	500	464	301
10/04/2022	4	500	445	297
10/04/2022	5	500	445	304
10/04/2022	6	500	445	305
10/04/2022	7	520	464	311
10/04/2022	8	550	510	344
10/04/2022	9	668	600	376
10/04/2022	10	668	600	395
10/04/2022	11	668	600	398
10/04/2022	12	668	600	403
10/04/2022	13	668	600	405
10/04/2022	14	668	600	400
10/04/2022	15	668	600	403
10/04/2022	16	668	600	398
10/04/2022	17	668	600	386
10/04/2022	18	668	600	385
10/04/2022	19	668	600	383
10/04/2022	20	668	600	378
10/04/2022	21	668	600	373
10/04/2022	22	668	600	359
10/04/2022	23	668	600	345
10/04/2022	24	668	600	356
10/05/2022	1	600	510	323
10/05/2022	2	550	482	314
10/05/2022	3	500	464	304
10/05/2022	4	500	445	300
10/05/2022	5	500	445	306
10/05/2022	6	500	445	310
10/05/2022	7	520	464	316
10/05/2022	8	550	510	350
10/05/2022	9	668	600	384
10/05/2022	10	668	600	406
10/05/2022	11	668	600	417
10/05/2022	12	668	600	403
10/05/2022	13	668	600	402
10/05/2022	14	668	600	405
10/05/2022	15	668	600	412
10/05/2022	16	668	600	408
10/05/2022	17	668	600	393
10/05/2022	18	668	600	398
10/05/2022	19	668	600	383
10/05/2022	20	668	600	377
10/05/2022	21	668	600	380
10/05/2022	22	668	600	359
10/05/2022	23	668	600	347
10/05/2022	24	668	600	348
10/06/2022	1	668	600	345
10/06/2022	2	668	600	329
10/06/2022	3	668	600	318
10/06/2022	4	668	600	312
10/06/2022	5	668	600	319
10/06/2022	6	668	600	320
10/06/2022	7	668	600	324
10/06/2022	8	668	600	359
10/06/2022	9	668	600	392
10/06/2022	10	668	600	423
10/06/2022	11	668	600	433
10/06/2022	12	668	600	423
10/06/2022	13	668	600	427
10/06/2022	14	668	600	431
10/06/2022	15	668	600	429
10/06/2022	16	668	600	421
10/06/2022	17	668	600	410
10/06/2022	18	668	600	398

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/06/2022	19	668	600	393
10/06/2022	20	668	600	392
10/06/2022	21	668	600	386
10/06/2022	22	668	600	375
10/06/2022	23	668	600	361
10/06/2022	24	668	600	345
10/07/2022	1	668	668	345
10/07/2022	2	668	668	333
10/07/2022	3	668	668	325
10/07/2022	4	668	668	319
10/07/2022	5	668	668	320
10/07/2022	6	668	668	320
10/07/2022	7	668	668	326
10/07/2022	8	668	668	366
10/07/2022	9	668	668	398
10/07/2022	10	668	668	421
10/07/2022	11	668	668	423
10/07/2022	12	668	668	425
10/07/2022	13	668	668	427
10/07/2022	14	668	668	417
10/07/2022	15	668	668	417
10/07/2022	16	668	668	412
10/07/2022	17	668	668	401
10/07/2022	18	668	668	392
10/07/2022	19	668	668	392
10/07/2022	20	668	668	390
10/07/2022	21	668	668	386
10/07/2022	22	668	668	374
10/07/2022	23	668	668	363
10/07/2022	24	668	668	328
10/08/2022	1	480	480	317
10/08/2022	2	480	480	310
10/08/2022	3	480	480	303
10/08/2022	4	480	480	297
10/08/2022	5	480	480	297
10/08/2022	6	480	480	293
10/08/2022	7	480	480	295
10/08/2022	8	480	480	322
10/08/2022	9	550	550	344
10/08/2022	10	668	668	369
10/08/2022	11	668	668	381
10/08/2022	12	668	668	374
10/08/2022	13	668	668	374
10/08/2022	14	668	668	385
10/08/2022	15	668	668	384
10/08/2022	16	668	668	379
10/08/2022	17	668	668	364
10/08/2022	18	668	668	363
10/08/2022	19	668	668	369
10/08/2022	20	668	668	367
10/08/2022	21	668	668	365
10/08/2022	22	668	668	353
10/08/2022	23	668	668	344
10/08/2022	24	668	668	335
10/09/2022	1	620	620	335
10/09/2022	2	550	550	321
10/09/2022	3	480	480	312
10/09/2022	4	480	480	305
10/09/2022	5	480	480	301
10/09/2022	6	480	480	293
10/09/2022	7	480	480	290
10/09/2022	8	480	480	297
10/09/2022	9	550	550	314
10/09/2022	10	668	668	337
10/09/2022	11	668	668	344

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/09/2022	12	668	668	343
10/09/2022	13	668	668	345
10/09/2022	14	668	668	346
10/09/2022	15	668	668	348
10/09/2022	16	668	668	344
10/09/2022	17	668	668	343
10/09/2022	18	668	668	363
10/09/2022	19	668	668	368
10/09/2022	20	668	668	367
10/09/2022	21	668	668	366
10/09/2022	22	668	668	358
10/09/2022	23	668	668	344
10/09/2022	24	668	668	328
10/10/2022	1	600	600	330
10/10/2022	2	550	550	320
10/10/2022	3	500	500	311
10/10/2022	4	500	500	307
10/10/2022	5	550	550	317
10/10/2022	6	668	668	325
10/10/2022	7	668	668	333
10/10/2022	8	668	668	367
10/10/2022	9	668	668	398
10/10/2022	10	668	668	419
10/10/2022	11	668	668	422
10/10/2022	12	668	668	414
10/10/2022	13	668	668	412
10/10/2022	14	668	668	430
10/10/2022	15	668	668	428
10/10/2022	16	668	668	424
10/10/2022	17	668	668	412
10/10/2022	18	668	668	417
10/10/2022	19	668	668	412
10/10/2022	20	668	668	406
10/10/2022	21	668	668	397
10/10/2022	22	668	668	382
10/10/2022	23	668	668	366
10/10/2022	24	668	668	352
10/11/2022	1	500	500	322
10/11/2022	2	500	500	312
10/11/2022	3	500	500	307
10/11/2022	4	500	500	302
10/11/2022	5	500	500	309
10/11/2022	6	500	500	316
10/11/2022	7	500	500	320
10/11/2022	8	550	550	356
10/11/2022	9	668	668	392
10/11/2022	10	668	668	413
10/11/2022	11	668	668	424
10/11/2022	12	668	668	418
10/11/2022	13	668	668	416
10/11/2022	14	668	668	417
10/11/2022	15	668	668	417
10/11/2022	16	668	668	412
10/11/2022	17	668	668	406
10/11/2022	18	668	668	401
10/11/2022	19	668	668	398
10/11/2022	20	668	668	395
10/11/2022	21	668	668	389
10/11/2022	22	668	668	377
10/11/2022	23	668	668	363
10/11/2022	24	668	668	342
10/12/2022	1	668	668	342
10/12/2022	2	668	668	327
10/12/2022	3	600	600	314
10/12/2022	4	550	550	312

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/12/2022	5	550	550	317
10/12/2022	6	500	500	320
10/12/2022	7	500	500	321
10/12/2022	8	600	600	357
10/12/2022	9	668	668	391
10/12/2022	10	668	668	415
10/12/2022	11	668	668	423
10/12/2022	12	668	668	417
10/12/2022	13	668	668	423
10/12/2022	14	668	668	436
10/12/2022	15	668	668	433
10/12/2022	16	668	668	427
10/12/2022	17	668	668	408
10/12/2022	18	668	668	405
10/12/2022	19	668	668	397
10/12/2022	20	668	668	400
10/12/2022	21	668	668	396
10/12/2022	22	668	668	383
10/12/2022	23	668	668	366
10/12/2022	24	668	668	342
10/13/2022	1	668	668	340
10/13/2022	2	668	668	329
10/13/2022	3	500	500	312
10/13/2022	4	500	500	310
10/13/2022	5	500	500	315
10/13/2022	6	500	500	317
10/13/2022	7	500	500	319
10/13/2022	8	600	600	355
10/13/2022	9	668	668	392
10/13/2022	10	668	668	417
10/13/2022	11	668	668	428
10/13/2022	12	668	668	430
10/13/2022	13	668	668	428
10/13/2022	14	668	668	444
10/13/2022	15	668	668	429
10/13/2022	16	668	668	424
10/13/2022	17	668	668	405
10/13/2022	18	668	668	404
10/13/2022	19	668	668	401
10/13/2022	20	668	668	398
10/13/2022	21	668	668	394
10/13/2022	22	668	668	378
10/13/2022	23	668	668	368
10/13/2022	24	668	668	354
10/14/2022	1	668	668	352
10/14/2022	2	668	668	343
10/14/2022	3	668	668	329
10/14/2022	4	668	668	323
10/14/2022	5	668	668	328
10/14/2022	6	668	668	328
10/14/2022	7	668	668	334
10/14/2022	8	668	668	365
10/14/2022	9	668	668	397
10/14/2022	10	668	668	419
10/14/2022	11	668	668	428
10/14/2022	12	668	668	421
10/14/2022	13	668	668	424
10/14/2022	14	668	668	439
10/14/2022	15	668	668	435
10/14/2022	16	668	668	426
10/14/2022	17	668	668	414
10/14/2022	18	668	668	408
10/14/2022	19	668	668	401
10/14/2022	20	668	668	406
10/14/2022	21	668	668	398

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/14/2022	22	668	668	387
10/14/2022	23	668	668	375
10/14/2022	24	668	668	360
10/15/2022	1	668	668	344
10/15/2022	2	600	600	333
10/15/2022	3	500	500	322
10/15/2022	4	500	500	316
10/15/2022	5	500	500	312
10/15/2022	6	500	500	308
10/15/2022	7	500	500	309
10/15/2022	8	500	500	326
10/15/2022	9	550	550	351
10/15/2022	10	668	668	378
10/15/2022	11	668	668	391
10/15/2022	12	668	668	384
10/15/2022	13	668	668	389
10/15/2022	14	668	668	382
10/15/2022	15	668	668	389
10/15/2022	16	668	668	382
10/15/2022	17	668	668	370
10/15/2022	18	668	668	373
10/15/2022	19	668	668	384
10/15/2022	20	668	668	382
10/15/2022	21	668	668	380
10/15/2022	22	668	668	368
10/15/2022	23	668	668	358
10/15/2022	24	668	668	346
10/16/2022	1	668	668	346
10/16/2022	2	600	600	334
10/16/2022	3	500	500	324
10/16/2022	4	480	480	315
10/16/2022	5	480	480	309
10/16/2022	6	420	420	300
10/16/2022	7	420	420	296
10/16/2022	8	480	480	310
10/16/2022	9	550	550	326
10/16/2022	10	668	668	347
10/16/2022	11	668	668	354
10/16/2022	12	668	668	359
10/16/2022	13	668	668	364
10/16/2022	14	668	668	370
10/16/2022	15	668	668	370
10/16/2022	16	668	668	365
10/16/2022	17	668	668	357
10/16/2022	18	668	668	376
10/16/2022	19	668	668	382
10/16/2022	20	668	668	382
10/16/2022	21	668	668	382
10/16/2022	22	668	668	375
10/16/2022	23	668	668	361
10/16/2022	24	668	668	347
10/17/2022	1	500	500	324
10/17/2022	2	480	480	312
10/17/2022	3	480	480	304
10/17/2022	4	480	480	300
10/17/2022	5	480	480	304
10/17/2022	6	480	480	309
10/17/2022	7	500	500	315
10/17/2022	8	668	668	356
10/17/2022	9	668	668	391
10/17/2022	10	668	668	417
10/17/2022	11	668	668	428
10/17/2022	12	668	668	421
10/17/2022	13	668	668	428
10/17/2022	14	668	668	444

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/17/2022	15	668	668	445
10/17/2022	16	668	668	435
10/17/2022	17	668	668	416
10/17/2022	18	668	668	416
10/17/2022	19	668	668	413
10/17/2022	20	668	668	409
10/17/2022	21	668	668	405
10/17/2022	22	668	668	394
10/17/2022	23	668	668	380
10/17/2022	24	668	668	364
10/18/2022	1	500	500	334
10/18/2022	2	500	500	324
10/18/2022	3	500	500	321
10/18/2022	4	500	500	316
10/18/2022	5	500	500	323
10/18/2022	6	500	500	328
10/18/2022	7	550	550	332
10/18/2022	8	668	668	369
10/18/2022	9	668	668	400
10/18/2022	10	668	668	420
10/18/2022	11	668	668	432
10/18/2022	12	668	668	403
10/18/2022	13	668	668	424
10/18/2022	14	668	668	431
10/18/2022	15	668	668	432
10/18/2022	16	668	668	427
10/18/2022	17	668	668	412
10/18/2022	18	668	668	414
10/18/2022	19	668	668	411
10/18/2022	20	668	668	408
10/18/2022	21	668	668	401
10/18/2022	22	668	668	390
10/18/2022	23	668	668	383
10/18/2022	24	668	668	344
10/19/2022	1	600	600	342
10/19/2022	2	550	550	330
10/19/2022	3	500	500	317
10/19/2022	4	500	500	314
10/19/2022	5	500	500	320
10/19/2022	6	500	500	322
10/19/2022	7	550	550	328
10/19/2022	8	600	600	357
10/19/2022	9	668	668	391
10/19/2022	10	668	668	411
10/19/2022	11	668	668	426
10/19/2022	12	668	668	415
10/19/2022	13	668	668	420
10/19/2022	14	668	668	433
10/19/2022	15	668	668	430
10/19/2022	16	668	668	423
10/19/2022	17	668	668	401
10/19/2022	18	668	668	403
10/19/2022	19	668	668	402
10/19/2022	20	668	668	399
10/19/2022	21	668	668	395
10/19/2022	22	668	668	381
10/19/2022	23	668	668	368
10/19/2022	24	668	668	359
10/20/2022	1	500	500	340
10/20/2022	2	500	500	329
10/20/2022	3	500	500	316
10/20/2022	4	500	500	312
10/20/2022	5	500	500	325
10/20/2022	6	500	500	328
10/20/2022	7	500	500	330

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/20/2022	8	550	550	362
10/20/2022	9	668	668	397
10/20/2022	10	668	668	422
10/20/2022	11	668	668	429
10/20/2022	12	668	668	425
10/20/2022	13	668	668	427
10/20/2022	14	668	668	432
10/20/2022	15	668	668	427
10/20/2022	16	668	668	421
10/20/2022	17	668	668	404
10/20/2022	18	668	668	413
10/20/2022	19	668	668	408
10/20/2022	20	668	668	405
10/20/2022	21	668	668	400
10/20/2022	22	668	668	389
10/20/2022	23	668	668	375
10/20/2022	24	668	668	360
10/21/2022	1	550	550	346
10/21/2022	2	500	500	339
10/21/2022	3	500	500	331
10/21/2022	4	500	500	326
10/21/2022	5	500	500	327
10/21/2022	6	500	500	326
10/21/2022	7	500	500	330
10/21/2022	8	550	550	366
10/21/2022	9	668	668	396
10/21/2022	10	668	668	411
10/21/2022	11	668	668	423
10/21/2022	12	668	668	417
10/21/2022	13	668	668	419
10/21/2022	14	668	668	428
10/21/2022	15	668	668	426
10/21/2022	16	668	668	417
10/21/2022	17	668	668	397
10/21/2022	18	668	668	399
10/21/2022	19	668	668	400
10/21/2022	20	668	668	397
10/21/2022	21	668	668	396
10/21/2022	22	668	668	386
10/21/2022	23	668	668	370
10/21/2022	24	668	668	355
10/22/2022	1	668	668	353
10/22/2022	2	600	600	341
10/22/2022	3	550	550	332
10/22/2022	4	500	500	323
10/22/2022	5	500	500	320
10/22/2022	6	500	500	313
10/22/2022	7	500	500	317
10/22/2022	8	500	500	336
10/22/2022	9	550	550	366
10/22/2022	10	668	668	391
10/22/2022	11	668	668	397
10/22/2022	12	668	668	392
10/22/2022	13	668	668	392
10/22/2022	14	668	668	403
10/22/2022	15	668	668	400
10/22/2022	16	668	668	390
10/22/2022	17	668	668	380
10/22/2022	18	668	668	393
10/22/2022	19	668	668	389
10/22/2022	20	668	668	388
10/22/2022	21	668	668	387
10/22/2022	22	668	668	378
10/22/2022	23	668	668	368
10/22/2022	24	668	668	353

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/23/2022	1	550	550	311
10/23/2022	2	500	500	301
10/23/2022	3	464	450	295
10/23/2022	4	464	450	288
10/23/2022	5	464	450	287
10/23/2022	6	450	450	283
10/23/2022	7	500	500	283
10/23/2022	8	550	550	297
10/23/2022	9	550	550	320
10/23/2022	10	600	600	341
10/23/2022	11	668	668	351
10/23/2022	12	600	600	348
10/23/2022	13	600	556	348
10/23/2022	14	668	600	350
10/23/2022	15	668	600	349
10/23/2022	16	668	600	344
10/23/2022	17	668	600	341
10/23/2022	18	600	600	355
10/23/2022	19	668	668	372
10/23/2022	20	668	668	370
10/23/2022	21	668	600	368
10/23/2022	22	668	668	355
10/23/2022	23	668	600	342
10/23/2022	24	550	550	329
10/24/2022	1	500	500	325
10/24/2022	2	480	480	310
10/24/2022	3	480	480	303
10/24/2022	4	480	480	299
10/24/2022	5	480	480	307
10/24/2022	6	480	480	312
10/24/2022	7	550	550	323
10/24/2022	8	668	668	363
10/24/2022	9	668	668	397
10/24/2022	10	668	668	421
10/24/2022	11	668	668	430
10/24/2022	12	668	668	422
10/24/2022	13	668	668	423
10/24/2022	14	668	668	434
10/24/2022	15	668	668	431
10/24/2022	16	668	668	424
10/24/2022	17	668	668	406
10/24/2022	18	668	668	411
10/24/2022	19	668	668	406
10/24/2022	20	668	668	401
10/24/2022	21	668	668	393
10/24/2022	22	668	668	383
10/24/2022	23	668	668	368
10/24/2022	24	668	668	354
10/25/2022	1	600	600	338
10/25/2022	2	500	500	327
10/25/2022	3	480	480	319
10/25/2022	4	480	480	314
10/25/2022	5	480	480	320
10/25/2022	6	480	480	324
10/25/2022	7	520	520	326
10/25/2022	8	600	600	365
10/25/2022	9	668	668	395
10/25/2022	10	668	668	417
10/25/2022	11	668	668	426
10/25/2022	12	668	668	418
10/25/2022	13	668	668	421
10/25/2022	14	668	668	429
10/25/2022	15	668	668	427
10/25/2022	16	668	668	419
10/25/2022	17	668	668	403

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/25/2022	18	668	668	411
10/25/2022	19	668	668	402
10/25/2022	20	668	668	401
10/25/2022	21	668	668	394
10/25/2022	22	668	668	375
10/25/2022	23	668	668	361
10/25/2022	24	668	668	357
10/26/2022	1	600	600	341
10/26/2022	2	500	500	333
10/26/2022	3	480	480	322
10/26/2022	4	480	480	317
10/26/2022	5	480	480	321
10/26/2022	6	480	480	322
10/26/2022	7	520	520	328
10/26/2022	8	600	600	358
10/26/2022	9	668	668	389
10/26/2022	10	668	668	410
10/26/2022	11	668	668	419
10/26/2022	12	668	668	412
10/26/2022	13	668	668	416
10/26/2022	14	668	668	426
10/26/2022	15	668	668	421
10/26/2022	16	668	668	413
10/26/2022	17	668	668	401
10/26/2022	18	668	668	403
10/26/2022	19	668	668	396
10/26/2022	20	668	668	394
10/26/2022	21	668	668	386
10/26/2022	22	668	668	369
10/26/2022	23	668	668	357
10/26/2022	24	668	668	331
10/27/2022	1	550	550	321
10/27/2022	2	480	480	310
10/27/2022	3	480	480	300
10/27/2022	4	480	480	296
10/27/2022	5	480	480	316
10/27/2022	6	480	480	319
10/27/2022	7	500	500	322
10/27/2022	8	600	600	358
10/27/2022	9	668	668	390
10/27/2022	10	668	668	406
10/27/2022	11	668	668	412
10/27/2022	12	668	668	410
10/27/2022	13	668	668	405
10/27/2022	14	668	668	409
10/27/2022	15	668	668	403
10/27/2022	16	668	668	400
10/27/2022	17	668	668	390
10/27/2022	18	668	668	398
10/27/2022	19	668	668	390
10/27/2022	20	668	668	385
10/27/2022	21	668	668	369
10/27/2022	22	668	668	358
10/27/2022	23	668	668	345
10/27/2022	24	668	668	330
10/28/2022	1	550	550	326
10/28/2022	2	480	480	316
10/28/2022	3	480	480	306
10/28/2022	4	480	480	302
10/28/2022	5	480	480	305
10/28/2022	6	480	480	310
10/28/2022	7	480	480	318
10/28/2022	8	550	550	349
10/28/2022	9	600	600	375
10/28/2022	10	668	668	395

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/28/2022	11	668	668	407
10/28/2022	12	668	668	401
10/28/2022	13	668	668	404
10/28/2022	14	668	668	406
10/28/2022	15	668	668	403
10/28/2022	16	668	668	398
10/28/2022	17	668	668	383
10/28/2022	18	668	668	388
10/28/2022	19	668	668	388
10/28/2022	20	668	668	380
10/28/2022	21	668	668	368
10/28/2022	22	668	668	357
10/28/2022	23	668	668	344
10/28/2022	24	668	668	340
10/29/2022	1	550	550	334
10/29/2022	2	480	480	326
10/29/2022	3	480	480	316
10/29/2022	4	480	480	308
10/29/2022	5	480	480	306
10/29/2022	6	480	480	304
10/29/2022	7	480	480	305
10/29/2022	8	480	480	327
10/29/2022	9	550	550	352
10/29/2022	10	600	600	374
10/29/2022	11	668	668	386
10/29/2022	12	668	668	379
10/29/2022	13	668	668	384
10/29/2022	14	668	668	390
10/29/2022	15	668	668	389
10/29/2022	16	668	668	382
10/29/2022	17	668	668	366
10/29/2022	18	668	668	371
10/29/2022	19	668	668	375
10/29/2022	20	668	668	374
10/29/2022	21	668	668	370
10/29/2022	22	668	668	357
10/29/2022	23	668	668	350
10/29/2022	24	668	668	349
10/30/2022	1	668	668	341
10/30/2022	2	550	550	330
10/30/2022	3	480	480	318
10/30/2022	4	480	480	308
10/30/2022	5	480	480	303
10/30/2022	6	480	480	297
10/30/2022	7	480	480	292
10/30/2022	8	480	480	303
10/30/2022	9	480	480	321
10/30/2022	10	550	550	339
10/30/2022	11	668	668	350
10/30/2022	12	668	668	350
10/30/2022	13	668	668	352
10/30/2022	14	668	668	363
10/30/2022	15	668	668	356
10/30/2022	16	668	668	347
10/30/2022	17	668	668	346
10/30/2022	18	668	668	373
10/30/2022	19	668	668	375
10/30/2022	20	668	668	378
10/30/2022	21	668	668	375
10/30/2022	22	668	668	366
10/30/2022	23	668	668	352
10/30/2022	24	668	668	337
10/31/2022	1	668	668	339
10/31/2022	2	550	550	327
10/31/2022	3	480	480	315

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
10/31/2022	4	480	480	306
10/31/2022	5	480	480	301
10/31/2022	6	480	480	295
10/31/2022	7	480	480	290
10/31/2022	8	480	480	301
10/31/2022	9	480	480	319
10/31/2022	10	550	550	336
10/31/2022	11	668	668	348
10/31/2022	12	668	668	347
10/31/2022	13	668	668	350
10/31/2022	14	668	668	360
10/31/2022	15	668	668	353
10/31/2022	16	668	668	345
10/31/2022	17	668	668	343
10/31/2022	18	668	668	370
10/31/2022	19	668	668	372
10/31/2022	20	668	668	375
10/31/2022	21	668	668	372
10/31/2022	22	668	668	364
10/31/2022	23	668	668	349
10/31/2022	24	668	668	334
11/01/2022	1	668	668	324
11/01/2022	2	550	550	313
11/01/2022	3	480	480	301
11/01/2022	4	480	480	292
11/01/2022	5	480	480	287
11/01/2022	6	480	480	282
11/01/2022	7	480	480	277
11/01/2022	8	480	480	288
11/01/2022	9	480	480	305
11/01/2022	10	550	550	321
11/01/2022	11	668	668	332
11/01/2022	12	668	668	332
11/01/2022	13	668	668	334
11/01/2022	14	668	668	344
11/01/2022	15	668	668	338
11/01/2022	16	668	668	330
11/01/2022	17	668	668	328
11/01/2022	18	668	668	353
11/01/2022	19	668	668	356
11/01/2022	20	668	668	359
11/01/2022	21	668	668	356
11/01/2022	22	668	668	348
11/01/2022	23	668	668	334
11/01/2022	24	668	668	320
11/02/2022	1	480	480	310
11/02/2022	2	480	480	299
11/02/2022	3	480	480	286
11/02/2022	4	480	480	283
11/02/2022	5	480	480	292
11/02/2022	6	480	480	300
11/02/2022	7	480	480	304
11/02/2022	8	550	550	343
11/02/2022	9	668	668	374
11/02/2022	10	668	668	400
11/02/2022	11	668	668	411
11/02/2022	12	668	668	407
11/02/2022	13	668	668	410
11/02/2022	14	668	668	426
11/02/2022	15	668	668	424
11/02/2022	16	668	668	417
11/02/2022	17	668	668	396
11/02/2022	18	668	668	402
11/02/2022	19	668	668	397
11/02/2022	20	668	668	395

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/02/2022	21	668	668	388
11/02/2022	22	668	668	376
11/02/2022	23	668	668	362
11/02/2022	24	668	668	347
11/03/2022	1	550	550	325
11/03/2022	2	480	480	314
11/03/2022	3	480	480	304
11/03/2022	4	480	480	302
11/03/2022	5	480	480	309
11/03/2022	6	480	480	314
11/03/2022	7	480	480	318
11/03/2022	8	550	550	348
11/03/2022	9	668	668	379
11/03/2022	10	668	668	403
11/03/2022	11	668	668	403
11/03/2022	12	668	668	400
11/03/2022	13	668	668	400
11/03/2022	14	668	668	407
11/03/2022	15	668	668	406
11/03/2022	16	668	668	402
11/03/2022	17	668	668	395
11/03/2022	18	668	668	402
11/03/2022	19	668	668	393
11/03/2022	20	668	668	390
11/03/2022	21	668	668	382
11/03/2022	22	668	668	370
11/03/2022	23	668	668	356
11/03/2022	24	668	668	339
11/04/2022	1	668	668	338
11/04/2022	2	668	668	325
11/04/2022	3	668	668	312
11/04/2022	4	668	668	306
11/04/2022	5	668	668	308
11/04/2022	6	668	668	309
11/04/2022	7	668	668	315
11/04/2022	8	668	668	350
11/04/2022	9	668	668	380
11/04/2022	10	668	668	405
11/04/2022	11	668	668	413
11/04/2022	12	668	668	409
11/04/2022	13	668	668	408
11/04/2022	14	668	668	418
11/04/2022	15	668	668	418
11/04/2022	16	668	668	404
11/04/2022	17	668	668	391
11/04/2022	18	668	668	395
11/04/2022	19	668	668	392
11/04/2022	20	668	668	389
11/04/2022	21	668	668	385
11/04/2022	22	668	668	373
11/04/2022	23	668	668	362
11/04/2022	24	668	668	343
11/05/2022	1	668	668	327
11/05/2022	2	668	668	319
11/05/2022	3	668	668	313
11/05/2022	4	668	668	305
11/05/2022	5	668	668	302
11/05/2022	6	668	668	301
11/05/2022	7	668	668	302
11/05/2022	8	668	668	324
11/05/2022	9	668	668	348
11/05/2022	10	668	668	372
11/05/2022	11	668	668	385
11/05/2022	12	668	668	380
11/05/2022	13	668	668	383

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/05/2022	14	668	668	399
11/05/2022	15	668	668	397
11/05/2022	16	668	668	386
11/05/2022	17	668	668	374
11/05/2022	18	668	668	388
11/05/2022	19	668	668	384
11/05/2022	20	668	668	382
11/05/2022	21	668	668	380
11/05/2022	22	668	668	370
11/05/2022	23	668	668	359
11/05/2022	24	668	668	336
11/06/2022	1	500	500	267
11/06/2022	2	500	500	258
11/06/2022	3	500	500	247
11/06/2022	4	500	500	244
11/06/2022	5	550	550	252
11/06/2022	6	550	550	258
11/06/2022	7	550	550	262
11/06/2022	8	600	600	295
11/06/2022	9	600	600	322
11/06/2022	10	650	650	345
11/06/2022	11	668	668	354
11/06/2022	12	668	668	351
11/06/2022	13	668	668	353
11/06/2022	14	668	668	367
11/06/2022	15	668	668	366
11/06/2022	16	668	668	360
11/06/2022	17	668	668	341
11/06/2022	18	668	668	347
11/06/2022	19	668	668	342
11/06/2022	20	600	600	340
11/06/2022	21	600	600	334
11/06/2022	22	600	600	324
11/06/2022	23	600	600	312
11/06/2022	24	556	556	299
11/07/2022	1	480	480	302
11/07/2022	2	480	480	292
11/07/2022	3	480	480	284
11/07/2022	4	480	480	279
11/07/2022	5	480	480	286
11/07/2022	6	480	480	289
11/07/2022	7	480	480	297
11/07/2022	8	580	580	328
11/07/2022	9	668	668	361
11/07/2022	10	668	668	386
11/07/2022	11	668	668	399
11/07/2022	12	668	668	387
11/07/2022	13	668	668	389
11/07/2022	14	668	668	407
11/07/2022	15	668	668	402
11/07/2022	16	668	668	395
11/07/2022	17	668	668	379
11/07/2022	18	668	668	385
11/07/2022	19	668	668	375
11/07/2022	20	668	668	371
11/07/2022	21	668	668	363
11/07/2022	22	668	668	351
11/07/2022	23	668	668	336
11/07/2022	24	668	668	322
11/08/2022	1	580	580	331
11/08/2022	2	480	480	319
11/08/2022	3	480	480	310
11/08/2022	4	480	480	305
11/08/2022	5	480	480	312
11/08/2022	6	480	480	315

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/08/2022	7	480	480	317
11/08/2022	8	580	580	355
11/08/2022	9	668	668	385
11/08/2022	10	668	668	412
11/08/2022	11	668	668	421
11/08/2022	12	668	668	409
11/08/2022	13	668	668	411
11/08/2022	14	668	668	424
11/08/2022	15	668	668	422
11/08/2022	16	668	668	413
11/08/2022	17	668	668	397
11/08/2022	18	668	668	388
11/08/2022	19	668	668	405
11/08/2022	20	668	668	397
11/08/2022	21	668	668	395
11/08/2022	22	668	668	376
11/08/2022	23	668	668	362
11/08/2022	24	668	668	348
11/09/2022	1	668	668	332
11/09/2022	2	668	668	320
11/09/2022	3	668	668	312
11/09/2022	4	668	668	307
11/09/2022	5	668	668	313
11/09/2022	6	668	668	317
11/09/2022	7	668	668	319
11/09/2022	8	668	668	357
11/09/2022	9	668	668	387
11/09/2022	10	668	668	414
11/09/2022	11	668	668	424
11/09/2022	12	668	668	411
11/09/2022	13	668	668	413
11/09/2022	14	668	668	426
11/09/2022	15	668	668	424
11/09/2022	16	668	668	416
11/09/2022	17	668	668	400
11/09/2022	18	668	668	407
11/09/2022	19	668	668	399
11/09/2022	20	668	668	398
11/09/2022	21	668	668	391
11/09/2022	22	668	668	378
11/09/2022	23	668	668	364
11/09/2022	24	668	668	338
11/10/2022	1	668	668	328
11/10/2022	2	668	668	317
11/10/2022	3	668	668	309
11/10/2022	4	668	668	304
11/10/2022	5	668	668	310
11/10/2022	6	668	668	312
11/10/2022	7	668	668	313
11/10/2022	8	668	668	353
11/10/2022	9	668	668	383
11/10/2022	10	668	668	409
11/10/2022	11	668	668	414
11/10/2022	12	668	668	406
11/10/2022	13	668	668	408
11/10/2022	14	668	668	416
11/10/2022	15	668	668	414
11/10/2022	16	668	668	407
11/10/2022	17	668	668	392
11/10/2022	18	668	668	399
11/10/2022	19	668	668	391
11/10/2022	20	668	668	389
11/10/2022	21	668	668	375
11/10/2022	22	668	668	363
11/10/2022	23	668	668	349

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/10/2022	24	668	668	329
11/11/2022	1	668	668	340
11/11/2022	2	668	668	328
11/11/2022	3	668	668	320
11/11/2022	4	668	668	315
11/11/2022	5	668	668	309
11/11/2022	6	668	668	313
11/11/2022	7	668	668	314
11/11/2022	8	668	668	354
11/11/2022	9	668	668	387
11/11/2022	10	668	668	413
11/11/2022	11	668	668	423
11/11/2022	12	668	668	411
11/11/2022	13	668	668	413
11/11/2022	14	668	668	424
11/11/2022	15	668	668	422
11/11/2022	16	668	668	413
11/11/2022	17	668	668	397
11/11/2022	18	668	668	405
11/11/2022	19	668	668	396
11/11/2022	20	668	668	395
11/11/2022	21	668	668	388
11/11/2022	22	668	668	367
11/11/2022	23	668	668	353
11/11/2022	24	668	668	333
11/12/2022	1	500	500	332
11/12/2022	2	550	550	323
11/12/2022	3	550	550	317
11/12/2022	4	556	556	312
11/12/2022	5	556	556	310
11/12/2022	6	600	600	308
11/12/2022	7	600	600	312
11/12/2022	8	668	668	332
11/12/2022	9	668	668	357
11/12/2022	10	668	668	382
11/12/2022	11	668	668	393
11/12/2022	12	668	668	388
11/12/2022	13	668	668	388
11/12/2022	14	668	668	400
11/12/2022	15	668	668	396
11/12/2022	16	668	668	387
11/12/2022	17	668	668	377
11/12/2022	18	668	668	389
11/12/2022	19	668	668	385
11/12/2022	20	668	668	384
11/12/2022	21	668	668	383
11/12/2022	22	668	668	374
11/12/2022	23	556	556	364
11/12/2022	24	510	510	355
11/13/2022	1	500	500	271
11/13/2022	2	500	500	262
11/13/2022	3	500	500	251
11/13/2022	4	500	500	248
11/13/2022	5	550	550	255
11/13/2022	6	550	550	262
11/13/2022	7	550	550	266
11/13/2022	8	600	600	300
11/13/2022	9	600	600	327
11/13/2022	10	650	650	350
11/13/2022	11	668	668	359
11/13/2022	12	668	668	356
11/13/2022	13	668	668	359
11/13/2022	14	668	668	372
11/13/2022	15	668	668	371
11/13/2022	16	668	668	365

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/13/2022	17	668	668	347
11/13/2022	18	668	668	352
11/13/2022	19	668	668	347
11/13/2022	20	668	668	345
11/13/2022	21	668	668	339
11/13/2022	22	600	600	329
11/13/2022	23	556	556	317
11/13/2022	24	510	510	303
11/14/2022	1	668	668	297
11/14/2022	2	668	668	285
11/14/2022	3	668	668	280
11/14/2022	4	668	668	278
11/14/2022	5	668	668	286
11/14/2022	6	668	668	296
11/14/2022	7	668	668	301
11/14/2022	8	668	668	337
11/14/2022	9	668	668	374
11/14/2022	10	668	668	399
11/14/2022	11	668	668	412
11/14/2022	12	668	668	405
11/14/2022	13	668	668	408
11/14/2022	14	668	668	418
11/14/2022	15	668	668	418
11/14/2022	16	668	668	415
11/14/2022	17	668	668	401
11/14/2022	18	668	668	412
11/14/2022	19	668	668	399
11/14/2022	20	668	668	394
11/14/2022	21	668	668	386
11/14/2022	22	668	668	374
11/14/2022	23	668	668	359
11/14/2022	24	668	668	344
11/15/2022	1	668	668	314
11/15/2022	2	668	668	305
11/15/2022	3	668	668	295
11/15/2022	4	668	668	293
11/15/2022	5	668	668	301
11/15/2022	6	668	668	306
11/15/2022	7	668	668	310
11/15/2022	8	668	668	342
11/15/2022	9	668	668	373
11/15/2022	10	668	668	399
11/15/2022	11	668	668	413
11/15/2022	12	668	668	405
11/15/2022	13	668	668	407
11/15/2022	14	668	668	427
11/15/2022	15	668	668	429
11/15/2022	16	668	668	423
11/15/2022	17	668	668	403
11/15/2022	18	668	668	415
11/15/2022	19	668	668	402
11/15/2022	20	668	668	399
11/15/2022	21	668	668	391
11/15/2022	22	668	668	379
11/15/2022	23	668	668	361
11/15/2022	24	668	668	348
11/16/2022	1	668	668	332
11/16/2022	2	668	668	321
11/16/2022	3	668	668	308
11/16/2022	4	668	668	305
11/16/2022	5	668	668	312
11/16/2022	6	668	668	315
11/16/2022	7	668	668	319
11/16/2022	8	668	668	348
11/16/2022	9	668	668	379

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/16/2022	10	668	668	404
11/16/2022	11	668	668	415
11/16/2022	12	668	668	403
11/16/2022	13	668	668	401
11/16/2022	14	668	668	416
11/16/2022	15	668	668	412
11/16/2022	16	668	668	399
11/16/2022	17	668	668	393
11/16/2022	18	668	668	394
11/16/2022	19	668	668	385
11/16/2022	20	668	668	380
11/16/2022	21	668	668	375
11/16/2022	22	668	668	362
11/16/2022	23	668	668	347
11/16/2022	24	668	668	343
11/17/2022	1	668	668	329
11/17/2022	2	668	668	319
11/17/2022	3	668	668	310
11/17/2022	4	668	668	306
11/17/2022	5	668	668	312
11/17/2022	6	668	668	318
11/17/2022	7	668	668	319
11/17/2022	8	668	668	353
11/17/2022	9	668	668	387
11/17/2022	10	668	668	410
11/17/2022	11	668	668	421
11/17/2022	12	668	668	414
11/17/2022	13	668	668	418
11/17/2022	14	668	668	430
11/17/2022	15	668	668	428
11/17/2022	16	668	668	421
11/17/2022	17	668	668	405
11/17/2022	18	668	668	414
11/17/2022	19	668	668	405
11/17/2022	20	668	668	400
11/17/2022	21	668	668	394
11/17/2022	22	668	668	383
11/17/2022	23	668	668	368
11/17/2022	24	668	668	342
11/18/2022	1	668	668	333
11/18/2022	2	668	668	321
11/18/2022	3	668	668	313
11/18/2022	4	668	668	310
11/18/2022	5	668	668	314
11/18/2022	6	668	668	320
11/18/2022	7	668	668	321
11/18/2022	8	668	668	349
11/18/2022	9	668	668	383
11/18/2022	10	668	668	402
11/18/2022	11	668	668	412
11/18/2022	12	668	668	407
11/18/2022	13	668	668	411
11/18/2022	14	668	668	421
11/18/2022	15	668	668	417
11/18/2022	16	668	668	412
11/18/2022	17	668	668	397
11/18/2022	18	668	668	398
11/18/2022	19	668	668	394
11/18/2022	20	668	668	392
11/18/2022	21	668	668	386
11/18/2022	22	668	668	364
11/18/2022	23	668	668	352
11/18/2022	24	668	668	340
11/19/2022	1	668	668	335
11/19/2022	2	668	668	323

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/19/2022	3	668	668	314
11/19/2022	4	668	668	307
11/19/2022	5	668	668	306
11/19/2022	6	668	668	302
11/19/2022	7	668	668	304
11/19/2022	8	668	668	330
11/19/2022	9	668	668	354
11/19/2022	10	668	668	372
11/19/2022	11	668	668	381
11/19/2022	12	668	668	374
11/19/2022	13	668	668	369
11/19/2022	14	668	668	375
11/19/2022	15	668	668	376
11/19/2022	16	668	668	367
11/19/2022	17	668	668	360
11/19/2022	18	668	668	374
11/19/2022	19	668	668	377
11/19/2022	20	668	668	373
11/19/2022	21	668	668	368
11/19/2022	22	668	668	355
11/19/2022	23	668	668	341
11/19/2022	24	668	668	337
11/20/2022	1	550	550	267
11/20/2022	2	550	550	259
11/20/2022	3	550	550	251
11/20/2022	4	550	550	247
11/20/2022	5	550	550	253
11/20/2022	6	550	550	256
11/20/2022	7	600	600	263
11/20/2022	8	600	600	290
11/20/2022	9	650	650	320
11/20/2022	10	650	650	343
11/20/2022	11	668	668	354
11/20/2022	12	668	668	343
11/20/2022	13	668	668	345
11/20/2022	14	668	668	360
11/20/2022	15	668	668	357
11/20/2022	16	668	668	350
11/20/2022	17	668	668	336
11/20/2022	18	668	668	341
11/20/2022	19	668	668	333
11/20/2022	20	668	668	329
11/20/2022	21	668	668	322
11/20/2022	22	600	600	311
11/20/2022	23	510	500	298
11/20/2022	24	500	500	285
11/21/2022	1	668	668	297
11/21/2022	2	668	668	288
11/21/2022	3	668	668	279
11/21/2022	4	668	668	274
11/21/2022	5	668	668	285
11/21/2022	6	668	668	294
11/21/2022	7	668	668	300
11/21/2022	8	668	668	335
11/21/2022	9	668	668	371
11/21/2022	10	668	668	395
11/21/2022	11	668	668	409
11/21/2022	12	668	668	404
11/21/2022	13	668	668	408
11/21/2022	14	668	668	423
11/21/2022	15	668	668	423
11/21/2022	16	668	668	414
11/21/2022	17	668	668	397
11/21/2022	18	668	668	404
11/21/2022	19	668	668	391

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/21/2022	20	668	668	385
11/21/2022	21	668	668	383
11/21/2022	22	668	668	371
11/21/2022	23	668	668	357
11/21/2022	24	668	668	339
11/22/2022	1	668	668	318
11/22/2022	2	668	668	304
11/22/2022	3	668	668	295
11/22/2022	4	668	668	291
11/22/2022	5	668	668	297
11/22/2022	6	668	668	302
11/22/2022	7	668	668	303
11/22/2022	8	668	668	331
11/22/2022	9	668	668	364
11/22/2022	10	668	668	388
11/22/2022	11	668	668	398
11/22/2022	12	668	668	383
11/22/2022	13	668	668	389
11/22/2022	14	668	668	400
11/22/2022	15	668	668	404
11/22/2022	16	668	668	396
11/22/2022	17	668	668	379
11/22/2022	18	668	668	389
11/22/2022	19	668	668	380
11/22/2022	20	668	668	371
11/22/2022	21	668	668	363
11/22/2022	22	668	668	349
11/22/2022	23	668	668	342
11/22/2022	24	668	668	333
11/23/2022	1	668	668	334
11/23/2022	2	668	668	320
11/23/2022	3	668	668	308
11/23/2022	4	668	668	305
11/23/2022	5	668	668	311
11/23/2022	6	668	668	317
11/23/2022	7	668	668	315
11/23/2022	8	668	668	353
11/23/2022	9	668	668	388
11/23/2022	10	668	668	412
11/23/2022	11	668	668	425
11/23/2022	12	668	668	415
11/23/2022	13	668	668	419
11/23/2022	14	668	668	417
11/23/2022	15	668	668	416
11/23/2022	16	668	668	414
11/23/2022	17	668	668	398
11/23/2022	18	668	668	403
11/23/2022	19	668	668	393
11/23/2022	20	668	668	389
11/23/2022	21	668	668	384
11/23/2022	22	668	668	371
11/23/2022	23	668	668	352
11/23/2022	24	668	668	336
11/24/2022	1	668	668	331
11/24/2022	2	668	668	315
11/24/2022	3	668	668	308
11/24/2022	4	668	668	305
11/24/2022	5	668	668	316
11/24/2022	6	668	668	317
11/24/2022	7	668	668	320
11/24/2022	8	668	668	353
11/24/2022	9	668	668	389
11/24/2022	10	668	668	413
11/24/2022	11	668	668	426
11/24/2022	12	668	668	411

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/24/2022	13	668	668	414
11/24/2022	14	668	668	418
11/24/2022	15	668	668	424
11/24/2022	16	668	668	416
11/24/2022	17	668	668	400
11/24/2022	18	668	668	411
11/24/2022	19	668	668	402
11/24/2022	20	668	668	390
11/24/2022	21	668	668	384
11/24/2022	22	668	668	372
11/24/2022	23	668	668	353
11/24/2022	24	668	668	340
11/25/2022	1	668	668	339
11/25/2022	2	668	668	328
11/25/2022	3	668	668	318
11/25/2022	4	668	668	315
11/25/2022	5	668	668	323
11/25/2022	6	668	668	322
11/25/2022	7	668	668	329
11/25/2022	8	668	668	359
11/25/2022	9	668	668	390
11/25/2022	10	668	668	415
11/25/2022	11	668	668	422
11/25/2022	12	668	668	416
11/25/2022	13	668	668	415
11/25/2022	14	668	668	417
11/25/2022	15	668	668	416
11/25/2022	16	668	668	410
11/25/2022	17	668	668	395
11/25/2022	18	668	668	407
11/25/2022	19	668	668	396
11/25/2022	20	668	668	395
11/25/2022	21	668	668	389
11/25/2022	22	668	668	375
11/25/2022	23	668	668	363
11/25/2022	24	668	668	348
11/26/2022	1	668	668	332
11/26/2022	2	668	668	320
11/26/2022	3	668	668	312
11/26/2022	4	668	668	305
11/26/2022	5	668	668	305
11/26/2022	6	668	668	304
11/26/2022	7	668	668	308
11/26/2022	8	668	668	331
11/26/2022	9	668	668	357
11/26/2022	10	668	668	378
11/26/2022	11	668	668	389
11/26/2022	12	668	668	382
11/26/2022	13	668	668	380
11/26/2022	14	668	668	373
11/26/2022	15	668	668	369
11/26/2022	16	668	668	366
11/26/2022	17	668	668	361
11/26/2022	18	668	668	374
11/26/2022	19	668	668	368
11/26/2022	20	668	668	370
11/26/2022	21	668	668	363
11/26/2022	22	600	600	345
11/26/2022	23	550	550	333
11/26/2022	24	500	500	322
11/27/2022	1	668	668	303
11/27/2022	2	668	668	294
11/27/2022	3	668	668	287
11/27/2022	4	668	668	284
11/27/2022	5	668	668	280

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/27/2022	6	668	668	279
11/27/2022	7	668	668	280
11/27/2022	8	668	668	294
11/27/2022	9	668	668	313
11/27/2022	10	668	668	330
11/27/2022	11	668	668	342
11/27/2022	12	668	668	340
11/27/2022	13	668	668	340
11/27/2022	14	668	668	342
11/27/2022	15	668	668	341
11/27/2022	16	668	668	334
11/27/2022	17	668	668	334
11/27/2022	18	668	668	361
11/27/2022	19	668	668	358
11/27/2022	20	668	668	357
11/27/2022	21	668	668	353
11/27/2022	22	668	668	343
11/27/2022	23	668	668	330
11/27/2022	24	668	668	315
11/28/2022	1	600	600	316
11/28/2022	2	600	600	306
11/28/2022	3	600	600	298
11/28/2022	4	600	600	292
11/28/2022	5	650	650	299
11/28/2022	6	668	668	303
11/28/2022	7	668	668	312
11/28/2022	8	668	668	343
11/28/2022	9	668	668	379
11/28/2022	10	668	668	405
11/28/2022	11	668	668	419
11/28/2022	12	668	668	406
11/28/2022	13	668	668	408
11/28/2022	14	668	668	426
11/28/2022	15	668	668	422
11/28/2022	16	668	668	414
11/28/2022	17	668	668	397
11/28/2022	18	668	668	404
11/28/2022	19	668	668	394
11/28/2022	20	668	668	389
11/28/2022	21	668	668	381
11/28/2022	22	668	668	368
11/28/2022	23	668	668	353
11/28/2022	24	668	668	337
11/29/2022	1	668	668	328
11/29/2022	2	668	668	318
11/29/2022	3	668	668	309
11/29/2022	4	668	668	307
11/29/2022	5	668	668	312
11/29/2022	6	668	668	318
11/29/2022	7	668	668	320
11/29/2022	8	668	668	350
11/29/2022	9	668	668	375
11/29/2022	10	668	668	399
11/29/2022	11	668	668	415
11/29/2022	12	668	668	408
11/29/2022	13	668	668	409
11/29/2022	14	668	668	411
11/29/2022	15	668	668	411
11/29/2022	16	668	668	407
11/29/2022	17	668	668	392
11/29/2022	18	668	668	401
11/29/2022	19	668	668	390
11/29/2022	20	668	668	386
11/29/2022	21	668	668	378
11/29/2022	22	668	668	365

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
11/29/2022	23	668	668	348
11/29/2022	24	668	668	331
11/30/2022	1	668	668	330
11/30/2022	2	668	668	317
11/30/2022	3	668	668	307
11/30/2022	4	668	668	302
11/30/2022	5	668	668	300
11/30/2022	6	668	668	292
11/30/2022	7	668	668	297
11/30/2022	8	668	668	319
11/30/2022	9	668	668	343
11/30/2022	10	668	668	367
11/30/2022	11	668	668	382
11/30/2022	12	668	668	379
11/30/2022	13	668	668	381
11/30/2022	14	668	668	381
11/30/2022	15	668	668	387
11/30/2022	16	668	668	379
11/30/2022	17	668	668	369
11/30/2022	18	668	668	380
11/30/2022	19	668	668	372
11/30/2022	20	668	668	371
11/30/2022	21	668	668	365
11/30/2022	22	668	668	354
11/30/2022	23	668	668	341
11/30/2022	24	668	668	332
12/01/2022	1	668	668	320
12/01/2022	2	668	668	309
12/01/2022	3	668	668	300
12/01/2022	4	668	668	297
12/01/2022	5	668	668	305
12/01/2022	6	668	668	311
12/01/2022	7	668	668	313
12/01/2022	8	668	668	342
12/01/2022	9	668	668	374
12/01/2022	10	668	668	395
12/01/2022	11	668	668	412
12/01/2022	12	668	668	403
12/01/2022	13	668	668	405
12/01/2022	14	668	668	421
12/01/2022	15	668	668	421
12/01/2022	16	668	668	415
12/01/2022	17	668	668	394
12/01/2022	18	668	668	405
12/01/2022	19	668	668	391
12/01/2022	20	668	668	387
12/01/2022	21	668	668	381
12/01/2022	22	668	668	369
12/01/2022	23	668	668	354
12/01/2022	24	668	668	340
12/02/2022	1	668	668	338
12/02/2022	2	668	668	327
12/02/2022	3	668	668	316
12/02/2022	4	668	668	313
12/02/2022	5	668	668	319
12/02/2022	6	668	668	321
12/02/2022	7	668	668	325
12/02/2022	8	668	668	353
12/02/2022	9	668	668	380
12/02/2022	10	668	668	399
12/02/2022	11	668	668	412
12/02/2022	12	668	668	403
12/02/2022	13	668	668	408
12/02/2022	14	668	668	411
12/02/2022	15	668	668	411

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/02/2022	16	668	668	404
12/02/2022	17	668	668	387
12/02/2022	18	668	668	397
12/02/2022	19	668	668	384
12/02/2022	20	668	668	379
12/02/2022	21	668	668	371
12/02/2022	22	668	668	359
12/02/2022	23	668	668	344
12/02/2022	24	668	668	331
12/03/2022	1	668	668	332
12/03/2022	2	668	668	315
12/03/2022	3	668	668	305
12/03/2022	4	668	668	299
12/03/2022	5	668	668	297
12/03/2022	6	668	668	294
12/03/2022	7	668	668	294
12/03/2022	8	668	668	315
12/03/2022	9	668	668	325
12/03/2022	10	668	668	361
12/03/2022	11	668	668	383
12/03/2022	12	668	668	375
12/03/2022	13	668	668	377
12/03/2022	14	668	668	383
12/03/2022	15	668	668	381
12/03/2022	16	668	668	380
12/03/2022	17	668	668	365
12/03/2022	18	668	668	382
12/03/2022	19	668	668	374
12/03/2022	20	668	668	378
12/03/2022	21	668	668	373
12/03/2022	22	668	668	356
12/03/2022	23	668	668	335
12/03/2022	24	668	668	328
12/04/2022	1	668	668	328
12/04/2022	2	668	668	314
12/04/2022	3	668	668	304
12/04/2022	4	668	668	296
12/04/2022	5	668	668	291
12/04/2022	6	668	668	286
12/04/2022	7	668	668	282
12/04/2022	8	668	668	296
12/04/2022	9	668	668	310
12/04/2022	10	668	668	331
12/04/2022	11	668	668	343
12/04/2022	12	668	668	342
12/04/2022	13	668	668	345
12/04/2022	14	668	668	350
12/04/2022	15	668	668	348
12/04/2022	16	668	668	344
12/04/2022	17	668	668	340
12/04/2022	18	668	668	362
12/04/2022	19	668	668	362
12/04/2022	20	668	668	363
12/04/2022	21	668	668	361
12/04/2022	22	668	668	350
12/04/2022	23	668	668	333
12/04/2022	24	668	668	318
12/05/2022	1	600	600	304
12/05/2022	2	600	600	294
12/05/2022	3	600	600	286
12/05/2022	4	650	650	281
12/05/2022	5	650	650	288
12/05/2022	6	668	668	291
12/05/2022	7	668	668	300
12/05/2022	8	668	668	330

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/05/2022	9	668	668	364
12/05/2022	10	668	668	390
12/05/2022	11	668	668	402
12/05/2022	12	668	668	390
12/05/2022	13	668	668	392
12/05/2022	14	668	668	410
12/05/2022	15	668	668	400
12/05/2022	16	668	668	398
12/05/2022	17	668	668	382
12/05/2022	18	668	668	388
12/05/2022	19	668	668	378
12/05/2022	20	668	668	374
12/05/2022	21	668	668	366
12/05/2022	22	668	668	354
12/05/2022	23	668	668	339
12/05/2022	24	668	668	324
12/06/2022	1	600	445	322
12/06/2022	2	600	445	316
12/06/2022	3	600	445	306
12/06/2022	4	650	445	303
12/06/2022	5	650	445	310
12/06/2022	6	668	445	313
12/06/2022	7	668	445	313
12/06/2022	8	668	445	343
12/06/2022	9	668	460	374
12/06/2022	10	668	460	400
12/06/2022	11	668	460	413
12/06/2022	12	668	460	409
12/06/2022	13	668	460	411
12/06/2022	14	668	460	425
12/06/2022	15	668	460	415
12/06/2022	16	668	460	409
12/06/2022	17	668	460	393
12/06/2022	18	668	460	402
12/06/2022	19	668	460	389
12/06/2022	20	668	460	386
12/06/2022	21	668	460	379
12/06/2022	22	668	460	368
12/06/2022	23	668	460	354
12/06/2022	24	668	460	335
12/07/2022	1	668	600	330
12/07/2022	2	668	600	314
12/07/2022	3	668	600	306
12/07/2022	4	668	600	303
12/07/2022	5	668	600	308
12/07/2022	6	668	600	316
12/07/2022	7	668	600	319
12/07/2022	8	668	600	351
12/07/2022	9	668	600	384
12/07/2022	10	668	600	401
12/07/2022	11	668	600	415
12/07/2022	12	668	600	407
12/07/2022	13	668	600	407
12/07/2022	14	668	600	416
12/07/2022	15	668	600	420
12/07/2022	16	668	600	413
12/07/2022	17	668	600	398
12/07/2022	18	668	600	400
12/07/2022	19	668	600	392
12/07/2022	20	668	600	386
12/07/2022	21	668	600	389
12/07/2022	22	668	600	375
12/07/2022	23	668	600	359
12/07/2022	24	668	600	353
12/08/2022	1	668	584	334

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/08/2022	2	668	584	323
12/08/2022	3	668	584	314
12/08/2022	4	668	584	306
12/08/2022	5	668	584	300
12/08/2022	6	668	600	297
12/08/2022	7	668	600	298
12/08/2022	8	668	600	311
12/08/2022	9	668	600	334
12/08/2022	10	668	600	359
12/08/2022	11	668	600	372
12/08/2022	12	668	600	364
12/08/2022	13	668	600	367
12/08/2022	14	668	600	377
12/08/2022	15	668	600	374
12/08/2022	16	668	600	367
12/08/2022	17	668	600	361
12/08/2022	18	668	600	386
12/08/2022	19	668	600	383
12/08/2022	20	668	600	382
12/08/2022	21	668	600	379
12/08/2022	22	668	600	369
12/08/2022	23	668	584	354
12/08/2022	24	668	584	335
12/09/2022	1	600	556	302
12/09/2022	2	600	556	293
12/09/2022	3	600	556	284
12/09/2022	4	668	556	279
12/09/2022	5	668	556	286
12/09/2022	6	668	556	290
12/09/2022	7	668	556	298
12/09/2022	8	668	556	328
12/09/2022	9	668	600	362
12/09/2022	10	668	600	387
12/09/2022	11	668	600	400
12/09/2022	12	668	600	388
12/09/2022	13	668	600	390
12/09/2022	14	668	600	408
12/09/2022	15	668	600	403
12/09/2022	16	668	600	396
12/09/2022	17	668	600	380
12/09/2022	18	668	600	386
12/09/2022	19	668	600	376
12/09/2022	20	668	600	372
12/09/2022	21	668	600	364
12/09/2022	22	668	600	352
12/09/2022	23	668	600	337
12/09/2022	24	668	600	322
12/10/2022	1	668	510	314
12/10/2022	2	668	510	303
12/10/2022	3	668	510	293
12/10/2022	4	668	510	293
12/10/2022	5	668	510	290
12/10/2022	6	668	510	285
12/10/2022	7	668	547	289
12/10/2022	8	668	600	308
12/10/2022	9	668	600	333
12/10/2022	10	668	600	355
12/10/2022	11	668	600	365
12/10/2022	12	668	600	359
12/10/2022	13	668	600	358
12/10/2022	14	668	600	370
12/10/2022	15	668	600	369
12/10/2022	16	668	600	360
12/10/2022	17	668	600	349
12/10/2022	18	668	600	369

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/10/2022	19	668	600	362
12/10/2022	20	668	600	359
12/10/2022	21	668	600	357
12/10/2022	22	668	600	349
12/10/2022	23	668	600	336
12/10/2022	24	668	600	332
12/11/2022	1	668	600	257
12/11/2022	2	668	600	249
12/11/2022	3	668	600	242
12/11/2022	4	668	600	237
12/11/2022	5	668	600	243
12/11/2022	6	668	600	246
12/11/2022	7	668	600	253
12/11/2022	8	668	600	279
12/11/2022	9	668	600	308
12/11/2022	10	668	600	329
12/11/2022	11	668	600	340
12/11/2022	12	668	600	330
12/11/2022	13	668	600	331
12/11/2022	14	668	600	346
12/11/2022	15	668	600	343
12/11/2022	16	668	600	336
12/11/2022	17	668	600	323
12/11/2022	18	668	600	328
12/11/2022	19	668	600	320
12/11/2022	20	668	600	316
12/11/2022	21	668	600	310
12/11/2022	22	668	600	299
12/11/2022	23	668	600	286
12/11/2022	24	668	600	274
12/12/2022	1	668	510	307
12/12/2022	2	668	510	296
12/12/2022	3	668	510	288
12/12/2022	4	668	510	286
12/12/2022	5	668	600	296
12/12/2022	6	668	600	306
12/12/2022	7	668	600	311
12/12/2022	8	668	600	341
12/12/2022	9	668	600	370
12/12/2022	10	668	600	392
12/12/2022	11	668	600	406
12/12/2022	12	668	600	395
12/12/2022	13	668	600	399
12/12/2022	14	668	600	409
12/12/2022	15	668	600	406
12/12/2022	16	668	600	401
12/12/2022	17	668	600	386
12/12/2022	18	668	600	399
12/12/2022	19	668	600	388
12/12/2022	20	668	600	382
12/12/2022	21	668	600	377
12/12/2022	22	668	600	364
12/12/2022	23	668	600	347
12/12/2022	24	668	600	331
12/13/2022	1	668	600	318
12/13/2022	2	668	600	308
12/13/2022	3	668	600	300
12/13/2022	4	668	600	298
12/13/2022	5	668	600	306
12/13/2022	6	668	600	313
12/13/2022	7	668	600	313
12/13/2022	8	668	600	344
12/13/2022	9	668	600	374
12/13/2022	10	668	600	397
12/13/2022	11	668	600	412

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/13/2022	12	668	600	403
12/13/2022	13	668	600	405
12/13/2022	14	668	600	406
12/13/2022	15	668	600	403
12/13/2022	16	668	600	398
12/13/2022	17	668	600	386
12/13/2022	18	668	600	392
12/13/2022	19	668	600	380
12/13/2022	20	668	600	376
12/13/2022	21	668	600	372
12/13/2022	22	668	600	359
12/13/2022	23	668	600	345
12/13/2022	24	668	600	325
12/14/2022	1	668	600	324
12/14/2022	2	668	600	314
12/14/2022	3	668	600	307
12/14/2022	4	668	600	304
12/14/2022	5	668	600	312
12/14/2022	6	668	600	320
12/14/2022	7	668	600	319
12/14/2022	8	668	600	351
12/14/2022	9	668	600	382
12/14/2022	10	668	600	404
12/14/2022	11	668	600	413
12/14/2022	12	668	600	403
12/14/2022	13	668	600	407
12/14/2022	14	668	600	404
12/14/2022	15	668	600	401
12/14/2022	16	668	600	397
12/14/2022	17	668	600	389
12/14/2022	18	668	600	395
12/14/2022	19	668	600	384
12/14/2022	20	668	600	379
12/14/2022	21	668	600	374
12/14/2022	22	668	600	361
12/14/2022	23	668	600	343
12/14/2022	24	668	600	325
12/15/2022	1	668	600	321
12/15/2022	2	668	600	313
12/15/2022	3	668	600	305
12/15/2022	4	668	600	302
12/15/2022	5	668	600	308
12/15/2022	6	668	600	310
12/15/2022	7	668	600	316
12/15/2022	8	668	600	347
12/15/2022	9	668	600	378
12/15/2022	10	668	600	400
12/15/2022	11	668	600	414
12/15/2022	12	668	600	405
12/15/2022	13	668	600	408
12/15/2022	14	668	600	409
12/15/2022	15	668	600	409
12/15/2022	16	668	600	403
12/15/2022	17	668	600	393
12/15/2022	18	668	600	395
12/15/2022	19	668	600	383
12/15/2022	20	668	600	377
12/15/2022	21	668	600	370
12/15/2022	22	668	600	358
12/15/2022	23	668	600	343
12/15/2022	24	668	600	335
12/16/2022	1	668	600	320
12/16/2022	2	668	590	309
12/16/2022	3	668	590	306
12/16/2022	4	668	590	303

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/16/2022	5	668	590	311
12/16/2022	6	668	590	314
12/16/2022	7	668	600	318
12/16/2022	8	668	600	350
12/16/2022	9	668	600	381
12/16/2022	10	668	600	404
12/16/2022	11	668	600	420
12/16/2022	12	668	600	404
12/16/2022	13	668	600	412
12/16/2022	14	668	600	419
12/16/2022	15	668	600	416
12/16/2022	16	668	600	411
12/16/2022	17	668	600	393
12/16/2022	18	668	600	399
12/16/2022	19	668	600	387
12/16/2022	20	668	600	383
12/16/2022	21	668	600	378
12/16/2022	22	668	600	365
12/16/2022	23	668	600	352
12/16/2022	24	668	600	336
12/17/2022	1	668	588	330
12/17/2022	2	668	588	322
12/17/2022	3	668	588	312
12/17/2022	4	668	588	307
12/17/2022	5	668	588	304
12/17/2022	6	668	588	304
12/17/2022	7	668	588	308
12/17/2022	8	668	588	323
12/17/2022	9	668	600	355
12/17/2022	10	668	600	370
12/17/2022	11	668	600	386
12/17/2022	12	668	600	375
12/17/2022	13	668	600	379
12/17/2022	14	668	600	380
12/17/2022	15	668	600	379
12/17/2022	16	668	600	369
12/17/2022	17	668	600	368
12/17/2022	18	668	600	378
12/17/2022	19	668	600	371
12/17/2022	20	668	600	368
12/17/2022	21	668	600	366
12/17/2022	22	668	600	358
12/17/2022	23	668	588	344
12/17/2022	24	668	588	332
12/18/2022	1	668	588	276
12/18/2022	2	668	588	269
12/18/2022	3	668	588	263
12/18/2022	4	668	588	256
12/18/2022	5	668	588	254
12/18/2022	6	668	588	253
12/18/2022	7	668	588	251
12/18/2022	8	668	588	262
12/18/2022	9	668	600	274
12/18/2022	10	668	600	287
12/18/2022	11	668	600	295
12/18/2022	12	668	600	291
12/18/2022	13	668	600	292
12/18/2022	14	668	600	297
12/18/2022	15	668	600	298
12/18/2022	16	668	600	294
12/18/2022	17	668	600	295
12/18/2022	18	668	600	321
12/18/2022	19	668	600	320
12/18/2022	20	668	600	318
12/18/2022	21	668	600	312

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/18/2022	22	668	600	305
12/18/2022	23	668	600	291
12/18/2022	24	668	600	278
12/19/2022	1	668	550	300
12/19/2022	2	668	600	290
12/19/2022	3	668	600	282
12/19/2022	4	668	600	277
12/19/2022	5	668	600	284
12/19/2022	6	668	600	287
12/19/2022	7	668	600	295
12/19/2022	8	668	600	325
12/19/2022	9	668	600	359
12/19/2022	10	668	600	384
12/19/2022	11	668	600	397
12/19/2022	12	668	600	385
12/19/2022	13	668	600	386
12/19/2022	14	668	600	404
12/19/2022	15	668	600	400
12/19/2022	16	668	600	392
12/19/2022	17	668	600	376
12/19/2022	18	668	600	383
12/19/2022	19	668	600	373
12/19/2022	20	668	600	369
12/19/2022	21	668	600	361
12/19/2022	22	668	600	349
12/19/2022	23	668	600	334
12/19/2022	24	668	600	320
12/20/2022	1	600	600	295
12/20/2022	2	600	600	287
12/20/2022	3	600	600	281
12/20/2022	4	600	600	274
12/20/2022	5	668	668	275
12/20/2022	6	668	668	275
12/20/2022	7	668	668	290
12/20/2022	8	668	668	312
12/20/2022	9	668	668	346
12/20/2022	10	668	668	363
12/20/2022	11	668	668	380
12/20/2022	12	668	668	376
12/20/2022	13	668	668	380
12/20/2022	14	668	668	381
12/20/2022	15	668	668	382
12/20/2022	16	668	668	376
12/20/2022	17	668	668	366
12/20/2022	18	668	668	372
12/20/2022	19	668	668	366
12/20/2022	20	668	668	361
12/20/2022	21	668	668	357
12/20/2022	22	668	668	344
12/20/2022	23	668	668	331
12/20/2022	24	668	668	333
12/21/2022	1	600	450	292
12/21/2022	2	600	450	281
12/21/2022	3	550	450	275
12/21/2022	4	550	450	271
12/21/2022	5	550	450	277
12/21/2022	6	550	450	282
12/21/2022	7	500	450	285
12/21/2022	8	550	450	312
12/21/2022	9	600	450	338
12/21/2022	10	600	450	361
12/21/2022	11	600	450	370
12/21/2022	12	600	450	363
12/21/2022	13	600	450	366
12/21/2022	14	600	450	379

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/21/2022	15	600	450	375
12/21/2022	16	600	450	370
12/21/2022	17	600	450	355
12/21/2022	18	600	450	365
12/21/2022	19	600	450	354
12/21/2022	20	600	450	348
12/21/2022	21	600	450	342
12/21/2022	22	600	450	330
12/21/2022	23	600	450	317
12/21/2022	24	600	450	333
12/22/2022	1	556	450	302
12/22/2022	2	556	450	290
12/22/2022	3	510	450	283
12/22/2022	4	510	450	279
12/22/2022	5	510	450	279
12/22/2022	6	510	450	283
12/22/2022	7	500	450	288
12/22/2022	8	510	450	311
12/22/2022	9	556	450	340
12/22/2022	10	556	450	361
12/22/2022	11	556	450	372
12/22/2022	12	556	450	366
12/22/2022	13	556	450	367
12/22/2022	14	556	450	379
12/22/2022	15	556	450	378
12/22/2022	16	556	450	372
12/22/2022	17	556	450	356
12/22/2022	18	570	450	365
12/22/2022	19	556	450	354
12/22/2022	20	556	450	350
12/22/2022	21	556	450	344
12/22/2022	22	556	450	334
12/22/2022	23	556	450	321
12/22/2022	24	556	450	327
12/23/2022	1	556	450	281
12/23/2022	2	556	450	295
12/23/2022	3	556	450	286
12/23/2022	4	556	450	282
12/23/2022	5	556	450	282
12/23/2022	6	556	450	288
12/23/2022	7	556	450	293
12/23/2022	8	556	450	316
12/23/2022	9	556	450	344
12/23/2022	10	600	500	366
12/23/2022	11	600	500	377
12/23/2022	12	556	500	370
12/23/2022	13	556	500	372
12/23/2022	14	582	500	383
12/23/2022	15	600	500	383
12/23/2022	16	556	500	377
12/23/2022	17	556	500	361
12/23/2022	18	556	500	369
12/23/2022	19	556	450	359
12/23/2022	20	556	450	354
12/23/2022	21	556	450	348
12/23/2022	22	600	450	338
12/23/2022	23	600	450	325
12/23/2022	24	600	450	327
12/24/2022	1	455	400	271
12/24/2022	2	455	400	262
12/24/2022	3	400	350	241
12/24/2022	4	420	350	256
12/24/2022	5	420	350	250
12/24/2022	6	400	350	245
12/24/2022	7	400	350	239

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/24/2022	8	400	350	252
12/24/2022	9	420	350	273
12/24/2022	10	455	350	288
12/24/2022	11	455	350	298
12/24/2022	12	455	350	295
12/24/2022	13	455	350	291
12/24/2022	14	455	350	293
12/24/2022	15	455	350	287
12/24/2022	16	455	350	281
12/24/2022	17	455	350	277
12/24/2022	18	455	350	295
12/24/2022	19	455	350	291
12/24/2022	20	455	350	277
12/24/2022	21	455	350	268
12/24/2022	22	455	350	262
12/24/2022	23	408	400	257
12/24/2022	24	464	400	313
12/25/2022	1	460	350	255
12/25/2022	2	460	350	249
12/25/2022	3	460	350	243
12/25/2022	4	422	350	236
12/25/2022	5	412	350	233
12/25/2022	6	412	350	232
12/25/2022	7	412	350	227
12/25/2022	8	371	350	232
12/25/2022	9	371	350	236
12/25/2022	10	371	350	246
12/25/2022	11	371	350	256
12/25/2022	12	440	350	259
12/25/2022	13	433	350	256
12/25/2022	14	430	350	254
12/25/2022	15	432	350	255
12/25/2022	16	450	350	257
12/25/2022	17	455	350	263
12/25/2022	18	455	350	290
12/25/2022	19	455	350	292
12/25/2022	20	455	350	289
12/25/2022	21	455	350	283
12/25/2022	22	455	350	274
12/25/2022	23	408	350	260
12/25/2022	24	455	350	251
12/26/2022	1	455	420	302
12/26/2022	2	455	420	292
12/26/2022	3	455	420	283
12/26/2022	4	455	420	276
12/26/2022	5	455	420	273
12/26/2022	6	455	420	271
12/26/2022	7	455	420	269
12/26/2022	8	455	420	280
12/26/2022	9	455	420	296
12/26/2022	10	455	412	311
12/26/2022	11	455	412	315
12/26/2022	12	455	412	311
12/26/2022	13	455	412	309
12/26/2022	14	455	412	311
12/26/2022	15	455	412	310
12/26/2022	16	455	412	309
12/26/2022	17	455	412	309
12/26/2022	18	455	412	331
12/26/2022	19	455	412	328
12/26/2022	20	455	412	326
12/26/2022	21	455	412	323
12/26/2022	22	455	420	313
12/26/2022	23	455	420	300
12/26/2022	24	455	420	287

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/27/2022	1	455	420	261
12/27/2022	2	455	420	253
12/27/2022	3	455	420	246
12/27/2022	4	455	420	243
12/27/2022	5	455	420	246
12/27/2022	6	455	420	254
12/27/2022	7	455	420	270
12/27/2022	8	455	420	295
12/27/2022	9	455	420	319
12/27/2022	10	455	420	338
12/27/2022	11	455	420	350
12/27/2022	12	455	420	339
12/27/2022	13	455	412	336
12/27/2022	14	455	420	346
12/27/2022	15	455	412	344
12/27/2022	16	455	412	339
12/27/2022	17	455	412	332
12/27/2022	18	455	420	344
12/27/2022	19	455	420	333
12/27/2022	20	455	420	326
12/27/2022	21	455	412	320
12/27/2022	22	455	420	309
12/27/2022	23	455	420	295
12/27/2022	24	455	420	285
12/28/2022	1	400	350	255
12/28/2022	2	400	350	248
12/28/2022	3	400	350	243
12/28/2022	4	400	350	241
12/28/2022	5	400	350	241
12/28/2022	6	400	350	247
12/28/2022	7	400	350	259
12/28/2022	8	400	350	278
12/28/2022	9	400	350	299
12/28/2022	10	400	350	317
12/28/2022	11	400	350	324
12/28/2022	12	400	350	315
12/28/2022	13	400	350	314
12/28/2022	14	400	350	322
12/28/2022	15	400	350	319
12/28/2022	16	400	350	317
12/28/2022	17	400	350	311
12/28/2022	18	400	350	322
12/28/2022	19	400	350	314
12/28/2022	20	400	350	307
12/28/2022	21	400	350	302
12/28/2022	22	400	350	289
12/28/2022	23	400	350	277
12/28/2022	24	400	350	282
12/29/2022	1	400	350	267
12/29/2022	2	400	350	257
12/29/2022	3	400	350	251
12/29/2022	4	400	350	247
12/29/2022	5	400	350	246
12/29/2022	6	400	350	251
12/29/2022	7	400	350	261
12/29/2022	8	400	350	277
12/29/2022	9	400	350	299
12/29/2022	10	400	350	316
12/29/2022	11	400	350	334
12/29/2022	12	400	350	327
12/29/2022	13	400	350	327
12/29/2022	14	400	350	337
12/29/2022	15	400	350	337
12/29/2022	16	400	350	330
12/29/2022	17	400	350	323

Note: Five Year Historical Hourly Levels are based on the 2018-2022 Actual AS Levels.

ANNEX G Five Year Historical Hourly Levels of AS requirement for Luzon

DELIVERY_DATE	DELIVERY_HOUR	Contingency Reserve	Dispatchable Reserve	Regulating Reserve
12/29/2022	18	400	350	334
12/29/2022	19	400	350	324
12/29/2022	20	400	350	316
12/29/2022	21	400	350	310
12/29/2022	22	400	350	297
12/29/2022	23	400	350	285
12/29/2022	24	400	350	287
12/30/2022	1	400	350	249
12/30/2022	2	400	350	242
12/30/2022	3	400	350	235
12/30/2022	4	400	350	230
12/30/2022	5	400	350	230
12/30/2022	6	400	350	233
12/30/2022	7	400	350	236
12/30/2022	8	400	350	248
12/30/2022	9	400	350	265
12/30/2022	10	400	350	281
12/30/2022	11	400	350	295
12/30/2022	12	400	350	291
12/30/2022	13	400	350	289
12/30/2022	14	400	350	294
12/30/2022	15	400	350	290
12/30/2022	16	400	350	285
12/30/2022	17	400	350	282
12/30/2022	18	400	350	300
12/30/2022	19	400	350	296
12/30/2022	20	400	350	291
12/30/2022	21	400	350	285
12/30/2022	22	400	350	276
12/30/2022	23	400	350	265
12/30/2022	24	400	350	263
12/31/2022	1	334	334	216
12/31/2022	2	334	334	210
12/31/2022	3	334	334	202
12/31/2022	4	334	334	197
12/31/2022	5	334	334	199
12/31/2022	6	334	334	200
12/31/2022	7	334	334	202
12/31/2022	8	334	334	212
12/31/2022	9	334	334	226
12/31/2022	10	334	334	239
12/31/2022	11	334	334	245
12/31/2022	12	334	334	245
12/31/2022	13	334	334	239
12/31/2022	14	334	334	240
12/31/2022	15	334	334	237
12/31/2022	16	334	334	235
12/31/2022	17	334	334	234
12/31/2022	18	334	334	255
12/31/2022	19	334	334	254
12/31/2022	20	334	334	242
12/31/2022	21	334	334	235
12/31/2022	22	334	334	228
12/31/2022	23	334	334	222
12/31/2022	24	334	334	214