

ANNEX K Ten Year Projected Monthly Levels of AS Requirements for Visayas

GRID	PERIOD	REGULATING RESERVE (MW)	CONTINGENCY RESERVE (MW)	DISPATCHABLE RESERVE (MW)	BLACK START (Min MW per Restoration Highway)
Visayas	Jan-24	95	153	153	20
Visayas	Feb-24	95	153	153	20
Visayas	Mar-24	109	153	153	20
Visayas	Apr-24	110	153	153	20
Visayas	May-24	115	153	153	20
Visayas	Jun-24	113	153	153	20
Visayas	Jul-24	111	153	153	20
Visayas	Aug-24	112	153	153	20
Visayas	Sep-24	116	153	153	20
Visayas	Oct-24	112	153	153	20
Visayas	Nov-24	111	153	153	20
Visayas	Dec-24	107	153	153	20
Visayas	Jan-25	102	153	153	20
Visayas	Feb-25	103	153	153	20
Visayas	Mar-25	117	153	153	20
Visayas	Apr-25	119	153	153	20
Visayas	May-25	124	153	153	20
Visayas	Jun-25	122	153	153	20
Visayas	Jul-25	120	153	153	20
Visayas	Aug-25	119	153	153	20
Visayas	Sep-25	124	153	153	20
Visayas	Oct-25	120	153	153	20
Visayas	Nov-25	119	153	153	20
Visayas	Dec-25	118	153	153	20
Visayas	Jan-26	110	153	153	20
Visayas	Feb-26	110	153	153	20
Visayas	Mar-26	125	153	153	20
Visayas	Apr-26	127	153	153	20
Visayas	May-26	133	153	153	20
Visayas	Jun-26	129	153	153	20
Visayas	Jul-26	129	153	153	20
Visayas	Aug-26	127	153	153	20
Visayas	Sep-26	134	153	153	20
Visayas	Oct-26	129	153	153	20
Visayas	Nov-26	128	153	153	20
Visayas	Dec-26	127	153	153	20
Visayas	Jan-27	117	153	153	20
Visayas	Feb-27	118	153	153	20
Visayas	Mar-27	135	153	153	20
Visayas	Apr-27	137	153	153	20
Visayas	May-27	142	153	153	20
Visayas	Jun-27	141	153	153	20
Visayas	Jul-27	138	153	153	20
Visayas	Aug-27	137	153	153	20
Visayas	Sep-27	143	153	153	20
Visayas	Oct-27	139	153	153	20
Visayas	Nov-27	137	153	153	20
Visayas	Dec-27	132	153	153	20
Visayas	Jan-28	126	153	153	20
Visayas	Feb-28	127	153	153	20
Visayas	Mar-28	144	153	153	20
Visayas	Apr-28	146	153	153	20
Visayas	May-28	153	153	153	20
Visayas	Jun-28	151	153	153	20
Visayas	Jul-28	148	153	153	20
Visayas	Aug-28	149	153	153	20
Visayas	Sep-28	154	153	153	20
Visayas	Oct-28	149	153	153	20
Visayas	Nov-28	147	153	153	20
Visayas	Dec-28	142	153	153	20
Visayas	Jan-29	135	153	153	20
Visayas	Feb-29	136	153	153	20
Visayas	Mar-29	155	153	153	20
Visayas	Apr-29	157	153	153	20
Visayas	May-29	164	153	153	20
Visayas	Jun-29	161	153	153	20
Visayas	Jul-29	159	153	153	20
Visayas	Aug-29	160	153	153	20
Visayas	Sep-29	165	153	153	20
Visayas	Oct-29	159	153	153	20
Visayas	Nov-29	157	153	153	20
Visayas	Dec-29	152	153	153	20
Visayas	Jan-30	145	153	153	20
Visayas	Feb-30	146	153	153	20
Visayas	Mar-30	166	153	153	20
Visayas	Apr-30	169	153	153	20

Note: Ten-year projected monthly AS levels are based on the maximum value of RR, CR and DR. RR Requirement is equivalent to the 4% of Demand projection, based on Plexos Profiles using DOE's 2020-2040 Annual Peak Demand Forecast for Luzon, Visayas, and Mindanao Grid dated August 24, 2020. While CR and DR are based on Gross Capacity of highest generating unit for the succeeding years.

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GRID	PERIOD	REGULATING RESERVE (MW)	CONTINGENCY RESERVE (MW)	DISPATCHABLE RESERVE (MW)	BLACK START (Min MW per Restoration Highway)
Visayas	May-30	176	153	153	20
Visayas	Jun-30	173	153	153	20
Visayas	Jul-30	170	153	153	20
Visayas	Aug-30	172	153	153	20
Visayas	Sep-30	177	153	153	20
Visayas	Oct-30	171	153	153	20
Visayas	Nov-30	169	153	153	20
Visayas	Dec-30	163	153	153	20
Visayas	Jan-31	156	153	153	20
Visayas	Feb-31	157	153	153	20
Visayas	Mar-31	178	153	153	20
Visayas	Apr-31	181	153	153	20
Visayas	May-31	189	153	153	20
Visayas	Jun-31	186	153	153	20
Visayas	Jul-31	183	153	153	20
Visayas	Aug-31	181	153	153	20
Visayas	Sep-31	190	153	153	20
Visayas	Oct-31	184	153	153	20
Visayas	Nov-31	181	153	153	20
Visayas	Dec-31	180	153	153	20
Visayas	Jan-32	167	153	153	20
Visayas	Feb-32	168	153	153	20
Visayas	Mar-32	191	153	153	20
Visayas	Apr-32	194	153	153	20
Visayas	May-32	202	153	153	20
Visayas	Jun-32	200	153	153	20
Visayas	Jul-32	196	153	153	20
Visayas	Aug-32	194	153	153	20
Visayas	Sep-32	204	153	153	20
Visayas	Oct-32	197	153	153	20
Visayas	Nov-32	195	153	153	20
Visayas	Dec-32	188	153	153	20
Visayas	Jan-33	179	153	153	20
Visayas	Feb-33	180	153	153	20
Visayas	Mar-33	205	153	153	20
Visayas	Apr-33	208	153	153	20
Visayas	May-33	217	153	153	20
Visayas	Jun-33	214	153	153	20
Visayas	Jul-33	211	153	153	20
Visayas	Aug-33	208	153	153	20
Visayas	Sep-33	219	153	153	20
Visayas	Oct-33	211	153	153	20
Visayas	Nov-33	209	153	153	20
Visayas	Dec-33	202	153	153	20

Note: Ten-year projected monthly AS levels are based on the maximum value of RR, CR and DR. RR Requirement is equivalent to the 4% of Demand projection, based on Plexos Profiles using DOE's 2020-2040 Annual Peak Demand Forecast for Luzon, Visayas, and Mindanao Grid dated August 24, 2020. While CR and DR are based on Gross Capacity of highest generating unit for the succeeding years.