

ANNEX C One (1) Year Projected AS Capacity to Procure under CSP for Mindanao Grid

Reserve Type	YEAR	MONTH	HOUR	Required AS Level	Firm Contracted Capacity (MW)	CSP Awarded Capacities to be Contracted	Capacity to Procure / Bid
Regulating	2024	1	1	58	0	54	4
Regulating	2024	1	2	55	0	52	3
Regulating	2024	1	3	53	0	51	2
Regulating	2024	1	4	53	0	50	3
Regulating	2024	1	5	55	0	51	4
Regulating	2024	1	6	58	0	55	3
Regulating	2024	1	7	58	0	56	2
Regulating	2024	1	8	61	0	59	2
Regulating	2024	1	9	69	0	65	4
Regulating	2024	1	10	74	0	69	5
Regulating	2024	1	11	78	0	72	6
Regulating	2024	1	12	77	0	71	6
Regulating	2024	1	13	79	0	72	7
Regulating	2024	1	14	83	0	74	9
Regulating	2024	1	15	82	0	73	9
Regulating	2024	1	16	80	0	72	8
Regulating	2024	1	17	76	0	70	6
Regulating	2024	1	18	81	0	74	7
Regulating	2024	1	19	80	0	72	8
Regulating	2024	1	20	77	0	70	7
Regulating	2024	1	21	74	0	67	7
Regulating	2024	1	22	69	0	63	6
Regulating	2024	1	23	65	0	60	5
Regulating	2024	1	24	60	0	56	4
Regulating	2024	2	1	57	0	55	2
Regulating	2024	2	2	55	0	53	2
Regulating	2024	2	3	54	0	52	2
Regulating	2024	2	4	53	0	51	2
Regulating	2024	2	5	55	0	52	3
Regulating	2024	2	6	59	0	55	4
Regulating	2024	2	7	59	0	56	3
Regulating	2024	2	8	62	0	59	3
Regulating	2024	2	9	70	0	66	4
Regulating	2024	2	10	76	0	71	5
Regulating	2024	2	11	80	0	74	6
Regulating	2024	2	12	78	0	74	4
Regulating	2024	2	13	79	0	74	5
Regulating	2024	2	14	83	0	77	6
Regulating	2024	2	15	82	0	76	6
Regulating	2024	2	16	81	0	74	7
Regulating	2024	2	17	77	0	70	7
Regulating	2024	2	18	81	0	72	9
Regulating	2024	2	19	81	0	74	7
Regulating	2024	2	20	78	0	71	7
Regulating	2024	2	21	75	0	69	6
Regulating	2024	2	22	70	0	65	5
Regulating	2024	2	23	66	0	62	4
Regulating	2024	2	24	61	0	58	3
Regulating	2024	3	1	59	0	58	1
Regulating	2024	3	2	57	0	56	1
Regulating	2024	3	3	55	0	55	0
Regulating	2024	3	4	54	0	54	0
Regulating	2024	3	5	56	0	55	1
Regulating	2024	3	6	60	0	58	2
Regulating	2024	3	7	58	0	59	0
Regulating	2024	3	8	63	0	62	1
Regulating	2024	3	9	70	0	69	1
Regulating	2024	3	10	76	0	74	2
Regulating	2024	3	11	81	0	77	4
Regulating	2024	3	12	80	0	77	3
Regulating	2024	3	13	81	0	77	4
Regulating	2024	3	14	85	0	79	6
Regulating	2024	3	15	84	0	79	5
Regulating	2024	3	16	82	0	77	5
Regulating	2024	3	17	78	0	73	5
Regulating	2024	3	18	83	0	74	9
Regulating	2024	3	19	83	0	76	7
Regulating	2024	3	20	80	0	74	6
Regulating	2024	3	21	77	0	72	5
Regulating	2024	3	22	71	0	68	3

NOTE: RR Requirement is equivalent to the hourly average per month of the 4% Demand Projection, based on Flexos Profiles using DOE's 2020-2040 Annual Peak Demand Forecast for Luzon, Visayas and Mindanao Grid, dated 24 August 2020. Firm Contracted Capacity is based on the current contracts. CSP Awarded Capacities to be Contracted are based on the awarded contracts of the 1st 2023 CSP. Capacity to Procure/Bid is the difference of the Required AS Level, Firm Contracted Capacity, and CSP Awarded Capacities to be Contracted.

ANNEX C One (1) Year Projected AS Capacity to Procure under CSP for Mindanao Grid

Reserve Type	YEAR	MONTH	HOUR	Required AS Level	Firm Contracted Capacity (MW)	CSP Awarded Capacities to be Contracted	Capacity to Procure / Bid
Regulating	2024	3	23	67	0	63	4
Regulating	2024	3	24	62	0	60	2
Regulating	2024	4	1	61	0	60	1
Regulating	2024	4	2	59	0	58	1
Regulating	2024	4	3	58	0	57	1
Regulating	2024	4	4	56	0	55	1
Regulating	2024	4	5	58	0	56	2
Regulating	2024	4	6	61	0	58	3
Regulating	2024	4	7	60	0	59	1
Regulating	2024	4	8	66	0	63	3
Regulating	2024	4	9	73	0	71	2
Regulating	2024	4	10	79	0	76	3
Regulating	2024	4	11	83	0	79	4
Regulating	2024	4	12	82	0	78	4
Regulating	2024	4	13	83	0	79	4
Regulating	2024	4	14	86	0	80	6
Regulating	2024	4	15	85	0	80	5
Regulating	2024	4	16	84	0	79	5
Regulating	2024	4	17	82	0	75	7
Regulating	2024	4	18	87	0	76	11
Regulating	2024	4	19	86	0	77	9
Regulating	2024	4	20	83	0	75	8
Regulating	2024	4	21	80	0	74	6
Regulating	2024	4	22	74	0	70	4
Regulating	2024	4	23	70	0	66	4
Regulating	2024	4	24	65	0	63	2
Regulating	2024	5	1	66	0	61	5
Regulating	2024	5	2	64	0	59	5
Regulating	2024	5	3	61	0	58	3
Regulating	2024	5	4	60	0	57	3
Regulating	2024	5	5	61	0	59	2
Regulating	2024	5	6	64	0	60	4
Regulating	2024	5	7	63	0	60	3
Regulating	2024	5	8	68	0	65	3
Regulating	2024	5	9	77	0	72	5
Regulating	2024	5	10	83	0	77	6
Regulating	2024	5	11	87	0	80	7
Regulating	2024	5	12	86	0	80	6
Regulating	2024	5	13	87	0	80	7
Regulating	2024	5	14	91	0	80	11
Regulating	2024	5	15	90	0	80	10
Regulating	2024	5	16	88	0	79	9
Regulating	2024	5	17	84	0	76	8
Regulating	2024	5	18	89	0	77	12
Regulating	2024	5	19	90	0	78	12
Regulating	2024	5	20	87	0	77	10
Regulating	2024	5	21	84	0	75	9
Regulating	2024	5	22	79	0	71	8
Regulating	2024	5	23	74	0	67	7
Regulating	2024	5	24	69	0	64	5
Regulating	2024	6	1	65	0	61	4
Regulating	2024	6	2	62	0	60	2
Regulating	2024	6	3	60	0	58	2
Regulating	2024	6	4	59	0	57	2
Regulating	2024	6	5	60	0	59	1
Regulating	2024	6	6	63	0	60	3
Regulating	2024	6	7	61	0	60	1
Regulating	2024	6	8	66	0	65	1
Regulating	2024	6	9	75	0	72	3
Regulating	2024	6	10	82	0	77	5
Regulating	2024	6	11	86	0	80	6
Regulating	2024	6	12	86	0	80	6
Regulating	2024	6	13	86	0	80	6
Regulating	2024	6	14	89	0	80	9
Regulating	2024	6	15	88	0	80	8
Regulating	2024	6	16	86	0	79	7
Regulating	2024	6	17	82	0	76	6
Regulating	2024	6	18	86	0	76	10
Regulating	2024	6	19	88	0	78	10
Regulating	2024	6	20	85	0	77	8

NOTE: RR Requirement is equivalent to the hourly average per month of the 4% Demand Projection, based on Flexos Profiles using DOE's 2020-2040 Annual Peak Demand Forecast for Luzon, Visayas and Mindanao Grid, dated 24 August 2020. Firm Contracted Capacity is based on the current contracts. CSP Awarded Capacities to be Contracted are based on the awarded contracts of the 1st 2023 CSP. Capacity to Procure/Bid is the difference of the Required AS Level, Firm Contracted Capacity, and CSP Awarded Capacities to be Contracted.

ANNEX C One (1) Year Projected AS Capacity to Procure under CSP for Mindanao Grid

Reserve Type	YEAR	MONTH	HOUR	Required AS Level	Firm Contracted Capacity (MW)	CSP Awarded Capacities to be Contracted	Capacity to Procure / Bid
Regulating	2024	6	21	82	0	75	7
Regulating	2024	6	22	77	0	71	6
Regulating	2024	6	23	72	0	67	5
Regulating	2024	6	24	67	0	63	4
Regulating	2024	7	1	62	0	61	1
Regulating	2024	7	2	60	0	60	0
Regulating	2024	7	3	57	0	58	0
Regulating	2024	7	4	57	0	57	0
Regulating	2024	7	5	57	0	58	0
Regulating	2024	7	6	60	0	60	0
Regulating	2024	7	7	60	0	59	1
Regulating	2024	7	8	65	0	64	1
Regulating	2024	7	9	74	0	71	3
Regulating	2024	7	10	81	0	75	6
Regulating	2024	7	11	86	0	79	7
Regulating	2024	7	12	85	0	78	7
Regulating	2024	7	13	86	0	79	7
Regulating	2024	7	14	90	0	80	10
Regulating	2024	7	15	88	0	80	8
Regulating	2024	7	16	87	0	78	9
Regulating	2024	7	17	82	0	75	7
Regulating	2024	7	18	84	0	75	9
Regulating	2024	7	19	86	0	79	7
Regulating	2024	7	20	83	0	77	6
Regulating	2024	7	21	80	0	76	4
Regulating	2024	7	22	74	0	72	2
Regulating	2024	7	23	70	0	68	2
Regulating	2024	7	24	66	0	64	2
Regulating	2024	8	1	63	0	62	1
Regulating	2024	8	2	60	0	60	0
Regulating	2024	8	3	59	0	58	1
Regulating	2024	8	4	58	0	57	1
Regulating	2024	8	5	59	0	59	0
Regulating	2024	8	6	63	0	61	2
Regulating	2024	8	7	60	0	60	0
Regulating	2024	8	8	65	0	65	0
Regulating	2024	8	9	74	0	72	2
Regulating	2024	8	10	80	0	77	3
Regulating	2024	8	11	85	0	80	5
Regulating	2024	8	12	84	0	80	4
Regulating	2024	8	13	86	0	80	6
Regulating	2024	8	14	89	0	80	9
Regulating	2024	8	15	89	0	80	9
Regulating	2024	8	16	87	0	80	7
Regulating	2024	8	17	83	0	77	6
Regulating	2024	8	18	86	0	77	9
Regulating	2024	8	19	87	0	79	8
Regulating	2024	8	20	85	0	77	8
Regulating	2024	8	21	82	0	75	7
Regulating	2024	8	22	76	0	72	4
Regulating	2024	8	23	71	0	68	3
Regulating	2024	8	24	66	0	64	2
Regulating	2024	9	1	63	0	60	3
Regulating	2024	9	2	61	0	58	3
Regulating	2024	9	3	58	0	56	2
Regulating	2024	9	4	57	0	55	2
Regulating	2024	9	5	60	0	58	2
Regulating	2024	9	6	63	0	60	3
Regulating	2024	9	7	58	0	59	0
Regulating	2024	9	8	66	0	64	2
Regulating	2024	9	9	76	0	71	5
Regulating	2024	9	10	83	0	76	7
Regulating	2024	9	11	87	0	80	7
Regulating	2024	9	12	86	0	79	7
Regulating	2024	9	13	88	0	80	8
Regulating	2024	9	14	92	0	80	12
Regulating	2024	9	15	90	0	80	10
Regulating	2024	9	16	87	0	79	8
Regulating	2024	9	17	84	0	76	8
Regulating	2024	9	18	90	0	80	10

NOTE: RR Requirement is equivalent to the hourly average per month of the 4% Demand Projection, based on Flexos Profiles using DOE's 2020-2040 Annual Peak Demand Forecast for Luzon, Visayas and Mindanao Grid, dated 24 August 2020. Firm Contracted Capacity is based on the current contracts. CSP Awarded Capacities to be Contracted are based on the awarded contracts of the 1st 2023 CSP. Capacity to Procure/Bid is the difference of the Required AS Level, Firm Contracted Capacity, and CSP Awarded Capacities to be Contracted.

ANNEX C One (1) Year Projected AS Capacity to Procure under CSP for Mindanao Grid

Reserve Type	YEAR	MONTH	HOUR	Required AS Level	Firm Contracted Capacity (MW)	CSP Awarded Capacities to be Contracted	Capacity to Procure / Bid
Regulating	2024	9	19	87	0	78	9
Regulating	2024	9	20	84	0	76	8
Regulating	2024	9	21	81	0	74	7
Regulating	2024	9	22	75	0	70	5
Regulating	2024	9	23	71	0	66	5
Regulating	2024	9	24	66	0	62	4
Regulating	2024	10	1	61	0	61	0
Regulating	2024	10	2	58	0	59	0
Regulating	2024	10	3	57	0	57	0
Regulating	2024	10	4	56	0	56	0
Regulating	2024	10	5	59	0	59	0
Regulating	2024	10	6	61	0	61	0
Regulating	2024	10	7	57	0	60	0
Regulating	2024	10	8	64	0	65	0
Regulating	2024	10	9	74	0	71	3
Regulating	2024	10	10	81	0	76	5
Regulating	2024	10	11	86	0	80	6
Regulating	2024	10	12	84	0	79	5
Regulating	2024	10	13	85	0	80	5
Regulating	2024	10	14	88	0	80	8
Regulating	2024	10	15	87	0	80	7
Regulating	2024	10	16	85	0	79	6
Regulating	2024	10	17	82	0	77	5
Regulating	2024	10	18	89	0	80	9
Regulating	2024	10	19	85	0	77	8
Regulating	2024	10	20	82	0	76	6
Regulating	2024	10	21	78	0	74	4
Regulating	2024	10	22	73	0	70	3
Regulating	2024	10	23	68	0	66	2
Regulating	2024	10	24	64	0	63	1
Regulating	2024	11	1	61	0	61	0
Regulating	2024	11	2	59	0	59	0
Regulating	2024	11	3	57	0	57	0
Regulating	2024	11	4	57	0	56	1
Regulating	2024	11	5	59	0	58	1
Regulating	2024	11	6	62	0	61	1
Regulating	2024	11	7	57	0	61	0
Regulating	2024	11	8	64	0	65	0
Regulating	2024	11	9	73	0	72	1
Regulating	2024	11	10	79	0	77	2
Regulating	2024	11	11	83	0	80	3
Regulating	2024	11	12	82	0	80	2
Regulating	2024	11	13	83	0	80	3
Regulating	2024	11	14	87	0	80	7
Regulating	2024	11	15	85	0	80	5
Regulating	2024	11	16	83	0	79	4
Regulating	2024	11	17	82	0	77	5
Regulating	2024	11	18	89	0	80	9
Regulating	2024	11	19	85	0	79	6
Regulating	2024	11	20	82	0	77	5
Regulating	2024	11	21	78	0	75	3
Regulating	2024	11	22	73	0	70	3
Regulating	2024	11	23	68	0	66	2
Regulating	2024	11	24	64	0	62	2
Regulating	2024	12	1	60	0	55	5
Regulating	2024	12	2	58	0	53	5
Regulating	2024	12	3	56	0	51	5
Regulating	2024	12	4	55	0	50	5
Regulating	2024	12	5	56	0	51	5
Regulating	2024	12	6	59	0	53	6
Regulating	2024	12	7	57	0	53	4
Regulating	2024	12	8	61	0	57	4
Regulating	2024	12	9	70	0	66	4
Regulating	2024	12	10	76	0	71	5
Regulating	2024	12	11	80	0	74	6
Regulating	2024	12	12	79	0	74	5
Regulating	2024	12	13	80	0	74	6
Regulating	2024	12	14	83	0	76	7
Regulating	2024	12	15	82	0	75	7
Regulating	2024	12	16	81	0	74	7

NOTE: RR Requirement is equivalent to the hourly average per month of the 4% Demand Projection, based on Flexos Profiles using DOE's 2020-2040 Annual Peak Demand Forecast for Luzon, Visayas and Mindanao Grid, dated 24 August 2020. Firm Contracted Capacity is based on the current contracts. CSP Awarded Capacities to be Contracted are based on the awarded contracts of the 1st 2023 CSP. Capacity to Procure/Bid is the difference of the Required AS Level, Firm Contracted Capacity, and CSP Awarded Capacities to be Contracted.

ANNEX C One (1) Year Projected AS Capacity to Procure under CSP for Mindanao Grid

Reserve Type	YEAR	MONTH	HOUR	Required AS Level	Firm Contracted Capacity (MW)	CSP Awarded Capacities to be Contracted	Capacity to Procure / Bid
Regulating	2024	12	17	79	0	72	7
Regulating	2024	12	18	88	0	78	10
Regulating	2024	12	19	83	0	76	7
Regulating	2024	12	20	80	0	74	6
Regulating	2024	12	21	77	0	71	6
Regulating	2024	12	22	72	0	66	6
Regulating	2024	12	23	67	0	61	6
Regulating	2024	12	24	63	0	57	6

NOTE: RR Requirement is equivalent to the hourly average per month of the 4% Demand Projection, based on Flexos Profiles using DOE's 2020-2040 Annual Peak Demand Forecast for Luzon, Visayas and Mindanao Grid, dated 24 August 2020. Firm Contracted Capacity is based on the current contracts. CSP Awarded Capacities to be Contracted are based on the awarded contracts of the 1st 2023 CSP. Capacity to Procure/Bid is the difference of the Required AS Level, Firm Contracted Capacity, and CSP Awarded Capacities to be Contracted.

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Reserve Type	YEAR	MONTH	HOUR	Required AS Level	Firm Contracted Capacity (MW)	CSP Awarded Capacities to be Contracted	Capacity to Procure / Bid
Contingency	2024	1	1	113	0	80	33
Contingency	2024	1	2	112	0	80	32
Contingency	2024	1	3	111	0	80	31
Contingency	2024	1	4	111	0	80	31
Contingency	2024	1	5	111	0	80	31
Contingency	2024	1	6	114	0	80	34
Contingency	2024	1	7	113	0	80	33
Contingency	2024	1	8	116	0	80	36
Contingency	2024	1	9	121	0	50	71
Contingency	2024	1	10	125	0	69	56
Contingency	2024	1	11	128	0	69	59
Contingency	2024	1	12	127	0	69	58
Contingency	2024	1	13	128	0	69	59
Contingency	2024	1	14	133	0	69	64
Contingency	2024	1	15	129	0	69	60
Contingency	2024	1	16	129	0	69	60
Contingency	2024	1	17	127	0	69	58
Contingency	2024	1	18	131	0	69	62
Contingency	2024	1	19	133	0	69	64
Contingency	2024	1	20	133	0	69	64
Contingency	2024	1	21	128	0	69	59
Contingency	2024	1	22	123	0	80	43
Contingency	2024	1	23	119	0	80	39
Contingency	2024	1	24	115	0	80	35
Contingency	2024	2	1	115	0	69	46
Contingency	2024	2	2	114	0	69	45
Contingency	2024	2	3	113	0	69	44
Contingency	2024	2	4	112	0	69	43
Contingency	2024	2	5	113	0	69	44
Contingency	2024	2	6	115	0	69	46
Contingency	2024	2	7	114	0	69	45
Contingency	2024	2	8	114	0	69	45
Contingency	2024	2	9	119	0	39	80
Contingency	2024	2	10	127	0	69	58
Contingency	2024	2	11	132	0	69	63
Contingency	2024	2	12	130	0	69	61
Contingency	2024	2	13	131	0	69	62
Contingency	2024	2	14	134	0	69	65
Contingency	2024	2	15	134	0	69	65
Contingency	2024	2	16	133	0	69	64
Contingency	2024	2	17	128	0	69	59
Contingency	2024	2	18	130	0	69	61
Contingency	2024	2	19	132	0	69	63
Contingency	2024	2	20	129	0	69	60
Contingency	2024	2	21	126	0	69	57
Contingency	2024	2	22	123	0	69	54
Contingency	2024	2	23	120	0	69	51
Contingency	2024	2	24	116	0	69	47
Contingency	2024	3	1	106	0	99	7
Contingency	2024	3	2	104	0	99	5
Contingency	2024	3	3	102	0	99	3
Contingency	2024	3	4	101	0	99	2
Contingency	2024	3	5	101	0	99	2
Contingency	2024	3	6	104	0	99	5
Contingency	2024	3	7	105	0	99	6
Contingency	2024	3	8	111	0	99	12
Contingency	2024	3	9	122	0	69	53
Contingency	2024	3	10	127	0	69	58
Contingency	2024	3	11	132	0	69	63
Contingency	2024	3	12	133	0	69	64
Contingency	2024	3	13	132	0	69	63
Contingency	2024	3	14	134	0	69	65
Contingency	2024	3	15	135	0	69	66
Contingency	2024	3	16	133	0	69	64
Contingency	2024	3	17	131	0	69	62
Contingency	2024	3	18	129	0	69	60
Contingency	2024	3	19	130	0	69	61
Contingency	2024	3	20	128	0	69	59
Contingency	2024	3	21	125	0	69	56
Contingency	2024	3	22	122	0	99	23

NOTE: CR Requirement is based on the computed AS Levels from the 2021-2022 average historical net scheduled capacity of the highest generating units online, per month and per hour. CSP Awarded Capacities to be Contracted are based on the awarded contracts of the 1st 2023 CSP. Capacity to Procure/Bid is based on the difference of the Required CR, Firm Contracted Capacity and CSP Awarded Capacities to be Contracted.

ANNEX C One (1) Year Projected AS Capacity to Procure under CSP for Mindanao Grid

Reserve Type	YEAR	MONTH	HOUR	Required AS Level	Firm Contracted Capacity (MW)	CSP Awarded Capacities to be Contracted	Capacity to Procure / Bid
Contingency	2024	3	23	119	0	99	20
Contingency	2024	3	24	111	0	99	12
Contingency	2024	4	1	100	0	99	1
Contingency	2024	4	2	99	0	99	0
Contingency	2024	4	3	98	0	99	0
Contingency	2024	4	4	97	0	99	0
Contingency	2024	4	5	97	0	99	0
Contingency	2024	4	6	99	0	99	0
Contingency	2024	4	7	100	0	99	1
Contingency	2024	4	8	103	0	99	4
Contingency	2024	4	9	113	0	69	44
Contingency	2024	4	10	119	0	69	50
Contingency	2024	4	11	123	0	69	54
Contingency	2024	4	12	124	0	69	55
Contingency	2024	4	13	123	0	69	54
Contingency	2024	4	14	131	0	69	62
Contingency	2024	4	15	128	0	69	59
Contingency	2024	4	16	126	0	69	57
Contingency	2024	4	17	122	0	69	53
Contingency	2024	4	18	121	0	69	52
Contingency	2024	4	19	126	0	69	57
Contingency	2024	4	20	123	0	69	54
Contingency	2024	4	21	119	0	69	50
Contingency	2024	4	22	113	0	99	14
Contingency	2024	4	23	111	0	99	12
Contingency	2024	4	24	105	0	99	6
Contingency	2024	5	1	106	0	99	7
Contingency	2024	5	2	104	0	99	5
Contingency	2024	5	3	102	0	99	3
Contingency	2024	5	4	100	0	99	1
Contingency	2024	5	5	101	0	99	2
Contingency	2024	5	6	103	0	99	4
Contingency	2024	5	7	104	0	99	5
Contingency	2024	5	8	106	0	99	7
Contingency	2024	5	9	119	0	69	50
Contingency	2024	5	10	124	0	69	55
Contingency	2024	5	11	129	0	69	60
Contingency	2024	5	12	130	0	69	61
Contingency	2024	5	13	130	0	69	61
Contingency	2024	5	14	133	0	69	64
Contingency	2024	5	15	133	0	69	64
Contingency	2024	5	16	131	0	69	62
Contingency	2024	5	17	127	0	69	58
Contingency	2024	5	18	128	0	69	59
Contingency	2024	5	19	131	0	69	62
Contingency	2024	5	20	129	0	69	60
Contingency	2024	5	21	127	0	69	58
Contingency	2024	5	22	123	0	99	24
Contingency	2024	5	23	116	0	99	17
Contingency	2024	5	24	110	0	99	11
Contingency	2024	6	1	110	0	99	11
Contingency	2024	6	2	108	0	99	9
Contingency	2024	6	3	107	0	99	8
Contingency	2024	6	4	105	0	99	6
Contingency	2024	6	5	106	0	99	7
Contingency	2024	6	6	108	0	99	9
Contingency	2024	6	7	108	0	99	9
Contingency	2024	6	8	110	0	99	11
Contingency	2024	6	9	123	0	69	54
Contingency	2024	6	10	127	0	69	58
Contingency	2024	6	11	130	0	69	61
Contingency	2024	6	12	131	0	69	62
Contingency	2024	6	13	132	0	69	63
Contingency	2024	6	14	133	0	69	64
Contingency	2024	6	15	134	0	69	65
Contingency	2024	6	16	132	0	69	63
Contingency	2024	6	17	130	0	69	61
Contingency	2024	6	18	130	0	69	61
Contingency	2024	6	19	133	0	69	64
Contingency	2024	6	20	131	0	69	62

NOTE: CR Requirement is based on the computed AS Levels from the 2021-2022 average historical net scheduled capacity of the highest generating units online, per month and per hour. CSP Awarded Capacities to be Contracted are based on the awarded contracts of the 1st 2023 CSP. Capacity to Procure/Bid is based on the difference of the Required CR, Firm Contracted Capacity and CSP Awarded Capacities to be Contracted.

ANNEX C One (1) Year Projected AS Capacity to Procure under CSP for Mindanao Grid

Reserve Type	YEAR	MONTH	HOUR	Required AS Level	Firm Contracted Capacity (MW)	CSP Awarded Capacities to be Contracted	Capacity to Procure / Bid
Contingency	2024	6	21	129	0	69	60
Contingency	2024	6	22	125	0	99	26
Contingency	2024	6	23	122	0	99	23
Contingency	2024	6	24	116	0	99	17
Contingency	2024	7	1	104	0	99	5
Contingency	2024	7	2	100	0	99	1
Contingency	2024	7	3	96	0	99	0
Contingency	2024	7	4	94	0	99	0
Contingency	2024	7	5	95	0	99	0
Contingency	2024	7	6	97	0	99	0
Contingency	2024	7	7	99	0	99	0
Contingency	2024	7	8	105	0	99	6
Contingency	2024	7	9	121	0	69	52
Contingency	2024	7	10	124	0	69	55
Contingency	2024	7	11	128	0	69	59
Contingency	2024	7	12	129	0	69	60
Contingency	2024	7	13	129	0	69	60
Contingency	2024	7	14	131	0	69	62
Contingency	2024	7	15	132	0	69	63
Contingency	2024	7	16	130	0	69	61
Contingency	2024	7	17	129	0	69	60
Contingency	2024	7	18	128	0	69	59
Contingency	2024	7	19	130	0	69	61
Contingency	2024	7	20	126	0	69	57
Contingency	2024	7	21	123	0	69	54
Contingency	2024	7	22	119	0	99	20
Contingency	2024	7	23	122	0	99	23
Contingency	2024	7	24	115	0	99	16
Contingency	2024	8	1	116	0	99	17
Contingency	2024	8	2	114	0	99	15
Contingency	2024	8	3	112	0	99	13
Contingency	2024	8	4	109	0	99	10
Contingency	2024	8	5	110	0	99	11
Contingency	2024	8	6	112	0	99	13
Contingency	2024	8	7	113	0	99	14
Contingency	2024	8	8	120	0	99	21
Contingency	2024	8	9	129	0	69	60
Contingency	2024	8	10	134	0	69	65
Contingency	2024	8	11	134	0	69	65
Contingency	2024	8	12	135	0	69	66
Contingency	2024	8	13	135	0	69	66
Contingency	2024	8	14	135	0	69	66
Contingency	2024	8	15	135	0	69	66
Contingency	2024	8	16	135	0	69	66
Contingency	2024	8	17	133	0	69	64
Contingency	2024	8	18	132	0	69	63
Contingency	2024	8	19	134	0	69	65
Contingency	2024	8	20	134	0	69	65
Contingency	2024	8	21	131	0	69	62
Contingency	2024	8	22	129	0	99	30
Contingency	2024	8	23	128	0	99	29
Contingency	2024	8	24	123	0	99	24
Contingency	2024	9	1	107	0	99	8
Contingency	2024	9	2	104	0	99	5
Contingency	2024	9	3	101	0	99	2
Contingency	2024	9	4	101	0	99	2
Contingency	2024	9	5	102	0	99	3
Contingency	2024	9	6	104	0	99	5
Contingency	2024	9	7	103	0	99	4
Contingency	2024	9	8	106	0	99	7
Contingency	2024	9	9	116	0	69	47
Contingency	2024	9	10	118	0	69	49
Contingency	2024	9	11	122	0	69	53
Contingency	2024	9	12	124	0	69	55
Contingency	2024	9	13	125	0	69	56
Contingency	2024	9	14	132	0	69	63
Contingency	2024	9	15	131	0	69	62
Contingency	2024	9	16	128	0	69	59
Contingency	2024	9	17	124	0	69	55
Contingency	2024	9	18	124	0	69	55

NOTE: CR Requirement is based on the computed AS Levels from the 2021-2022 average historical net scheduled capacity of the highest generating units online, per month and per hour. CSP Awarded Capacities to be Contracted are based on the awarded contracts of the 1st 2023 CSP. Capacity to Procure/Bid is based on the difference of the Required CR, Firm Contracted Capacity and CSP Awarded Capacities to be Contracted.

ANNEX C One (1) Year Projected AS Capacity to Procure under CSP for Mindanao Grid

Reserve Type	YEAR	MONTH	HOUR	Required AS Level	Firm Contracted Capacity (MW)	CSP Awarded Capacities to be Contracted	Capacity to Procure / Bid
Contingency	2024	9	19	127	0	69	58
Contingency	2024	9	20	124	0	69	55
Contingency	2024	9	21	121	0	69	52
Contingency	2024	9	22	116	0	99	17
Contingency	2024	9	23	116	0	99	17
Contingency	2024	9	24	110	0	99	11
Contingency	2024	10	1	100	0	99	1
Contingency	2024	10	2	98	0	99	0
Contingency	2024	10	3	95	0	99	0
Contingency	2024	10	4	95	0	99	0
Contingency	2024	10	5	95	0	99	0
Contingency	2024	10	6	98	0	99	0
Contingency	2024	10	7	97	0	99	0
Contingency	2024	10	8	101	0	99	2
Contingency	2024	10	9	116	0	69	47
Contingency	2024	10	10	121	0	69	52
Contingency	2024	10	11	126	0	69	57
Contingency	2024	10	12	125	0	69	56
Contingency	2024	10	13	127	0	69	58
Contingency	2024	10	14	131	0	69	62
Contingency	2024	10	15	130	0	69	61
Contingency	2024	10	16	127	0	69	58
Contingency	2024	10	17	127	0	69	58
Contingency	2024	10	18	130	0	69	61
Contingency	2024	10	19	130	0	69	61
Contingency	2024	10	20	128	0	69	59
Contingency	2024	10	21	124	0	69	55
Contingency	2024	10	22	118	0	99	19
Contingency	2024	10	23	114	0	99	15
Contingency	2024	10	24	106	0	99	7
Contingency	2024	11	1	105	0	99	6
Contingency	2024	11	2	103	0	99	4
Contingency	2024	11	3	100	0	99	1
Contingency	2024	11	4	99	0	99	0
Contingency	2024	11	5	101	0	99	2
Contingency	2024	11	6	102	0	99	3
Contingency	2024	11	7	99	0	99	0
Contingency	2024	11	8	103	0	99	4
Contingency	2024	11	9	119	0	69	50
Contingency	2024	11	10	124	0	69	55
Contingency	2024	11	11	128	0	69	59
Contingency	2024	11	12	129	0	69	60
Contingency	2024	11	13	129	0	69	60
Contingency	2024	11	14	132	0	69	63
Contingency	2024	11	15	133	0	69	64
Contingency	2024	11	16	130	0	69	61
Contingency	2024	11	17	129	0	69	60
Contingency	2024	11	18	131	0	69	62
Contingency	2024	11	19	131	0	69	62
Contingency	2024	11	20	129	0	69	60
Contingency	2024	11	21	127	0	69	58
Contingency	2024	11	22	119	0	99	20
Contingency	2024	11	23	117	0	99	18
Contingency	2024	11	24	110	0	99	11
Contingency	2024	12	1	94	0	99	0
Contingency	2024	12	2	92	0	99	0
Contingency	2024	12	3	90	0	99	0
Contingency	2024	12	4	88	0	99	0
Contingency	2024	12	5	90	0	99	0
Contingency	2024	12	6	93	0	99	0
Contingency	2024	12	7	90	0	99	0
Contingency	2024	12	8	94	0	99	0
Contingency	2024	12	9	108	0	69	39
Contingency	2024	12	10	115	0	69	46
Contingency	2024	12	11	123	0	69	54
Contingency	2024	12	12	124	0	69	55
Contingency	2024	12	13	124	0	69	55
Contingency	2024	12	14	127	0	69	58
Contingency	2024	12	15	128	0	69	59
Contingency	2024	12	16	125	0	69	56

NOTE: CR Requirement is based on the computed AS Levels from the 2021-2022 average historical net scheduled capacity of the highest generating units online, per month and per hour. CSP Awarded Capacities to be Contracted are based on the awarded contracts of the 1st 2023 CSP. Capacity to Procure/Bid is based on the difference of the Required CR, Firm Contracted Capacity and CSP Awarded Capacities to be Contracted.

ANNEX C One (1) Year Projected AS Capacity to Procure under CSP for Mindanao Grid

Reserve Type	YEAR	MONTH	HOUR	Required AS Level	Firm Contracted Capacity (MW)	CSP Awarded Capacities to be Contracted	Capacity to Procure / Bid
Contingency	2024	12	17	123	0	69	54
Contingency	2024	12	18	127	0	69	58
Contingency	2024	12	19	126	0	69	57
Contingency	2024	12	20	123	0	69	54
Contingency	2024	12	21	120	0	69	51
Contingency	2024	12	22	113	0	99	14
Contingency	2024	12	23	108	0	99	9
Contingency	2024	12	24	100	0	99	1

NOTE: CR Requirement is based on the computed AS Levels from the 2021-2022 average historical net scheduled capacity of the highest generating units online, per month and per hour. CSP Awarded Capacities to be Contracted are based on the awarded contracts of the 1st 2023 CSP. Capacity to Procure/Bid is based on the difference of the Required CR, Firm Contracted Capacity and CSP Awarded Capacities to be Contracted.

ANNEX C One (1) Year Projected AS Capacity to Procure under CSP for Mindanao Grid

Reserve Type	YEAR	MONTH	HOUR	Required AS Level	Firm Contracted Capacity (MW)	CSP Awarded Capacities to be Contracted	Capacity to Procure / Bid
Dispatchable	2024	1	1	83	0	100.5	0
Dispatchable	2024	1	2	81	0	100.5	0
Dispatchable	2024	1	3	78	0	100.5	0
Dispatchable	2024	1	4	76	0	100.5	0
Dispatchable	2024	1	5	77	0	100.5	0
Dispatchable	2024	1	6	81	0	100.5	0
Dispatchable	2024	1	7	82	0	100.5	0
Dispatchable	2024	1	8	85	0	100.5	0
Dispatchable	2024	1	9	99	0	93	6
Dispatchable	2024	1	10	108	0	130.5	0
Dispatchable	2024	1	11	114	0	130.5	0
Dispatchable	2024	1	12	115	0	130.5	0
Dispatchable	2024	1	13	112	0	130.5	0
Dispatchable	2024	1	14	118	0	130.5	0
Dispatchable	2024	1	15	113	0	130.5	0
Dispatchable	2024	1	16	117	0	130.5	0
Dispatchable	2024	1	17	115	0	130.5	0
Dispatchable	2024	1	18	119	0	130.5	0
Dispatchable	2024	1	19	118	0	130.5	0
Dispatchable	2024	1	20	114	0	130.5	0
Dispatchable	2024	1	21	110	0	130.5	0
Dispatchable	2024	1	22	105	0	93	12
Dispatchable	2024	1	23	97	0	93	4
Dispatchable	2024	1	24	87	0	93	0
Dispatchable	2024	2	1	93	0	130.5	0
Dispatchable	2024	2	2	92	0	130.5	0
Dispatchable	2024	2	3	89	0	130.5	0
Dispatchable	2024	2	4	88	0	130.5	0
Dispatchable	2024	2	5	89	0	130.5	0
Dispatchable	2024	2	6	93	0	130.5	0
Dispatchable	2024	2	7	93	0	130.5	0
Dispatchable	2024	2	8	96	0	130.5	0
Dispatchable	2024	2	9	107	0	130.5	0
Dispatchable	2024	2	10	114	0	130.5	0
Dispatchable	2024	2	11	118	0	130.5	0
Dispatchable	2024	2	12	118	0	130.5	0
Dispatchable	2024	2	13	120	0	130.5	0
Dispatchable	2024	2	14	124	0	130.5	0
Dispatchable	2024	2	15	124	0	130.5	0
Dispatchable	2024	2	16	122	0	130.5	0
Dispatchable	2024	2	17	117	0	130.5	0
Dispatchable	2024	2	18	119	0	130.5	0
Dispatchable	2024	2	19	122	0	130.5	0
Dispatchable	2024	2	20	118	0	130.5	0
Dispatchable	2024	2	21	116	0	130.5	0
Dispatchable	2024	2	22	114	0	130.5	0
Dispatchable	2024	2	23	107	0	130.5	0
Dispatchable	2024	2	24	99	0	130.5	0
Dispatchable	2024	3	1	99	0	130.5	0
Dispatchable	2024	3	2	95	0	130.5	0
Dispatchable	2024	3	3	92	0	130.5	0
Dispatchable	2024	3	4	90	0	130.5	0
Dispatchable	2024	3	5	91	0	130.5	0
Dispatchable	2024	3	6	95	0	130.5	0
Dispatchable	2024	3	7	97	0	130.5	0
Dispatchable	2024	3	8	105	0	130.5	0
Dispatchable	2024	3	9	116	0	130.5	0
Dispatchable	2024	3	10	121	0	130.5	0
Dispatchable	2024	3	11	126	0	130.5	0
Dispatchable	2024	3	12	128	0	130.5	0
Dispatchable	2024	3	13	127	0	130.5	0
Dispatchable	2024	3	14	133	0	130.5	2.5
Dispatchable	2024	3	15	131	0	130.5	0.5
Dispatchable	2024	3	16	129	0	130.5	0
Dispatchable	2024	3	17	125	0	130.5	0
Dispatchable	2024	3	18	124	0	130.5	0
Dispatchable	2024	3	19	126	0	130.5	0
Dispatchable	2024	3	20	121	0	130.5	0
Dispatchable	2024	3	21	117	0	130.5	0
Dispatchable	2024	3	22	111	0	130.5	0

NOTE: DR Requirement is based on the computed AS Levels from the 2021-2022 average historical net scheduled capacity of the second highest generating units online, per month and per hour. CSP Awarded Capacities to be Contracted are based on the awarded contracts of the 1st 2023 CSP. Capacity to Procure/Bid is based on the difference of the Required DR, Firm Contracted Capacity and CSP Awarded Capacities to be Contracted.

ANNEX C One (1) Year Projected AS Capacity to Procure under CSP for Mindanao Grid

Reserve Type	YEAR	MONTH	HOUR	Required AS Level	Firm Contracted Capacity (MW)	CSP Awarded Capacities to be Contracted	Capacity to Procure / Bid
Dispatchable	2024	3	23	111	0	130.5	0
Dispatchable	2024	3	24	104	0	130.5	0
Dispatchable	2024	4	1	93	0	130.5	0
Dispatchable	2024	4	2	91	0	130.5	0
Dispatchable	2024	4	3	89	0	130.5	0
Dispatchable	2024	4	4	88	0	130.5	0
Dispatchable	2024	4	5	88	0	130.5	0
Dispatchable	2024	4	6	91	0	130.5	0
Dispatchable	2024	4	7	93	0	130.5	0
Dispatchable	2024	4	8	97	0	130.5	0
Dispatchable	2024	4	9	108	0	130.5	0
Dispatchable	2024	4	10	115	0	130.5	0
Dispatchable	2024	4	11	119	0	130.5	0
Dispatchable	2024	4	12	121	0	130.5	0
Dispatchable	2024	4	13	118	0	130.5	0
Dispatchable	2024	4	14	126	0	130.5	0
Dispatchable	2024	4	15	125	0	130.5	0
Dispatchable	2024	4	16	122	0	130.5	0
Dispatchable	2024	4	17	119	0	130.5	0
Dispatchable	2024	4	18	117	0	130.5	0
Dispatchable	2024	4	19	121	0	130.5	0
Dispatchable	2024	4	20	118	0	130.5	0
Dispatchable	2024	4	21	115	0	130.5	0
Dispatchable	2024	4	22	109	0	130.5	0
Dispatchable	2024	4	23	106	0	130.5	0
Dispatchable	2024	4	24	99	0	130.5	0
Dispatchable	2024	5	1	101	0	130.5	0
Dispatchable	2024	5	2	97	0	130.5	0
Dispatchable	2024	5	3	92	0	130.5	0
Dispatchable	2024	5	4	91	0	130.5	0
Dispatchable	2024	5	5	91	0	130.5	0
Dispatchable	2024	5	6	94	0	130.5	0
Dispatchable	2024	5	7	96	0	130.5	0
Dispatchable	2024	5	8	98	0	130.5	0
Dispatchable	2024	5	9	110	0	130.5	0
Dispatchable	2024	5	10	115	0	130.5	0
Dispatchable	2024	5	11	121	0	130.5	0
Dispatchable	2024	5	12	123	0	130.5	0
Dispatchable	2024	5	13	124	0	130.5	0
Dispatchable	2024	5	14	128	0	130.5	0
Dispatchable	2024	5	15	129	0	130.5	0
Dispatchable	2024	5	16	125	0	130.5	0
Dispatchable	2024	5	17	121	0	130.5	0
Dispatchable	2024	5	18	121	0	130.5	0
Dispatchable	2024	5	19	124	0	130.5	0
Dispatchable	2024	5	20	122	0	130.5	0
Dispatchable	2024	5	21	119	0	130.5	0
Dispatchable	2024	5	22	112	0	130.5	0
Dispatchable	2024	5	23	111	0	130.5	0
Dispatchable	2024	5	24	105	0	130.5	0
Dispatchable	2024	6	1	104	0	130.5	0
Dispatchable	2024	6	2	102	0	130.5	0
Dispatchable	2024	6	3	97	0	130.5	0
Dispatchable	2024	6	4	94	0	130.5	0
Dispatchable	2024	6	5	95	0	130.5	0
Dispatchable	2024	6	6	99	0	130.5	0
Dispatchable	2024	6	7	99	0	130.5	0
Dispatchable	2024	6	8	102	0	130.5	0
Dispatchable	2024	6	9	115	0	130.5	0
Dispatchable	2024	6	10	121	0	130.5	0
Dispatchable	2024	6	11	125	0	130.5	0
Dispatchable	2024	6	12	127	0	130.5	0
Dispatchable	2024	6	13	126	0	130.5	0
Dispatchable	2024	6	14	129	0	130.5	0
Dispatchable	2024	6	15	129	0	130.5	0
Dispatchable	2024	6	16	128	0	130.5	0
Dispatchable	2024	6	17	125	0	130.5	0
Dispatchable	2024	6	18	125	0	130.5	0
Dispatchable	2024	6	19	129	0	130.5	0
Dispatchable	2024	6	20	127	0	130.5	0

NOTE: DR Requirement is based on the computed AS Levels from the 2021-2022 average historical net scheduled capacity of the second highest generating units online, per month and per hour. CSP Awarded Capacities to be Contracted are based on the awarded contracts of the 1st 2023 CSP. Capacity to Procure/Bid is based on the difference of the Required DR, Firm Contracted Capacity and CSP Awarded Capacities to be Contracted.

ANNEX C One (1) Year Projected AS Capacity to Procure under CSP for Mindanao Grid

Reserve Type	YEAR	MONTH	HOUR	Required AS Level	Firm Contracted Capacity (MW)	CSP Awarded Capacities to be Contracted	Capacity to Procure / Bid
Dispatchable	2024	6	21	123	0	130.5	0
Dispatchable	2024	6	22	114	0	130.5	0
Dispatchable	2024	6	23	114	0	130.5	0
Dispatchable	2024	6	24	108	0	130.5	0
Dispatchable	2024	7	1	94	0	130.5	0
Dispatchable	2024	7	2	91	0	130.5	0
Dispatchable	2024	7	3	88	0	130.5	0
Dispatchable	2024	7	4	87	0	130.5	0
Dispatchable	2024	7	5	87	0	130.5	0
Dispatchable	2024	7	6	90	0	130.5	0
Dispatchable	2024	7	7	93	0	130.5	0
Dispatchable	2024	7	8	98	0	130.5	0
Dispatchable	2024	7	9	115	0	130.5	0
Dispatchable	2024	7	10	119	0	130.5	0
Dispatchable	2024	7	11	123	0	130.5	0
Dispatchable	2024	7	12	125	0	130.5	0
Dispatchable	2024	7	13	125	0	130.5	0
Dispatchable	2024	7	14	127	0	130.5	0
Dispatchable	2024	7	15	128	0	130.5	0
Dispatchable	2024	7	16	126	0	130.5	0
Dispatchable	2024	7	17	123	0	130.5	0
Dispatchable	2024	7	18	122	0	130.5	0
Dispatchable	2024	7	19	126	0	130.5	0
Dispatchable	2024	7	20	122	0	130.5	0
Dispatchable	2024	7	21	119	0	130.5	0
Dispatchable	2024	7	22	113	0	130.5	0
Dispatchable	2024	7	23	114	0	130.5	0
Dispatchable	2024	7	24	103	0	130.5	0
Dispatchable	2024	8	1	97	0	130.5	0
Dispatchable	2024	8	2	95	0	130.5	0
Dispatchable	2024	8	3	91	0	130.5	0
Dispatchable	2024	8	4	89	0	130.5	0
Dispatchable	2024	8	5	89	0	130.5	0
Dispatchable	2024	8	6	93	0	130.5	0
Dispatchable	2024	8	7	92	0	130.5	0
Dispatchable	2024	8	8	99	0	130.5	0
Dispatchable	2024	8	9	114	0	130.5	0
Dispatchable	2024	8	10	118	0	130.5	0
Dispatchable	2024	8	11	122	0	130.5	0
Dispatchable	2024	8	12	125	0	130.5	0
Dispatchable	2024	8	13	125	0	130.5	0
Dispatchable	2024	8	14	127	0	130.5	0
Dispatchable	2024	8	15	128	0	130.5	0
Dispatchable	2024	8	16	125	0	130.5	0
Dispatchable	2024	8	17	122	0	130.5	0
Dispatchable	2024	8	18	120	0	130.5	0
Dispatchable	2024	8	19	125	0	130.5	0
Dispatchable	2024	8	20	123	0	130.5	0
Dispatchable	2024	8	21	121	0	130.5	0
Dispatchable	2024	8	22	117	0	130.5	0
Dispatchable	2024	8	23	112	0	130.5	0
Dispatchable	2024	8	24	105	0	130.5	0
Dispatchable	2024	9	1	93	0	130.5	0
Dispatchable	2024	9	2	90	0	130.5	0
Dispatchable	2024	9	3	87	0	130.5	0
Dispatchable	2024	9	4	86	0	130.5	0
Dispatchable	2024	9	5	87	0	130.5	0
Dispatchable	2024	9	6	91	0	130.5	0
Dispatchable	2024	9	7	90	0	130.5	0
Dispatchable	2024	9	8	93	0	130.5	0
Dispatchable	2024	9	9	105	0	130.5	0
Dispatchable	2024	9	10	110	0	130.5	0
Dispatchable	2024	9	11	115	0	130.5	0
Dispatchable	2024	9	12	118	0	130.5	0
Dispatchable	2024	9	13	118	0	130.5	0
Dispatchable	2024	9	14	124	0	130.5	0
Dispatchable	2024	9	15	124	0	130.5	0
Dispatchable	2024	9	16	120	0	130.5	0
Dispatchable	2024	9	17	115	0	130.5	0
Dispatchable	2024	9	18	116	0	130.5	0

NOTE: DR Requirement is based on the computed AS Levels from the 2021-2022 average historical net scheduled capacity of the second highest generating units online, per month and per hour. CSP Awarded Capacities to be Contracted are based on the awarded contracts of the 1st 2023 CSP. Capacity to Procure/Bid is based on the difference of the Required DR, Firm Contracted Capacity and CSP Awarded Capacities to be Contracted.

ANNEX C One (1) Year Projected AS Capacity to Procure under CSP for Mindanao Grid

Reserve Type	YEAR	MONTH	HOUR	Required AS Level	Firm Contracted Capacity (MW)	CSP Awarded Capacities to be Contracted	Capacity to Procure / Bid
Dispatchable	2024	9	19	120	0	130.5	0
Dispatchable	2024	9	20	117	0	130.5	0
Dispatchable	2024	9	21	114	0	130.5	0
Dispatchable	2024	9	22	107	0	130.5	0
Dispatchable	2024	9	23	103	0	130.5	0
Dispatchable	2024	9	24	97	0	130.5	0
Dispatchable	2024	10	1	90	0	130.5	0
Dispatchable	2024	10	2	87	0	130.5	0
Dispatchable	2024	10	3	85	0	130.5	0
Dispatchable	2024	10	4	84	0	130.5	0
Dispatchable	2024	10	5	86	0	130.5	0
Dispatchable	2024	10	6	89	0	130.5	0
Dispatchable	2024	10	7	88	0	130.5	0
Dispatchable	2024	10	8	90	0	130.5	0
Dispatchable	2024	10	9	106	0	130.5	0
Dispatchable	2024	10	10	112	0	130.5	0
Dispatchable	2024	10	11	119	0	130.5	0
Dispatchable	2024	10	12	120	0	130.5	0
Dispatchable	2024	10	13	120	0	130.5	0
Dispatchable	2024	10	14	125	0	130.5	0
Dispatchable	2024	10	15	125	0	130.5	0
Dispatchable	2024	10	16	122	0	130.5	0
Dispatchable	2024	10	17	119	0	130.5	0
Dispatchable	2024	10	18	123	0	130.5	0
Dispatchable	2024	10	19	124	0	130.5	0
Dispatchable	2024	10	20	122	0	130.5	0
Dispatchable	2024	10	21	117	0	130.5	0
Dispatchable	2024	10	22	109	0	130.5	0
Dispatchable	2024	10	23	102	0	130.5	0
Dispatchable	2024	10	24	96	0	130.5	0
Dispatchable	2024	11	1	93	0	130.5	0
Dispatchable	2024	11	2	90	0	130.5	0
Dispatchable	2024	11	3	87	0	130.5	0
Dispatchable	2024	11	4	87	0	130.5	0
Dispatchable	2024	11	5	87	0	130.5	0
Dispatchable	2024	11	6	90	0	130.5	0
Dispatchable	2024	11	7	88	0	130.5	0
Dispatchable	2024	11	8	96	0	130.5	0
Dispatchable	2024	11	9	110	0	130.5	0
Dispatchable	2024	11	10	117	0	130.5	0
Dispatchable	2024	11	11	122	0	130.5	0
Dispatchable	2024	11	12	123	0	130.5	0
Dispatchable	2024	11	13	124	0	130.5	0
Dispatchable	2024	11	14	128	0	130.5	0
Dispatchable	2024	11	15	127	0	130.5	0
Dispatchable	2024	11	16	126	0	130.5	0
Dispatchable	2024	11	17	122	0	130.5	0
Dispatchable	2024	11	18	125	0	130.5	0
Dispatchable	2024	11	19	125	0	130.5	0
Dispatchable	2024	11	20	123	0	130.5	0
Dispatchable	2024	11	21	118	0	130.5	0
Dispatchable	2024	11	22	109	0	130.5	0
Dispatchable	2024	11	23	104	0	130.5	0
Dispatchable	2024	11	24	99	0	130.5	0
Dispatchable	2024	12	1	88	0	130.5	0
Dispatchable	2024	12	2	85	0	130.5	0
Dispatchable	2024	12	3	83	0	130.5	0
Dispatchable	2024	12	4	82	0	130.5	0
Dispatchable	2024	12	5	83	0	130.5	0
Dispatchable	2024	12	6	86	0	130.5	0
Dispatchable	2024	12	7	84	0	130.5	0
Dispatchable	2024	12	8	87	0	130.5	0
Dispatchable	2024	12	9	99	0	130.5	0
Dispatchable	2024	12	10	106	0	130.5	0
Dispatchable	2024	12	11	114	0	130.5	0
Dispatchable	2024	12	12	116	0	130.5	0
Dispatchable	2024	12	13	116	0	130.5	0
Dispatchable	2024	12	14	120	0	130.5	0
Dispatchable	2024	12	15	120	0	130.5	0
Dispatchable	2024	12	16	117	0	130.5	0

NOTE: DR Requirement is based on the computed AS Levels from the 2021-2022 average historical net scheduled capacity of the second highest generating units online, per month and per hour. CSP Awarded Capacities to be Contracted are based on the awarded contracts of the 1st 2023 CSP. Capacity to Procure/Bid is based on the difference of the Required DR, Firm Contracted Capacity and CSP Awarded Capacities to be Contracted.

ANNEX C One (1) Year Projected AS Capacity to Procure under CSP for Mindanao Grid

Reserve Type	YEAR	MONTH	HOUR	Required AS Level	Firm Contracted Capacity (MW)	CSP Awarded Capacities to be Contracted	Capacity to Procure / Bid
Dispatchable	2024	12	17	113	0	130.5	0
Dispatchable	2024	12	18	119	0	130.5	0
Dispatchable	2024	12	19	116	0	130.5	0
Dispatchable	2024	12	20	111	0	130.5	0
Dispatchable	2024	12	21	107	0	130.5	0
Dispatchable	2024	12	22	102	0	130.5	0
Dispatchable	2024	12	23	100	0	130.5	0
Dispatchable	2024	12	24	91	0	130.5	0

NOTE: DR Requirement is based on the computed AS Levels from the 2021-2022 average historical net scheduled capacity of the second highest generating units online, per month and per hour. CSP Awarded Capacities to be Contracted are based on the awarded contracts of the 1st 2023 CSP. Capacity to Procure/Bid is based on the difference of the Required DR, Firm Contracted Capacity and CSP Awarded Capacities to be Contracted.