

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/22/2019	1	44	106	106
1/22/2019	2	43	106	106
1/22/2019	3	41	106	106
1/22/2019	4	41	106	106
1/22/2019	5	43	106	106
1/22/2019	6	47	121	121
1/22/2019	7	45	110	110
1/22/2019	8	48	117	117
1/22/2019	9	57	124	124
1/22/2019	10	62	129	129
1/22/2019	11	65	129	129
1/22/2019	12	62	129	129
1/22/2019	13	63	129	129
1/22/2019	14	67	129	129
1/22/2019	15	65	129	129
1/22/2019	16	63	125	125
1/22/2019	17	63	127	127
1/22/2019	18	67	127	127
1/22/2019	19	65	133	133
1/22/2019	20	62	131	131
1/22/2019	21	60	128	128
1/22/2019	22	55	135	135
1/22/2019	23	50	133	133
1/22/2019	24	47	115	115
1/23/2019	1	45	107	107
1/23/2019	2	44	107	107
1/23/2019	3	42	107	107
1/23/2019	4	42	107	107
1/23/2019	5	44	107	107
1/23/2019	6	47	108	108
1/23/2019	7	45	112	112
1/23/2019	8	48	115	115
1/23/2019	9	56	122	122
1/23/2019	10	61	130	130
1/23/2019	11	64	130	130
1/23/2019	12	63	130	130
1/23/2019	13	62	131	131
1/23/2019	14	66	131	131
1/23/2019	15	65	131	131
1/23/2019	16	64	127	127
1/23/2019	17	63	127	127
1/23/2019	18	67	126	126
1/23/2019	19	66	127	127
1/23/2019	20	64	127	127
1/23/2019	21	61	127	127
1/23/2019	22	57	125	125
1/23/2019	23	52	123	123
1/23/2019	24	48	117	117
1/24/2019	1	46	106	106
1/24/2019	2	44	106	106
1/24/2019	3	43	97	97
1/24/2019	4	43	96	96
1/24/2019	5	44	106	106
1/24/2019	6	48	107	107
1/24/2019	7	45	111	111
1/24/2019	8	49	114	114
1/24/2019	9	57	122	122
1/24/2019	10	63	130	130
1/24/2019	11	66	130	130
1/24/2019	12	65	130	130
1/24/2019	13	66	131	131
1/24/2019	14	68	132	132
1/24/2019	15	67	132	132
1/24/2019	16	66	128	128
1/24/2019	17	65	128	128

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/24/2019	18	70	128	128
1/24/2019	19	67	128	128
1/24/2019	20	65	128	128
1/24/2019	21	61	128	128
1/24/2019	22	56	125	125
1/24/2019	23	52	122	122
1/24/2019	24	48	116	116
1/25/2019	1	46	111	111
1/25/2019	2	45	110	110
1/25/2019	3	43	109	109
1/25/2019	4	43	110	110
1/25/2019	5	45	111	111
1/25/2019	6	49	112	112
1/25/2019	7	46	112	112
1/25/2019	8	49	114	114
1/25/2019	9	57	121	121
1/25/2019	10	63	128	128
1/25/2019	11	67	129	129
1/25/2019	12	66	129	129
1/25/2019	13	66	129	129
1/25/2019	14	68	129	129
1/25/2019	15	67	129	129
1/25/2019	16	66	125	125
1/25/2019	17	64	125	125
1/25/2019	18	68	125	125
1/25/2019	19	66	125	125
1/25/2019	20	64	125	125
1/25/2019	21	61	125	125
1/25/2019	22	56	117	117
1/25/2019	23	51	115	115
1/25/2019	24	47	112	112
1/26/2019	1	45	115	115
1/26/2019	2	44	115	115
1/26/2019	3	42	114	114
1/26/2019	4	42	114	114
1/26/2019	5	42	115	115
1/26/2019	6	44	115	115
1/26/2019	7	44	115	115
1/26/2019	8	47	115	115
1/26/2019	9	52	123	123
1/26/2019	10	56	131	131
1/26/2019	11	59	132	132
1/26/2019	12	57	132	132
1/26/2019	13	58	133	133
1/26/2019	14	60	133	133
1/26/2019	15	58	132	132
1/26/2019	16	58	128	128
1/26/2019	17	58	128	128
1/26/2019	18	62	128	128
1/26/2019	19	62	129	129
1/26/2019	20	60	129	129
1/26/2019	21	57	129	129
1/26/2019	22	54	119	119
1/26/2019	23	48	117	117
1/26/2019	24	46	116	116
1/27/2019	1	43	106	106
1/27/2019	2	42	106	100
1/27/2019	3	40	106	96
1/27/2019	4	40	103	90
1/27/2019	5	41	106	90
1/27/2019	6	41	108	90
1/27/2019	7	42	112	98
1/27/2019	8	43	116	99
1/27/2019	9	46	122	100
1/27/2019	10	49	128	118

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/27/2019	11	51	129	129
1/27/2019	12	52	129	129
1/27/2019	13	52	129	129
1/27/2019	14	52	129	129
1/27/2019	15	52	128	128
1/27/2019	16	52	124	124
1/27/2019	17	52	124	124
1/27/2019	18	59	125	125
1/27/2019	19	59	126	126
1/27/2019	20	57	126	126
1/27/2019	21	54	126	126
1/27/2019	22	51	117	117
1/27/2019	23	46	113	
1/27/2019	24	44	112	102
1/28/2019	1	43	98	96
1/28/2019	2	42	95	95
1/28/2019	3	40	93	93
1/28/2019	4	40	93	92
1/28/2019	5	42	97	96
1/28/2019	6	46	113	113
1/28/2019	7	43	102	102
1/28/2019	8	47	117	117
1/28/2019	9	57	124	124
1/28/2019	10	63	132	132
1/28/2019	11	66	132	132
1/28/2019	12	65	132	132
1/28/2019	13	65	133	133
1/28/2019	14	68	133	133
1/28/2019	15	67	132	132
1/28/2019	16	64	128	128
1/28/2019	17	63	128	128
1/28/2019	18	68	128	128
1/28/2019	19	66	128	128
1/28/2019	20	63	128	128
1/28/2019	21	61	128	128
1/28/2019	22	56	122	122
1/28/2019	23	52	116	116
1/28/2019	24	45	103	103
1/30/2019	1	45	115	115
1/30/2019	2	44	115	115
1/30/2019	3	42	101	101
1/30/2019	4	41	94	92
1/30/2019	5	44	115	115
1/30/2019	6	47	115	115
1/30/2019	7	45	115	115
1/30/2019	8	49	115	115
1/30/2019	9	57	114	114
1/30/2019	10	63	132	132
1/30/2019	11	65	132	132
1/30/2019	12	65	132	132
1/30/2019	13	65	132	132
1/30/2019	14	68	132	132
1/30/2019	15	67	134	134
1/30/2019	16	66	130	130
1/30/2019	17	64	130	130
1/30/2019	18	68	130	130
1/30/2019	19	67	130	130
1/30/2019	20	64	130	130
1/30/2019	21	62	130	130
1/30/2019	22	57	122	122
1/30/2019	23	52	117	117
1/30/2019	24	48	116	116
1/31/2019	1	42	109	96
1/31/2019	2	41	96	96
1/31/2019	3	40	96	94

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/31/2019	4	39	96	88
1/31/2019	5	42	114	99
1/31/2019	6	45	115	115
1/31/2019	7	43	115	106
1/31/2019	8	47	115	115
1/31/2019	9	56	114	114
1/31/2019	10	61	132	132
1/31/2019	11	64	132	132
1/31/2019	12	63	132	132
1/31/2019	13	62	132	132
1/31/2019	14	65	132	132
1/31/2019	15	64	133	133
1/31/2019	16	63	130	130
1/31/2019	17	61	129	129
1/31/2019	18	66	130	130
1/31/2019	19	64	130	130
1/31/2019	20	62	130	130
1/31/2019	21	58	130	130
1/31/2019	22	52	122	122
1/31/2019	23	48	117	117
1/31/2019	24	45	116	116
2/1/2019	1	41	96	89
2/1/2019	2	40	83	83
2/1/2019	3	39	80	80
2/1/2019	4	39	83	83
2/1/2019	5	42	111	96
2/1/2019	6	47	115	115
2/1/2019	7	44	114	114
2/1/2019	8	47	115	115
2/1/2019	9	55	113	113
2/1/2019	10	59	133	133
2/1/2019	11	63	133	133
2/1/2019	12	61	133	133
2/1/2019	13	62	133	133
2/1/2019	14	64	133	133
2/1/2019	15	63	133	133
2/1/2019	16	63	129	129
2/1/2019	17	61	129	129
2/1/2019	18	65	131	131
2/1/2019	19	63	131	131
2/1/2019	20	60	131	131
2/1/2019	21	57	129	129
2/1/2019	22	51	121	121
2/1/2019	23	48	116	116
2/1/2019	24	44	115	113
2/2/2019	1	40	96	88
2/2/2019	2	39	88	88
2/2/2019	3	38	88	87
2/2/2019	4	38	88	88
2/2/2019	5	41	108	102
2/2/2019	6	43	109	109
2/2/2019	7	44	109	109
2/2/2019	8	45	109	109
2/2/2019	9	51	122	122
2/2/2019	10	55	132	132
2/2/2019	11	57	133	133
2/2/2019	12	56	133	133
2/2/2019	13	57	133	133
2/2/2019	14	58	133	133
2/2/2019	15	57	133	133
2/2/2019	16	56	129	129
2/2/2019	17	58	130	130
2/2/2019	18	61	131	131
2/2/2019	19	59	131	131
2/2/2019	20	55	131	131

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/2/2019	21	52	130	130
2/2/2019	22	50	120	120
2/2/2019	23	45	106	105
2/2/2019	24	44	114	114
2/3/2019	1	40	93	93
2/3/2019	2	38	83	83
2/3/2019	3	37	83	83
2/3/2019	4	37	83	83
2/3/2019	5	38	83	83
2/3/2019	6	39	93	90
2/3/2019	7	40	93	91
2/3/2019	8	40	93	91
2/3/2019	9	42	93	93
2/3/2019	10	44	100	100
2/3/2019	11	48	128	105
2/3/2019	12	47	124	105
2/3/2019	13	47	124	105
2/3/2019	14	47	118	105
2/3/2019	15	47	119	105
2/3/2019	16	45	100	100
2/3/2019	17	47	125	105
2/3/2019	18	53	126	126
2/3/2019	19	56	130	130
2/3/2019	20	53	130	130
2/3/2019	21	51	128	128
2/3/2019	22	47	119	119
2/3/2019	23	43	116	
2/3/2019	24	40	111	111
2/4/2019	1	38	88	88
2/4/2019	2	37	84	84
2/4/2019	3	37	81	80
2/4/2019	4	37	79	79
2/4/2019	5	39	88	88
2/4/2019	6	45	113	113
2/4/2019	7	42	101	101
2/4/2019	8	46	113	113
2/4/2019	9	54	122	122
2/4/2019	10	58	132	132
2/4/2019	11	61	132	132
2/4/2019	12	60	132	132
2/4/2019	13	60	132	132
2/4/2019	14	63	132	132
2/4/2019	15	62	132	132
2/4/2019	16	61	129	129
2/4/2019	17	60	129	129
2/4/2019	18	65	130	130
2/4/2019	19	64	131	131
2/4/2019	20	61	131	131
2/4/2019	21	57	130	130
2/4/2019	22	52	122	122
2/4/2019	23	48	117	117
2/4/2019	24	43	103	103
2/5/2019	1	44	119	116
2/5/2019	2	42	102	102
2/5/2019	3	41	100	100
2/5/2019	4	41	99	99
2/5/2019	5	41	98	98
2/5/2019	6	42	98	93
2/5/2019	7	40	93	93
2/5/2019	8	46	117	117
2/5/2019	9	50	119	119
2/5/2019	10	56	126	126
2/5/2019	11	59	129	129
2/5/2019	12	58	129	129
2/5/2019	13	58	129	129

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/5/2019	14	60	129	129
2/5/2019	15	58	129	129
2/5/2019	16	58	125	125
2/5/2019	17	57	125	125
2/5/2019	18	63	126	126
2/5/2019	19	61	130	130
2/5/2019	20	59	129	129
2/5/2019	21	56	127	127
2/5/2019	22	51	133	133
2/5/2019	23	47	122	121
2/5/2019	24	44	105	102
2/6/2019	1	45	122	122
2/6/2019	2	44	114	114
2/6/2019	3	43	113	113
2/6/2019	4	42	111	111
2/6/2019	5	44	112	112
2/6/2019	6	48	122	122
2/6/2019	7	45	122	122
2/6/2019	8	49	120	120
2/6/2019	9	58	124	124
2/6/2019	10	63	130	130
2/6/2019	11	66	130	130
2/6/2019	12	64	131	131
2/6/2019	13	66	131	131
2/6/2019	14	67	131	131
2/6/2019	15	66	132	132
2/6/2019	16	66	128	128
2/6/2019	17	63	128	128
2/6/2019	18	68	129	129
2/6/2019	19	66	133	133
2/6/2019	20	64	130	130
2/6/2019	21	61	128	128
2/6/2019	22	56	135	135
2/6/2019	23	52	133	
2/6/2019	24	48	128	128
2/7/2019	1	44	115	115
2/7/2019	2	43	113	101
2/7/2019	3	42	103	99
2/7/2019	4	42	103	96
2/7/2019	5	44	113	113
2/7/2019	6	48	114	114
2/7/2019	7	45	114	114
2/7/2019	8	48	115	115
2/7/2019	9	57	123	123
2/7/2019	10	62	131	131
2/7/2019	11	66	132	132
2/7/2019	12	64	132	132
2/7/2019	13	65	132	132
2/7/2019	14	67	132	132
2/7/2019	15	67	133	133
2/7/2019	16	66	129	129
2/7/2019	17	64	129	129
2/7/2019	18	69	138	131
2/7/2019	19	67	131	131
2/7/2019	20	65	131	131
2/7/2019	21	62	129	129
2/7/2019	22	57	122	122
2/7/2019	23	52	116	116
2/7/2019	24	47	115	115
2/8/2019	1	45	114	114
2/8/2019	2	44	113	113
2/8/2019	3	43	112	112
2/8/2019	4	43	112	112
2/8/2019	5	44	114	114
2/8/2019	6	48	115	115

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/8/2019	7	46	115	115
2/8/2019	8	49	115	115
2/8/2019	9	59	120	120
2/8/2019	10	64	128	128
2/8/2019	11	66	129	129
2/8/2019	12	66	129	129
2/8/2019	13	66	129	129
2/8/2019	14	68	129	129
2/8/2019	15	67	129	129
2/8/2019	16	65	125	125
2/8/2019	17	64	125	125
2/8/2019	18	67	126	126
2/8/2019	19	68	126	126
2/8/2019	20	63	126	126
2/8/2019	21	60	125	125
2/8/2019	22	55	116	116
2/8/2019	23	51	117	
2/8/2019	24	47	116	116
2/9/2019	1	45	114	114
2/9/2019	2	43	113	113
2/9/2019	3	43	112	112
2/9/2019	4	42	112	112
2/9/2019	5	42	113	113
2/9/2019	6	45	114	114
2/9/2019	7	45	114	114
2/9/2019	8	47	114	114
2/9/2019	9	52	118	118
2/9/2019	10	56	126	126
2/9/2019	11	59	126	126
2/9/2019	12	58	127	127
2/9/2019	13	59	128	128
2/9/2019	14	60	128	128
2/9/2019	15	60	128	128
2/9/2019	16	59	124	124
2/9/2019	17	58	123	123
2/9/2019	18	63	125	125
2/9/2019	19	63	126	126
2/9/2019	20	61	126	126
2/9/2019	21	57	125	125
2/9/2019	22	54	116	116
2/9/2019	23	49	116	116
2/9/2019	24	45	109	104
2/10/2019	1	44	113	113
2/10/2019	2	43	105	105
2/10/2019	3	41	103	103
2/10/2019	4	41	97	97
2/10/2019	5	41	99	99
2/10/2019	6	42	113	111
2/10/2019	7	43	113	113
2/10/2019	8	44	113	113
2/10/2019	9	47	111	111
2/10/2019	10	50	124	124
2/10/2019	11	53	124	124
2/10/2019	12	52	124	124
2/10/2019	13	53	126	126
2/10/2019	14	53	126	126
2/10/2019	15	52	126	126
2/10/2019	16	52	122	122
2/10/2019	17	52	122	122
2/10/2019	18	59	123	123
2/10/2019	19	60	125	125
2/10/2019	20	59	125	125
2/10/2019	21	56	123	123
2/10/2019	22	52	114	114
2/10/2019	23	48	116	

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/10/2019	24	45	115	115
2/11/2019	1	42	113	113
2/11/2019	2	41	98	98
2/11/2019	3	40	98	88
2/11/2019	4	40	98	88
2/11/2019	5	42	113	113
2/11/2019	6	46	114	114
2/11/2019	7	43	114	114
2/11/2019	8	48	114	114
2/11/2019	9	56	118	118
2/11/2019	10	62	126	126
2/11/2019	11	65	127	127
2/11/2019	12	64	127	127
2/11/2019	13	64	128	128
2/11/2019	14	66	128	128
2/11/2019	15	65	128	128
2/11/2019	16	64	125	125
2/11/2019	17	62	125	125
2/11/2019	18	66	125	125
2/11/2019	19	67	125	125
2/11/2019	20	64	125	125
2/11/2019	21	60	125	125
2/11/2019	22	55	116	116
2/11/2019	23	50	115	115
2/11/2019	24	46	115	115
2/12/2019	1	45	150	80
2/12/2019	2	43	150	80
2/12/2019	3	42	150	79
2/12/2019	4	41	150	79
2/12/2019	5	44	150	79
2/12/2019	6	46	150	81
2/12/2019	7	45	150	84
2/12/2019	8	50	150	88
2/12/2019	9	58	150	123
2/12/2019	10	63	150	130
2/12/2019	11	66	150	130
2/12/2019	12	64	150	131
2/12/2019	13	65	150	131
2/12/2019	14	68	150	131
2/12/2019	15	67	150	131
2/12/2019	16	66	150	127
2/12/2019	17	64	150	127
2/12/2019	18	68	150	127
2/12/2019	19	67	150	128
2/12/2019	20	65	150	127
2/12/2019	21	61	150	127
2/12/2019	22	55	150	118
2/12/2019	23	50	150	114
2/12/2019	24	47	150	85
2/13/2019	1	45	150	79
2/13/2019	2	43	150	79
2/13/2019	3	42	150	79
2/13/2019	4	41	150	79
2/13/2019	5	44	150	79
2/13/2019	6	48	150	80
2/13/2019	7	45	150	84
2/13/2019	8	49	150	115
2/13/2019	9	58	150	122
2/13/2019	10	63	150	131
2/13/2019	11	66	150	131
2/13/2019	12	65	150	132
2/13/2019	13	64	150	132
2/13/2019	14	68	150	132
2/13/2019	15	66	150	132
2/13/2019	16	65	150	128

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/13/2019	17	63	150	128
2/13/2019	18	67	150	128
2/13/2019	19	69	150	128
2/13/2019	20	64	150	128
2/13/2019	21	61	150	127
2/13/2019	22	56	150	119
2/13/2019	23	51	150	113
2/13/2019	24	48	150	112
2/14/2019	1	42	150	79
2/14/2019	2	41	150	79
2/14/2019	3	40	150	79
2/14/2019	4	39	135	79
2/14/2019	5	42	150	79
2/14/2019	6	46	150	80
2/14/2019	7	43	150	84
2/14/2019	8	48	150	115
2/14/2019	9	56	150	122
2/14/2019	10	63	150	129
2/14/2019	11	64	150	129
2/14/2019	12	63	150	130
2/14/2019	13	63	150	130
2/14/2019	14	66	150	130
2/14/2019	15	66	150	132
2/14/2019	16	65	150	128
2/14/2019	17	63	150	128
2/14/2019	18	65	150	128
2/14/2019	19	68	150	128
2/14/2019	20	64	150	128
2/14/2019	21	60	150	127
2/14/2019	22	55	150	119
2/14/2019	23	50	150	
2/14/2019	24	45	133	105
2/15/2019	1	43	150	78
2/15/2019	2	41	150	78
2/15/2019	3	41	150	78
2/15/2019	4	40	150	78
2/15/2019	5	42	150	78
2/15/2019	6	47	150	79
2/15/2019	7	44	150	83
2/15/2019	8	48	150	114
2/15/2019	9	56	150	121
2/15/2019	10	62	150	129
2/15/2019	11	65	150	129
2/15/2019	12	64	150	130
2/15/2019	13	64	150	130
2/15/2019	14	68	150	130
2/15/2019	15	67	150	130
2/15/2019	16	66	150	126
2/15/2019	17	63	150	126
2/15/2019	18	65	150	138
2/15/2019	19	67	150	147
2/15/2019	20	63	150	147
2/15/2019	21	60	150	147
2/15/2019	22	55	150	147
2/15/2019	23	49	150	147
2/15/2019	24	47	136	133
2/16/2019	1	45	116	116
2/16/2019	2	44	116	116
2/16/2019	3	42	115	115
2/16/2019	4	41	113	113
2/16/2019	5	42	113	113
2/16/2019	6	45	115	115
2/16/2019	7	45	115	115
2/16/2019	8	46	116	116
2/16/2019	9	51	120	120

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/16/2019	10	57	128	128
2/16/2019	11	59	131	131
2/16/2019	12	60	131	131
2/16/2019	13	58	131	131
2/16/2019	14	63	131	131
2/16/2019	15	61	131	131
2/16/2019	16	61	127	127
2/16/2019	17	58	127	127
2/16/2019	18	62	131	131
2/16/2019	19	64	134	134
2/16/2019	20	61	134	134
2/16/2019	21	59	134	134
2/16/2019	22	54	127	127
2/16/2019	23	50	127	127
2/16/2019	24	47	122	122
2/17/2019	1	44	117	117
2/17/2019	2	42	112	110
2/17/2019	3	41	111	109
2/17/2019	4	41	103	103
2/17/2019	5	41	106	106
2/17/2019	6	42	114	107
2/17/2019	7	43	114	108
2/17/2019	8	44	116	106
2/17/2019	9	46	122	110
2/17/2019	10	50	129	129
2/17/2019	11	53	129	129
2/17/2019	12	54	129	129
2/17/2019	13	55	129	129
2/17/2019	14	55	129	129
2/17/2019	15	54	129	129
2/17/2019	16	53	126	126
2/17/2019	17	52	127	127
2/17/2019	18	59	127	127
2/17/2019	19	61	134	134
2/17/2019	20	59	134	134
2/17/2019	21	57	132	132
2/17/2019	22	53	130	130
2/17/2019	23	49	130	
2/17/2019	24	47	124	124
2/18/2019	1	43	120	120
2/18/2019	2	41	111	96
2/18/2019	3	40	96	87
2/18/2019	4	40	95	88
2/18/2019	5	42	117	117
2/18/2019	6	46	119	119
2/18/2019	7	42	112	109
2/18/2019	8	48	116	116
2/18/2019	9	56	123	123
2/18/2019	10	63	130	130
2/18/2019	11	64	131	131
2/18/2019	12	63	131	131
2/18/2019	13	62	131	131
2/18/2019	14	65	131	131
2/18/2019	15	64	131	131
2/18/2019	16	63	127	127
2/18/2019	17	62	127	127
2/18/2019	18	65	127	127
2/18/2019	19	67	128	128
2/18/2019	20	63	128	128
2/18/2019	21	59	127	127
2/18/2019	22	54	119	119
2/18/2019	23	49	116	116
2/18/2019	24	44	100	100
2/19/2019	1	44	116	116
2/19/2019	2	43	115	115

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/19/2019	3	42	113	113
2/19/2019	4	41	112	112
2/19/2019	5	42	114	114
2/19/2019	6	46	116	116
2/19/2019	7	44	117	117
2/19/2019	8	48	115	115
2/19/2019	9	57	122	122
2/19/2019	10	62	131	131
2/19/2019	11	65	135	135
2/19/2019	12	64	132	132
2/19/2019	13	65	133	133
2/19/2019	14	67	135	135
2/19/2019	15	67	135	135
2/19/2019	16	65	129	129
2/19/2019	17	63	129	129
2/19/2019	18	65	131	131
2/19/2019	19	68	135	135
2/19/2019	20	63	136	136
2/19/2019	21	60	134	134
2/19/2019	22	54	131	131
2/19/2019	23	51	131	131
2/19/2019	24	47	126	126
2/20/2019	1	45	112	112
2/20/2019	2	43	112	112
2/20/2019	3	42	112	112
2/20/2019	4	41	112	112
2/20/2019	5	44	113	113
2/20/2019	6	48	113	113
2/20/2019	7	44	113	113
2/20/2019	8	49	116	116
2/20/2019	9	57	123	123
2/20/2019	10	62	132	132
2/20/2019	11	65	132	132
2/20/2019	12	64	132	132
2/20/2019	13	65	133	133
2/20/2019	14	68	133	133
2/20/2019	15	68	132	132
2/20/2019	16	66	129	129
2/20/2019	17	64	129	129
2/20/2019	18	66	129	129
2/20/2019	19	69	129	129
2/20/2019	20	66	129	129
2/20/2019	21	62	129	129
2/20/2019	22	56	118	118
2/20/2019	23	51	116	116
2/20/2019	24	48	114	114
2/21/2019	1	45	110	110
2/21/2019	2	44	110	110
2/21/2019	3	43	109	109
2/21/2019	4	42	109	109
2/21/2019	5	45	111	111
2/21/2019	6	49	111	111
2/21/2019	7	45	111	111
2/21/2019	8	49	116	116
2/21/2019	9	57	123	123
2/21/2019	10	63	132	132
2/21/2019	11	66	133	133
2/21/2019	12	64	133	133
2/21/2019	13	65	133	133
2/21/2019	14	69	133	133
2/21/2019	15	68	133	133
2/21/2019	16	67	129	129
2/21/2019	17	64	129	129
2/21/2019	18	66	129	129
2/21/2019	19	69	129	129

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/21/2019	20	66	130	130
2/21/2019	21	62	130	130
2/21/2019	22	57	118	118
2/21/2019	23	51	114	114
2/21/2019	24	48	112	112
2/22/2019	1	48	112	112
2/22/2019	2	46	112	112
2/22/2019	3	45	112	112
2/22/2019	4	44	112	112
2/22/2019	5	45	113	113
2/22/2019	6	48	114	114
2/22/2019	7	45	113	113
2/22/2019	8	49	116	116
2/22/2019	9	58	123	123
2/22/2019	10	63	132	132
2/22/2019	11	67	134	132
2/22/2019	12	66	132	132
2/22/2019	13	67	132	132
2/22/2019	14	68	132	132
2/22/2019	15	68	132	132
2/22/2019	16	67	129	129
2/22/2019	17	64	129	129
2/22/2019	18	67	129	129
2/22/2019	19	69	130	130
2/22/2019	20	66	130	130
2/22/2019	21	62	130	130
2/22/2019	22	56	118	118
2/22/2019	23	51	115	115
2/22/2019	24	49	114	114
2/23/2019	1	46	114	114
2/23/2019	2	44	113	113
2/23/2019	3	43	112	112
2/23/2019	4	42	112	112
2/23/2019	5	44	112	112
2/23/2019	6	45	114	114
2/23/2019	7	44	114	114
2/23/2019	8	48	116	116
2/23/2019	9	55	123	123
2/23/2019	10	59	131	131
2/23/2019	11	61	131	131
2/23/2019	12	60	131	131
2/23/2019	13	59	131	131
2/23/2019	14	62	131	131
2/23/2019	15	61	131	131
2/23/2019	16	60	127	127
2/23/2019	17	58	127	127
2/23/2019	18	62	128	128
2/23/2019	19	64	130	130
2/23/2019	20	62	130	130
2/23/2019	21	59	129	129
2/23/2019	22	54	116	116
2/23/2019	23	50	115	115
2/23/2019	24	47	114	114
2/24/2019	1	45	107	107
2/24/2019	2	43	106	106
2/24/2019	3	42	101	101
2/24/2019	4	41	101	101
2/24/2019	5	41	101	101
2/24/2019	6	43	102	102
2/24/2019	7	43	102	102
2/24/2019	8	44	116	116
2/24/2019	9	47	122	122
2/24/2019	10	50	129	129
2/24/2019	11	53	130	130
2/24/2019	12	54	130	130

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/24/2019	13	55	130	130
2/24/2019	14	56	130	130
2/24/2019	15	55	130	130
2/24/2019	16	54	126	126
2/24/2019	17	52	126	126
2/24/2019	18	58	127	127
2/24/2019	19	63	128	128
2/24/2019	20	60	128	128
2/24/2019	21	57	127	127
2/24/2019	22	53	116	116
2/24/2019	23	49	115	
2/24/2019	24	48	113	113
2/25/2019	1	43	105	105
2/25/2019	2	42	106	106
2/25/2019	3	41	103	103
2/25/2019	4	41	101	101
2/25/2019	5	41	102	102
2/25/2019	6	44	107	107
2/25/2019	7	45	107	107
2/25/2019	8	46	116	116
2/25/2019	9	53	123	123
2/25/2019	10	56	131	131
2/25/2019	11	60	131	131
2/25/2019	12	60	131	131
2/25/2019	13	60	131	131
2/25/2019	14	62	131	131
2/25/2019	15	61	131	131
2/25/2019	16	60	128	128
2/25/2019	17	59	128	128
2/25/2019	18	63	143	129
2/25/2019	19	65	145	133
2/25/2019	20	63	138	130
2/25/2019	21	60	128	128
2/25/2019	22	54	119	119
2/25/2019	23	50	114	114
2/25/2019	24	47	112	112
2/26/2019	1	44	111	111
2/26/2019	2	43	111	111
2/26/2019	3	42	111	111
2/26/2019	4	41	111	111
2/26/2019	5	44	112	112
2/26/2019	6	49	113	113
2/26/2019	7	45	112	112
2/26/2019	8	48	116	116
2/26/2019	9	57	123	123
2/26/2019	10	63	131	131
2/26/2019	11	65	131	131
2/26/2019	12	65	131	131
2/26/2019	13	65	131	131
2/26/2019	14	67	131	131
2/26/2019	15	66	131	131
2/26/2019	16	66	128	128
2/26/2019	17	64	128	128
2/26/2019	18	66	128	128
2/26/2019	19	68	135	135
2/26/2019	20	66	130	130
2/26/2019	21	61	128	128
2/26/2019	22	55	119	119
2/26/2019	23	51	115	115
2/26/2019	24	48	113	113
2/27/2019	1	45	112	112
2/27/2019	2	44	112	112
2/27/2019	3	42	112	112
2/27/2019	4	42	112	112
2/27/2019	5	44	113	113

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/27/2019	6	49	114	114
2/27/2019	7	45	113	113
2/27/2019	8	49	114	114
2/27/2019	9	59	121	121
2/27/2019	10	63	133	131
2/27/2019	11	66	144	144
2/27/2019	12	66	143	143
2/27/2019	13	67	149	144
2/27/2019	14	69	150	144
2/27/2019	15	68	150	142
2/27/2019	16	67	149	139
2/27/2019	17	65	144	134
2/27/2019	18	66	149	141
2/27/2019	19	69	150	144
2/27/2019	20	65	147	139
2/27/2019	21	62	135	134
2/27/2019	22	56	128	118
2/27/2019	23	52	115	115
2/27/2019	24	48	114	114
2/28/2019	1	45	118	118
2/28/2019	2	44	117	117
2/28/2019	3	42	115	115
2/28/2019	4	42	114	114
2/28/2019	5	44	115	115
2/28/2019	6	48	118	118
2/28/2019	7	45	117	117
2/28/2019	8	49	115	115
2/28/2019	9	58	132	125
2/28/2019	10	63	150	144
2/28/2019	11	67	150	144
2/28/2019	12	66	150	144
2/28/2019	13	67	150	150
2/28/2019	14	69	150	150
2/28/2019	15	69	150	150
2/28/2019	16	67	150	150
2/28/2019	17	65	150	150
2/28/2019	18	66	150	150
2/28/2019	19	69	150	150
2/28/2019	20	65	150	150
2/28/2019	21	62	146	143
2/28/2019	22	56	133	133
2/28/2019	23	51	126	126
2/28/2019	24	49	122	122
3/1/2019	1	45	116	116
3/1/2019	2	44	114	114
3/1/2019	3	42	113	113
3/1/2019	4	42	111	111
3/1/2019	5	44	112	112
3/1/2019	6	48	115	115
3/1/2019	7	44	115	115
3/1/2019	8	49	114	114
3/1/2019	9	58	130	130
3/1/2019	10	64	148	140
3/1/2019	11	67	150	143
3/1/2019	12	65	150	143
3/1/2019	13	66	150	143
3/1/2019	14	69	150	150
3/1/2019	15	68	150	150
3/1/2019	16	67	150	150
3/1/2019	17	64	150	150
3/1/2019	18	65	150	150
3/1/2019	19	68	150	150
3/1/2019	20	65	150	150
3/1/2019	21	61	147	138
3/1/2019	22	57	136	136

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/1/2019	23	50	124	124
3/1/2019	24	47	119	119
3/2/2019	1	46	136	117
3/2/2019	2	44	136	116
3/2/2019	3	43	134	115
3/2/2019	4	43	134	113
3/2/2019	5	43	134	112
3/2/2019	6	45	135	115
3/2/2019	7	45	142	115
3/2/2019	8	48	147	136
3/2/2019	9	55	147	140
3/2/2019	10	59	148	142
3/2/2019	11	63	150	144
3/2/2019	12	62	150	146
3/2/2019	13	64	150	150
3/2/2019	14	66	150	150
3/2/2019	15	66	150	150
3/2/2019	16	64	150	150
3/2/2019	17	61	150	150
3/2/2019	18	64	150	150
3/2/2019	19	66	150	150
3/2/2019	20	64	150	150
3/2/2019	21	60	150	150
3/2/2019	22	56	150	150
3/2/2019	23	51	150	
3/2/2019	24	47	149	149
3/3/2019	1	45	134	123
3/3/2019	2	44	134	120
3/3/2019	3	42	134	119
3/3/2019	4	41	134	118
3/3/2019	5	42	134	118
3/3/2019	6	43	134	119
3/3/2019	7	43	142	119
3/3/2019	8	44	147	142
3/3/2019	9	49	147	145
3/3/2019	10	53	150	150
3/3/2019	11	56	150	150
3/3/2019	12	56	150	150
3/3/2019	13	57	150	150
3/3/2019	14	58	150	150
3/3/2019	15	57	150	150
3/3/2019	16	56	150	150
3/3/2019	17	55	150	150
3/3/2019	18	59	150	150
3/3/2019	19	62	150	150
3/3/2019	20	60	150	150
3/3/2019	21	58	150	150
3/3/2019	22	54	150	150
3/3/2019	23	50	150	150
3/3/2019	24	47	147	147
3/4/2019	1	43	134	120
3/4/2019	2	42	134	118
3/4/2019	3	40	134	114
3/4/2019	4	40	134	108
3/4/2019	5	42	134	116
3/4/2019	6	46	134	118
3/4/2019	7	43	142	119
3/4/2019	8	48	147	143
3/4/2019	9	56	150	150
3/4/2019	10	62	150	150
3/4/2019	11	65	150	150
3/4/2019	12	65	150	150
3/4/2019	13	66	150	150
3/4/2019	14	68	150	150
3/4/2019	15	68	150	150

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/4/2019	16	66	150	150
3/4/2019	17	64	150	150
3/4/2019	18	65	150	150
3/4/2019	19	68	150	150
3/4/2019	20	66	150	150
3/4/2019	21	61	150	150
3/4/2019	22	56	150	150
3/4/2019	23	51	150	150
3/4/2019	24	47	148	148
3/5/2019	1	45	130	111
3/5/2019	2	43	130	110
3/5/2019	3	42	130	110
3/5/2019	4	41	130	110
3/5/2019	5	44	130	110
3/5/2019	6	48	130	112
3/5/2019	7	45	138	111
3/5/2019	8	50	140	111
3/5/2019	9	58	144	120
3/5/2019	10	63	149	134
3/5/2019	11	67	149	134
3/5/2019	12	66	149	135
3/5/2019	13	67	149	136
3/5/2019	14	70	149	142
3/5/2019	15	69	149	140
3/5/2019	16	69	149	140
3/5/2019	17	65	149	135
3/5/2019	18	66	149	140
3/5/2019	19	68	149	142
3/5/2019	20	65	149	138
3/5/2019	21	62	149	127
3/5/2019	22	56	148	123
3/5/2019	23	51	140	114
3/5/2019	24	49	136	112
3/6/2019	1	47	128	112
3/6/2019	2	45	128	111
3/6/2019	3	44	128	111
3/6/2019	4	43	128	111
3/6/2019	5	46	128	111
3/6/2019	6	49	128	113
3/6/2019	7	46	136	112
3/6/2019	8	52	136	112
3/6/2019	9	61	142	124
3/6/2019	10	65	149	134
3/6/2019	11	69	149	148
3/6/2019	12	68	149	145
3/6/2019	13	69	150	150
3/6/2019	14	72	150	150
3/6/2019	15	70	149	148
3/6/2019	16	70	149	148
3/6/2019	17	66	149	148
3/6/2019	18	67	149	148
3/6/2019	19	70	150	150
3/6/2019	20	67	149	141
3/6/2019	21	63	149	138
3/6/2019	22	58	146	123
3/6/2019	23	54	140	
3/6/2019	24	49	136	118
3/7/2019	1	48	129	112
3/7/2019	2	46	129	111
3/7/2019	3	44	129	111
3/7/2019	4	43	129	111
3/7/2019	5	46	129	111
3/7/2019	6	50	129	113
3/7/2019	7	46	136	112
3/7/2019	8	51	137	112

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/7/2019	9	61	141	123
3/7/2019	10	65	149	123
3/7/2019	11	69	149	135
3/7/2019	12	67	149	123
3/7/2019	13	69	149	123
3/7/2019	14	71	150	135
3/7/2019	15	70	149	126
3/7/2019	16	69	149	131
3/7/2019	17	65	149	123
3/7/2019	18	67	149	125
3/7/2019	19	69	149	138
3/7/2019	20	66	149	138
3/7/2019	21	63	149	138
3/7/2019	22	58	148	123
3/7/2019	23	53	144	115
3/7/2019	24	50	137	115
3/8/2019	1	47	127	118
3/8/2019	2	45	127	113
3/8/2019	3	44	127	113
3/8/2019	4	43	127	113
3/8/2019	5	46	127	113
3/8/2019	6	49	127	115
3/8/2019	7	46	134	114
3/8/2019	8	51	135	114
3/8/2019	9	61	150	128
3/8/2019	10	65	150	133
3/8/2019	11	68	150	150
3/8/2019	12	67	150	150
3/8/2019	13	67	150	150
3/8/2019	14	69	150	150
3/8/2019	15	68	150	150
3/8/2019	16	67	150	150
3/8/2019	17	65	150	150
3/8/2019	18	66	150	150
3/8/2019	19	68	150	150
3/8/2019	20	66	150	150
3/8/2019	21	63	150	138
3/8/2019	22	58	150	123
3/8/2019	23	53	143	117
3/8/2019	24	50	135	117
3/9/2019	1	47	128	128
3/9/2019	2	46	127	127
3/9/2019	3	45	125	121
3/9/2019	4	43	125	112
3/9/2019	5	44	125	120
3/9/2019	6	46	134	134
3/9/2019	7	46	133	128
3/9/2019	8	50	150	150
3/9/2019	9	54	150	150
3/9/2019	10	61	150	150
3/9/2019	11	65	150	150
3/9/2019	12	64	150	150
3/9/2019	13	64	150	150
3/9/2019	14	67	150	150
3/9/2019	15	66	150	150
3/9/2019	16	65	150	150
3/9/2019	17	63	150	150
3/9/2019	18	65	150	150
3/9/2019	19	66	150	150
3/9/2019	20	64	150	150
3/9/2019	21	60	150	150
3/9/2019	22	57	150	150
3/9/2019	23	52	143	
3/9/2019	24	48	133	114
3/10/2019	1	45	125	111

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/10/2019	2	45	125	110
3/10/2019	3	43	125	110
3/10/2019	4	42	125	110
3/10/2019	5	42	125	110
3/10/2019	6	43	125	112
3/10/2019	7	43	133	111
3/10/2019	8	45	133	111
3/10/2019	9	49	141	114
3/10/2019	10	52	148	128
3/10/2019	11	56	148	148
3/10/2019	12	57	148	148
3/10/2019	13	57	148	148
3/10/2019	14	58	148	148
3/10/2019	15	57	148	148
3/10/2019	16	56	148	148
3/10/2019	17	55	148	148
3/10/2019	18	60	150	150
3/10/2019	19	63	150	150
3/10/2019	20	61	150	150
3/10/2019	21	59	148	148
3/10/2019	22	56	147	143
3/10/2019	23	51	143	124
3/10/2019	24	48	133	118
3/11/2019	1	45	128	114
3/11/2019	2	43	128	107
3/11/2019	3	42	128	107
3/11/2019	4	41	128	107
3/11/2019	5	43	128	113
3/11/2019	6	48	128	123
3/11/2019	7	45	136	110
3/11/2019	8	51	137	123
3/11/2019	9	60	148	134
3/11/2019	10	64	150	150
3/11/2019	11	67	150	150
3/11/2019	12	66	150	150
3/11/2019	13	68	150	150
3/11/2019	14	70	150	150
3/11/2019	15	69	150	150
3/11/2019	16	68	150	150
3/11/2019	17	65	150	150
3/11/2019	18	66	150	150
3/11/2019	19	69	150	150
3/11/2019	20	66	150	150
3/11/2019	21	61	150	150
3/11/2019	22	57	150	146
3/11/2019	23	53	150	144
3/11/2019	24	49	136	128
3/12/2019	1	46	145	138
3/12/2019	2	44	145	121
3/12/2019	3	43	143	121
3/12/2019	4	42	143	121
3/12/2019	5	45	143	123
3/12/2019	6	49	143	138
3/12/2019	7	45	143	128
3/12/2019	8	50	144	133
3/12/2019	9	59	144	133
3/12/2019	10	64	150	150
3/12/2019	11	68	150	150
3/12/2019	12	67	150	150
3/12/2019	13	68	150	150
3/12/2019	14	70	150	150
3/12/2019	15	69	150	150
3/12/2019	16	67	150	150
3/12/2019	17	64	148	148
3/12/2019	18	66	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/12/2019	19	68	150	150
3/12/2019	20	66	150	150
3/12/2019	21	62	148	148
3/12/2019	22	57	145	145
3/12/2019	23	53	143	128
3/12/2019	24	50	143	125
3/13/2019	1	46	133	128
3/13/2019	2	45	131	124
3/13/2019	3	44	129	123
3/13/2019	4	43	129	121
3/13/2019	5	45	129	128
3/13/2019	6	48	135	135
3/13/2019	7	45	139	124
3/13/2019	8	50	141	125
3/13/2019	9	60	150	147
3/13/2019	10	64	150	150
3/13/2019	11	68	150	150
3/13/2019	12	68	150	150
3/13/2019	13	69	150	150
3/13/2019	14	70	150	150
3/13/2019	15	69	150	150
3/13/2019	16	68	150	150
3/13/2019	17	65	148	148
3/13/2019	18	66	150	150
3/13/2019	19	68	150	150
3/13/2019	20	65	150	150
3/13/2019	21	63	150	150
3/13/2019	22	57	144	143
3/13/2019	23	52	146	
3/13/2019	24	48	143	132
3/14/2019	1	47	139	128
3/14/2019	2	46	139	128
3/14/2019	3	44	139	123
3/14/2019	4	44	139	123
3/14/2019	5	46	139	128
3/14/2019	6	48	139	133
3/14/2019	7	45	139	126
3/14/2019	8	50	140	135
3/14/2019	9	58	140	138
3/14/2019	10	64	150	138
3/14/2019	11	67	150	138
3/14/2019	12	65	150	138
3/14/2019	13	66	150	146
3/14/2019	14	69	150	150
3/14/2019	15	67	150	150
3/14/2019	16	67	150	150
3/14/2019	17	65	150	144
3/14/2019	18	66	150	145
3/14/2019	19	68	150	150
3/14/2019	20	65	150	141
3/14/2019	21	62	150	142
3/14/2019	22	57	142	142
3/14/2019	23	52	140	140
3/14/2019	24	48	139	138
3/15/2019	1	47	148	133
3/15/2019	2	45	148	131
3/15/2019	3	43	148	125
3/15/2019	4	42	148	124
3/15/2019	5	45	148	128
3/15/2019	6	48	148	133
3/15/2019	7	45	148	130
3/15/2019	8	51	149	143
3/15/2019	9	60	149	143
3/15/2019	10	65	150	150
3/15/2019	11	68	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/15/2019	12	67	150	150
3/15/2019	13	68	150	150
3/15/2019	14	70	150	150
3/15/2019	15	69	150	150
3/15/2019	16	68	150	150
3/15/2019	17	65	150	150
3/15/2019	18	67	150	150
3/15/2019	19	68	150	150
3/15/2019	20	66	150	150
3/15/2019	21	62	150	150
3/15/2019	22	58	150	150
3/15/2019	23	53	148	140
3/15/2019	24	49	148	136
3/16/2019	1	47	150	150
3/16/2019	2	46	150	150
3/16/2019	3	45	150	150
3/16/2019	4	43	150	150
3/16/2019	5	44	150	150
3/16/2019	6	47	150	150
3/16/2019	7	47	150	150
3/16/2019	8	50	150	150
3/16/2019	9	56	150	150
3/16/2019	10	62	150	150
3/16/2019	11	65	150	150
3/16/2019	12	65	150	150
3/16/2019	13	65	150	150
3/16/2019	14	67	150	150
3/16/2019	15	66	150	150
3/16/2019	16	65	150	150
3/16/2019	17	63	150	150
3/16/2019	18	64	150	150
3/16/2019	19	66	150	150
3/16/2019	20	64	150	150
3/16/2019	21	62	150	150
3/16/2019	22	58	150	150
3/16/2019	23	52	150	
3/16/2019	24	49	150	150
3/17/2019	1	47	150	147
3/17/2019	2	45	150	147
3/17/2019	3	44	150	147
3/17/2019	4	43	150	147
3/17/2019	5	43	150	147
3/17/2019	6	44	150	147
3/17/2019	7	44	150	147
3/17/2019	8	45	150	148
3/17/2019	9	49	150	148
3/17/2019	10	53	150	148
3/17/2019	11	57	150	148
3/17/2019	12	57	150	148
3/17/2019	13	58	150	150
3/17/2019	14	60	150	148
3/17/2019	15	59	150	148
3/17/2019	16	56	150	148
3/17/2019	17	55	150	148
3/17/2019	18	60	150	150
3/17/2019	19	64	150	150
3/17/2019	20	62	150	150
3/17/2019	21	59	150	148
3/17/2019	22	55	150	147
3/17/2019	23	51	150	147
3/17/2019	24	47	150	147
3/18/2019	1	45	150	150
3/18/2019	2	43	150	150
3/18/2019	3	42	150	150
3/18/2019	4	41	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/18/2019	5	44	150	150
3/18/2019	6	47	150	150
3/18/2019	7	45	150	150
3/18/2019	8	50	150	150
3/18/2019	9	59	150	150
3/18/2019	10	64	150	150
3/18/2019	11	68	150	150
3/18/2019	12	67	150	150
3/18/2019	13	68	150	150
3/18/2019	14	70	150	150
3/18/2019	15	69	150	150
3/18/2019	16	67	150	150
3/18/2019	17	65	150	150
3/18/2019	18	67	150	150
3/18/2019	19	69	150	150
3/18/2019	20	66	150	150
3/18/2019	21	62	150	150
3/18/2019	22	57	150	150
3/18/2019	23	52	150	150
3/18/2019	24	48	150	150
3/19/2019	1	44	150	147
3/19/2019	2	43	150	147
3/19/2019	3	41	150	147
3/19/2019	4	41	150	147
3/19/2019	5	42	150	147
3/19/2019	6	47	150	147
3/19/2019	7	44	150	147
3/19/2019	8	49	150	148
3/19/2019	9	58	150	148
3/19/2019	10	63	150	150
3/19/2019	11	67	150	150
3/19/2019	12	66	150	150
3/19/2019	13	67	150	150
3/19/2019	14	68	150	150
3/19/2019	15	67	150	150
3/19/2019	16	66	150	150
3/19/2019	17	64	150	150
3/19/2019	18	65	150	150
3/19/2019	19	68	150	150
3/19/2019	20	65	150	150
3/19/2019	21	63	150	150
3/19/2019	22	57	150	150
3/19/2019	23	52	150	147
3/19/2019	24	48	150	147
3/20/2019	1	46	150	148
3/20/2019	2	45	150	148
3/20/2019	3	43	150	148
3/20/2019	4	43	150	148
3/20/2019	5	45	150	148
3/20/2019	6	48	150	148
3/20/2019	7	45	150	148
3/20/2019	8	50	150	149
3/20/2019	9	60	150	150
3/20/2019	10	65	150	150
3/20/2019	11	68	150	150
3/20/2019	12	67	150	150
3/20/2019	13	69	150	150
3/20/2019	14	70	150	150
3/20/2019	15	69	150	150
3/20/2019	16	68	150	150
3/20/2019	17	66	150	150
3/20/2019	18	66	150	150
3/20/2019	19	68	150	150
3/20/2019	20	65	150	150
3/20/2019	21	63	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/20/2019	22	58	150	150
3/20/2019	23	53	150	
3/20/2019	24	48	150	148
3/21/2019	1	46	146	109
3/21/2019	2	44	147	107
3/21/2019	3	44	147	104
3/21/2019	4	43	147	103
3/21/2019	5	45	147	112
3/21/2019	6	48	147	118
3/21/2019	7	45	147	115
3/21/2019	8	49	148	130
3/21/2019	9	58	148	131
3/21/2019	10	63	150	150
3/21/2019	11	66	150	150
3/21/2019	12	65	150	135
3/21/2019	13	67	150	143
3/21/2019	14	70	150	150
3/21/2019	15	68	150	150
3/21/2019	16	67	150	150
3/21/2019	17	65	150	150
3/21/2019	18	67	150	150
3/21/2019	19	68	150	150
3/21/2019	20	64	150	148
3/21/2019	21	60	148	135
3/21/2019	22	56	150	150
3/21/2019	23	52	147	137
3/21/2019	24	47	147	133
3/22/2019	1	46	130	130
3/22/2019	2	44	129	129
3/22/2019	3	44	129	129
3/22/2019	4	43	127	126
3/22/2019	5	46	134	134
3/22/2019	6	49	135	135
3/22/2019	7	46	130	116
3/22/2019	8	51	139	135
3/22/2019	9	59	149	142
3/22/2019	10	66	150	150
3/22/2019	11	67	150	150
3/22/2019	12	67	150	150
3/22/2019	13	68	150	150
3/22/2019	14	68	150	150
3/22/2019	15	67	150	150
3/22/2019	16	66	150	150
3/22/2019	17	65	150	150
3/22/2019	18	66	150	150
3/22/2019	19	68	150	150
3/22/2019	20	64	150	150
3/22/2019	21	61	150	150
3/22/2019	22	57	150	150
3/22/2019	23	53	150	131
3/22/2019	24	48	149	126
3/23/2019	1	47	129	129
3/23/2019	2	45	127	127
3/23/2019	3	44	125	125
3/23/2019	4	43	125	125
3/23/2019	5	43	127	127
3/23/2019	6	46	130	130
3/23/2019	7	45	133	133
3/23/2019	8	50	135	134
3/23/2019	9	55	148	140
3/23/2019	10	61	150	150
3/23/2019	11	64	150	150
3/23/2019	12	63	150	150
3/23/2019	13	63	150	150
3/23/2019	14	65	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/23/2019	15	64	150	150
3/23/2019	16	63	150	150
3/23/2019	17	61	150	150
3/23/2019	18	63	150	150
3/23/2019	19	65	150	150
3/23/2019	20	63	150	150
3/23/2019	21	61	150	150
3/23/2019	22	57	150	146
3/23/2019	23	53	150	
3/23/2019	24	49	143	132
3/24/2019	1	47	133	133
3/24/2019	2	45	127	127
3/24/2019	3	43	125	125
3/24/2019	4	43	125	125
3/24/2019	5	43	127	127
3/24/2019	6	44	130	130
3/24/2019	7	44	128	128
3/24/2019	8	45	130	130
3/24/2019	9	48	138	133
3/24/2019	10	52	139	133
3/24/2019	11	56	139	132
3/24/2019	12	56	139	133
3/24/2019	13	57	139	134
3/24/2019	14	59	142	142
3/24/2019	15	57	139	139
3/24/2019	16	55	141	141
3/24/2019	17	54	142	142
3/24/2019	18	59	146	146
3/24/2019	19	64	150	150
3/24/2019	20	61	150	150
3/24/2019	21	59	145	144
3/24/2019	22	55	146	146
3/24/2019	23	51	138	138
3/24/2019	24	47	138	138
3/25/2019	1	45	129	129
3/25/2019	2	43	127	127
3/25/2019	3	42	125	125
3/25/2019	4	41	125	125
3/25/2019	5	44	127	127
3/25/2019	6	48	133	133
3/25/2019	7	45	128	128
3/25/2019	8	50	138	138
3/25/2019	9	60	150	150
3/25/2019	10	65	150	150
3/25/2019	11	68	150	150
3/25/2019	12	67	150	150
3/25/2019	13	68	150	150
3/25/2019	14	69	150	150
3/25/2019	15	68	150	150
3/25/2019	16	67	150	150
3/25/2019	17	65	150	150
3/25/2019	18	67	150	150
3/25/2019	19	69	150	150
3/25/2019	20	66	150	150
3/25/2019	21	62	150	150
3/25/2019	22	57	150	150
3/25/2019	23	52	150	150
3/25/2019	24	48	132	132
3/26/2019	1	46	136	136
3/26/2019	2	45	128	128
3/26/2019	3	44	126	126
3/26/2019	4	43	126	126
3/26/2019	5	45	128	128
3/26/2019	6	48	133	133
3/26/2019	7	45	131	131

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/26/2019	8	52	150	150
3/26/2019	9	59	150	150
3/26/2019	10	65	150	150
3/26/2019	11	68	150	150
3/26/2019	12	67	150	150
3/26/2019	13	68	150	150
3/26/2019	14	70	150	150
3/26/2019	15	69	150	150
3/26/2019	16	67	150	150
3/26/2019	17	65	150	150
3/26/2019	18	66	150	150
3/26/2019	19	68	150	150
3/26/2019	20	66	150	150
3/26/2019	21	64	150	150
3/26/2019	22	59	150	150
3/26/2019	23	53	150	150
3/26/2019	24	49	145	145
3/27/2019	1	48	150	150
3/27/2019	2	46	145	145
3/27/2019	3	44	139	139
3/27/2019	4	44	136	136
3/27/2019	5	46	135	135
3/27/2019	6	49	143	143
3/27/2019	7	47	139	139
3/27/2019	8	52	148	148
3/27/2019	9	61	150	150
3/27/2019	10	67	150	150
3/27/2019	11	70	150	150
3/27/2019	12	69	150	150
3/27/2019	13	70	150	150
3/27/2019	14	72	150	150
3/27/2019	15	71	150	150
3/27/2019	16	70	150	150
3/27/2019	17	67	150	150
3/27/2019	18	68	150	150
3/27/2019	19	68	150	150
3/27/2019	20	67	150	150
3/27/2019	21	65	150	150
3/27/2019	22	60	150	150
3/27/2019	23	55	150	150
3/27/2019	24	50	150	150
3/28/2019	1	49	142	142
3/28/2019	2	47	136	136
3/28/2019	3	46	130	130
3/28/2019	4	46	128	128
3/28/2019	5	47	126	126
3/28/2019	6	50	128	128
3/28/2019	7	46	127	127
3/28/2019	8	52	134	134
3/28/2019	9	60	150	150
3/28/2019	10	65	150	150
3/28/2019	11	69	150	150
3/28/2019	12	69	150	150
3/28/2019	13	70	150	150
3/28/2019	14	73	150	150
3/28/2019	15	72	150	150
3/28/2019	16	71	150	150
3/28/2019	17	67	150	150
3/28/2019	18	68	150	150
3/28/2019	19	69	150	150
3/28/2019	20	68	150	150
3/28/2019	21	64	150	150
3/28/2019	22	60	150	150
3/28/2019	23	56	150	150
3/28/2019	24	52	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/29/2019	1	48	150	150
3/29/2019	2	47	150	150
3/29/2019	3	46	147	147
3/29/2019	4	45	140	140
3/29/2019	5	47	144	144
3/29/2019	6	49	141	141
3/29/2019	7	47	138	138
3/29/2019	8	52	146	146
3/29/2019	9	61	150	150
3/29/2019	10	67	150	150
3/29/2019	11	70	150	150
3/29/2019	12	69	150	150
3/29/2019	13	70	150	150
3/29/2019	14	72	150	150
3/29/2019	15	71	150	150
3/29/2019	16	69	150	150
3/29/2019	17	66	150	150
3/29/2019	18	67	150	150
3/29/2019	19	68	150	150
3/29/2019	20	67	150	150
3/29/2019	21	64	150	150
3/29/2019	22	59	150	150
3/29/2019	23	56	150	150
3/29/2019	24	52	150	150
3/30/2019	1	48	141	141
3/30/2019	2	46	135	135
3/30/2019	3	45	130	130
3/30/2019	4	44	125	125
3/30/2019	5	45	125	125
3/30/2019	6	47	126	126
3/30/2019	7	47	128	128
3/30/2019	8	51	143	143
3/30/2019	9	57	150	150
3/30/2019	10	61	150	150
3/30/2019	11	64	150	150
3/30/2019	12	63	150	150
3/30/2019	13	64	150	150
3/30/2019	14	66	150	150
3/30/2019	15	65	150	150
3/30/2019	16	63	150	150
3/30/2019	17	61	150	150
3/30/2019	18	65	150	150
3/30/2019	19	67	150	150
3/30/2019	20	65	150	150
3/30/2019	21	63	150	150
3/30/2019	22	60	150	150
3/30/2019	23	55	150	150
3/30/2019	24	51	143	141
3/31/2019	1	48	139	139
3/31/2019	2	46	133	133
3/31/2019	3	45	133	133
3/31/2019	4	45	133	133
3/31/2019	5	44	127	127
3/31/2019	6	45	129	129
3/31/2019	7	45	120	120
3/31/2019	8	45	127	127
3/31/2019	9	49	136	136
3/31/2019	10	53	141	141
3/31/2019	11	57	150	150
3/31/2019	12	56	150	150
3/31/2019	13	57	150	150
3/31/2019	14	59	150	150
3/31/2019	15	57	150	150
3/31/2019	16	55	150	150
3/31/2019	17	54	150	150

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/31/2019	18	60	150	150
3/31/2019	19	64	150	150
3/31/2019	20	62	150	150
3/31/2019	21	60	150	150
3/31/2019	22	55	135	134
3/31/2019	23	51	128	
3/31/2019	24	47	124	124
4/1/2019	1	46	120	120
4/1/2019	2	44	120	118
4/1/2019	3	43	112	112
4/1/2019	4	42	112	112
4/1/2019	5	44	112	112
4/1/2019	6	47	113	113
4/1/2019	7	47	116	116
4/1/2019	8	51	128	128
4/1/2019	9	60	140	140
4/1/2019	10	66	150	150
4/1/2019	11	69	150	150
4/1/2019	12	68	150	150
4/1/2019	13	69	150	150
4/1/2019	14	71	150	150
4/1/2019	15	70	150	150
4/1/2019	16	69	150	150
4/1/2019	17	66	150	150
4/1/2019	18	67	150	150
4/1/2019	19	68	150	150
4/1/2019	20	66	150	150
4/1/2019	21	64	150	150
4/1/2019	22	60	140	140
4/1/2019	23	55	133	133
4/1/2019	24	51	126	126
4/2/2019	1	48	150	150
4/2/2019	2	46	140	140
4/2/2019	3	45	133	133
4/2/2019	4	44	133	133
4/2/2019	5	46	134	134
4/2/2019	6	48	134	134
4/2/2019	7	45	133	133
4/2/2019	8	50	149	149
4/2/2019	9	58	150	150
4/2/2019	10	65	150	150
4/2/2019	11	68	150	150
4/2/2019	12	70	150	150
4/2/2019	13	71	150	150
4/2/2019	14	72	150	150
4/2/2019	15	71	150	150
4/2/2019	16	69	150	150
4/2/2019	17	67	150	150
4/2/2019	18	68	150	150
4/2/2019	19	70	150	150
4/2/2019	20	68	150	150
4/2/2019	21	64	150	150
4/2/2019	22	61	150	150
4/2/2019	23	55	150	150
4/2/2019	24	51	150	150
4/3/2019	1	47	146	146
4/3/2019	2	46	139	139
4/3/2019	3	45	132	132
4/3/2019	4	43	131	131
4/3/2019	5	45	132	132
4/3/2019	6	47	134	134
4/3/2019	7	46	130	130
4/3/2019	8	52	149	149
4/3/2019	9	60	150	150
4/3/2019	10	66	150	150

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/3/2019	11	69	150	150
4/3/2019	12	68	150	150
4/3/2019	13	69	150	150
4/3/2019	14	72	150	150
4/3/2019	15	70	150	150
4/3/2019	16	69	150	150
4/3/2019	17	66	150	150
4/3/2019	18	67	150	150
4/3/2019	19	69	150	150
4/3/2019	20	66	150	150
4/3/2019	21	63	150	150
4/3/2019	22	58	150	150
4/3/2019	23	54	150	150
4/3/2019	24	50	150	150
4/4/2019	1	48	145	145
4/4/2019	2	47	139	139
4/4/2019	3	46	133	133
4/4/2019	4	45	132	132
4/4/2019	5	46	132	132
4/4/2019	6	47	137	137
4/4/2019	7	47	134	134
4/4/2019	8	53	146	146
4/4/2019	9	61	150	150
4/4/2019	10	66	150	150
4/4/2019	11	70	150	150
4/4/2019	12	68	150	150
4/4/2019	13	68	150	150
4/4/2019	14	71	150	150
4/4/2019	15	70	150	150
4/4/2019	16	68	150	150
4/4/2019	17	66	150	150
4/4/2019	18	67	150	150
4/4/2019	19	68	150	150
4/4/2019	20	66	148	148
4/4/2019	21	63	148	148
4/4/2019	22	58	150	150
4/4/2019	23	53	150	150
4/4/2019	24	50	150	150
4/5/2019	1	49	150	150
4/5/2019	2	48	148	148
4/5/2019	3	47	143	143
4/5/2019	4	45	141	141
4/5/2019	5	47	135	135
4/5/2019	6	48	138	138
4/5/2019	7	49	133	133
4/5/2019	8	53	150	150
4/5/2019	9	60	150	150
4/5/2019	10	66	150	150
4/5/2019	11	69	150	150
4/5/2019	12	68	150	150
4/5/2019	13	68	150	150
4/5/2019	14	71	150	150
4/5/2019	15	70	150	150
4/5/2019	16	69	150	150
4/5/2019	17	65	150	150
4/5/2019	18	66	150	150
4/5/2019	19	68	150	150
4/5/2019	20	66	150	150
4/5/2019	21	64	150	150
4/5/2019	22	60	150	150
4/5/2019	23	55	150	150
4/5/2019	24	52	150	150
4/6/2019	1	49	150	150
4/6/2019	2	47	148	148
4/6/2019	3	46	143	148

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/6/2019	4	45	141	141
4/6/2019	5	45	135	135
4/6/2019	6	47	138	138
4/6/2019	7	47	133	133
4/6/2019	8	50	150	150
4/6/2019	9	57	150	150
4/6/2019	10	63	150	150
4/6/2019	11	64	150	150
4/6/2019	12	65	150	150
4/6/2019	13	66	150	150
4/6/2019	14	67	150	150
4/6/2019	15	66	150	150
4/6/2019	16	64	150	150
4/6/2019	17	62	150	150
4/6/2019	18	66	150	150
4/6/2019	19	67	150	150
4/6/2019	20	65	150	150
4/6/2019	21	63	150	150
4/6/2019	22	60	150	150
4/6/2019	23	55	150	150
4/6/2019	24	51	150	150
4/7/2019	1	49	150	150
4/7/2019	2	47	145	145
4/7/2019	3	45	139	139
4/7/2019	4	44	136	136
4/7/2019	5	45	130	130
4/7/2019	6	45	131	131
4/7/2019	7	45	128	128
4/7/2019	8	46	138	138
4/7/2019	9	50	150	150
4/7/2019	10	54	150	150
4/7/2019	11	57	150	150
4/7/2019	12	57	150	150
4/7/2019	13	58	150	150
4/7/2019	14	59	150	150
4/7/2019	15	58	150	150
4/7/2019	16	57	150	150
4/7/2019	17	55	150	150
4/7/2019	18	61	150	150
4/7/2019	19	64	150	150
4/7/2019	20	63	150	150
4/7/2019	21	60	150	150
4/7/2019	22	56	150	150
4/7/2019	23	51	150	150
4/7/2019	24	47	150	150
4/8/2019	1	46	150	150
4/8/2019	2	44	145	145
4/8/2019	3	43	139	139
4/8/2019	4	42	136	136
4/8/2019	5	44	130	130
4/8/2019	6	47	131	131
4/8/2019	7	47	128	128
4/8/2019	8	53	138	138
4/8/2019	9	62	150	150
4/8/2019	10	67	150	150
4/8/2019	11	70	150	150
4/8/2019	12	69	150	150
4/8/2019	13	70	150	150
4/8/2019	14	71	150	150
4/8/2019	15	70	150	150
4/8/2019	16	69	150	150
4/8/2019	17	65	150	150
4/8/2019	18	66	150	150
4/8/2019	19	68	150	150
4/8/2019	20	66	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/8/2019	21	64	150	150
4/8/2019	22	60	150	150
4/8/2019	23	55	150	150
4/8/2019	24	50	150	150
4/9/2019	1	50	132	132
4/9/2019	2	48	128	128
4/9/2019	3	47	127	127
4/9/2019	4	47	126	126
4/9/2019	5	47	127	127
4/9/2019	6	48	130	130
4/9/2019	7	48	127	127
4/9/2019	8	52	130	130
4/9/2019	9	60	141	132
4/9/2019	10	62	150	150
4/9/2019	11	68	150	150
4/9/2019	12	68	150	150
4/9/2019	13	68	150	150
4/9/2019	14	69	150	150
4/9/2019	15	68	150	150
4/9/2019	16	68	150	150
4/9/2019	17	66	150	150
4/9/2019	18	68	150	150
4/9/2019	19	69	150	150
4/9/2019	20	66	150	150
4/9/2019	21	63	150	150
4/9/2019	22	59	140	139
4/9/2019	23	54	138	138
4/9/2019	24	52	138	137
4/10/2019	1	49	139	139
4/10/2019	2	47	135	135
4/10/2019	3	46	127	127
4/10/2019	4	45	126	126
4/10/2019	5	47	127	127
4/10/2019	6	48	130	130
4/10/2019	7	48	127	127
4/10/2019	8	53	135	135
4/10/2019	9	64	138	138
4/10/2019	10	68	150	150
4/10/2019	11	71	150	150
4/10/2019	12	70	150	150
4/10/2019	13	72	150	150
4/10/2019	14	72	150	150
4/10/2019	15	71	150	150
4/10/2019	16	70	150	150
4/10/2019	17	67	150	150
4/10/2019	18	68	150	150
4/10/2019	19	69	150	150
4/10/2019	20	67	150	150
4/10/2019	21	66	150	150
4/10/2019	22	61	139	139
4/10/2019	23	57	138	150
4/10/2019	24	54	133	133
4/11/2019	1	50	115	115
4/11/2019	2	48	115	115
4/11/2019	3	47	115	115
4/11/2019	4	46	115	115
4/11/2019	5	47	115	115
4/11/2019	6	49	115	115
4/11/2019	7	49	115	115
4/11/2019	8	54	125	125
4/11/2019	9	62	135	135
4/11/2019	10	67	140	140
4/11/2019	11	71	150	150
4/11/2019	12	70	150	150
4/11/2019	13	71	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/11/2019	14	73	150	150
4/11/2019	15	71	150	150
4/11/2019	16	69	150	150
4/11/2019	17	67	150	150
4/11/2019	18	68	150	150
4/11/2019	19	69	150	150
4/11/2019	20	67	150	150
4/11/2019	21	64	150	150
4/11/2019	22	60	140	140
4/11/2019	23	55	130	130
4/11/2019	24	51	116	116
4/12/2019	1	49	114	114
4/12/2019	2	47	110	110
4/12/2019	3	46	109	109
4/12/2019	4	45	109	109
4/12/2019	5	46	110	110
4/12/2019	6	48	112	112
4/12/2019	7	49	116	116
4/12/2019	8	53	121	121
4/12/2019	9	62	141	136
4/12/2019	10	67	150	150
4/12/2019	11	69	150	150
4/12/2019	12	68	150	150
4/12/2019	13	69	150	150
4/12/2019	14	71	150	150
4/12/2019	15	70	150	150
4/12/2019	16	68	150	150
4/12/2019	17	65	150	150
4/12/2019	18	67	150	150
4/12/2019	19	69	150	150
4/12/2019	20	67	150	150
4/12/2019	21	65	150	150
4/12/2019	22	61	141	141
4/12/2019	23	57	130	130
4/12/2019	24	53	127	117
4/13/2019	1	49	150	150
4/13/2019	2	48	150	150
4/13/2019	3	46	147	150
4/13/2019	4	46	141	141
4/13/2019	5	46	139	139
4/13/2019	6	48	135	135
4/13/2019	7	47	129	129
4/13/2019	8	51	141	141
4/13/2019	9	57	150	150
4/13/2019	10	62	150	150
4/13/2019	11	64	150	150
4/13/2019	12	64	150	150
4/13/2019	13	66	150	150
4/13/2019	14	67	150	150
4/13/2019	15	66	150	150
4/13/2019	16	64	150	150
4/13/2019	17	62	150	150
4/13/2019	18	66	150	150
4/13/2019	19	67	150	150
4/13/2019	20	65	150	150
4/13/2019	21	62	150	150
4/13/2019	22	59	150	150
4/13/2019	23	54	150	150
4/13/2019	24	51	150	150
4/14/2019	1	49	137	137
4/14/2019	2	46	131	131
4/14/2019	3	45	133	133
4/14/2019	4	45	130	130
4/14/2019	5	45	122	122
4/14/2019	6	44	119	119

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/14/2019	7	44	117	117
4/14/2019	8	45	120	120
4/14/2019	9	49	129	129
4/14/2019	10	53	133	133
4/14/2019	11	56	142	142
4/14/2019	12	57	147	147
4/14/2019	13	57	147	147
4/14/2019	14	58	150	150
4/14/2019	15	58	150	150
4/14/2019	16	57	150	150
4/14/2019	17	56	150	150
4/14/2019	18	61	150	150
4/14/2019	19	64	150	150
4/14/2019	20	63	150	150
4/14/2019	21	61	150	150
4/14/2019	22	57	150	150
4/14/2019	23	53	150	150
4/14/2019	24	51	137	137
4/15/2019	1	46	150	150
4/15/2019	2	45	139	139
4/15/2019	3	43	133	133
4/15/2019	4	42	130	130
4/15/2019	5	44	130	130
4/15/2019	6	47	132	132
4/15/2019	7	46	129	129
4/15/2019	8	52	133	133
4/15/2019	9	62	150	150
4/15/2019	10	68	150	150
4/15/2019	11	70	150	150
4/15/2019	12	69	150	150
4/15/2019	13	71	150	150
4/15/2019	14	73	150	150
4/15/2019	15	71	150	150
4/15/2019	16	70	150	150
4/15/2019	17	66	150	150
4/15/2019	18	68	150	150
4/15/2019	19	69	150	150
4/15/2019	20	67	150	150
4/15/2019	21	65	150	150
4/15/2019	22	60	150	150
4/15/2019	23	55	150	150
4/15/2019	24	51	150	150
4/16/2019	1	50	120	120
4/16/2019	2	49	120	120
4/16/2019	3	48	120	120
4/16/2019	4	46	112	112
4/16/2019	5	47	120	120
4/16/2019	6	50	120	120
4/16/2019	7	48	113	113
4/16/2019	8	55	133	133
4/16/2019	9	63	150	150
4/16/2019	10	69	150	150
4/16/2019	11	72	150	150
4/16/2019	12	72	150	150
4/16/2019	13	73	150	150
4/16/2019	14	75	150	150
4/16/2019	15	75	150	150
4/16/2019	16	73	150	150
4/16/2019	17	69	150	150
4/16/2019	18	70	150	150
4/16/2019	19	71	150	150
4/16/2019	20	70	150	150
4/16/2019	21	68	150	150
4/16/2019	22	62	150	150
4/16/2019	23	59	145	145

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/16/2019	24	55	128	128
4/17/2019	1	53	130	130
4/17/2019	2	51	130	130
4/17/2019	3	49	128	128
4/17/2019	4	48	128	128
4/17/2019	5	50	128	128
4/17/2019	6	51	126	126
4/17/2019	7	50	119	119
4/17/2019	8	57	130	130
4/17/2019	9	65	150	150
4/17/2019	10	72	150	150
4/17/2019	11	74	150	150
4/17/2019	12	73	150	150
4/17/2019	13	73	150	150
4/17/2019	14	74	150	150
4/17/2019	15	74	150	150
4/17/2019	16	73	150	150
4/17/2019	17	69	150	150
4/17/2019	18	69	150	150
4/17/2019	19	70	150	150
4/17/2019	20	69	150	150
4/17/2019	21	66	150	150
4/17/2019	22	58	140	140
4/17/2019	23	56	135	
4/17/2019	24	52	128	128
4/18/2019	1	44	115	115
4/18/2019	2	42	114	114
4/18/2019	3	41	114	114
4/18/2019	4	40	114	114
4/18/2019	5	39	114	114
4/18/2019	6	39	115	115
4/18/2019	7	39	115	115
4/18/2019	8	42	116	116
4/18/2019	9	45	131	131
4/18/2019	10	48	136	136
4/18/2019	11	51	136	136
4/18/2019	12	51	136	136
4/18/2019	13	52	136	136
4/18/2019	14	53	136	136
4/18/2019	15	52	136	136
4/18/2019	16	50	136	136
4/18/2019	17	49	136	136
4/18/2019	18	53	136	136
4/18/2019	19	57	141	136
4/18/2019	20	54	137	136
4/18/2019	21	52	136	136
4/18/2019	22	50	129	129
4/18/2019	23	46	124	124
4/18/2019	24	43	118	118
4/19/2019	1	41	115	115
4/19/2019	2	39	114	114
4/19/2019	3	37	105	105
4/19/2019	4	36	105	104
4/19/2019	5	36	100	100
4/19/2019	6	36	103	103
4/19/2019	7	36	100	100
4/19/2019	8	37	102	102
4/19/2019	9	37	100	100
4/19/2019	10	39	118	118
4/19/2019	11	42	120	120
4/19/2019	12	42	110	110
4/19/2019	13	43	110	110
4/19/2019	14	45	113	113
4/19/2019	15	42	105	105
4/19/2019	16	41	104	103

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/19/2019	17	40	105	100
4/19/2019	18	45	129	128
4/19/2019	19	54	136	136
4/19/2019	20	52	136	136
4/19/2019	21	50	136	136
4/19/2019	22	48	129	129
4/19/2019	23	45	124	
4/19/2019	24	41	115	114
4/20/2019	1	40	139	139
4/20/2019	2	38	133	133
4/20/2019	3	36	123	123
4/20/2019	4	36	114	114
4/20/2019	5	36	112	112
4/20/2019	6	36	113	113
4/20/2019	7	39	120	120
4/20/2019	8	43	128	128
4/20/2019	9	47	132	132
4/20/2019	10	52	136	136
4/20/2019	11	55	143	143
4/20/2019	12	56	143	143
4/20/2019	13	55	145	145
4/20/2019	14	58	150	150
4/20/2019	15	55	150	149
4/20/2019	16	51	138	138
4/20/2019	17	52	143	138
4/20/2019	18	59	150	150
4/20/2019	19	60	150	150
4/20/2019	20	58	150	150
4/20/2019	21	56	150	150
4/20/2019	22	52	148	148
4/20/2019	23	47	143	143
4/20/2019	24	44	138	138
4/21/2019	1	42	138	133
4/21/2019	2	41	132	124
4/21/2019	3	40	124	122
4/21/2019	4	38	113	113
4/21/2019	5	38	105	103
4/21/2019	6	39	107	106
4/21/2019	7	40	116	116
4/21/2019	8	43	119	119
4/21/2019	9	44	120	120
4/21/2019	10	47	134	134
4/21/2019	11	51	144	144
4/21/2019	12	52	148	148
4/21/2019	13	52	148	148
4/21/2019	14	52	150	148
4/21/2019	15	52	143	138
4/21/2019	16	51	143	140
4/21/2019	17	51	149	149
4/21/2019	18	59	150	150
4/21/2019	19	61	150	150
4/21/2019	20	59	150	150
4/21/2019	21	57	150	150
4/21/2019	22	54	150	150
4/21/2019	23	51	150	150
4/21/2019	24	47	138	138
4/22/2019	1	49	144	144
4/22/2019	2	47	136	136
4/22/2019	3	46	129	136
4/22/2019	4	45	128	128
4/22/2019	5	46	129	129
4/22/2019	6	48	132	132
4/22/2019	7	48	130	130
4/22/2019	8	55	136	135
4/22/2019	9	64	150	150

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/22/2019	10	70	150	150
4/22/2019	11	72	150	150
4/22/2019	12	71	150	150
4/22/2019	13	72	150	150
4/22/2019	14	74	150	150
4/22/2019	15	73	150	150
4/22/2019	16	71	150	150
4/22/2019	17	68	150	150
4/22/2019	18	69	150	150
4/22/2019	19	70	150	150
4/22/2019	20	67	150	150
4/22/2019	21	65	150	150
4/22/2019	22	60	150	150
4/22/2019	23	56	150	150
4/22/2019	24	51	150	150
4/23/2019	1	52	138	138
4/23/2019	2	50	138	138
4/23/2019	3	48	138	138
4/23/2019	4	48	138	138
4/23/2019	5	48	138	138
4/23/2019	6	49	138	138
4/23/2019	7	49	138	138
4/23/2019	8	56	139	139
4/23/2019	9	65	150	150
4/23/2019	10	71	150	150
4/23/2019	11	74	150	150
4/23/2019	12	72	150	150
4/23/2019	13	74	150	150
4/23/2019	14	74	150	150
4/23/2019	15	73	150	150
4/23/2019	16	72	150	150
4/23/2019	17	69	150	150
4/23/2019	18	70	150	150
4/23/2019	19	71	150	150
4/23/2019	20	70	150	150
4/23/2019	21	68	150	150
4/23/2019	22	63	150	150
4/23/2019	23	59	148	148
4/23/2019	24	55	133	133
4/24/2019	1	52	150	150
4/24/2019	2	50	146	146
4/24/2019	3	48	138	138
4/24/2019	4	48	135	135
4/24/2019	5	48	136	136
4/24/2019	6	49	138	138
4/24/2019	7	49	140	140
4/24/2019	8	56	149	149
4/24/2019	9	65	150	150
4/24/2019	10	71	150	150
4/24/2019	11	73	150	150
4/24/2019	12	72	150	150
4/24/2019	13	73	150	150
4/24/2019	14	75	150	150
4/24/2019	15	73	150	150
4/24/2019	16	72	150	150
4/24/2019	17	69	150	150
4/24/2019	18	69	150	150
4/24/2019	19	71	150	150
4/24/2019	20	69	150	150
4/24/2019	21	68	150	150
4/24/2019	22	64	150	150
4/24/2019	23	60	150	
4/24/2019	24	55	150	150
4/25/2019	1	52	140	139
4/25/2019	2	51	138	138

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/25/2019	3	49	126	125
4/25/2019	4	48	120	120
4/25/2019	5	49	120	120
4/25/2019	6	49	131	130
4/25/2019	7	50	124	124
4/25/2019	8	55	148	148
4/25/2019	9	65	150	150
4/25/2019	10	70	150	150
4/25/2019	11	73	150	150
4/25/2019	12	71	150	150
4/25/2019	13	72	150	150
4/25/2019	14	75	150	150
4/25/2019	15	75	150	150
4/25/2019	16	73	150	150
4/25/2019	17	68	150	150
4/25/2019	18	70	150	150
4/25/2019	19	71	150	150
4/25/2019	20	69	150	150
4/25/2019	21	67	150	150
4/25/2019	22	64	150	150
4/25/2019	23	59	150	150
4/25/2019	24	55	140	140
4/26/2019	1	53	150	144
4/26/2019	2	51	150	136
4/26/2019	3	49	150	135
4/26/2019	4	48	150	134
4/26/2019	5	49	150	136
4/26/2019	6	50	150	136
4/26/2019	7	50	150	134
4/26/2019	8	56	150	150
4/26/2019	9	66	150	150
4/26/2019	10	71	150	150
4/26/2019	11	73	150	150
4/26/2019	12	72	150	150
4/26/2019	13	73	150	150
4/26/2019	14	74	150	150
4/26/2019	15	74	150	150
4/26/2019	16	73	150	150
4/26/2019	17	69	150	150
4/26/2019	18	70	150	150
4/26/2019	19	71	150	150
4/26/2019	20	70	150	150
4/26/2019	21	69	150	150
4/26/2019	22	64	150	150
4/26/2019	23	60	150	150
4/26/2019	24	56	150	150
4/27/2019	1	53	150	150
4/27/2019	2	51	150	150
4/27/2019	3	50	150	150
4/27/2019	4	48	150	150
4/27/2019	5	49	150	150
4/27/2019	6	49	150	150
4/27/2019	7	48	150	150
4/27/2019	8	51	150	150
4/27/2019	9	59	150	150
4/27/2019	10	64	150	150
4/27/2019	11	67	150	150
4/27/2019	12	66	150	150
4/27/2019	13	66	150	150
4/27/2019	14	69	150	150
4/27/2019	15	68	150	150
4/27/2019	16	67	150	150
4/27/2019	17	65	150	150
4/27/2019	18	68	150	150
4/27/2019	19	69	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/27/2019	20	69	150	150
4/27/2019	21	65	150	150
4/27/2019	22	62	150	150
4/27/2019	23	57	150	150
4/27/2019	24	55	150	150
4/28/2019	1	51	150	150
4/28/2019	2	49	150	150
4/28/2019	3	47	150	150
4/28/2019	4	46	150	150
4/28/2019	5	46	150	147
4/28/2019	6	45	150	150
4/28/2019	7	45	150	150
4/28/2019	8	48	150	150
4/28/2019	9	52	150	150
4/28/2019	10	57	150	150
4/28/2019	11	60	150	150
4/28/2019	12	60	150	150
4/28/2019	13	61	150	150
4/28/2019	14	62	150	150
4/28/2019	15	62	150	150
4/28/2019	16	60	150	150
4/28/2019	17	58	150	150
4/28/2019	18	64	150	150
4/28/2019	19	66	150	150
4/28/2019	20	66	150	150
4/28/2019	21	63	150	150
4/28/2019	22	60	150	150
4/28/2019	23	55	150	150
4/28/2019	24	52	150	150
4/29/2019	1	50	150	150
4/29/2019	2	48	150	150
4/29/2019	3	46	150	150
4/29/2019	4	45	150	150
4/29/2019	5	46	150	150
4/29/2019	6	48	150	150
4/29/2019	7	48	150	150
4/29/2019	8	56	150	150
4/29/2019	9	65	150	150
4/29/2019	10	72	150	150
4/29/2019	11	73	150	150
4/29/2019	12	72	150	150
4/29/2019	13	73	150	150
4/29/2019	14	75	150	150
4/29/2019	15	74	150	150
4/29/2019	16	72	150	150
4/29/2019	17	69	150	150
4/29/2019	18	70	150	150
4/29/2019	19	71	150	150
4/29/2019	20	68	150	150
4/29/2019	21	66	150	150
4/29/2019	22	63	150	150
4/29/2019	23	59	150	
4/29/2019	24	55	150	150
4/30/2019	1	53	146	146
4/30/2019	2	51	141	141
4/30/2019	3	50	137	137
4/30/2019	4	49	133	133
4/30/2019	5	49	133	133
4/30/2019	6	50	134	134
4/30/2019	7	50	135	135
4/30/2019	8	57	150	150
4/30/2019	9	66	150	150
4/30/2019	10	70	150	150
4/30/2019	11	73	150	150
4/30/2019	12	73	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/30/2019	13	73	150	150
4/30/2019	14	74	150	150
4/30/2019	15	74	150	150
4/30/2019	16	73	150	150
4/30/2019	17	68	150	150
4/30/2019	18	70	150	150
4/30/2019	19	71	150	150
4/30/2019	20	69	150	150
4/30/2019	21	67	150	150
4/30/2019	22	63	150	150
4/30/2019	23	59	150	150
4/30/2019	24	55	150	150
5/1/2019	1	52	147	147
5/1/2019	2	50	137	137
5/1/2019	3	49	136	136
5/1/2019	4	48	132	131
5/1/2019	5	47	130	130
5/1/2019	6	48	132	132
5/1/2019	7	48	131	130
5/1/2019	8	53	133	133
5/1/2019	9	58	147	147
5/1/2019	10	64	148	145
5/1/2019	11	67	150	150
5/1/2019	12	67	150	150
5/1/2019	13	68	150	150
5/1/2019	14	69	150	150
5/1/2019	15	68	150	150
5/1/2019	16	66	150	150
5/1/2019	17	65	150	150
5/1/2019	18	69	150	150
5/1/2019	19	71	150	150
5/1/2019	20	69	150	150
5/1/2019	21	65	150	150
5/1/2019	22	61	150	150
5/1/2019	23	58	150	150
5/1/2019	24	54	147	147
5/2/2019	1	51	150	150
5/2/2019	2	49	150	150
5/2/2019	3	47	150	150
5/2/2019	4	46	150	150
5/2/2019	5	47	150	150
5/2/2019	6	49	150	150
5/2/2019	7	49	150	150
5/2/2019	8	58	150	150
5/2/2019	9	65	150	150
5/2/2019	10	71	150	150
5/2/2019	11	73	150	150
5/2/2019	12	73	150	150
5/2/2019	13	74	150	150
5/2/2019	14	77	150	150
5/2/2019	15	75	150	150
5/2/2019	16	74	150	150
5/2/2019	17	70	150	150
5/2/2019	18	71	150	150
5/2/2019	19	72	150	150
5/2/2019	20	69	150	150
5/2/2019	21	67	150	150
5/2/2019	22	63	150	150
5/2/2019	23	59	150	150
5/2/2019	24	55	150	150
5/3/2019	1	49	123	122
5/3/2019	2	47	117	117
5/3/2019	3	46	116	116
5/3/2019	4	45	116	116
5/3/2019	5	46	116	116

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/3/2019	6	49	119	119
5/3/2019	7	48	119	119
5/3/2019	8	56	130	129
5/3/2019	9	64	149	148
5/3/2019	10	70	150	150
5/3/2019	11	73	150	150
5/3/2019	12	72	150	150
5/3/2019	13	73	150	150
5/3/2019	14	75	150	150
5/3/2019	15	74	150	150
5/3/2019	16	71	150	150
5/3/2019	17	68	150	150
5/3/2019	18	69	150	150
5/3/2019	19	70	150	150
5/3/2019	20	67	150	150
5/3/2019	21	64	150	150
5/3/2019	22	62	150	150
5/3/2019	23	59	140	138
5/3/2019	24	55	131	131
5/4/2019	1	52	147	147
5/4/2019	2	50	144	144
5/4/2019	3	49	138	138
5/4/2019	4	48	135	135
5/4/2019	5	48	130	130
5/4/2019	6	49	127	126
5/4/2019	7	49	128	128
5/4/2019	8	53	133	133
5/4/2019	9	60	150	150
5/4/2019	10	64	150	150
5/4/2019	11	67	150	150
5/4/2019	12	66	150	150
5/4/2019	13	66	150	150
5/4/2019	14	68	150	150
5/4/2019	15	68	150	150
5/4/2019	16	65	150	150
5/4/2019	17	64	150	150
5/4/2019	18	67	150	150
5/4/2019	19	69	150	150
5/4/2019	20	68	150	150
5/4/2019	21	64	150	150
5/4/2019	22	61	150	150
5/4/2019	23	59	150	
5/4/2019	24	53	148	148
5/5/2019	1	51	138	138
5/5/2019	2	49	132	132
5/5/2019	3	48	120	119
5/5/2019	4	47	119	119
5/5/2019	5	47	117	117
5/5/2019	6	46	115	115
5/5/2019	7	47	120	120
5/5/2019	8	49	120	120
5/5/2019	9	53	141	141
5/5/2019	10	57	143	143
5/5/2019	11	60	150	150
5/5/2019	12	60	150	150
5/5/2019	13	60	150	150
5/5/2019	14	62	150	150
5/5/2019	15	61	150	150
5/5/2019	16	59	150	150
5/5/2019	17	57	150	150
5/5/2019	18	63	150	150
5/5/2019	19	66	150	150
5/5/2019	20	65	150	150
5/5/2019	21	63	150	150
5/5/2019	22	59	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/5/2019	23	56	150	150
5/5/2019	24	53	147	147
5/6/2019	1	50	128	128
5/6/2019	2	48	120	120
5/6/2019	3	47	114	114
5/6/2019	4	46	114	114
5/6/2019	5	46	114	114
5/6/2019	6	48	121	121
5/6/2019	7	48	115	115
5/6/2019	8	57	130	130
5/6/2019	9	63	150	150
5/6/2019	10	68	150	150
5/6/2019	11	73	150	150
5/6/2019	12	73	150	150
5/6/2019	13	74	150	150
5/6/2019	14	76	150	150
5/6/2019	15	76	150	150
5/6/2019	16	73	150	150
5/6/2019	17	71	150	150
5/6/2019	18	70	150	150
5/6/2019	19	71	150	150
5/6/2019	20	69	150	150
5/6/2019	21	67	150	150
5/6/2019	22	63	150	150
5/6/2019	23	58	147	147
5/6/2019	24	54	140	138
5/7/2019	1	52	126	126
5/7/2019	2	50	120	120
5/7/2019	3	49	117	117
5/7/2019	4	49	116	116
5/7/2019	5	48	116	116
5/7/2019	6	50	118	118
5/7/2019	7	50	118	118
5/7/2019	8	57	123	123
5/7/2019	9	66	150	150
5/7/2019	10	71	150	150
5/7/2019	11	74	150	150
5/7/2019	12	72	150	150
5/7/2019	13	74	150	150
5/7/2019	14	76	150	150
5/7/2019	15	75	150	150
5/7/2019	16	73	150	150
5/7/2019	17	68	150	150
5/7/2019	18	70	150	150
5/7/2019	19	71	150	150
5/7/2019	20	69	150	150
5/7/2019	21	67	150	150
5/7/2019	22	63	150	150
5/7/2019	23	59	148	148
5/7/2019	24	55	132	132
5/8/2019	1	54	116	116
5/8/2019	2	52	115	115
5/8/2019	3	51	115	115
5/8/2019	4	49	113	113
5/8/2019	5	49	113	113
5/8/2019	6	50	114	114
5/8/2019	7	51	114	114
5/8/2019	8	57	125	125
5/8/2019	9	67	130	130
5/8/2019	10	72	145	145
5/8/2019	11	75	150	150
5/8/2019	12	73	150	150
5/8/2019	13	75	150	150
5/8/2019	14	77	150	150
5/8/2019	15	76	150	150

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/8/2019	16	76	150	150
5/8/2019	17	71	150	150
5/8/2019	18	70	150	150
5/8/2019	19	73	150	150
5/8/2019	20	71	150	150
5/8/2019	21	69	150	150
5/8/2019	22	64	150	150
5/8/2019	23	60	135	
5/8/2019	24	56	130	130
5/9/2019	1	56	135	135
5/9/2019	2	54	128	128
5/9/2019	3	53	116	116
5/9/2019	4	51	117	117
5/9/2019	5	51	115	115
5/9/2019	6	53	118	118
5/9/2019	7	52	114	114
5/9/2019	8	60	125	125
5/9/2019	9	68	145	145
5/9/2019	10	73	150	150
5/9/2019	11	77	150	150
5/9/2019	12	76	150	150
5/9/2019	13	76	150	150
5/9/2019	14	77	150	150
5/9/2019	15	77	150	150
5/9/2019	16	77	150	150
5/9/2019	17	72	150	150
5/9/2019	18	73	150	150
5/9/2019	19	74	150	150
5/9/2019	20	73	150	150
5/9/2019	21	71	150	150
5/9/2019	22	67	150	150
5/9/2019	23	63	150	150
5/9/2019	24	59	135	135
5/10/2019	1	56	150	150
5/10/2019	2	54	150	150
5/10/2019	3	53	150	150
5/10/2019	4	51	150	150
5/10/2019	5	52	150	150
5/10/2019	6	51	150	150
5/10/2019	7	51	150	150
5/10/2019	8	58	150	150
5/10/2019	9	68	150	150
5/10/2019	10	73	150	150
5/10/2019	11	77	150	150
5/10/2019	12	77	150	150
5/10/2019	13	78	150	150
5/10/2019	14	79	150	150
5/10/2019	15	78	150	150
5/10/2019	16	76	150	150
5/10/2019	17	72	150	150
5/10/2019	18	74	150	150
5/10/2019	19	75	150	150
5/10/2019	20	73	150	150
5/10/2019	21	72	150	150
5/10/2019	22	68	150	150
5/10/2019	23	65	150	150
5/10/2019	24	60	150	150
5/11/2019	1	55	150	150
5/11/2019	2	53	150	150
5/11/2019	3	52	150	150
5/11/2019	4	51	150	150
5/11/2019	5	51	150	150
5/11/2019	6	51	150	150
5/11/2019	7	50	150	150
5/11/2019	8	56	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/11/2019	9	62	150	150
5/11/2019	10	67	150	150
5/11/2019	11	70	150	150
5/11/2019	12	70	150	150
5/11/2019	13	71	150	150
5/11/2019	14	72	150	150
5/11/2019	15	70	150	150
5/11/2019	16	68	150	150
5/11/2019	17	66	150	150
5/11/2019	18	69	150	150
5/11/2019	19	71	150	150
5/11/2019	20	70	150	150
5/11/2019	21	68	150	150
5/11/2019	22	65	150	150
5/11/2019	23	61	150	
5/11/2019	24	57	150	150
5/12/2019	1	51	138	138
5/12/2019	2	50	134	134
5/12/2019	3	49	131	131
5/12/2019	4	48	127	127
5/12/2019	5	49	127	127
5/12/2019	6	48	122	122
5/12/2019	7	48	126	122
5/12/2019	8	51	127	127
5/12/2019	9	53	134	134
5/12/2019	10	58	139	139
5/12/2019	11	61	141	141
5/12/2019	12	61	148	148
5/12/2019	13	62	149	149
5/12/2019	14	62	150	150
5/12/2019	15	61	150	150
5/12/2019	16	61	150	150
5/12/2019	17	59	150	150
5/12/2019	18	64	150	150
5/12/2019	19	66	150	150
5/12/2019	20	65	150	150
5/12/2019	21	64	150	150
5/12/2019	22	61	150	150
5/12/2019	23	57	146	146
5/12/2019	24	53	130	130
5/13/2019	1	52	119	119
5/13/2019	2	51	117	117
5/13/2019	3	50	116	116
5/13/2019	4	48	115	115
5/13/2019	5	47	114	114
5/13/2019	6	47	117	117
5/13/2019	7	46	117	117
5/13/2019	8	48	124	124
5/13/2019	9	54	150	150
5/13/2019	10	58	150	150
5/13/2019	11	62	150	150
5/13/2019	12	63	150	150
5/13/2019	13	63	150	150
5/13/2019	14	63	150	150
5/13/2019	15	63	150	150
5/13/2019	16	61	150	150
5/13/2019	17	60	150	150
5/13/2019	18	63	150	150
5/13/2019	19	65	150	150
5/13/2019	20	63	150	150
5/13/2019	21	61	150	150
5/13/2019	22	57	150	150
5/13/2019	23	54	144	
5/13/2019	24	51	134	134
5/15/2019	1	55	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/15/2019	2	54	150	150
5/15/2019	3	53	146	146
5/15/2019	4	51	141	141
5/15/2019	5	51	141	141
5/15/2019	6	51	142	142
5/15/2019	7	51	139	139
5/15/2019	8	58	150	150
5/15/2019	9	69	150	150
5/15/2019	10	74	150	150
5/15/2019	11	77	150	150
5/15/2019	12	78	150	150
5/15/2019	13	78	150	150
5/15/2019	14	80	150	150
5/15/2019	15	77	150	150
5/15/2019	16	77	150	150
5/15/2019	17	74	150	150
5/15/2019	18	75	150	150
5/15/2019	19	76	150	150
5/15/2019	20	74	150	150
5/15/2019	21	74	150	150
5/15/2019	22	69	150	150
5/15/2019	23	68	150	150
5/15/2019	24	61	150	150
5/16/2019	1	52	132	132
5/16/2019	2	51	132	132
5/16/2019	3	49	129	129
5/16/2019	4	49	126	126
5/16/2019	5	50	128	128
5/16/2019	6	51	130	130
5/16/2019	7	52	130	130
5/16/2019	8	59	140	140
5/16/2019	9	68	148	148
5/16/2019	10	72	150	150
5/16/2019	11	76	150	150
5/16/2019	12	75	150	150
5/16/2019	13	76	150	150
5/16/2019	14	78	150	150
5/16/2019	15	76	150	150
5/16/2019	16	74	150	150
5/16/2019	17	71	150	150
5/16/2019	18	72	150	150
5/16/2019	19	72	150	150
5/16/2019	20	69	150	150
5/16/2019	21	66	143	143
5/16/2019	22	62	133	133
5/16/2019	23	58	132	
5/16/2019	24	55	135	135
5/17/2019	1	52	150	150
5/17/2019	2	51	147	147
5/17/2019	3	50	139	139
5/17/2019	4	49	135	135
5/17/2019	5	49	136	136
5/17/2019	6	50	137	137
5/17/2019	7	49	136	136
5/17/2019	8	57	150	150
5/17/2019	9	66	150	150
5/17/2019	10	68	150	150
5/17/2019	11	73	150	150
5/17/2019	12	72	150	150
5/17/2019	13	74	150	150
5/17/2019	14	75	150	150
5/17/2019	15	74	150	150
5/17/2019	16	72	150	150
5/17/2019	17	69	150	150
5/17/2019	18	70	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/17/2019	19	71	150	150
5/17/2019	20	69	150	150
5/17/2019	21	67	150	150
5/17/2019	22	62	150	150
5/17/2019	23	58	150	150
5/17/2019	24	54	150	150
5/18/2019	1	52	150	150
5/18/2019	2	50	150	150
5/18/2019	3	49	150	150
5/18/2019	4	48	150	150
5/18/2019	5	48	150	150
5/18/2019	6	48	150	150
5/18/2019	7	48	145	145
5/18/2019	8	52	150	150
5/18/2019	9	60	150	150
5/18/2019	10	65	150	150
5/18/2019	11	68	150	150
5/18/2019	12	67	150	150
5/18/2019	13	68	150	150
5/18/2019	14	68	150	150
5/18/2019	15	68	150	150
5/18/2019	16	66	150	150
5/18/2019	17	64	150	150
5/18/2019	18	67	150	150
5/18/2019	19	68	150	150
5/18/2019	20	67	150	150
5/18/2019	21	66	150	150
5/18/2019	22	64	150	150
5/18/2019	23	60	150	150
5/18/2019	24	57	150	150
5/19/2019	1	51	150	150
5/19/2019	2	50	150	150
5/19/2019	3	49	148	148
5/19/2019	4	47	150	150
5/19/2019	5	48	150	150
5/19/2019	6	48	149	149
5/19/2019	7	48	142	142
5/19/2019	8	50	150	150
5/19/2019	9	53	150	150
5/19/2019	10	57	150	150
5/19/2019	11	59	150	150
5/19/2019	12	59	150	150
5/19/2019	13	60	150	150
5/19/2019	14	61	150	150
5/19/2019	15	60	150	150
5/19/2019	16	58	150	150
5/19/2019	17	58	150	150
5/19/2019	18	62	150	150
5/19/2019	19	65	150	150
5/19/2019	20	64	150	150
5/19/2019	21	63	150	150
5/19/2019	22	59	150	150
5/19/2019	23	56	150	
5/19/2019	24	52	150	150
5/20/2019	1	50	150	150
5/20/2019	2	48	150	150
5/20/2019	3	46	148	148
5/20/2019	4	45	150	150
5/20/2019	5	46	150	150
5/20/2019	6	47	149	149
5/20/2019	7	47	142	142
5/20/2019	8	56	150	150
5/20/2019	9	65	150	150
5/20/2019	10	70	150	150
5/20/2019	11	73	150	150

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/20/2019	12	73	150	150
5/20/2019	13	74	150	150
5/20/2019	14	76	150	150
5/20/2019	15	76	150	150
5/20/2019	16	75	150	150
5/20/2019	17	72	150	150
5/20/2019	18	72	150	150
5/20/2019	19	74	150	150
5/20/2019	20	72	150	150
5/20/2019	21	71	150	150
5/20/2019	22	66	150	150
5/20/2019	23	61	150	150
5/20/2019	24	57	150	150
5/21/2019	1	54	150	150
5/21/2019	2	53	150	150
5/21/2019	3	51	144	144
5/21/2019	4	50	137	137
5/21/2019	5	50	138	138
5/21/2019	6	50	137	137
5/21/2019	7	51	133	133
5/21/2019	8	59	145	145
5/21/2019	9	67	150	150
5/21/2019	10	73	150	150
5/21/2019	11	77	150	150
5/21/2019	12	76	150	150
5/21/2019	13	77	150	150
5/21/2019	14	78	150	150
5/21/2019	15	77	150	150
5/21/2019	16	76	150	150
5/21/2019	17	72	150	150
5/21/2019	18	73	150	150
5/21/2019	19	73	150	150
5/21/2019	20	73	150	150
5/21/2019	21	71	150	150
5/21/2019	22	66	150	150
5/21/2019	23	63	150	150
5/21/2019	24	59	150	150
5/22/2019	1	53	150	150
5/22/2019	2	51	150	150
5/22/2019	3	51	146	146
5/22/2019	4	49	139	139
5/22/2019	5	49	138	138
5/22/2019	6	50	134	134
5/22/2019	7	50	133	133
5/22/2019	8	58	148	143
5/22/2019	9	67	150	150
5/22/2019	10	73	150	150
5/22/2019	11	76	150	150
5/22/2019	12	75	150	150
5/22/2019	13	76	150	150
5/22/2019	14	79	150	150
5/22/2019	15	76	150	150
5/22/2019	16	75	150	150
5/22/2019	17	72	150	150
5/22/2019	18	72	150	150
5/22/2019	19	73	150	150
5/22/2019	20	72	150	150
5/22/2019	21	70	150	150
5/22/2019	22	65	150	150
5/22/2019	23	61	150	
5/22/2019	24	57	150	150
5/23/2019	1	54	150	150
5/23/2019	2	52	142	142
5/23/2019	3	51	139	139
5/23/2019	4	50	135	135

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/23/2019	5	50	138	138
5/23/2019	6	48	130	130
5/23/2019	7	48	131	131
5/23/2019	8	58	150	150
5/23/2019	9	67	150	150
5/23/2019	10	71	150	150
5/23/2019	11	75	150	150
5/23/2019	12	74	150	150
5/23/2019	13	76	150	150
5/23/2019	14	78	150	150
5/23/2019	15	76	150	150
5/23/2019	16	75	150	150
5/23/2019	17	72	150	150
5/23/2019	18	72	150	150
5/23/2019	19	72	150	150
5/23/2019	20	70	150	150
5/23/2019	21	68	150	150
5/23/2019	22	64	150	150
5/23/2019	23	60	150	150
5/23/2019	24	56	150	150
5/24/2019	1	54	150	150
5/24/2019	2	52	145	145
5/24/2019	3	52	145	145
5/24/2019	4	50	137	137
5/24/2019	5	50	137	137
5/24/2019	6	50	137	137
5/24/2019	7	51	141	141
5/24/2019	8	58	150	150
5/24/2019	9	68	150	150
5/24/2019	10	72	150	150
5/24/2019	11	77	150	150
5/24/2019	12	76	150	150
5/24/2019	13	76	150	150
5/24/2019	14	78	150	150
5/24/2019	15	76	150	150
5/24/2019	16	74	150	150
5/24/2019	17	72	150	150
5/24/2019	18	72	150	150
5/24/2019	19	72	150	150
5/24/2019	20	70	150	150
5/24/2019	21	68	150	150
5/24/2019	22	64	150	150
5/24/2019	23	60	150	150
5/24/2019	24	56	150	150
5/25/2019	1	52	150	150
5/25/2019	2	51	142	142
5/25/2019	3	50	135	142
5/25/2019	4	48	135	135
5/25/2019	5	48	136	136
5/25/2019	6	48	133	133
5/25/2019	7	48	134	134
5/25/2019	8	53	146	146
5/25/2019	9	62	150	150
5/25/2019	10	67	150	150
5/25/2019	11	69	150	150
5/25/2019	12	69	150	150
5/25/2019	13	69	150	150
5/25/2019	14	71	150	150
5/25/2019	15	69	150	150
5/25/2019	16	67	150	150
5/25/2019	17	66	150	150
5/25/2019	18	68	150	150
5/25/2019	19	69	150	150
5/25/2019	20	68	150	150
5/25/2019	21	67	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/25/2019	22	63	150	150
5/25/2019	23	59	150	150
5/25/2019	24	54	150	150
5/26/2019	1	53	150	150
5/26/2019	2	51	146	146
5/26/2019	3	49	138	138
5/26/2019	4	47	135	135
5/26/2019	5	47	135	135
5/26/2019	6	47	132	132
5/26/2019	7	47	128	128
5/26/2019	8	49	128	128
5/26/2019	9	54	133	133
5/26/2019	10	57	150	150
5/26/2019	11	60	150	150
5/26/2019	12	61	150	150
5/26/2019	13	62	150	150
5/26/2019	14	63	150	150
5/26/2019	15	62	150	150
5/26/2019	16	61	150	150
5/26/2019	17	60	150	150
5/26/2019	18	63	150	150
5/26/2019	19	67	150	150
5/26/2019	20	66	150	150
5/26/2019	21	65	150	150
5/26/2019	22	62	150	150
5/26/2019	23	58	150	150
5/26/2019	24	55	150	138
5/27/2019	1	52	149	140
5/27/2019	2	49	136	132
5/27/2019	3	48	136	131
5/27/2019	4	46	136	129
5/27/2019	5	46	136	128
5/27/2019	6	47	136	131
5/27/2019	7	48	136	130
5/27/2019	8	56	150	150
5/27/2019	9	65	150	150
5/27/2019	10	71	150	150
5/27/2019	11	73	150	150
5/27/2019	12	73	150	150
5/27/2019	13	75	150	150
5/27/2019	14	78	150	150
5/27/2019	15	78	150	150
5/27/2019	16	76	150	150
5/27/2019	17	72	150	150
5/27/2019	18	72	150	150
5/27/2019	19	72	150	150
5/27/2019	20	71	150	150
5/27/2019	21	69	150	150
5/27/2019	22	64	150	150
5/27/2019	23	59	150	
5/27/2019	24	56	150	150
5/28/2019	1	54	150	150
5/28/2019	2	52	150	150
5/28/2019	3	51	150	137
5/28/2019	4	50	150	128
5/28/2019	5	49	150	130
5/28/2019	6	49	150	125
5/28/2019	7	51	150	123
5/28/2019	8	58	150	125
5/28/2019	9	68	150	150
5/28/2019	10	72	150	150
5/28/2019	11	75	150	150
5/28/2019	12	75	150	150
5/28/2019	13	76	150	150
5/28/2019	14	77	150	150

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/28/2019	15	77	150	150
5/28/2019	16	75	150	150
5/28/2019	17	71	150	150
5/28/2019	18	72	150	150
5/28/2019	19	70	150	150
5/28/2019	20	70	150	150
5/28/2019	21	69	150	150
5/28/2019	22	63	150	150
5/28/2019	23	60	150	150
5/28/2019	24	56	150	139
5/29/2019	1	55	150	150
5/29/2019	2	54	150	150
5/29/2019	3	53	150	150
5/29/2019	4	51	150	150
5/29/2019	5	51	150	150
5/29/2019	6	51	150	150
5/29/2019	7	52	150	150
5/29/2019	8	59	150	150
5/29/2019	9	69	150	150
5/29/2019	10	73	150	150
5/29/2019	11	77	150	150
5/29/2019	12	77	150	150
5/29/2019	13	78	150	150
5/29/2019	14	80	150	150
5/29/2019	15	78	150	150
5/29/2019	16	77	150	150
5/29/2019	17	73	150	150
5/29/2019	18	74	150	150
5/29/2019	19	75	150	150
5/29/2019	20	72	150	150
5/29/2019	21	71	150	150
5/29/2019	22	64	150	150
5/29/2019	23	62	150	150
5/29/2019	24	58	150	150
5/30/2019	1	56	150	150
5/30/2019	2	54	150	150
5/30/2019	3	53	150	150
5/30/2019	4	52	150	150
5/30/2019	5	51	150	150
5/30/2019	6	52	150	150
5/30/2019	7	52	150	150
5/30/2019	8	60	150	150
5/30/2019	9	68	150	150
5/30/2019	10	74	150	150
5/30/2019	11	78	150	150
5/30/2019	12	77	150	150
5/30/2019	13	78	150	150
5/30/2019	14	81	150	150
5/30/2019	15	79	150	150
5/30/2019	16	77	150	150
5/30/2019	17	73	150	150
5/30/2019	18	73	150	150
5/30/2019	19	75	150	150
5/30/2019	20	73	150	150
5/30/2019	21	72	150	150
5/30/2019	22	64	150	150
5/30/2019	23	62	150	150
5/30/2019	24	59	150	150
6/1/2019	1	53	150	150
6/1/2019	2	51	150	150
6/1/2019	3	51	150	150
6/1/2019	4	48	150	150
6/1/2019	5	48	150	150
6/1/2019	6	47	145	140
6/1/2019	7	49	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/1/2019	8	53	150	150
6/1/2019	9	60	150	150
6/1/2019	10	64	150	150
6/1/2019	11	68	150	150
6/1/2019	12	67	150	150
6/1/2019	13	68	150	150
6/1/2019	14	69	150	150
6/1/2019	15	68	150	150
6/1/2019	16	66	150	150
6/1/2019	17	64	150	150
6/1/2019	18	67	150	150
6/1/2019	19	69	150	150
6/1/2019	20	68	150	150
6/1/2019	21	66	150	150
6/1/2019	22	64	150	150
6/1/2019	23	59	150	150
6/1/2019	24	54	145	136
6/2/2019	1	53	150	150
6/2/2019	2	50	143	143
6/2/2019	3	49	143	135
6/2/2019	4	48	141	135
6/2/2019	5	47	142	135
6/2/2019	6	46	142	129
6/2/2019	7	46	142	125
6/2/2019	8	48	144	130
6/2/2019	9	51	144	127
6/2/2019	10	55	150	150
6/2/2019	11	59	150	150
6/2/2019	12	59	150	150
6/2/2019	13	60	150	150
6/2/2019	14	61	150	150
6/2/2019	15	60	150	150
6/2/2019	16	59	150	150
6/2/2019	17	58	150	150
6/2/2019	18	60	150	150
6/2/2019	19	66	150	150
6/2/2019	20	65	150	150
6/2/2019	21	63	150	150
6/2/2019	22	57	150	150
6/2/2019	23	53	150	
6/2/2019	24	50	143	125
6/3/2019	1	50	145	140
6/3/2019	2	49	145	135
6/3/2019	3	48	145	135
6/3/2019	4	46	144	135
6/3/2019	5	47	145	135
6/3/2019	6	47	145	135
6/3/2019	7	48	145	135
6/3/2019	8	55	150	150
6/3/2019	9	67	150	150
6/3/2019	10	71	150	150
6/3/2019	11	75	150	150
6/3/2019	12	73	150	150
6/3/2019	13	75	150	150
6/3/2019	14	78	150	150
6/3/2019	15	77	150	150
6/3/2019	16	76	150	150
6/3/2019	17	72	150	150
6/3/2019	18	71	150	150
6/3/2019	19	72	150	150
6/3/2019	20	71	150	150
6/3/2019	21	70	150	150
6/3/2019	22	65	150	150
6/3/2019	23	60	150	150
6/3/2019	24	56	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/4/2019	1	53	150	150
6/4/2019	2	52	150	150
6/4/2019	3	51	150	150
6/4/2019	4	50	150	150
6/4/2019	5	51	150	150
6/4/2019	6	52	150	150
6/4/2019	7	50	150	150
6/4/2019	8	56	150	150
6/4/2019	9	66	150	150
6/4/2019	10	72	150	150
6/4/2019	11	74	150	150
6/4/2019	12	73	150	150
6/4/2019	13	75	150	150
6/4/2019	14	77	150	150
6/4/2019	15	75	150	150
6/4/2019	16	74	150	150
6/4/2019	17	70	150	150
6/4/2019	18	70	150	150
6/4/2019	19	71	150	150
6/4/2019	20	69	150	150
6/4/2019	21	68	150	150
6/4/2019	22	62	150	150
6/4/2019	23	58	150	150
6/4/2019	24	53	150	150
6/5/2019	1	50	150	145
6/5/2019	2	48	150	145
6/5/2019	3	47	150	140
6/5/2019	4	45	150	136
6/5/2019	5	46	150	145
6/5/2019	6	47	150	145
6/5/2019	7	46	150	145
6/5/2019	8	48	150	145
6/5/2019	9	55	150	145
6/5/2019	10	60	150	147
6/5/2019	11	64	150	147
6/5/2019	12	63	150	147
6/5/2019	13	64	150	147
6/5/2019	14	65	150	147
6/5/2019	15	64	150	147
6/5/2019	16	62	150	147
6/5/2019	17	60	150	147
6/5/2019	18	64	150	147
6/5/2019	19	65	150	147
6/5/2019	20	64	150	147
6/5/2019	21	61	150	147
6/5/2019	22	58	150	147
6/5/2019	23	54	150	
6/5/2019	24	51	150	147
6/6/2019	1	49	150	145
6/6/2019	2	48	150	145
6/6/2019	3	47	150	145
6/6/2019	4	44	150	145
6/6/2019	5	48	150	145
6/6/2019	6	50	150	145
6/6/2019	7	47	150	145
6/6/2019	8	54	150	145
6/6/2019	9	64	150	145
6/6/2019	10	69	150	147
6/6/2019	11	71	150	147
6/6/2019	12	68	150	147
6/6/2019	13	69	150	147
6/6/2019	14	73	150	147
6/6/2019	15	71	150	147
6/6/2019	16	69	150	147
6/6/2019	17	68	150	147

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/6/2019	18	70	150	147
6/6/2019	19	70	150	147
6/6/2019	20	69	150	147
6/6/2019	21	64	150	147
6/6/2019	22	60	150	147
6/6/2019	23	56	150	145
6/6/2019	24	52	150	145
6/7/2019	1	50	150	143
6/7/2019	2	48	150	143
6/7/2019	3	47	150	143
6/7/2019	4	46	150	143
6/7/2019	5	50	150	143
6/7/2019	6	49	150	143
6/7/2019	7	47	150	143
6/7/2019	8	54	150	143
6/7/2019	9	63	150	150
6/7/2019	10	69	150	150
6/7/2019	11	70	150	150
6/7/2019	12	69	150	150
6/7/2019	13	70	150	150
6/7/2019	14	72	150	150
6/7/2019	15	71	150	150
6/7/2019	16	70	150	150
6/7/2019	17	67	150	150
6/7/2019	18	70	150	150
6/7/2019	19	70	150	150
6/7/2019	20	66	150	150
6/7/2019	21	63	150	150
6/7/2019	22	58	150	146
6/7/2019	23	54	150	143
6/7/2019	24	53	150	143
6/8/2019	1	49	150	117
6/8/2019	2	47	150	117
6/8/2019	3	46	150	116
6/8/2019	4	44	150	114
6/8/2019	5	47	150	115
6/8/2019	6	47	150	116
6/8/2019	7	48	150	116
6/8/2019	8	51	150	120
6/8/2019	9	59	150	140
6/8/2019	10	64	150	147
6/8/2019	11	66	150	147
6/8/2019	12	66	150	147
6/8/2019	13	65	150	147
6/8/2019	14	67	150	147
6/8/2019	15	65	150	147
6/8/2019	16	64	150	147
6/8/2019	17	62	150	147
6/8/2019	18	66	150	147
6/8/2019	19	68	150	147
6/8/2019	20	67	150	147
6/8/2019	21	64	150	147
6/8/2019	22	59	150	147
6/8/2019	23	55	150	134
6/8/2019	24	52	150	131
6/9/2019	1	48	150	150
6/9/2019	2	47	150	150
6/9/2019	3	45	150	150
6/9/2019	4	45	150	150
6/9/2019	5	45	150	150
6/9/2019	6	46	150	150
6/9/2019	7	45	150	150
6/9/2019	8	47	150	150
6/9/2019	9	51	150	150
6/9/2019	10	54	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/9/2019	11	58	150	150
6/9/2019	12	57	150	150
6/9/2019	13	57	150	150
6/9/2019	14	59	150	150
6/9/2019	15	58	150	150
6/9/2019	16	57	150	150
6/9/2019	17	57	150	150
6/9/2019	18	63	150	150
6/9/2019	19	65	150	150
6/9/2019	20	63	150	150
6/9/2019	21	60	150	150
6/9/2019	22	53	150	150
6/9/2019	23	49	150	135
6/9/2019	24	47	150	126
6/10/2019	1	48	126	126
6/10/2019	2	46	117	116
6/10/2019	3	45	118	118
6/10/2019	4	44	118	118
6/10/2019	5	47	119	119
6/10/2019	6	48	119	119
6/10/2019	7	46	121	121
6/10/2019	8	53	140	140
6/10/2019	9	61	150	150
6/10/2019	10	67	150	150
6/10/2019	11	70	150	150
6/10/2019	12	70	150	150
6/10/2019	13	69	150	150
6/10/2019	14	72	150	150
6/10/2019	15	71	150	150
6/10/2019	16	70	150	150
6/10/2019	17	67	150	150
6/10/2019	18	68	150	150
6/10/2019	19	70	150	150
6/10/2019	20	67	147	145
6/10/2019	21	65	150	150
6/10/2019	22	57	150	150
6/10/2019	23	54	150	150
6/10/2019	24	52	144	144
6/11/2019	1	51	146	146
6/11/2019	2	50	141	141
6/11/2019	3	48	138	138
6/11/2019	4	46	139	139
6/11/2019	5	48	147	137
6/11/2019	6	49	150	140
6/11/2019	7	47	139	139
6/11/2019	8	54	150	150
6/11/2019	9	63	150	150
6/11/2019	10	70	150	150
6/11/2019	11	72	150	150
6/11/2019	12	71	150	150
6/11/2019	13	72	150	150
6/11/2019	14	74	150	150
6/11/2019	15	73	150	150
6/11/2019	16	72	150	150
6/11/2019	17	68	150	150
6/11/2019	18	69	150	150
6/11/2019	19	70	150	150
6/11/2019	20	68	150	150
6/11/2019	21	66	150	150
6/11/2019	22	62	150	150
6/11/2019	23	58	150	150
6/11/2019	24	55	150	150
6/12/2019	1	48	136	136
6/12/2019	2	47	135	131
6/12/2019	3	46	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/12/2019	4	45	135	128
6/12/2019	5	47	135	130
6/12/2019	6	46	135	133
6/12/2019	7	45	135	132
6/12/2019	8	50	144	137
6/12/2019	9	56	150	150
6/12/2019	10	61	150	150
6/12/2019	11	64	150	150
6/12/2019	12	64	150	150
6/12/2019	13	64	150	150
6/12/2019	14	66	150	150
6/12/2019	15	63	150	150
6/12/2019	16	60	150	150
6/12/2019	17	59	150	150
6/12/2019	18	62	150	150
6/12/2019	19	64	150	150
6/12/2019	20	63	150	150
6/12/2019	21	60	150	150
6/12/2019	22	54	148	131
6/12/2019	23	51	135	128
6/12/2019	24	48	135	128
6/13/2019	1	48	136	136
6/13/2019	2	47	132	131
6/13/2019	3	47	132	129
6/13/2019	4	45	131	128
6/13/2019	5	47	131	130
6/13/2019	6	48	133	133
6/13/2019	7	47	132	132
6/13/2019	8	53	150	150
6/13/2019	9	62	150	150
6/13/2019	10	68	150	150
6/13/2019	11	71	150	150
6/13/2019	12	70	150	150
6/13/2019	13	71	150	150
6/13/2019	14	73	150	150
6/13/2019	15	72	150	150
6/13/2019	16	71	150	150
6/13/2019	17	68	150	150
6/13/2019	18	68	150	150
6/13/2019	19	70	150	150
6/13/2019	20	69	150	150
6/13/2019	21	66	150	150
6/13/2019	22	61	150	150
6/13/2019	23	57	150	150
6/13/2019	24	52	150	150
6/14/2019	1	50	138	138
6/14/2019	2	49	138	133
6/14/2019	3	47	138	130
6/14/2019	4	46	138	129
6/14/2019	5	49	138	133
6/14/2019	6	49	138	136
6/14/2019	7	47	138	133
6/14/2019	8	54	139	137
6/14/2019	9	63	150	148
6/14/2019	10	69	150	148
6/14/2019	11	72	150	150
6/14/2019	12	71	150	150
6/14/2019	13	72	150	150
6/14/2019	14	73	150	150
6/14/2019	15	72	150	150
6/14/2019	16	71	150	150
6/14/2019	17	68	150	150
6/14/2019	18	69	150	150
6/14/2019	19	71	150	150
6/14/2019	20	69	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/14/2019	21	67	150	148
6/14/2019	22	62	150	148
6/14/2019	23	58	148	135
6/14/2019	24	54	138	129
6/15/2019	1	51	135	135
6/15/2019	2	50	134	134
6/15/2019	3	48	133	133
6/15/2019	4	47	130	130
6/15/2019	5	47	134	134
6/15/2019	6	48	135	135
6/15/2019	7	48	135	135
6/15/2019	8	52	139	139
6/15/2019	9	59	150	150
6/15/2019	10	65	150	150
6/15/2019	11	68	150	150
6/15/2019	12	68	150	150
6/15/2019	13	68	150	150
6/15/2019	14	69	150	150
6/15/2019	15	68	150	150
6/15/2019	16	66	150	150
6/15/2019	17	65	150	150
6/15/2019	18	67	150	150
6/15/2019	19	68	150	150
6/15/2019	20	67	150	150
6/15/2019	21	64	150	150
6/15/2019	22	61	150	150
6/15/2019	23	57	150	150
6/15/2019	24	54	150	150
6/16/2019	1	51	132	132
6/16/2019	2	49	131	131
6/16/2019	3	48	129	129
6/16/2019	4	47	128	128
6/16/2019	5	47	128	128
6/16/2019	6	47	129	129
6/16/2019	7	45	128	128
6/16/2019	8	48	130	130
6/16/2019	9	52	134	134
6/16/2019	10	56	145	145
6/16/2019	11	59	150	150
6/16/2019	12	59	150	150
6/16/2019	13	60	150	150
6/16/2019	14	61	150	150
6/16/2019	15	60	150	150
6/16/2019	16	58	150	150
6/16/2019	17	58	150	150
6/16/2019	18	62	150	150
6/16/2019	19	65	150	150
6/16/2019	20	65	150	150
6/16/2019	21	62	150	150
6/16/2019	22	57	138	138
6/16/2019	23	53	129	150
6/16/2019	24	51	125	125
6/17/2019	1	51	140	140
6/17/2019	2	49	138	138
6/17/2019	3	48	132	132
6/17/2019	4	47	130	130
6/17/2019	5	47	132	132
6/17/2019	6	48	134	134
6/17/2019	7	49	134	134
6/17/2019	8	57	147	129
6/17/2019	9	66	148	148
6/17/2019	10	70	150	150
6/17/2019	11	73	150	150
6/17/2019	12	73	150	150
6/17/2019	13	74	150	150

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/17/2019	14	75	150	150
6/17/2019	15	73	150	150
6/17/2019	16	71	150	150
6/17/2019	17	69	150	150
6/17/2019	18	71	150	150
6/17/2019	19	73	150	150
6/17/2019	20	69	147	135
6/17/2019	21	67	148	148
6/17/2019	22	62	147	141
6/17/2019	23	59	147	124
6/17/2019	24	55	143	143
6/18/2019	1	51	150	150
6/18/2019	2	49	150	150
6/18/2019	3	47	150	150
6/18/2019	4	47	150	150
6/18/2019	5	49	150	150
6/18/2019	6	52	150	150
6/18/2019	7	49	150	150
6/18/2019	8	54	150	150
6/18/2019	9	64	150	150
6/18/2019	10	68	150	150
6/18/2019	11	72	150	150
6/18/2019	12	71	150	150
6/18/2019	13	72	150	150
6/18/2019	14	74	150	150
6/18/2019	15	73	150	150
6/18/2019	16	71	150	150
6/18/2019	17	68	150	150
6/18/2019	18	70	150	150
6/18/2019	19	71	150	150
6/18/2019	20	69	150	150
6/18/2019	21	67	150	150
6/18/2019	22	63	150	150
6/18/2019	23	59	150	150
6/18/2019	24	54	150	150
6/19/2019	1	51	135	135
6/19/2019	2	50	132	132
6/19/2019	3	49	126	132
6/19/2019	4	49	125	125
6/19/2019	5	51	127	127
6/19/2019	6	51	129	129
6/19/2019	7	50	129	129
6/19/2019	8	57	150	150
6/19/2019	9	66	150	150
6/19/2019	10	70	150	150
6/19/2019	11	72	150	150
6/19/2019	12	72	150	150
6/19/2019	13	73	150	150
6/19/2019	14	74	150	150
6/19/2019	15	73	150	150
6/19/2019	16	71	150	150
6/19/2019	17	69	150	150
6/19/2019	18	71	150	150
6/19/2019	19	71	150	150
6/19/2019	20	68	150	150
6/19/2019	21	67	150	150
6/19/2019	22	62	150	150
6/19/2019	23	58	150	150
6/19/2019	24	54	135	135
6/20/2019	1	52	135	135
6/20/2019	2	51	133	133
6/20/2019	3	49	126	126
6/20/2019	4	49	126	126
6/20/2019	5	49	128	128
6/20/2019	6	49	129	129

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/20/2019	7	50	128	128
6/20/2019	8	57	140	140
6/20/2019	9	66	150	150
6/20/2019	10	70	150	150
6/20/2019	11	72	150	150
6/20/2019	12	73	150	150
6/20/2019	13	73	150	150
6/20/2019	14	75	150	150
6/20/2019	15	74	150	150
6/20/2019	16	72	150	150
6/20/2019	17	69	150	150
6/20/2019	18	70	150	150
6/20/2019	19	71	150	150
6/20/2019	20	69	150	150
6/20/2019	21	67	150	150
6/20/2019	22	64	150	150
6/20/2019	23	58	140	140
6/20/2019	24	54	137	137
6/21/2019	1	52	145	145
6/21/2019	2	50	139	136
6/21/2019	3	49	139	138
6/21/2019	4	48	138	138
6/21/2019	5	50	143	143
6/21/2019	6	51	150	150
6/21/2019	7	48	146	146
6/21/2019	8	54	150	150
6/21/2019	9	63	150	150
6/21/2019	10	70	150	150
6/21/2019	11	72	150	150
6/21/2019	12	71	150	150
6/21/2019	13	72	150	150
6/21/2019	14	74	150	150
6/21/2019	15	72	150	150
6/21/2019	16	71	150	150
6/21/2019	17	68	150	150
6/21/2019	18	69	150	150
6/21/2019	19	70	150	150
6/21/2019	20	68	150	150
6/21/2019	21	64	150	150
6/21/2019	22	60	150	150
6/21/2019	23	56	150	150
6/21/2019	24	53	146	146
6/22/2019	1	53	138	134
6/22/2019	2	52	138	132
6/22/2019	3	51	137	130
6/22/2019	4	49	137	129
6/22/2019	5	50	137	130
6/22/2019	6	50	139	132
6/22/2019	7	48	138	132
6/22/2019	8	53	139	136
6/22/2019	9	60	150	150
6/22/2019	10	66	150	150
6/22/2019	11	68	150	150
6/22/2019	12	67	150	150
6/22/2019	13	68	150	150
6/22/2019	14	70	150	150
6/22/2019	15	69	150	150
6/22/2019	16	67	150	150
6/22/2019	17	66	150	150
6/22/2019	18	68	150	150
6/22/2019	19	69	150	150
6/22/2019	20	68	150	150
6/22/2019	21	67	150	150
6/22/2019	22	63	150	150
6/22/2019	23	60	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/22/2019	24	56	142	139
6/23/2019	1	53	137	129
6/23/2019	2	52	137	122
6/23/2019	3	50	136	125
6/23/2019	4	48	136	120
6/23/2019	5	48	136	119
6/23/2019	6	48	138	120
6/23/2019	7	48	137	127
6/23/2019	8	50	142	135
6/23/2019	9	54	150	150
6/23/2019	10	57	150	150
6/23/2019	11	60	150	150
6/23/2019	12	61	150	150
6/23/2019	13	62	150	150
6/23/2019	14	63	150	150
6/23/2019	15	63	150	150
6/23/2019	16	61	150	150
6/23/2019	17	59	150	150
6/23/2019	18	63	150	150
6/23/2019	19	66	150	150
6/23/2019	20	64	150	150
6/23/2019	21	62	150	150
6/23/2019	22	59	150	150
6/23/2019	23	54	142	
6/23/2019	24	51	141	132
6/24/2019	1	49	145	145
6/24/2019	2	48	149	149
6/24/2019	3	46	150	150
6/24/2019	4	46	145	145
6/24/2019	5	49	150	150
6/24/2019	6	50	150	150
6/24/2019	7	47	149	149
6/24/2019	8	54	150	150
6/24/2019	9	63	150	150
6/24/2019	10	70	150	150
6/24/2019	11	72	150	150
6/24/2019	12	71	150	150
6/24/2019	13	72	150	150
6/24/2019	14	75	150	150
6/24/2019	15	75	150	150
6/24/2019	16	72	150	150
6/24/2019	17	68	150	150
6/24/2019	18	71	150	150
6/24/2019	19	71	150	150
6/24/2019	20	68	150	150
6/24/2019	21	66	150	150
6/24/2019	22	60	150	150
6/24/2019	23	54	141	136
6/24/2019	24	52	141	138
6/25/2019	1	51	142	135
6/25/2019	2	49	142	130
6/25/2019	3	48	142	128
6/25/2019	4	47	142	127
6/25/2019	5	50	142	135
6/25/2019	6	50	142	135
6/25/2019	7	47	142	130
6/25/2019	8	56	150	150
6/25/2019	9	64	150	150
6/25/2019	10	69	150	150
6/25/2019	11	72	150	150
6/25/2019	12	70	150	150
6/25/2019	13	72	150	150
6/25/2019	14	74	150	150
6/25/2019	15	73	150	150
6/25/2019	16	72	150	150

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/25/2019	17	68	150	150
6/25/2019	18	69	150	150
6/25/2019	19	72	150	150
6/25/2019	20	71	150	150
6/25/2019	21	68	150	150
6/25/2019	22	63	150	150
6/25/2019	23	59	150	150
6/25/2019	24	55	145	145
6/26/2019	1	51	139	134
6/26/2019	2	50	139	131
6/26/2019	3	49	139	129
6/26/2019	4	48	139	129
6/26/2019	5	48	139	131
6/26/2019	6	49	139	132
6/26/2019	7	49	139	130
6/26/2019	8	54	150	150
6/26/2019	9	63	150	150
6/26/2019	10	69	150	150
6/26/2019	11	72	150	150
6/26/2019	12	71	150	150
6/26/2019	13	71	150	150
6/26/2019	14	74	150	150
6/26/2019	15	72	150	150
6/26/2019	16	70	150	150
6/26/2019	17	67	150	150
6/26/2019	18	69	150	150
6/26/2019	19	71	150	150
6/26/2019	20	69	150	150
6/26/2019	21	67	150	150
6/26/2019	22	61	150	150
6/26/2019	23	57	150	150
6/26/2019	24	55	139	128
6/27/2019	1	51	150	150
6/27/2019	2	49	150	150
6/27/2019	3	48	150	150
6/27/2019	4	48	150	150
6/27/2019	5	51	150	150
6/27/2019	6	51	150	150
6/27/2019	7	48	150	150
6/27/2019	8	54	150	150
6/27/2019	9	65	150	150
6/27/2019	10	69	150	150
6/27/2019	11	73	150	150
6/27/2019	12	72	150	150
6/27/2019	13	74	150	150
6/27/2019	14	76	150	150
6/27/2019	15	75	150	150
6/27/2019	16	73	150	150
6/27/2019	17	69	150	150
6/27/2019	18	71	150	150
6/27/2019	19	73	150	150
6/27/2019	20	71	150	150
6/27/2019	21	69	150	150
6/27/2019	22	64	150	150
6/27/2019	23	59	150	150
6/27/2019	24	55	150	150
6/28/2019	1	55	135	135
6/28/2019	2	53	132	132
6/28/2019	3	51	130	130
6/28/2019	4	51	129	129
6/28/2019	5	53	131	131
6/28/2019	6	54	133	133
6/28/2019	7	50	129	129
6/28/2019	8	57	137	137
6/28/2019	9	66	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/28/2019	10	71	150	150
6/28/2019	11	75	150	150
6/28/2019	12	73	150	150
6/28/2019	13	73	150	150
6/28/2019	14	75	150	150
6/28/2019	15	74	150	150
6/28/2019	16	73	150	150
6/28/2019	17	70	150	150
6/28/2019	18	70	150	150
6/28/2019	19	73	150	150
6/28/2019	20	71	150	150
6/28/2019	21	68	150	150
6/28/2019	22	62	150	150
6/28/2019	23	58	150	145
6/28/2019	24	54	133	133
6/29/2019	1	51	132	132
6/29/2019	2	50	130	130
6/29/2019	3	49	129	129
6/29/2019	4	48	128	128
6/29/2019	5	49	130	130
6/29/2019	6	49	130	130
6/29/2019	7	49	128	128
6/29/2019	8	51	134	134
6/29/2019	9	59	130	130
6/29/2019	10	63	150	150
6/29/2019	11	68	150	150
6/29/2019	12	67	150	150
6/29/2019	13	68	150	150
6/29/2019	14	70	150	150
6/29/2019	15	69	150	150
6/29/2019	16	67	150	150
6/29/2019	17	66	150	150
6/29/2019	18	67	150	150
6/29/2019	19	70	150	150
6/29/2019	20	69	150	150
6/29/2019	21	67	150	150
6/29/2019	22	62	150	150
6/29/2019	23	57	126	126
6/29/2019	24	54	129	129
6/30/2019	1	50	132	132
6/30/2019	2	48	130	130
6/30/2019	3	47	129	129
6/30/2019	4	46	128	128
6/30/2019	5	45	130	130
6/30/2019	6	45	130	130
6/30/2019	7	46	128	128
6/30/2019	8	47	134	134
6/30/2019	9	51	125	125
6/30/2019	10	54	150	150
6/30/2019	11	59	150	150
6/30/2019	12	59	150	150
6/30/2019	13	62	150	150
6/30/2019	14	62	150	150
6/30/2019	15	57	150	150
6/30/2019	16	54	150	150
6/30/2019	17	58	150	150
6/30/2019	18	63	150	150
6/30/2019	19	65	150	150
6/30/2019	20	64	150	150
6/30/2019	21	62	150	150
6/30/2019	22	59	150	150
6/30/2019	23	53	126	126
6/30/2019	24	50	129	129
7/1/2019	1	48	132	132
7/1/2019	2	47	130	130

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/1/2019	3	45	129	130
7/1/2019	4	45	128	128
7/1/2019	5	49	130	130
7/1/2019	6	50	130	130
7/1/2019	7	47	128	128
7/1/2019	8	54	134	134
7/1/2019	9	63	150	150
7/1/2019	10	69	150	150
7/1/2019	11	72	150	150
7/1/2019	12	71	150	150
7/1/2019	13	72	150	150
7/1/2019	14	74	150	150
7/1/2019	15	73	150	150
7/1/2019	16	69	150	150
7/1/2019	17	67	150	150
7/1/2019	18	70	150	150
7/1/2019	19	71	150	150
7/1/2019	20	68	150	150
7/1/2019	21	66	150	150
7/1/2019	22	59	150	150
7/1/2019	23	56	126	126
7/1/2019	24	53	129	129
7/2/2019	1	51	113	113
7/2/2019	2	49	111	111
7/2/2019	3	48	109	109
7/2/2019	4	48	108	108
7/2/2019	5	50	109	109
7/2/2019	6	52	113	113
7/2/2019	7	48	111	111
7/2/2019	8	54	130	130
7/2/2019	9	63	150	150
7/2/2019	10	68	150	150
7/2/2019	11	71	150	150
7/2/2019	12	70	150	150
7/2/2019	13	71	150	150
7/2/2019	14	74	150	150
7/2/2019	15	73	150	150
7/2/2019	16	72	150	150
7/2/2019	17	70	150	150
7/2/2019	18	70	150	150
7/2/2019	19	73	150	150
7/2/2019	20	70	150	150
7/2/2019	21	68	150	150
7/2/2019	22	63	150	150
7/2/2019	23	58	150	150
7/2/2019	24	55	138	138
7/3/2019	1	49	113	113
7/3/2019	2	48	112	112
7/3/2019	3	47	112	112
7/3/2019	4	46	112	112
7/3/2019	5	50	111	111
7/3/2019	6	51	113	113
7/3/2019	7	49	113	113
7/3/2019	8	54	113	113
7/3/2019	9	63	150	150
7/3/2019	10	68	150	150
7/3/2019	11	72	150	150
7/3/2019	12	71	150	150
7/3/2019	13	72	150	150
7/3/2019	14	73	150	150
7/3/2019	15	72	150	150
7/3/2019	16	71	150	150
7/3/2019	17	69	150	150
7/3/2019	18	69	150	150
7/3/2019	19	71	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/3/2019	20	69	150	150
7/3/2019	21	66	150	150
7/3/2019	22	59	143	143
7/3/2019	23	55	145	145
7/3/2019	24	52	132	132
7/4/2019	1	50	133	133
7/4/2019	2	49	131	131
7/4/2019	3	47	130	130
7/4/2019	4	47	129	129
7/4/2019	5	51	131	131
7/4/2019	6	52	133	133
7/4/2019	7	48	131	131
7/4/2019	8	54	137	137
7/4/2019	9	64	150	150
7/4/2019	10	68	150	150
7/4/2019	11	71	150	150
7/4/2019	12	70	150	150
7/4/2019	13	72	150	150
7/4/2019	14	73	150	150
7/4/2019	15	72	150	150
7/4/2019	16	71	150	150
7/4/2019	17	67	150	150
7/4/2019	18	69	150	150
7/4/2019	19	70	150	150
7/4/2019	20	69	150	150
7/4/2019	21	66	150	150
7/4/2019	22	62	150	150
7/4/2019	23	56	150	150
7/4/2019	24	52	150	150
7/5/2019	1	50	130	130
7/5/2019	2	48	128	128
7/5/2019	3	47	127	127
7/5/2019	4	46	127	127
7/5/2019	5	50	130	130
7/5/2019	6	51	132	132
7/5/2019	7	47	128	128
7/5/2019	8	54	134	134
7/5/2019	9	63	150	150
7/5/2019	10	67	150	150
7/5/2019	11	71	150	150
7/5/2019	12	70	150	150
7/5/2019	13	71	150	150
7/5/2019	14	72	150	150
7/5/2019	15	71	150	150
7/5/2019	16	70	150	150
7/5/2019	17	67	150	150
7/5/2019	18	69	150	150
7/5/2019	19	70	150	150
7/5/2019	20	68	150	150
7/5/2019	21	65	150	150
7/5/2019	22	61	150	150
7/5/2019	23	56	150	150
7/5/2019	24	52	142	142
7/6/2019	1	49	128	128
7/6/2019	2	48	126	126
7/6/2019	3	47	124	124
7/6/2019	4	46	124	124
7/6/2019	5	47	127	127
7/6/2019	6	49	130	130
7/6/2019	7	49	126	126
7/6/2019	8	53	133	133
7/6/2019	9	60	150	150
7/6/2019	10	64	150	150
7/6/2019	11	67	150	150
7/6/2019	12	66	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/6/2019	13	67	150	150
7/6/2019	14	69	150	150
7/6/2019	15	68	150	150
7/6/2019	16	66	150	150
7/6/2019	17	64	150	150
7/6/2019	18	67	150	150
7/6/2019	19	68	150	150
7/6/2019	20	67	150	150
7/6/2019	21	64	150	150
7/6/2019	22	60	150	150
7/6/2019	23	56	130	130
7/6/2019	24	52	126	126
7/7/2019	1	49	128	128
7/7/2019	2	48	126	126
7/7/2019	3	47	124	124
7/7/2019	4	46	124	124
7/7/2019	5	46	127	127
7/7/2019	6	47	130	130
7/7/2019	7	46	126	126
7/7/2019	8	47	133	133
7/7/2019	9	51	134	134
7/7/2019	10	55	150	150
7/7/2019	11	59	150	150
7/7/2019	12	60	150	150
7/7/2019	13	60	150	150
7/7/2019	14	61	150	150
7/7/2019	15	59	150	150
7/7/2019	16	58	150	150
7/7/2019	17	59	150	150
7/7/2019	18	63	150	150
7/7/2019	19	65	150	150
7/7/2019	20	65	150	150
7/7/2019	21	62	150	150
7/7/2019	22	59	150	150
7/7/2019	23	55	133	133
7/7/2019	24	51	126	126
7/8/2019	1	48	128	128
7/8/2019	2	47	126	126
7/8/2019	3	46	124	126
7/8/2019	4	46	124	124
7/8/2019	5	49	127	127
7/8/2019	6	50	130	130
7/8/2019	7	46	126	126
7/8/2019	8	53	143	133
7/8/2019	9	62	150	150
7/8/2019	10	68	150	150
7/8/2019	11	71	150	150
7/8/2019	12	70	150	150
7/8/2019	13	70	150	150
7/8/2019	14	72	150	150
7/8/2019	15	71	150	150
7/8/2019	16	70	150	150
7/8/2019	17	68	150	150
7/8/2019	18	69	150	150
7/8/2019	19	71	150	150
7/8/2019	20	69	150	150
7/8/2019	21	66	150	150
7/8/2019	22	59	150	150
7/8/2019	23	55	140	140
7/8/2019	24	52	134	134
7/9/2019	1	49	126	126
7/9/2019	2	48	124	124
7/9/2019	3	47	123	123
7/9/2019	4	46	122	122
7/9/2019	5	50	124	124

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/9/2019	6	51	126	126
7/9/2019	7	47	123	123
7/9/2019	8	53	130	130
7/9/2019	9	63	150	150
7/9/2019	10	66	150	150
7/9/2019	11	70	150	150
7/9/2019	12	69	150	150
7/9/2019	13	71	150	150
7/9/2019	14	71	150	150
7/9/2019	15	71	150	150
7/9/2019	16	70	150	150
7/9/2019	17	65	150	150
7/9/2019	18	69	150	150
7/9/2019	19	69	150	150
7/9/2019	20	66	150	150
7/9/2019	21	63	150	150
7/9/2019	22	58	150	150
7/9/2019	23	55	136	136
7/9/2019	24	51	122	122
7/10/2019	1	50	127	127
7/10/2019	2	48	126	126
7/10/2019	3	47	123	123
7/10/2019	4	47	123	123
7/10/2019	5	48	125	125
7/10/2019	6	49	128	128
7/10/2019	7	46	125	125
7/10/2019	8	53	132	132
7/10/2019	9	63	150	150
7/10/2019	10	67	150	150
7/10/2019	11	70	150	150
7/10/2019	12	70	150	150
7/10/2019	13	71	150	150
7/10/2019	14	74	150	150
7/10/2019	15	72	150	150
7/10/2019	16	70	150	150
7/10/2019	17	68	150	150
7/10/2019	18	69	150	150
7/10/2019	19	70	150	150
7/10/2019	20	69	150	150
7/10/2019	21	66	150	150
7/10/2019	22	60	150	150
7/10/2019	23	55	150	150
7/10/2019	24	51	132	132
7/11/2019	1	49	126	126
7/11/2019	2	48	124	124
7/11/2019	3	47	122	122
7/11/2019	4	47	122	122
7/11/2019	5	49	125	125
7/11/2019	6	51	127	127
7/11/2019	7	47	124	124
7/11/2019	8	54	135	135
7/11/2019	9	64	150	150
7/11/2019	10	70	150	150
7/11/2019	11	72	150	150
7/11/2019	12	71	150	150
7/11/2019	13	72	150	150
7/11/2019	14	74	150	150
7/11/2019	15	72	150	150
7/11/2019	16	70	150	150
7/11/2019	17	68	150	150
7/11/2019	18	68	150	150
7/11/2019	19	71	150	150
7/11/2019	20	68	150	150
7/11/2019	21	65	150	150
7/11/2019	22	59	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/11/2019	23	54	134	134
7/11/2019	24	51	120	120
7/12/2019	1	48	106	106
7/12/2019	2	46	104	104
7/12/2019	3	45	102	102
7/12/2019	4	45	101	101
7/12/2019	5	48	105	105
7/12/2019	6	49	107	107
7/12/2019	7	46	104	104
7/12/2019	8	53	117	117
7/12/2019	9	61	137	137
7/12/2019	10	66	145	145
7/12/2019	11	69	150	150
7/12/2019	12	68	150	150
7/12/2019	13	68	150	150
7/12/2019	14	71	150	150
7/12/2019	15	70	150	150
7/12/2019	16	70	150	150
7/12/2019	17	67	150	150
7/12/2019	18	68	149	148
7/12/2019	19	69	150	150
7/12/2019	20	67	150	150
7/12/2019	21	65	150	150
7/12/2019	22	59	145	145
7/12/2019	23	55	121	
7/12/2019	24	51	119	119
7/13/2019	1	49	108	108
7/13/2019	2	47	106	106
7/13/2019	3	45	104	104
7/13/2019	4	45	104	104
7/13/2019	5	45	107	107
7/13/2019	6	46	108	108
7/13/2019	7	46	104	104
7/13/2019	8	50	110	110
7/13/2019	9	57	127	127
7/13/2019	10	62	132	132
7/13/2019	11	65	141	141
7/13/2019	12	65	141	141
7/13/2019	13	65	146	146
7/13/2019	14	66	150	150
7/13/2019	15	67	150	150
7/13/2019	16	65	145	145
7/13/2019	17	63	134	134
7/13/2019	18	65	150	150
7/13/2019	19	68	150	150
7/13/2019	20	66	150	150
7/13/2019	21	63	150	150
7/13/2019	22	59	145	135
7/13/2019	23	55	141	120
7/13/2019	24	51	104	104
7/14/2019	1	49	127	127
7/14/2019	2	47	125	125
7/14/2019	3	46	124	124
7/14/2019	4	45	123	123
7/14/2019	5	45	126	126
7/14/2019	6	45	128	128
7/14/2019	7	44	124	124
7/14/2019	8	46	129	129
7/14/2019	9	50	127	127
7/14/2019	10	55	131	131
7/14/2019	11	58	123	123
7/14/2019	12	59	123	123
7/14/2019	13	60	124	124
7/14/2019	14	61	125	125
7/14/2019	15	59	127	127

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/14/2019	16	59	126	126
7/14/2019	17	57	124	124
7/14/2019	18	61	123	123
7/14/2019	19	65	141	141
7/14/2019	20	63	139	138
7/14/2019	21	62	136	136
7/14/2019	22	57	147	121
7/14/2019	23	53	147	119
7/14/2019	24	49	122	122
7/15/2019	1	46	127	127
7/15/2019	2	45	125	125
7/15/2019	3	44	124	125
7/15/2019	4	43	123	123
7/15/2019	5	46	126	126
7/15/2019	6	47	128	128
7/15/2019	7	44	123	123
7/15/2019	8	53	129	129
7/15/2019	9	62	127	127
7/15/2019	10	67	136	136
7/15/2019	11	70	150	150
7/15/2019	12	71	150	150
7/15/2019	13	71	150	150
7/15/2019	14	73	150	150
7/15/2019	15	72	150	150
7/15/2019	16	71	150	150
7/15/2019	17	68	150	150
7/15/2019	18	67	146	146
7/15/2019	19	71	150	150
7/15/2019	20	68	150	150
7/15/2019	21	66	144	143
7/15/2019	22	59	147	131
7/15/2019	23	54	147	119
7/15/2019	24	51	122	122
7/16/2019	1	49	128	112
7/16/2019	2	47	127	108
7/16/2019	3	47	126	106
7/16/2019	4	46	126	105
7/16/2019	5	49	129	108
7/16/2019	6	50	131	112
7/16/2019	7	47	138	107
7/16/2019	8	52	144	113
7/16/2019	9	62	148	135
7/16/2019	10	67	150	150
7/16/2019	11	70	150	150
7/16/2019	12	70	150	150
7/16/2019	13	70	150	150
7/16/2019	14	71	150	150
7/16/2019	15	71	150	150
7/16/2019	16	70	150	150
7/16/2019	17	67	150	150
7/16/2019	18	69	150	150
7/16/2019	19	70	150	150
7/16/2019	20	68	150	150
7/16/2019	21	63	150	150
7/16/2019	22	57	148	140
7/16/2019	23	53	148	119
7/16/2019	24	51	137	111
7/17/2019	1	48	120	120
7/17/2019	2	47	120	115
7/17/2019	3	46	113	111
7/17/2019	4	45	113	110
7/17/2019	5	48	114	114
7/17/2019	6	50	118	118
7/17/2019	7	46	124	105
7/17/2019	8	52	130	130

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/17/2019	9	61	150	145
7/17/2019	10	65	150	150
7/17/2019	11	68	150	150
7/17/2019	12	67	150	150
7/17/2019	13	68	150	150
7/17/2019	14	71	150	150
7/17/2019	15	70	150	150
7/17/2019	16	69	150	150
7/17/2019	17	67	150	150
7/17/2019	18	68	150	150
7/17/2019	19	69	150	150
7/17/2019	20	67	150	150
7/17/2019	21	64	150	150
7/17/2019	22	57	150	150
7/17/2019	23	53	149	150
7/17/2019	24	50	142	142
7/18/2019	1	47	133	123
7/18/2019	2	46	121	121
7/18/2019	3	45	120	120
7/18/2019	4	45	119	119
7/18/2019	5	47	121	121
7/18/2019	6	49	124	124
7/18/2019	7	45	146	119
7/18/2019	8	51	147	130
7/18/2019	9	61	150	150
7/18/2019	10	63	150	150
7/18/2019	11	66	147	146
7/18/2019	12	65	147	146
7/18/2019	13	65	147	146
7/18/2019	14	69	150	150
7/18/2019	15	67	149	149
7/18/2019	16	65	147	147
7/18/2019	17	64	147	144
7/18/2019	18	66	150	150
7/18/2019	19	70	150	150
7/18/2019	20	66	147	145
7/18/2019	21	63	147	145
7/18/2019	22	57	146	146
7/18/2019	23	52	146	143
7/18/2019	24	49	136	136
7/19/2019	1	47	130	130
7/19/2019	2	46	125	125
7/19/2019	3	45	123	120
7/19/2019	4	45	122	113
7/19/2019	5	48	124	115
7/19/2019	6	50	126	121
7/19/2019	7	46	126	119
7/19/2019	8	52	132	129
7/19/2019	9	60	144	130
7/19/2019	10	65	144	140
7/19/2019	11	66	150	150
7/19/2019	12	64	150	150
7/19/2019	13	65	150	150
7/19/2019	14	68	150	150
7/19/2019	15	66	150	150
7/19/2019	16	66	150	150
7/19/2019	17	64	150	150
7/19/2019	18	67	150	150
7/19/2019	19	69	150	150
7/19/2019	20	66	150	150
7/19/2019	21	64	150	150
7/19/2019	22	59	143	130
7/19/2019	23	54	143	127
7/19/2019	24	50	134	134
7/20/2019	1	50	132	132

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/20/2019	2	48	129	129
7/20/2019	3	47	124	129
7/20/2019	4	46	123	123
7/20/2019	5	46	126	126
7/20/2019	6	49	127	127
7/20/2019	7	49	125	125
7/20/2019	8	51	132	129
7/20/2019	9	58	136	129
7/20/2019	10	64	150	150
7/20/2019	11	67	150	150
7/20/2019	12	65	150	150
7/20/2019	13	66	150	150
7/20/2019	14	70	150	150
7/20/2019	15	69	150	150
7/20/2019	16	66	150	150
7/20/2019	17	65	150	150
7/20/2019	18	67	150	150
7/20/2019	19	70	150	150
7/20/2019	20	68	150	150
7/20/2019	21	66	150	150
7/20/2019	22	60	150	150
7/20/2019	23	55	150	150
7/20/2019	24	53	146	146
7/21/2019	1	50	150	139
7/21/2019	2	48	129	129
7/21/2019	3	47	124	124
7/21/2019	4	46	123	123
7/21/2019	5	46	126	126
7/21/2019	6	47	127	127
7/21/2019	7	46	125	125
7/21/2019	8	48	129	129
7/21/2019	9	51	131	129
7/21/2019	10	55	150	150
7/21/2019	11	58	150	150
7/21/2019	12	59	150	150
7/21/2019	13	60	150	150
7/21/2019	14	61	150	150
7/21/2019	15	58	150	150
7/21/2019	16	58	150	150
7/21/2019	17	58	150	150
7/21/2019	18	63	150	150
7/21/2019	19	66	150	150
7/21/2019	20	65	150	150
7/21/2019	21	62	150	150
7/21/2019	22	59	150	150
7/21/2019	23	54	150	150
7/21/2019	24	51	146	146
7/22/2019	1	48	132	132
7/22/2019	2	46	129	129
7/22/2019	3	46	124	124
7/22/2019	4	45	123	123
7/22/2019	5	49	126	126
7/22/2019	6	50	127	127
7/22/2019	7	47	125	125
7/22/2019	8	52	129	129
7/22/2019	9	63	129	129
7/22/2019	10	68	150	150
7/22/2019	11	70	150	150
7/22/2019	12	69	150	150
7/22/2019	13	71	150	150
7/22/2019	14	73	150	150
7/22/2019	15	73	150	150
7/22/2019	16	71	150	150
7/22/2019	17	68	150	150
7/22/2019	18	68	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/22/2019	19	71	150	150
7/22/2019	20	69	150	150
7/22/2019	21	66	150	150
7/22/2019	22	59	150	150
7/22/2019	23	54	150	150
7/22/2019	24	51	146	146
7/23/2019	1	48	122	122
7/23/2019	2	46	119	119
7/23/2019	3	45	118	118
7/23/2019	4	45	118	118
7/23/2019	5	48	120	120
7/23/2019	6	50	123	123
7/23/2019	7	46	120	120
7/23/2019	8	53	145	142
7/23/2019	9	62	150	150
7/23/2019	10	68	150	150
7/23/2019	11	71	150	150
7/23/2019	12	70	150	150
7/23/2019	13	71	150	150
7/23/2019	14	74	150	150
7/23/2019	15	73	150	150
7/23/2019	16	71	150	150
7/23/2019	17	68	150	150
7/23/2019	18	68	150	150
7/23/2019	19	72	150	150
7/23/2019	20	70	150	150
7/23/2019	21	67	150	150
7/23/2019	22	61	144	135
7/23/2019	23	57	144	124
7/23/2019	24	53	143	127
7/24/2019	1	48	134	123
7/24/2019	2	46	123	121
7/24/2019	3	45	122	120
7/24/2019	4	44	128	119
7/24/2019	5	48	133	121
7/24/2019	6	50	139	124
7/24/2019	7	45	138	123
7/24/2019	8	52	150	127
7/24/2019	9	62	150	135
7/24/2019	10	66	150	150
7/24/2019	11	69	150	150
7/24/2019	12	69	150	150
7/24/2019	13	71	150	150
7/24/2019	14	73	150	150
7/24/2019	15	71	150	150
7/24/2019	16	69	150	150
7/24/2019	17	66	150	150
7/24/2019	18	68	150	150
7/24/2019	19	70	150	150
7/24/2019	20	67	150	150
7/24/2019	21	63	150	150
7/24/2019	22	57	149	132
7/24/2019	23	53	149	
7/24/2019	24	49	149	128
7/25/2019	1	47	122	122
7/25/2019	2	46	120	120
7/25/2019	3	44	119	119
7/25/2019	4	44	119	119
7/25/2019	5	48	122	122
7/25/2019	6	49	124	124
7/25/2019	7	45	121	121
7/25/2019	8	52	132	124
7/25/2019	9	62	140	130
7/25/2019	10	68	150	150
7/25/2019	11	71	150	150

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/25/2019	12	70	150	150
7/25/2019	13	71	150	150
7/25/2019	14	74	150	150
7/25/2019	15	72	150	150
7/25/2019	16	70	150	150
7/25/2019	17	68	150	150
7/25/2019	18	68	150	150
7/25/2019	19	69	150	150
7/25/2019	20	66	150	150
7/25/2019	21	62	150	150
7/25/2019	22	58	150	150
7/25/2019	23	53	150	141
7/25/2019	24	50	150	141
7/26/2019	1	47	133	124
7/26/2019	2	46	133	123
7/26/2019	3	45	133	122
7/26/2019	4	45	131	121
7/26/2019	5	47	131	124
7/26/2019	6	49	132	125
7/26/2019	7	45	133	123
7/26/2019	8	52	150	135
7/26/2019	9	62	150	150
7/26/2019	10	66	150	150
7/26/2019	11	71	150	150
7/26/2019	12	69	150	150
7/26/2019	13	71	150	150
7/26/2019	14	73	150	150
7/26/2019	15	71	150	150
7/26/2019	16	71	150	150
7/26/2019	17	68	150	150
7/26/2019	18	67	150	150
7/26/2019	19	70	150	150
7/26/2019	20	67	150	150
7/26/2019	21	64	150	150
7/26/2019	22	58	150	150
7/26/2019	23	55	150	150
7/26/2019	24	50	150	150
7/27/2019	1	50	135	135
7/27/2019	2	48	128	128
7/27/2019	3	46	119	116
7/27/2019	4	46	119	116
7/27/2019	5	47	120	118
7/27/2019	6	48	124	123
7/27/2019	7	48	126	115
7/27/2019	8	52	132	130
7/27/2019	9	59	144	143
7/27/2019	10	63	150	150
7/27/2019	11	67	150	150
7/27/2019	12	66	150	150
7/27/2019	13	68	150	150
7/27/2019	14	69	150	150
7/27/2019	15	67	150	150
7/27/2019	16	64	150	150
7/27/2019	17	62	150	150
7/27/2019	18	65	150	150
7/27/2019	19	68	150	150
7/27/2019	20	67	150	150
7/27/2019	21	65	150	150
7/27/2019	22	61	150	150
7/27/2019	23	57	143	143
7/27/2019	24	52	127	127
7/28/2019	1	49	121	120
7/28/2019	2	48	120	118
7/28/2019	3	47	120	116
7/28/2019	4	46	120	116

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/28/2019	5	46	121	118
7/28/2019	6	46	123	119
7/28/2019	7	46	125	115
7/28/2019	8	47	131	130
7/28/2019	9	51	138	138
7/28/2019	10	56	133	133
7/28/2019	11	60	143	143
7/28/2019	12	59	147	147
7/28/2019	13	61	149	149
7/28/2019	14	62	150	150
7/28/2019	15	60	150	150
7/28/2019	16	59	150	150
7/28/2019	17	58	140	140
7/28/2019	18	61	145	145
7/28/2019	19	66	150	150
7/28/2019	20	64	145	145
7/28/2019	21	62	145	145
7/28/2019	22	59	150	146
7/28/2019	23	54	135	
7/28/2019	24	50	135	135
7/29/2019	1	47	125	125
7/29/2019	2	45	125	125
7/29/2019	3	44	116	116
7/29/2019	4	44	116	116
7/29/2019	5	46	127	127
7/29/2019	6	48	127	127
7/29/2019	7	44	119	115
7/29/2019	8	53	130	130
7/29/2019	9	63	150	150
7/29/2019	10	68	150	150
7/29/2019	11	70	150	150
7/29/2019	12	70	150	150
7/29/2019	13	71	150	150
7/29/2019	14	73	150	150
7/29/2019	15	72	150	150
7/29/2019	16	71	150	150
7/29/2019	17	68	150	150
7/29/2019	18	68	150	150
7/29/2019	19	70	150	150
7/29/2019	20	68	150	150
7/29/2019	21	65	150	150
7/29/2019	22	59	150	150
7/29/2019	23	54	140	140
7/29/2019	24	50	130	130
7/30/2019	1	47	125	125
7/30/2019	2	46	118	118
7/30/2019	3	45	117	117
7/30/2019	4	45	117	117
7/30/2019	5	47	125	125
7/30/2019	6	49	125	125
7/30/2019	7	46	120	120
7/30/2019	8	52	130	130
7/30/2019	9	61	150	150
7/30/2019	10	68	150	150
7/30/2019	11	70	150	150
7/30/2019	12	70	150	150
7/30/2019	13	70	150	150
7/30/2019	14	72	150	150
7/30/2019	15	71	150	150
7/30/2019	16	69	150	150
7/30/2019	17	67	150	150
7/30/2019	18	67	150	150
7/30/2019	19	68	150	150
7/30/2019	20	64	150	150
7/30/2019	21	61	150	150

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ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/30/2019	22	56	150	150
7/30/2019	23	53	150	121
7/30/2019	24	49	145	118
7/31/2019	1	48	132	132
7/31/2019	2	46	123	123
7/31/2019	3	46	122	122
7/31/2019	4	45	122	122
7/31/2019	5	48	130	130
7/31/2019	6	49	138	137
7/31/2019	7	46	127	124
7/31/2019	8	52	150	135
7/31/2019	9	61	150	150
7/31/2019	10	67	150	150
7/31/2019	11	69	150	150
7/31/2019	12	69	150	150
7/31/2019	13	69	150	150
7/31/2019	14	72	150	150
7/31/2019	15	70	150	150
7/31/2019	16	69	150	150
7/31/2019	17	65	150	150
7/31/2019	18	68	150	150
7/31/2019	19	71	150	150
7/31/2019	20	68	150	150
7/31/2019	21	65	150	150
7/31/2019	22	59	150	150
7/31/2019	23	55	150	150
7/31/2019	24	51	150	150
8/1/2019	1	47	122	122
8/1/2019	2	46	120	120
8/1/2019	3	45	119	119
8/1/2019	4	44	119	119
8/1/2019	5	47	121	121
8/1/2019	6	50	125	125
8/1/2019	7	46	127	121
8/1/2019	8	52	125	124
8/1/2019	9	63	150	150
8/1/2019	10	66	150	150
8/1/2019	11	69	150	150
8/1/2019	12	69	150	150
8/1/2019	13	69	150	150
8/1/2019	14	73	150	150
8/1/2019	15	71	150	150
8/1/2019	16	70	150	150
8/1/2019	17	67	150	150
8/1/2019	18	66	150	150
8/1/2019	19	69	150	150
8/1/2019	20	66	150	150
8/1/2019	21	64	150	145
8/1/2019	22	58	150	128
8/1/2019	23	53	150	127
8/1/2019	24	49	150	122
8/2/2019	1	48	140	132
8/2/2019	2	46	140	124
8/2/2019	3	45	140	120
8/2/2019	4	44	140	120
8/2/2019	5	47	140	121
8/2/2019	6	49	140	125
8/2/2019	7	45	141	122
8/2/2019	8	51	142	127
8/2/2019	9	61	145	145
8/2/2019	10	66	150	150
8/2/2019	11	68	150	150
8/2/2019	12	67	150	150
8/2/2019	13	66	150	150
8/2/2019	14	71	150	150

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/2/2019	15	69	150	150
8/2/2019	16	68	150	150
8/2/2019	17	66	150	150
8/2/2019	18	67	150	150
8/2/2019	19	70	150	150
8/2/2019	20	68	150	150
8/2/2019	21	64	150	150
8/2/2019	22	58	150	150
8/2/2019	23	54	150	150
8/2/2019	24	50	141	138
8/3/2019	1	51	147	123
8/3/2019	2	49	135	122
8/3/2019	3	47	121	121
8/3/2019	4	45	120	120
8/3/2019	5	47	120	120
8/3/2019	6	48	121	121
8/3/2019	7	46	121	121
8/3/2019	8	50	126	126
8/3/2019	9	56	128	123
8/3/2019	10	60	133	120
8/3/2019	11	65	150	135
8/3/2019	12	64	148	132
8/3/2019	13	63	148	127
8/3/2019	14	66	150	135
8/3/2019	15	65	148	127
8/3/2019	16	63	148	122
8/3/2019	17	62	148	122
8/3/2019	18	65	150	135
8/3/2019	19	67	150	145
8/3/2019	20	65	144	140
8/3/2019	21	63	144	135
8/3/2019	22	58	148	142
8/3/2019	23	54	148	119
8/3/2019	24	50	144	119
8/4/2019	1	50	139	128
8/4/2019	2	48	136	127
8/4/2019	3	47	130	136
8/4/2019	4	46	124	124
8/4/2019	5	46	123	123
8/4/2019	6	46	130	130
8/4/2019	7	45	126	126
8/4/2019	8	46	124	124
8/4/2019	9	51	129	120
8/4/2019	10	54	134	122
8/4/2019	11	57	142	122
8/4/2019	12	55	142	117
8/4/2019	13	57	142	125
8/4/2019	14	60	142	133
8/4/2019	15	58	142	142
8/4/2019	16	57	142	125
8/4/2019	17	55	142	115
8/4/2019	18	60	142	131
8/4/2019	19	63	150	150
8/4/2019	20	62	142	140
8/4/2019	21	57	142	127
8/4/2019	22	54	141	121
8/4/2019	23	50	141	123
8/4/2019	24	47	140	119
8/5/2019	1	46	139	120
8/5/2019	2	45	136	118
8/5/2019	3	45	122	117
8/5/2019	4	44	117	117
8/5/2019	5	47	119	119
8/5/2019	6	49	121	121
8/5/2019	7	46	118	118

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/5/2019	8	52	124	124
8/5/2019	9	61	150	145
8/5/2019	10	66	150	145
8/5/2019	11	69	150	150
8/5/2019	12	68	150	150
8/5/2019	13	70	150	150
8/5/2019	14	72	150	150
8/5/2019	15	70	150	150
8/5/2019	16	68	150	150
8/5/2019	17	66	150	146
8/5/2019	18	67	150	150
8/5/2019	19	69	150	150
8/5/2019	20	67	150	150
8/5/2019	21	63	142	135
8/5/2019	22	57	141	131
8/5/2019	23	53	142	142
8/5/2019	24	49	140	118
8/6/2019	1	47	141	124
8/6/2019	2	46	141	121
8/6/2019	3	45	141	119
8/6/2019	4	45	141	119
8/6/2019	5	47	141	125
8/6/2019	6	50	141	129
8/6/2019	7	45	142	121
8/6/2019	8	51	143	133
8/6/2019	9	63	150	150
8/6/2019	10	67	150	150
8/6/2019	11	69	150	150
8/6/2019	12	69	150	150
8/6/2019	13	69	150	150
8/6/2019	14	73	150	150
8/6/2019	15	71	150	150
8/6/2019	16	69	150	150
8/6/2019	17	66	150	150
8/6/2019	18	68	150	150
8/6/2019	19	67	150	150
8/6/2019	20	65	150	150
8/6/2019	21	61	150	150
8/6/2019	22	56	147	147
8/6/2019	23	52	142	127
8/6/2019	24	49	142	126
8/7/2019	1	49	140	125
8/7/2019	2	48	140	120
8/7/2019	3	46	140	116
8/7/2019	4	46	140	115
8/7/2019	5	48	140	125
8/7/2019	6	51	140	126
8/7/2019	7	47	141	117
8/7/2019	8	52	142	141
8/7/2019	9	60	150	141
8/7/2019	10	65	150	150
8/7/2019	11	67	150	150
8/7/2019	12	67	150	150
8/7/2019	13	67	150	150
8/7/2019	14	70	150	150
8/7/2019	15	69	150	150
8/7/2019	16	68	150	150
8/7/2019	17	66	150	150
8/7/2019	18	67	150	150
8/7/2019	19	69	150	150
8/7/2019	20	67	150	150
8/7/2019	21	65	150	150
8/7/2019	22	60	150	150
8/7/2019	23	55	141	125
8/7/2019	24	52	141	116

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/8/2019	1	50	150	105
8/8/2019	2	49	150	105
8/8/2019	3	47	150	104
8/8/2019	4	47	150	104
8/8/2019	5	49	150	104
8/8/2019	6	52	150	106
8/8/2019	7	46	150	107
8/8/2019	8	53	150	122
8/8/2019	9	62	150	135
8/8/2019	10	66	150	150
8/8/2019	11	69	150	150
8/8/2019	12	69	150	150
8/8/2019	13	70	150	150
8/8/2019	14	74	150	150
8/8/2019	15	72	150	150
8/8/2019	16	69	150	150
8/8/2019	17	68	150	150
8/8/2019	18	69	150	150
8/8/2019	19	72	150	150
8/8/2019	20	70	150	150
8/8/2019	21	67	150	150
8/8/2019	22	61	150	140
8/8/2019	23	57	150	143
8/8/2019	24	53	150	109
8/9/2019	1	51	150	124
8/9/2019	2	49	141	122
8/9/2019	3	47	131	120
8/9/2019	4	48	121	119
8/9/2019	5	48	122	122
8/9/2019	6	51	125	125
8/9/2019	7	47	127	123
8/9/2019	8	53	141	141
8/9/2019	9	63	150	150
8/9/2019	10	68	150	150
8/9/2019	11	71	150	150
8/9/2019	12	70	150	150
8/9/2019	13	71	150	150
8/9/2019	14	75	150	150
8/9/2019	15	73	150	150
8/9/2019	16	72	150	150
8/9/2019	17	68	150	150
8/9/2019	18	70	150	150
8/9/2019	19	74	150	150
8/9/2019	20	71	150	150
8/9/2019	21	69	150	150
8/9/2019	22	64	150	150
8/9/2019	23	59	150	145
8/9/2019	24	55	134	134
8/10/2019	1	53	150	120
8/10/2019	2	51	150	119
8/10/2019	3	50	150	118
8/10/2019	4	49	149	117
8/10/2019	5	48	142	117
8/10/2019	6	48	141	118
8/10/2019	7	48	136	119
8/10/2019	8	52	150	124
8/10/2019	9	58	150	121
8/10/2019	10	63	150	124
8/10/2019	11	66	150	140
8/10/2019	12	65	150	146
8/10/2019	13	68	150	145
8/10/2019	14	70	150	150
8/10/2019	15	67	150	150
8/10/2019	16	65	150	147
8/10/2019	17	63	150	138

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/10/2019	18	66	150	139
8/10/2019	19	70	150	150
8/10/2019	20	68	150	148
8/10/2019	21	66	150	148
8/10/2019	22	62	150	137
8/10/2019	23	58	150	136
8/10/2019	24	53	150	130
8/11/2019	1	50	150	118
8/11/2019	2	49	150	116
8/11/2019	3	47	150	150
8/11/2019	4	46	149	114
8/11/2019	5	46	142	114
8/11/2019	6	47	141	115
8/11/2019	7	46	138	116
8/11/2019	8	46	150	118
8/11/2019	9	51	150	122
8/11/2019	10	55	150	116
8/11/2019	11	58	150	121
8/11/2019	12	59	150	120
8/11/2019	13	61	150	130
8/11/2019	14	62	150	130
8/11/2019	15	59	150	150
8/11/2019	16	58	150	120
8/11/2019	17	57	150	118
8/11/2019	18	60	150	130
8/11/2019	19	65	150	150
8/11/2019	20	64	150	130
8/11/2019	21	62	150	130
8/11/2019	22	58	150	130
8/11/2019	23	54	150	121
8/11/2019	24	50	150	117
8/12/2019	1	48	149	120
8/12/2019	2	46	149	119
8/12/2019	3	45	149	117
8/12/2019	4	44	148	117
8/12/2019	5	46	141	119
8/12/2019	6	47	140	122
8/12/2019	7	48	137	119
8/12/2019	8	51	149	125
8/12/2019	9	58	150	148
8/12/2019	10	62	150	150
8/12/2019	11	65	150	150
8/12/2019	12	66	150	150
8/12/2019	13	66	150	150
8/12/2019	14	67	150	150
8/12/2019	15	65	150	150
8/12/2019	16	64	150	150
8/12/2019	17	62	150	150
8/12/2019	18	65	150	150
8/12/2019	19	69	150	150
8/12/2019	20	66	150	150
8/12/2019	21	63	150	150
8/12/2019	22	56	150	150
8/12/2019	23	53	150	143
8/12/2019	24	49	149	120
8/13/2019	1	47	149	120
8/13/2019	2	46	149	118
8/13/2019	3	45	149	117
8/13/2019	4	45	148	117
8/13/2019	5	47	141	119
8/13/2019	6	50	140	122
8/13/2019	7	46	140	119
8/13/2019	8	51	149	124
8/13/2019	9	61	150	150
8/13/2019	10	66	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/13/2019	11	69	150	150
8/13/2019	12	68	150	150
8/13/2019	13	69	150	150
8/13/2019	14	73	150	150
8/13/2019	15	71	150	150
8/13/2019	16	69	150	150
8/13/2019	17	67	150	150
8/13/2019	18	68	150	150
8/13/2019	19	71	150	150
8/13/2019	20	70	150	150
8/13/2019	21	66	150	150
8/13/2019	22	61	150	150
8/13/2019	23	55	150	143
8/13/2019	24	53	149	131
8/14/2019	1	52	128	128
8/14/2019	2	50	127	127
8/14/2019	3	48	114	114
8/14/2019	4	48	114	114
8/14/2019	5	49	116	116
8/14/2019	6	51	125	120
8/14/2019	7	47	118	118
8/14/2019	8	54	131	131
8/14/2019	9	62	146	146
8/14/2019	10	68	150	150
8/14/2019	11	72	150	150
8/14/2019	12	71	150	150
8/14/2019	13	72	150	150
8/14/2019	14	74	150	150
8/14/2019	15	73	150	150
8/14/2019	16	72	150	150
8/14/2019	17	69	150	150
8/14/2019	18	70	150	150
8/14/2019	19	72	150	150
8/14/2019	20	70	150	150
8/14/2019	21	68	150	150
8/14/2019	22	62	150	144
8/14/2019	23	57	150	124
8/14/2019	24	52	119	119
8/15/2019	1	53	135	135
8/15/2019	2	51	126	124
8/15/2019	3	51	116	116
8/15/2019	4	50	115	115
8/15/2019	5	52	132	132
8/15/2019	6	52	126	125
8/15/2019	7	48	119	119
8/15/2019	8	56	138	138
8/15/2019	9	66	150	150
8/15/2019	10	70	150	150
8/15/2019	11	73	150	150
8/15/2019	12	73	150	150
8/15/2019	13	75	150	150
8/15/2019	14	76	150	150
8/15/2019	15	74	150	150
8/15/2019	16	73	150	150
8/15/2019	17	70	150	150
8/15/2019	18	70	150	150
8/15/2019	19	74	150	150
8/15/2019	20	72	150	150
8/15/2019	21	68	150	150
8/15/2019	22	65	150	150
8/15/2019	23	58	150	
8/15/2019	24	54	120	120
8/16/2019	1	52	127	127
8/16/2019	2	51	126	126
8/16/2019	3	50	124	124

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/16/2019	4	49	123	123
8/16/2019	5	50	126	126
8/16/2019	6	52	128	128
8/16/2019	7	48	126	126
8/16/2019	8	56	141	141
8/16/2019	9	65	150	150
8/16/2019	10	72	150	150
8/16/2019	11	75	150	150
8/16/2019	12	73	150	150
8/16/2019	13	74	150	150
8/16/2019	14	77	150	150
8/16/2019	15	75	150	150
8/16/2019	16	74	150	150
8/16/2019	17	70	150	150
8/16/2019	18	70	150	150
8/16/2019	19	72	150	150
8/16/2019	20	70	150	150
8/16/2019	21	68	150	150
8/16/2019	22	64	150	150
8/16/2019	23	60	150	136
8/16/2019	24	55	133	133
8/17/2019	1	50	127	127
8/17/2019	2	49	125	125
8/17/2019	3	48	124	124
8/17/2019	4	47	123	123
8/17/2019	5	47	125	125
8/17/2019	6	48	127	127
8/17/2019	7	47	126	126
8/17/2019	8	52	133	133
8/17/2019	9	59	150	134
8/17/2019	10	63	150	125
8/17/2019	11	67	150	138
8/17/2019	12	66	150	138
8/17/2019	13	68	150	145
8/17/2019	14	70	150	150
8/17/2019	15	68	150	150
8/17/2019	16	67	150	140
8/17/2019	17	64	150	142
8/17/2019	18	66	150	150
8/17/2019	19	71	150	150
8/17/2019	20	69	150	150
8/17/2019	21	66	150	143
8/17/2019	22	62	150	132
8/17/2019	23	58	150	138
8/17/2019	24	54	135	135
8/18/2019	1	52	127	127
8/18/2019	2	50	125	125
8/18/2019	3	48	124	125
8/18/2019	4	47	123	123
8/18/2019	5	47	125	125
8/18/2019	6	46	127	127
8/18/2019	7	45	126	126
8/18/2019	8	47	133	133
8/18/2019	9	52	150	134
8/18/2019	10	56	150	125
8/18/2019	11	60	150	130
8/18/2019	12	59	150	126
8/18/2019	13	61	150	129
8/18/2019	14	62	150	135
8/18/2019	15	61	150	150
8/18/2019	16	59	150	127
8/18/2019	17	58	150	126
8/18/2019	18	63	150	127
8/18/2019	19	68	150	141
8/18/2019	20	66	150	131

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/18/2019	21	64	150	133
8/18/2019	22	59	150	128
8/18/2019	23	54	150	138
8/18/2019	24	50	135	135
8/19/2019	1	48	127	127
8/19/2019	2	46	125	125
8/19/2019	3	45	124	124
8/19/2019	4	45	123	123
8/19/2019	5	47	125	125
8/19/2019	6	48	127	127
8/19/2019	7	45	126	126
8/19/2019	8	52	133	133
8/19/2019	9	63	150	150
8/19/2019	10	68	150	150
8/19/2019	11	72	150	150
8/19/2019	12	72	150	150
8/19/2019	13	74	150	150
8/19/2019	14	77	150	150
8/19/2019	15	75	150	150
8/19/2019	16	73	150	150
8/19/2019	17	69	150	150
8/19/2019	18	70	150	150
8/19/2019	19	74	150	150
8/19/2019	20	72	150	150
8/19/2019	21	69	150	150
8/19/2019	22	64	150	150
8/19/2019	23	58	143	138
8/19/2019	24	54	135	135
8/20/2019	1	49	118	118
8/20/2019	2	47	116	116
8/20/2019	3	46	114	114
8/20/2019	4	46	114	114
8/20/2019	5	48	115	115
8/20/2019	6	51	119	119
8/20/2019	7	46	117	117
8/20/2019	8	52	123	123
8/20/2019	9	63	146	130
8/20/2019	10	67	150	127
8/20/2019	11	69	150	150
8/20/2019	12	69	150	150
8/20/2019	13	70	150	150
8/20/2019	14	73	150	150
8/20/2019	15	71	150	150
8/20/2019	16	68	150	150
8/20/2019	17	67	150	150
8/20/2019	18	68	150	150
8/20/2019	19	71	150	150
8/20/2019	20	69	150	150
8/20/2019	21	66	150	141
8/20/2019	22	61	150	118
8/20/2019	23	56	150	123
8/20/2019	24	52	116	116
8/21/2019	1	50	118	118
8/21/2019	2	48	117	117
8/21/2019	3	46	116	116
8/21/2019	4	45	115	115
8/21/2019	5	46	117	117
8/21/2019	6	47	120	120
8/21/2019	7	46	118	118
8/21/2019	8	52	122	122
8/21/2019	9	59	145	126
8/21/2019	10	66	150	125
8/21/2019	11	68	150	150
8/21/2019	12	68	150	146
8/21/2019	13	68	150	150

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/21/2019	14	70	150	150
8/21/2019	15	69	150	150
8/21/2019	16	67	150	150
8/21/2019	17	65	150	146
8/21/2019	18	68	150	150
8/21/2019	19	71	150	150
8/21/2019	20	69	150	150
8/21/2019	21	67	150	150
8/21/2019	22	62	150	130
8/21/2019	23	58	150	123
8/21/2019	24	52	123	123
8/22/2019	1	49	120	120
8/22/2019	2	48	119	119
8/22/2019	3	47	118	118
8/22/2019	4	46	117	117
8/22/2019	5	49	119	119
8/22/2019	6	52	121	121
8/22/2019	7	49	120	120
8/22/2019	8	54	125	125
8/22/2019	9	66	150	127
8/22/2019	10	71	150	137
8/22/2019	11	74	150	150
8/22/2019	12	74	150	150
8/22/2019	13	75	150	150
8/22/2019	14	77	150	150
8/22/2019	15	75	150	150
8/22/2019	16	73	150	150
8/22/2019	17	69	150	144
8/22/2019	18	71	150	150
8/22/2019	19	73	150	150
8/22/2019	20	72	150	150
8/22/2019	21	68	150	139
8/22/2019	22	63	150	138
8/22/2019	23	58	150	
8/22/2019	24	53	125	125
8/23/2019	1	48	122	122
8/23/2019	2	47	121	121
8/23/2019	3	47	119	119
8/23/2019	4	46	118	118
8/23/2019	5	49	122	122
8/23/2019	6	51	125	125
8/23/2019	7	47	123	123
8/23/2019	8	52	129	129
8/23/2019	9	63	143	134
8/23/2019	10	68	150	136
8/23/2019	11	71	150	150
8/23/2019	12	70	150	145
8/23/2019	13	72	150	150
8/23/2019	14	74	150	150
8/23/2019	15	72	150	150
8/23/2019	16	70	150	150
8/23/2019	17	68	150	140
8/23/2019	18	69	150	150
8/23/2019	19	72	150	150
8/23/2019	20	69	150	150
8/23/2019	21	66	148	141
8/23/2019	22	61	150	127
8/23/2019	23	56	150	133
8/23/2019	24	52	127	127
8/24/2019	1	47	119	119
8/24/2019	2	46	117	117
8/24/2019	3	45	108	108
8/24/2019	4	44	103	103
8/24/2019	5	44	107	107
8/24/2019	6	46	116	116

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/24/2019	7	46	114	113
8/24/2019	8	50	127	127
8/24/2019	9	57	146	131
8/24/2019	10	61	150	134
8/24/2019	11	65	150	130
8/24/2019	12	64	150	131
8/24/2019	13	66	150	133
8/24/2019	14	68	150	138
8/24/2019	15	67	150	138
8/24/2019	16	65	150	134
8/24/2019	17	62	150	127
8/24/2019	18	64	150	128
8/24/2019	19	68	150	135
8/24/2019	20	65	150	133
8/24/2019	21	62	150	130
8/24/2019	22	59	150	127
8/24/2019	23	54	138	135
8/24/2019	24	50	129	129
8/25/2019	1	48	119	119
8/25/2019	2	46	120	120
8/25/2019	3	45	118	118
8/25/2019	4	44	120	120
8/25/2019	5	44	122	122
8/25/2019	6	45	124	124
8/25/2019	7	44	122	122
8/25/2019	8	46	127	127
8/25/2019	9	50	150	119
8/25/2019	10	53	150	116
8/25/2019	11	57	150	130
8/25/2019	12	57	150	131
8/25/2019	13	58	150	133
8/25/2019	14	60	150	138
8/25/2019	15	59	150	138
8/25/2019	16	58	150	134
8/25/2019	17	57	150	127
8/25/2019	18	61	150	128
8/25/2019	19	66	150	135
8/25/2019	20	64	150	133
8/25/2019	21	61	150	130
8/25/2019	22	57	150	127
8/25/2019	23	52	150	132
8/25/2019	24	46	129	127
8/26/2019	1	47	119	119
8/26/2019	2	46	120	120
8/26/2019	3	45	118	118
8/26/2019	4	44	120	120
8/26/2019	5	45	122	122
8/26/2019	6	46	124	124
8/26/2019	7	45	122	122
8/26/2019	8	49	127	127
8/26/2019	9	55	150	131
8/26/2019	10	60	150	134
8/26/2019	11	61	150	130
8/26/2019	12	61	150	131
8/26/2019	13	61	150	133
8/26/2019	14	63	150	138
8/26/2019	15	62	150	138
8/26/2019	16	61	150	134
8/26/2019	17	61	150	127
8/26/2019	18	65	150	128
8/26/2019	19	68	150	135
8/26/2019	20	65	150	133
8/26/2019	21	63	150	130
8/26/2019	22	57	150	127
8/26/2019	23	53	150	138

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/26/2019	24	50	129	129
8/27/2019	1	49	119	119
8/27/2019	2	47	120	120
8/27/2019	3	46	118	120
8/27/2019	4	45	120	120
8/27/2019	5	47	122	122
8/27/2019	6	51	124	124
8/27/2019	7	46	122	122
8/27/2019	8	53	127	127
8/27/2019	9	62	150	131
8/27/2019	10	66	150	134
8/27/2019	11	69	150	150
8/27/2019	12	69	150	147
8/27/2019	13	70	150	150
8/27/2019	14	74	150	150
8/27/2019	15	72	150	150
8/27/2019	16	70	150	150
8/27/2019	17	68	150	150
8/27/2019	18	69	150	150
8/27/2019	19	72	150	150
8/27/2019	20	70	150	150
8/27/2019	21	67	150	150
8/27/2019	22	63	150	138
8/27/2019	23	57	150	138
8/27/2019	24	53	129	129
8/28/2019	1	48	122	122
8/28/2019	2	47	120	120
8/28/2019	3	45	119	119
8/28/2019	4	45	118	118
8/28/2019	5	46	121	121
8/28/2019	6	50	122	122
8/28/2019	7	46	120	120
8/28/2019	8	51	126	126
8/28/2019	9	59	143	130
8/28/2019	10	65	145	140
8/28/2019	11	68	150	140
8/28/2019	12	68	150	140
8/28/2019	13	69	150	140
8/28/2019	14	72	150	150
8/28/2019	15	70	150	150
8/28/2019	16	67	150	140
8/28/2019	17	65	150	140
8/28/2019	18	69	150	140
8/28/2019	19	71	150	150
8/28/2019	20	69	150	145
8/28/2019	21	66	149	140
8/28/2019	22	62	150	135
8/28/2019	23	57	150	135
8/28/2019	24	53	127	127
8/29/2019	1	47	122	122
8/29/2019	2	46	120	120
8/29/2019	3	45	119	119
8/29/2019	4	45	118	118
8/29/2019	5	47	121	121
8/29/2019	6	50	122	122
8/29/2019	7	46	120	120
8/29/2019	8	53	126	126
8/29/2019	9	61	148	130
8/29/2019	10	66	150	136
8/29/2019	11	69	150	150
8/29/2019	12	69	150	150
8/29/2019	13	70	150	150
8/29/2019	14	74	150	150
8/29/2019	15	72	150	150
8/29/2019	16	70	150	150

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/29/2019	17	68	150	150
8/29/2019	18	69	150	150
8/29/2019	19	71	150	150
8/29/2019	20	68	150	150
8/29/2019	21	65	150	150
8/29/2019	22	60	150	126
8/29/2019	23	56	150	135
8/29/2019	24	51	127	127
8/30/2019	1	51	120	120
8/30/2019	2	49	119	119
8/30/2019	3	49	118	118
8/30/2019	4	48	117	117
8/30/2019	5	49	119	119
8/30/2019	6	51	120	120
8/30/2019	7	47	119	119
8/30/2019	8	55	124	124
8/30/2019	9	62	141	125
8/30/2019	10	67	145	122
8/30/2019	11	70	148	140
8/30/2019	12	70	150	135
8/30/2019	13	70	150	135
8/30/2019	14	73	150	145
8/30/2019	15	71	150	140
8/30/2019	16	70	150	135
8/30/2019	17	67	150	125
8/30/2019	18	68	149	135
8/30/2019	19	70	150	143
8/30/2019	20	69	150	135
8/30/2019	21	66	149	118
8/30/2019	22	61	150	121
8/30/2019	23	56	150	131
8/30/2019	24	52	126	126
8/31/2019	1	50	121	121
8/31/2019	2	49	119	119
8/31/2019	3	47	118	118
8/31/2019	4	46	117	117
8/31/2019	5	47	117	117
8/31/2019	6	48	119	119
8/31/2019	7	47	120	120
8/31/2019	8	52	124	124
8/31/2019	9	59	146	119
8/31/2019	10	64	149	117
8/31/2019	11	66	149	119
8/31/2019	12	66	150	110
8/31/2019	13	66	150	120
8/31/2019	14	69	150	129
8/31/2019	15	68	150	125
8/31/2019	16	66	150	121
8/31/2019	17	63	150	109
8/31/2019	18	67	150	125
8/31/2019	19	69	150	130
8/31/2019	20	68	150	130
8/31/2019	21	66	150	126
8/31/2019	22	62	150	126
8/31/2019	23	58	150	150
8/31/2019	24	53	124	124
9/1/2019	1	51	117	117
9/1/2019	2	50	116	116
9/1/2019	3	48	114	114
9/1/2019	4	47	114	114
9/1/2019	5	47	114	114
9/1/2019	6	45	114	114
9/1/2019	7	45	114	114
9/1/2019	8	47	116	116
9/1/2019	9	51	148	114

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/1/2019	10	55	150	112
9/1/2019	11	57	150	114
9/1/2019	12	58	150	115
9/1/2019	13	59	150	116
9/1/2019	14	59	150	117
9/1/2019	15	58	150	117
9/1/2019	16	57	150	116
9/1/2019	17	57	150	115
9/1/2019	18	61	150	116
9/1/2019	19	65	150	145
9/1/2019	20	64	150	130
9/1/2019	21	61	150	119
9/1/2019	22	57	150	119
9/1/2019	23	52	150	118
9/1/2019	24	48	116	116
9/2/2019	1	47	120	120
9/2/2019	2	46	119	119
9/2/2019	3	45	117	117
9/2/2019	4	45	117	117
9/2/2019	5	46	117	117
9/2/2019	6	48	117	117
9/2/2019	7	45	117	117
9/2/2019	8	51	120	120
9/2/2019	9	62	148	119
9/2/2019	10	66	150	137
9/2/2019	11	70	150	150
9/2/2019	12	70	150	150
9/2/2019	13	70	150	150
9/2/2019	14	72	150	150
9/2/2019	15	71	150	150
9/2/2019	16	70	150	150
9/2/2019	17	68	150	150
9/2/2019	18	69	150	150
9/2/2019	19	71	150	150
9/2/2019	20	68	150	150
9/2/2019	21	65	150	133
9/2/2019	22	60	150	122
9/2/2019	23	55	150	126
9/2/2019	24	51	121	121
9/3/2019	1	48	125	125
9/3/2019	2	47	123	123
9/3/2019	3	46	122	123
9/3/2019	4	46	122	122
9/3/2019	5	47	122	122
9/3/2019	6	51	126	124
9/3/2019	7	45	125	122
9/3/2019	8	51	128	128
9/3/2019	9	61	148	130
9/3/2019	10	67	150	150
9/3/2019	11	70	150	150
9/3/2019	12	69	150	150
9/3/2019	13	70	150	150
9/3/2019	14	72	150	150
9/3/2019	15	71	150	150
9/3/2019	16	69	150	150
9/3/2019	17	67	150	150
9/3/2019	18	70	150	150
9/3/2019	19	70	150	150
9/3/2019	20	67	150	150
9/3/2019	21	63	150	149
9/3/2019	22	60	150	138
9/3/2019	23	55	150	134
9/3/2019	24	52	128	127
9/4/2019	1	48	150	128
9/4/2019	2	47	150	128

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/4/2019	3	45	150	128
9/4/2019	4	45	150	128
9/4/2019	5	47	150	128
9/4/2019	6	50	150	128
9/4/2019	7	45	150	128
9/4/2019	8	52	150	128
9/4/2019	9	62	149	133
9/4/2019	10	68	150	150
9/4/2019	11	71	150	150
9/4/2019	12	70	150	150
9/4/2019	13	70	150	150
9/4/2019	14	72	150	150
9/4/2019	15	71	150	150
9/4/2019	16	69	150	150
9/4/2019	17	68	150	150
9/4/2019	18	70	150	150
9/4/2019	19	70	150	150
9/4/2019	20	69	150	150
9/4/2019	21	64	150	150
9/4/2019	22	58	150	150
9/4/2019	23	54	150	150
9/4/2019	24	50	150	128
9/5/2019	1	48	150	129
9/5/2019	2	48	150	129
9/5/2019	3	45	150	129
9/5/2019	4	45	150	129
9/5/2019	5	48	150	129
9/5/2019	6	50	150	129
9/5/2019	7	46	150	129
9/5/2019	8	53	150	129
9/5/2019	9	63	150	150
9/5/2019	10	67	150	150
9/5/2019	11	71	150	150
9/5/2019	12	71	150	150
9/5/2019	13	72	150	150
9/5/2019	14	73	150	150
9/5/2019	15	71	150	150
9/5/2019	16	69	150	150
9/5/2019	17	68	150	150
9/5/2019	18	70	150	150
9/5/2019	19	71	150	150
9/5/2019	20	67	150	150
9/5/2019	21	63	150	150
9/5/2019	22	58	150	150
9/5/2019	23	54	150	150
9/5/2019	24	50	150	129
9/6/2019	1	50	150	129
9/6/2019	2	48	150	129
9/6/2019	3	47	150	129
9/6/2019	4	47	150	129
9/6/2019	5	49	150	129
9/6/2019	6	51	150	129
9/6/2019	7	47	150	129
9/6/2019	8	53	150	129
9/6/2019	9	63	150	149
9/6/2019	10	68	150	150
9/6/2019	11	71	150	150
9/6/2019	12	70	150	150
9/6/2019	13	72	150	150
9/6/2019	14	73	150	150
9/6/2019	15	72	150	150
9/6/2019	16	70	150	150
9/6/2019	17	68	150	150
9/6/2019	18	70	150	150
9/6/2019	19	71	150	150

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ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/6/2019	20	68	150	150
9/6/2019	21	66	150	150
9/6/2019	22	61	150	150
9/6/2019	23	56	150	150
9/6/2019	24	52	150	129
9/7/2019	1	51	150	126
9/7/2019	2	49	150	126
9/7/2019	3	47	150	126
9/7/2019	4	46	150	126
9/7/2019	5	47	150	126
9/7/2019	6	48	150	126
9/7/2019	7	47	150	126
9/7/2019	8	51	150	126
9/7/2019	9	57	150	150
9/7/2019	10	63	150	150
9/7/2019	11	66	150	150
9/7/2019	12	65	150	150
9/7/2019	13	66	150	150
9/7/2019	14	69	150	150
9/7/2019	15	67	150	150
9/7/2019	16	65	150	150
9/7/2019	17	63	150	150
9/7/2019	18	66	150	150
9/7/2019	19	68	150	150
9/7/2019	20	66	150	150
9/7/2019	21	62	150	150
9/7/2019	22	58	150	150
9/7/2019	23	54	150	
9/7/2019	24	49	150	126
9/8/2019	1	48	150	126
9/8/2019	2	46	150	126
9/8/2019	3	45	150	126
9/8/2019	4	45	150	126
9/8/2019	5	46	150	126
9/8/2019	6	45	150	126
9/8/2019	7	44	150	126
9/8/2019	8	45	150	126
9/8/2019	9	48	150	150
9/8/2019	10	52	150	150
9/8/2019	11	56	150	150
9/8/2019	12	56	150	150
9/8/2019	13	58	150	150
9/8/2019	14	58	150	150
9/8/2019	15	58	150	150
9/8/2019	16	57	150	150
9/8/2019	17	57	150	150
9/8/2019	18	61	150	150
9/8/2019	19	64	150	150
9/8/2019	20	63	150	150
9/8/2019	21	60	150	150
9/8/2019	22	56	150	150
9/8/2019	23	52	150	150
9/8/2019	24	47	150	126
9/9/2019	1	46	126	122
9/9/2019	2	44	126	121
9/9/2019	3	44	126	119
9/9/2019	4	44	126	118
9/9/2019	5	45	126	119
9/9/2019	6	48	126	118
9/9/2019	7	44	126	119
9/9/2019	8	51	126	120
9/9/2019	9	61	150	126
9/9/2019	10	65	150	150
9/9/2019	11	69	150	150
9/9/2019	12	69	150	150

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/9/2019	13	70	150	150
9/9/2019	14	72	150	150
9/9/2019	15	71	150	150
9/9/2019	16	70	150	150
9/9/2019	17	68	150	150
9/9/2019	18	69	150	150
9/9/2019	19	71	150	150
9/9/2019	20	68	150	150
9/9/2019	21	64	150	150
9/9/2019	22	58	150	126
9/9/2019	23	54	150	127
9/9/2019	24	51	126	123
9/10/2019	1	50	150	96
9/10/2019	2	48	150	95
9/10/2019	3	47	150	95
9/10/2019	4	47	150	95
9/10/2019	5	49	150	96
9/10/2019	6	52	150	96
9/10/2019	7	48	150	96
9/10/2019	8	54	150	101
9/10/2019	9	62	150	150
9/10/2019	10	68	150	150
9/10/2019	11	70	150	150
9/10/2019	12	70	150	150
9/10/2019	13	71	150	150
9/10/2019	14	74	150	150
9/10/2019	15	72	150	150
9/10/2019	16	71	150	150
9/10/2019	17	68	150	150
9/10/2019	18	70	150	150
9/10/2019	19	71	150	150
9/10/2019	20	68	150	150
9/10/2019	21	65	150	150
9/10/2019	22	60	150	150
9/10/2019	23	54	150	150
9/10/2019	24	51	150	107
9/11/2019	1	53	118	118
9/11/2019	2	51	117	117
9/11/2019	3	50	115	115
9/11/2019	4	49	115	115
9/11/2019	5	51	116	116
9/11/2019	6	53	118	118
9/11/2019	7	49	116	116
9/11/2019	8	57	124	124
9/11/2019	9	65	150	150
9/11/2019	10	71	150	150
9/11/2019	11	73	150	150
9/11/2019	12	72	150	150
9/11/2019	13	73	150	150
9/11/2019	14	75	150	150
9/11/2019	15	74	150	150
9/11/2019	16	72	150	150
9/11/2019	17	70	150	150
9/11/2019	18	74	150	150
9/11/2019	19	75	150	150
9/11/2019	20	73	150	150
9/11/2019	21	70	150	150
9/11/2019	22	64	150	140
9/11/2019	23	59	150	
9/11/2019	24	53	123	123
9/12/2019	1	54	118	118
9/12/2019	2	52	117	117
9/12/2019	3	50	115	115
9/12/2019	4	50	115	115
9/12/2019	5	52	116	116

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/12/2019	6	54	117	117
9/12/2019	7	50	115	115
9/12/2019	8	57	122	122
9/12/2019	9	66	147	147
9/12/2019	10	73	150	150
9/12/2019	11	74	150	150
9/12/2019	12	73	150	137
9/12/2019	13	75	150	150
9/12/2019	14	77	150	150
9/12/2019	15	76	150	150
9/12/2019	16	74	150	150
9/12/2019	17	71	150	150
9/12/2019	18	74	150	150
9/12/2019	19	76	150	150
9/12/2019	20	72	150	150
9/12/2019	21	71	150	150
9/12/2019	22	66	150	150
9/12/2019	23	59	150	129
9/12/2019	24	56	122	122
9/13/2019	1	52	128	128
9/13/2019	2	51	126	126
9/13/2019	3	49	124	124
9/13/2019	4	49	124	124
9/13/2019	5	51	126	126
9/13/2019	6	52	129	129
9/13/2019	7	49	126	126
9/13/2019	8	55	133	133
9/13/2019	9	64	147	135
9/13/2019	10	69	148	129
9/13/2019	11	70	150	135
9/13/2019	12	70	150	136
9/13/2019	13	70	150	138
9/13/2019	14	74	150	150
9/13/2019	15	71	150	141
9/13/2019	16	71	150	139
9/13/2019	17	66	150	134
9/13/2019	18	70	150	137
9/13/2019	19	70	150	150
9/13/2019	20	68	150	137
9/13/2019	21	66	150	132
9/13/2019	22	61	150	126
9/13/2019	23	57	150	135
9/13/2019	24	54	135	135
9/14/2019	1	49	119	119
9/14/2019	2	48	118	118
9/14/2019	3	47	116	116
9/14/2019	4	46	116	116
9/14/2019	5	46	115	115
9/14/2019	6	48	116	116
9/14/2019	7	48	117	117
9/14/2019	8	51	121	121
9/14/2019	9	55	119	119
9/14/2019	10	62	150	119
9/14/2019	11	66	150	130
9/14/2019	12	65	150	126
9/14/2019	13	67	150	145
9/14/2019	14	69	150	150
9/14/2019	15	68	150	150
9/14/2019	16	67	150	133
9/14/2019	17	63	150	118
9/14/2019	18	69	150	133
9/14/2019	19	70	150	150
9/14/2019	20	69	150	150
9/14/2019	21	67	150	146
9/14/2019	22	62	150	120

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/14/2019	23	58	150	130
9/14/2019	24	54	125	125
9/15/2019	1	50	119	119
9/15/2019	2	49	117	117
9/15/2019	3	48	116	116
9/15/2019	4	47	115	115
9/15/2019	5	47	115	115
9/15/2019	6	46	116	116
9/15/2019	7	46	116	116
9/15/2019	8	48	119	119
9/15/2019	9	52	124	119
9/15/2019	10	54	150	110
9/15/2019	11	57	150	115
9/15/2019	12	58	150	116
9/15/2019	13	59	150	116
9/15/2019	14	60	150	117
9/15/2019	15	59	150	115
9/15/2019	16	57	150	116
9/15/2019	17	59	150	126
9/15/2019	18	65	150	126
9/15/2019	19	66	150	144
9/15/2019	20	66	150	147
9/15/2019	21	64	150	141
9/15/2019	22	60	150	123
9/15/2019	23	54	150	
9/15/2019	24	51	121	121
9/16/2019	1	49	124	124
9/16/2019	2	47	122	122
9/16/2019	3	46	121	121
9/16/2019	4	46	119	119
9/16/2019	5	48	122	122
9/16/2019	6	51	125	125
9/16/2019	7	48	122	122
9/16/2019	8	53	128	128
9/16/2019	9	64	150	129
9/16/2019	10	69	150	143
9/16/2019	11	72	150	150
9/16/2019	12	71	150	150
9/16/2019	13	70	150	150
9/16/2019	14	73	150	150
9/16/2019	15	72	150	150
9/16/2019	16	71	150	150
9/16/2019	17	70	150	150
9/16/2019	18	72	150	150
9/16/2019	19	73	150	150
9/16/2019	20	72	150	150
9/16/2019	21	69	150	150
9/16/2019	22	63	150	135
9/16/2019	23	58	150	134
9/16/2019	24	52	128	128
9/17/2019	1	49	128	128
9/17/2019	2	48	125	125
9/17/2019	3	46	124	124
9/17/2019	4	46	124	124
9/17/2019	5	48	126	126
9/17/2019	6	50	128	128
9/17/2019	7	47	127	127
9/17/2019	8	51	132	132
9/17/2019	9	60	150	134
9/17/2019	10	66	150	130
9/17/2019	11	69	150	134
9/17/2019	12	69	150	133
9/17/2019	13	69	150	133
9/17/2019	14	72	150	137
9/17/2019	15	70	150	136

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/17/2019	16	69	150	134
9/17/2019	17	68	150	131
9/17/2019	18	70	150	145
9/17/2019	19	70	150	145
9/17/2019	20	68	150	146
9/17/2019	21	64	150	133
9/17/2019	22	60	150	129
9/17/2019	23	55	150	140
9/17/2019	24	52	132	132
9/18/2019	1	51	122	122
9/18/2019	2	50	121	121
9/18/2019	3	49	119	121
9/18/2019	4	48	119	119
9/18/2019	5	50	122	122
9/18/2019	6	52	124	124
9/18/2019	7	48	121	121
9/18/2019	8	55	126	126
9/18/2019	9	64	150	134
9/18/2019	10	68	150	134
9/18/2019	11	72	150	144
9/18/2019	12	71	150	135
9/18/2019	13	72	150	135
9/18/2019	14	74	150	150
9/18/2019	15	74	150	150
9/18/2019	16	72	150	150
9/18/2019	17	69	150	150
9/18/2019	18	72	150	150
9/18/2019	19	73	150	150
9/18/2019	20	71	150	150
9/18/2019	21	68	150	150
9/18/2019	22	63	150	139
9/18/2019	23	57	150	137
9/18/2019	24	52	130	130
9/19/2019	1	52	123	123
9/19/2019	2	49	121	121
9/19/2019	3	48	120	120
9/19/2019	4	47	120	120
9/19/2019	5	50	121	121
9/19/2019	6	52	124	124
9/19/2019	7	47	121	121
9/19/2019	8	55	128	128
9/19/2019	9	65	150	150
9/19/2019	10	70	150	150
9/19/2019	11	72	150	150
9/19/2019	12	72	150	150
9/19/2019	13	72	150	150
9/19/2019	14	76	150	150
9/19/2019	15	76	150	150
9/19/2019	16	74	150	150
9/19/2019	17	71	150	150
9/19/2019	18	74	150	150
9/19/2019	19	73	150	150
9/19/2019	20	71	150	150
9/19/2019	21	68	150	150
9/19/2019	22	63	150	144
9/19/2019	23	58	150	133
9/19/2019	24	54	128	128
9/20/2019	1	51	121	121
9/20/2019	2	49	120	120
9/20/2019	3	48	118	118
9/20/2019	4	46	118	118
9/20/2019	5	49	120	120
9/20/2019	6	51	122	122
9/20/2019	7	47	119	119
9/20/2019	8	54	122	122

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/20/2019	9	64	150	146
9/20/2019	10	69	150	150
9/20/2019	11	72	150	150
9/20/2019	12	71	150	150
9/20/2019	13	72	150	150
9/20/2019	14	75	150	150
9/20/2019	15	74	150	150
9/20/2019	16	73	150	150
9/20/2019	17	70	150	150
9/20/2019	18	73	150	150
9/20/2019	19	73	150	150
9/20/2019	20	71	150	150
9/20/2019	21	68	150	150
9/20/2019	22	62	150	139
9/20/2019	23	58	150	122
9/20/2019	24	53	116	116
9/21/2019	1	51	125	125
9/21/2019	2	49	123	123
9/21/2019	3	48	121	121
9/21/2019	4	47	121	121
9/21/2019	5	47	121	121
9/21/2019	6	48	123	123
9/21/2019	7	47	122	122
9/21/2019	8	52	127	127
9/21/2019	9	58	150	124
9/21/2019	10	62	150	129
9/21/2019	11	66	150	141
9/21/2019	12	65	150	138
9/21/2019	13	66	150	145
9/21/2019	14	69	150	150
9/21/2019	15	68	150	150
9/21/2019	16	66	150	150
9/21/2019	17	63	150	147
9/21/2019	18	70	150	150
9/21/2019	19	71	150	150
9/21/2019	20	69	150	150
9/21/2019	21	67	150	150
9/21/2019	22	63	150	142
9/21/2019	23	58	150	134
9/21/2019	24	54	128	128
9/22/2019	1	50	120	120
9/22/2019	2	49	120	120
9/22/2019	3	48	118	118
9/22/2019	4	46	118	118
9/22/2019	5	47	118	118
9/22/2019	6	47	118	118
9/22/2019	7	46	120	120
9/22/2019	8	47	121	121
9/22/2019	9	52	150	125
9/22/2019	10	54	150	127
9/22/2019	11	57	150	130
9/22/2019	12	58	150	133
9/22/2019	13	60	150	134
9/22/2019	14	60	150	135
9/22/2019	15	60	150	135
9/22/2019	16	57	150	133
9/22/2019	17	59	150	133
9/22/2019	18	66	150	150
9/22/2019	19	68	150	150
9/22/2019	20	66	150	150
9/22/2019	21	65	150	150
9/22/2019	22	60	150	145
9/22/2019	23	54	150	
9/22/2019	24	52	125	125
9/23/2019	1	48	126	126

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/23/2019	2	47	122	122
9/23/2019	3	46	121	121
9/23/2019	4	45	122	122
9/23/2019	5	47	124	124
9/23/2019	6	49	126	126
9/23/2019	7	47	124	124
9/23/2019	8	54	130	130
9/23/2019	9	64	150	150
9/23/2019	10	69	150	150
9/23/2019	11	72	150	150
9/23/2019	12	71	150	150
9/23/2019	13	72	150	150
9/23/2019	14	74	150	150
9/23/2019	15	73	150	150
9/23/2019	16	73	150	150
9/23/2019	17	70	150	150
9/23/2019	18	74	150	150
9/23/2019	19	73	150	150
9/23/2019	20	71	150	150
9/23/2019	21	67	150	150
9/23/2019	22	63	150	150
9/23/2019	23	57	150	139
9/23/2019	24	52	132	132
9/24/2019	1	51	132	132
9/24/2019	2	49	120	120
9/24/2019	3	48	120	120
9/24/2019	4	47	120	120
9/24/2019	5	49	123	123
9/24/2019	6	52	136	136
9/24/2019	7	47	122	122
9/24/2019	8	56	148	148
9/24/2019	9	64	150	150
9/24/2019	10	70	150	150
9/24/2019	11	72	150	150
9/24/2019	12	72	150	150
9/24/2019	13	73	150	150
9/24/2019	14	76	150	150
9/24/2019	15	75	150	150
9/24/2019	16	73	150	150
9/24/2019	17	70	150	150
9/24/2019	18	73	150	150
9/24/2019	19	74	150	150
9/24/2019	20	72	150	150
9/24/2019	21	68	150	150
9/24/2019	22	63	150	150
9/24/2019	23	58	150	144
9/24/2019	24	54	136	135
9/25/2019	1	50	128	128
9/25/2019	2	49	121	121
9/25/2019	3	47	120	120
9/25/2019	4	46	121	121
9/25/2019	5	49	123	123
9/25/2019	6	51	132	131
9/25/2019	7	47	122	122
9/25/2019	8	54	138	137
9/25/2019	9	64	150	150
9/25/2019	10	70	150	150
9/25/2019	11	73	150	150
9/25/2019	12	72	150	150
9/25/2019	13	73	150	150
9/25/2019	14	76	150	150
9/25/2019	15	75	150	150
9/25/2019	16	73	150	150
9/25/2019	17	70	150	150
9/25/2019	18	74	150	150

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/25/2019	19	73	150	150
9/25/2019	20	71	150	150
9/25/2019	21	69	150	150
9/25/2019	22	63	150	150
9/25/2019	23	57	150	
9/25/2019	24	54	136	136
9/26/2019	1	51	134	133
9/26/2019	2	50	123	123
9/26/2019	3	48	123	123
9/26/2019	4	47	123	123
9/26/2019	5	49	125	125
9/26/2019	6	51	128	128
9/26/2019	7	47	125	125
9/26/2019	8	54	139	139
9/26/2019	9	66	150	150
9/26/2019	10	70	150	150
9/26/2019	11	73	150	150
9/26/2019	12	73	150	150
9/26/2019	13	74	150	150
9/26/2019	14	77	150	150
9/26/2019	15	76	150	150
9/26/2019	16	75	150	150
9/26/2019	17	71	150	150
9/26/2019	18	75	150	150
9/26/2019	19	74	150	150
9/26/2019	20	72	150	150
9/26/2019	21	69	150	150
9/26/2019	22	64	150	150
9/26/2019	23	58	150	139
9/26/2019	24	54	132	132
9/27/2019	1	52	135	135
9/27/2019	2	50	135	135
9/27/2019	3	48	130	130
9/27/2019	4	48	121	121
9/27/2019	5	51	134	134
9/27/2019	6	51	128	125
9/27/2019	7	47	124	124
9/27/2019	8	56	150	150
9/27/2019	9	65	150	150
9/27/2019	10	71	150	150
9/27/2019	11	74	150	150
9/27/2019	12	73	150	150
9/27/2019	13	75	150	150
9/27/2019	14	77	150	150
9/27/2019	15	76	150	150
9/27/2019	16	75	150	150
9/27/2019	17	72	150	150
9/27/2019	18	76	150	150
9/27/2019	19	75	150	150
9/27/2019	20	72	150	150
9/27/2019	21	70	150	150
9/27/2019	22	65	150	150
9/27/2019	23	59	150	150
9/27/2019	24	55	150	150
9/28/2019	1	53	150	150
9/28/2019	2	51	150	150
9/28/2019	3	49	137	136
9/28/2019	4	49	136	136
9/28/2019	5	49	141	141
9/28/2019	6	49	144	144
9/28/2019	7	48	126	126
9/28/2019	8	53	150	149
9/28/2019	9	58	150	150
9/28/2019	10	63	150	150
9/28/2019	11	67	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/28/2019	12	67	150	150
9/28/2019	13	68	150	150
9/28/2019	14	70	150	150
9/28/2019	15	69	150	150
9/28/2019	16	67	150	150
9/28/2019	17	65	150	150
9/28/2019	18	73	150	150
9/28/2019	19	72	150	150
9/28/2019	20	70	150	150
9/28/2019	21	68	150	150
9/28/2019	22	63	150	150
9/28/2019	23	59	150	150
9/28/2019	24	55	150	150
9/29/2019	1	52	137	137
9/29/2019	2	50	130	130
9/29/2019	3	48	123	123
9/29/2019	4	47	138	138
9/29/2019	5	47	142	142
9/29/2019	6	48	129	129
9/29/2019	7	47	125	125
9/29/2019	8	50	144	144
9/29/2019	9	56	150	150
9/29/2019	10	58	150	150
9/29/2019	11	62	150	150
9/29/2019	12	62	150	150
9/29/2019	13	63	150	150
9/29/2019	14	64	150	150
9/29/2019	15	63	150	150
9/29/2019	16	62	150	150
9/29/2019	17	61	150	150
9/29/2019	18	68	150	150
9/29/2019	19	68	150	150
9/29/2019	20	67	150	150
9/29/2019	21	65	150	150
9/29/2019	22	60	150	150
9/29/2019	23	56	150	
9/29/2019	24	53	150	150
9/30/2019	1	50	140	140
9/30/2019	2	48	135	135
9/30/2019	3	48	135	135
9/30/2019	4	47	130	130
9/30/2019	5	50	135	135
9/30/2019	6	51	135	135
9/30/2019	7	48	124	124
9/30/2019	8	54	130	130
9/30/2019	9	65	150	150
9/30/2019	10	71	150	150
9/30/2019	11	75	150	150
9/30/2019	12	75	150	150
9/30/2019	13	75	150	150
9/30/2019	14	76	150	150
9/30/2019	15	76	150	150
9/30/2019	16	74	150	150
9/30/2019	17	70	150	150
9/30/2019	18	75	150	150
9/30/2019	19	73	150	150
9/30/2019	20	72	150	150
9/30/2019	21	69	150	150
9/30/2019	22	63	145	145
9/30/2019	23	59	145	145
9/30/2019	24	55	140	140
10/1/2019	1	52	134	134
10/1/2019	2	50	130	130
10/1/2019	3	49	125	125
10/1/2019	4	50	130	127

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/1/2019	5	50	125	125
10/1/2019	6	51	125	125
10/1/2019	7	48	122	122
10/1/2019	8	54	150	143
10/1/2019	9	66	150	150
10/1/2019	10	71	150	150
10/1/2019	11	73	150	150
10/1/2019	12	73	150	150
10/1/2019	13	74	150	150
10/1/2019	14	76	150	150
10/1/2019	15	75	150	150
10/1/2019	16	74	150	150
10/1/2019	17	71	150	150
10/1/2019	18	75	150	150
10/1/2019	19	75	150	150
10/1/2019	20	73	150	150
10/1/2019	21	70	150	150
10/1/2019	22	65	150	150
10/1/2019	23	60	150	150
10/1/2019	24	56	150	150
10/2/2019	1	52	132	132
10/2/2019	2	50	127	127
10/2/2019	3	49	124	124
10/2/2019	4	47	123	123
10/2/2019	5	50	126	126
10/2/2019	6	51	130	130
10/2/2019	7	47	125	125
10/2/2019	8	55	140	140
10/2/2019	9	65	150	150
10/2/2019	10	70	150	150
10/2/2019	11	74	150	150
10/2/2019	12	72	150	150
10/2/2019	13	74	150	150
10/2/2019	14	77	150	150
10/2/2019	15	75	150	150
10/2/2019	16	74	150	150
10/2/2019	17	70	150	150
10/2/2019	18	75	150	150
10/2/2019	19	73	150	150
10/2/2019	20	71	150	150
10/2/2019	21	69	150	150
10/2/2019	22	63	150	150
10/2/2019	23	57	140	
10/2/2019	24	54	137	137
10/3/2019	1	52	123	123
10/3/2019	2	50	121	121
10/3/2019	3	49	120	120
10/3/2019	4	48	120	120
10/3/2019	5	51	122	122
10/3/2019	6	52	124	124
10/3/2019	7	48	123	123
10/3/2019	8	56	150	150
10/3/2019	9	66	150	150
10/3/2019	10	70	150	150
10/3/2019	11	74	150	150
10/3/2019	12	74	150	150
10/3/2019	13	74	150	150
10/3/2019	14	78	150	150
10/3/2019	15	76	150	150
10/3/2019	16	73	150	150
10/3/2019	17	70	150	150
10/3/2019	18	75	150	150
10/3/2019	19	73	150	150
10/3/2019	20	70	150	150
10/3/2019	21	67	150	150

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/3/2019	22	62	150	150
10/3/2019	23	57	140	140
10/3/2019	24	53	135	135
10/4/2019	1	51	132	132
10/4/2019	2	49	123	123
10/4/2019	3	48	122	122
10/4/2019	4	46	122	122
10/4/2019	5	49	123	123
10/4/2019	6	51	133	133
10/4/2019	7	47	122	122
10/4/2019	8	54	137	137
10/4/2019	9	65	150	150
10/4/2019	10	70	150	150
10/4/2019	11	74	150	150
10/4/2019	12	73	150	150
10/4/2019	13	74	150	150
10/4/2019	14	76	150	150
10/4/2019	15	75	150	150
10/4/2019	16	73	150	150
10/4/2019	17	70	150	150
10/4/2019	18	75	150	150
10/4/2019	19	73	150	150
10/4/2019	20	71	150	150
10/4/2019	21	67	150	150
10/4/2019	22	61	150	150
10/4/2019	23	57	150	150
10/4/2019	24	53	135	135
10/5/2019	1	52	130	130
10/5/2019	2	50	128	128
10/5/2019	3	49	125	125
10/5/2019	4	48	125	125
10/5/2019	5	49	127	127
10/5/2019	6	50	130	130
10/5/2019	7	48	126	126
10/5/2019	8	51	136	136
10/5/2019	9	58	150	150
10/5/2019	10	63	150	150
10/5/2019	11	67	150	150
10/5/2019	12	67	150	150
10/5/2019	13	68	150	150
10/5/2019	14	71	150	150
10/5/2019	15	69	150	150
10/5/2019	16	67	150	150
10/5/2019	17	65	150	150
10/5/2019	18	70	150	150
10/5/2019	19	70	150	150
10/5/2019	20	69	150	150
10/5/2019	21	66	150	150
10/5/2019	22	62	150	150
10/5/2019	23	58	150	150
10/5/2019	24	54	137	137
10/6/2019	1	50	135	135
10/6/2019	2	50	134	134
10/6/2019	3	48	125	125
10/6/2019	4	47	125	125
10/6/2019	5	47	127	127
10/6/2019	6	47	130	130
10/6/2019	7	47	126	126
10/6/2019	8	49	136	136
10/6/2019	9	55	140	140
10/6/2019	10	58	142	142
10/6/2019	11	62	147	147
10/6/2019	12	62	147	147
10/6/2019	13	63	150	150
10/6/2019	14	63	150	150

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/6/2019	15	63	150	150
10/6/2019	16	61	147	146
10/6/2019	17	61	144	144
10/6/2019	18	67	150	150
10/6/2019	19	68	150	150
10/6/2019	20	67	150	150
10/6/2019	21	65	150	150
10/6/2019	22	60	141	140
10/6/2019	23	55	145	148
10/6/2019	24	52	137	137
10/7/2019	1	50	129	129
10/7/2019	2	48	126	126
10/7/2019	3	46	123	123
10/7/2019	4	46	123	123
10/7/2019	5	49	126	126
10/7/2019	6	51	129	129
10/7/2019	7	48	124	124
10/7/2019	8	53	134	134
10/7/2019	9	64	141	141
10/7/2019	10	70	150	150
10/7/2019	11	74	150	150
10/7/2019	12	73	150	150
10/7/2019	13	74	150	150
10/7/2019	14	76	150	150
10/7/2019	15	75	150	150
10/7/2019	16	73	150	150
10/7/2019	17	70	150	150
10/7/2019	18	74	150	150
10/7/2019	19	73	150	150
10/7/2019	20	72	150	150
10/7/2019	21	69	150	150
10/7/2019	22	63	145	145
10/7/2019	23	57	144	144
10/7/2019	24	54	135	135
10/8/2019	1	49	132	132
10/8/2019	2	48	128	128
10/8/2019	3	46	125	125
10/8/2019	4	46	124	124
10/8/2019	5	49	126	126
10/8/2019	6	51	132	132
10/8/2019	7	47	129	129
10/8/2019	8	54	138	138
10/8/2019	9	64	150	150
10/8/2019	10	70	150	150
10/8/2019	11	74	150	150
10/8/2019	12	73	150	150
10/8/2019	13	74	150	150
10/8/2019	14	77	150	150
10/8/2019	15	75	150	150
10/8/2019	16	74	150	150
10/8/2019	17	71	150	150
10/8/2019	18	75	150	150
10/8/2019	19	74	150	150
10/8/2019	20	71	150	150
10/8/2019	21	68	150	150
10/8/2019	22	62	150	150
10/8/2019	23	56	150	150
10/8/2019	24	53	150	150
10/9/2019	1	51	132	132
10/9/2019	2	49	128	128
10/9/2019	3	48	125	128
10/9/2019	4	47	124	124
10/9/2019	5	50	126	126
10/9/2019	6	50	132	132
10/9/2019	7	48	129	129

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/9/2019	8	54	138	138
10/9/2019	9	65	140	140
10/9/2019	10	71	150	150
10/9/2019	11	75	150	150
10/9/2019	12	74	150	150
10/9/2019	13	75	150	150
10/9/2019	14	77	150	150
10/9/2019	15	75	150	150
10/9/2019	16	74	150	150
10/9/2019	17	73	150	150
10/9/2019	18	76	150	150
10/9/2019	19	74	150	150
10/9/2019	20	72	150	150
10/9/2019	21	70	150	150
10/9/2019	22	65	150	150
10/9/2019	23	59	148	148
10/9/2019	24	54	139	139
10/10/2019	1	51	129	129
10/10/2019	2	49	127	127
10/10/2019	3	48	122	122
10/10/2019	4	48	121	121
10/10/2019	5	50	125	125
10/10/2019	6	53	131	131
10/10/2019	7	49	125	125
10/10/2019	8	57	135	135
10/10/2019	9	68	150	150
10/10/2019	10	73	150	150
10/10/2019	11	77	150	150
10/10/2019	12	76	150	150
10/10/2019	13	75	150	150
10/10/2019	14	77	150	150
10/10/2019	15	76	150	150
10/10/2019	16	75	150	150
10/10/2019	17	72	150	150
10/10/2019	18	76	150	150
10/10/2019	19	74	150	150
10/10/2019	20	72	150	150
10/10/2019	21	68	150	150
10/10/2019	22	63	136	136
10/10/2019	23	58	145	145
10/10/2019	24	54	139	139
10/11/2019	1	52	132	132
10/11/2019	2	50	129	129
10/11/2019	3	48	124	124
10/11/2019	4	47	123	123
10/11/2019	5	50	126	126
10/11/2019	6	51	134	134
10/11/2019	7	48	128	128
10/11/2019	8	56	138	138
10/11/2019	9	66	142	142
10/11/2019	10	71	142	142
10/11/2019	11	74	145	145
10/11/2019	12	75	146	146
10/11/2019	13	75	150	150
10/11/2019	14	77	149	149
10/11/2019	15	76	150	150
10/11/2019	16	75	150	150
10/11/2019	17	71	148	148
10/11/2019	18	75	150	150
10/11/2019	19	72	150	150
10/11/2019	20	69	149	149
10/11/2019	21	66	149	149
10/11/2019	22	63	144	144
10/11/2019	23	58	148	148
10/11/2019	24	54	141	141

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/12/2019	1	51	132	132
10/12/2019	2	49	131	131
10/12/2019	3	48	130	130
10/12/2019	4	48	129	129
10/12/2019	5	48	130	130
10/12/2019	6	49	131	131
10/12/2019	7	48	132	132
10/12/2019	8	52	136	136
10/12/2019	9	59	140	140
10/12/2019	10	63	134	134
10/12/2019	11	68	136	136
10/12/2019	12	68	134	132
10/12/2019	13	69	135	134
10/12/2019	14	71	141	136
10/12/2019	15	70	141	137
10/12/2019	16	68	137	134
10/12/2019	17	66	137	133
10/12/2019	18	71	140	140
10/12/2019	19	70	134	134
10/12/2019	20	68	138	138
10/12/2019	21	65	137	136
10/12/2019	22	60	140	131
10/12/2019	23	56	142	142
10/12/2019	24	52	137	137
10/13/2019	1	50	133	133
10/13/2019	2	48	132	132
10/13/2019	3	46	130	130
10/13/2019	4	45	129	129
10/13/2019	5	46	129	129
10/13/2019	6	46	129	129
10/13/2019	7	45	129	129
10/13/2019	8	48	132	132
10/13/2019	9	51	136	136
10/13/2019	10	56	139	139
10/13/2019	11	60	143	143
10/13/2019	12	61	144	144
10/13/2019	13	62	144	144
10/13/2019	14	63	144	144
10/13/2019	15	61	144	144
10/13/2019	16	57	144	144
10/13/2019	17	55	137	137
10/13/2019	18	66	150	150
10/13/2019	19	65	140	134
10/13/2019	20	64	137	137
10/13/2019	21	63	136	136
10/13/2019	22	58	142	142
10/13/2019	23	55	135	
10/13/2019	24	51	130	130
10/14/2019	1	48	132	132
10/14/2019	2	47	130	130
10/14/2019	3	45	128	128
10/14/2019	4	44	128	128
10/14/2019	5	46	130	130
10/14/2019	6	47	133	133
10/14/2019	7	44	130	130
10/14/2019	8	52	136	136
10/14/2019	9	63	139	139
10/14/2019	10	71	150	150
10/14/2019	11	73	150	150
10/14/2019	12	74	150	150
10/14/2019	13	75	150	150
10/14/2019	14	75	150	150
10/14/2019	15	74	150	150
10/14/2019	16	73	150	150
10/14/2019	17	72	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/14/2019	18	75	150	150
10/14/2019	19	73	150	150
10/14/2019	20	72	150	150
10/14/2019	21	70	147	147
10/14/2019	22	63	143	143
10/14/2019	23	58	140	140
10/14/2019	24	55	135	135
10/15/2019	1	50	128	128
10/15/2019	2	49	120	120
10/15/2019	3	48	107	107
10/15/2019	4	48	109	109
10/15/2019	5	50	114	114
10/15/2019	6	52	122	122
10/15/2019	7	48	118	118
10/15/2019	8	56	125	125
10/15/2019	9	67	146	146
10/15/2019	10	73	150	150
10/15/2019	11	76	150	150
10/15/2019	12	75	150	150
10/15/2019	13	75	150	150
10/15/2019	14	77	150	150
10/15/2019	15	76	150	150
10/15/2019	16	74	150	150
10/15/2019	17	70	150	150
10/15/2019	18	75	150	150
10/15/2019	19	72	150	150
10/15/2019	20	70	150	150
10/15/2019	21	68	150	150
10/15/2019	22	62	143	143
10/15/2019	23	58	142	142
10/15/2019	24	55	135	135
10/16/2019	1	50	126	126
10/16/2019	2	49	125	125
10/16/2019	3	47	123	123
10/16/2019	4	47	123	123
10/16/2019	5	48	125	125
10/16/2019	6	51	128	128
10/16/2019	7	46	125	125
10/16/2019	8	54	131	131
10/16/2019	9	65	150	140
10/16/2019	10	71	150	150
10/16/2019	11	74	150	150
10/16/2019	12	74	150	150
10/16/2019	13	75	150	150
10/16/2019	14	77	150	150
10/16/2019	15	76	150	150
10/16/2019	16	74	150	150
10/16/2019	17	71	150	150
10/16/2019	18	75	150	150
10/16/2019	19	71	150	150
10/16/2019	20	69	150	150
10/16/2019	21	67	150	150
10/16/2019	22	60	141	132
10/16/2019	23	56	141	141
10/16/2019	24	52	134	134
10/17/2019	1	49	122	122
10/17/2019	2	48	121	121
10/17/2019	3	48	119	119
10/17/2019	4	47	118	118
10/17/2019	5	50	120	120
10/17/2019	6	50	124	124
10/17/2019	7	48	121	121
10/17/2019	8	54	128	128
10/17/2019	9	65	150	142
10/17/2019	10	71	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/17/2019	11	73	150	150
10/17/2019	12	72	150	150
10/17/2019	13	73	150	150
10/17/2019	14	76	150	150
10/17/2019	15	75	150	150
10/17/2019	16	73	150	150
10/17/2019	17	71	150	150
10/17/2019	18	76	150	150
10/17/2019	19	73	150	150
10/17/2019	20	68	150	150
10/17/2019	21	64	150	137
10/17/2019	22	61	149	132
10/17/2019	23	56	149	142
10/17/2019	24	53	125	125
10/18/2019	1	50	132	132
10/18/2019	2	49	127	127
10/18/2019	3	47	124	124
10/18/2019	4	47	123	123
10/18/2019	5	49	125	125
10/18/2019	6	51	133	133
10/18/2019	7	48	128	128
10/18/2019	8	55	138	138
10/18/2019	9	65	149	146
10/18/2019	10	71	150	150
10/18/2019	11	74	150	150
10/18/2019	12	72	150	150
10/18/2019	13	73	150	150
10/18/2019	14	74	150	150
10/18/2019	15	74	150	150
10/18/2019	16	73	150	150
10/18/2019	17	70	150	150
10/18/2019	18	74	150	150
10/18/2019	19	72	150	150
10/18/2019	20	67	149	145
10/18/2019	21	63	149	141
10/18/2019	22	58	148	136
10/18/2019	23	55	147	141
10/18/2019	24	51	134	134
10/19/2019	1	49	131	131
10/19/2019	2	48	128	128
10/19/2019	3	47	126	126
10/19/2019	4	46	124	124
10/19/2019	5	47	127	127
10/19/2019	6	48	133	133
10/19/2019	7	46	127	127
10/19/2019	8	51	136	136
10/19/2019	9	61	148	139
10/19/2019	10	63	149	142
10/19/2019	11	67	150	144
10/19/2019	12	67	150	144
10/19/2019	13	68	150	145
10/19/2019	14	68	150	148
10/19/2019	15	68	150	149
10/19/2019	16	67	150	147
10/19/2019	17	65	150	142
10/19/2019	18	69	149	149
10/19/2019	19	67	150	150
10/19/2019	20	65	149	145
10/19/2019	21	63	148	142
10/19/2019	22	59	147	136
10/19/2019	23	55	146	142
10/19/2019	24	51	135	135
10/20/2019	1	49	133	133
10/20/2019	2	48	132	132
10/20/2019	3	47	130	132

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/20/2019	4	46	129	129
10/20/2019	5	46	129	129
10/20/2019	6	46	129	129
10/20/2019	7	46	129	129
10/20/2019	8	47	132	132
10/20/2019	9	52	148	136
10/20/2019	10	56	149	139
10/20/2019	11	59	150	143
10/20/2019	12	60	150	144
10/20/2019	13	60	150	144
10/20/2019	14	61	150	144
10/20/2019	15	59	150	150
10/20/2019	16	57	150	144
10/20/2019	17	59	150	137
10/20/2019	18	66	149	135
10/20/2019	19	65	149	134
10/20/2019	20	62	149	137
10/20/2019	21	59	148	136
10/20/2019	22	56	147	142
10/20/2019	23	52	146	135
10/20/2019	24	48	130	130
10/21/2019	1	48	132	132
10/21/2019	2	46	130	130
10/21/2019	3	44	128	128
10/21/2019	4	43	128	128
10/21/2019	5	46	130	130
10/21/2019	6	48	133	133
10/21/2019	7	44	130	130
10/21/2019	8	52	136	136
10/21/2019	9	62	148	124
10/21/2019	10	69	150	150
10/21/2019	11	73	150	150
10/21/2019	12	72	150	150
10/21/2019	13	73	150	150
10/21/2019	14	76	150	150
10/21/2019	15	75	150	150
10/21/2019	16	72	150	150
10/21/2019	17	70	150	150
10/21/2019	18	74	150	150
10/21/2019	19	72	150	150
10/21/2019	20	69	150	150
10/21/2019	21	66	148	147
10/21/2019	22	61	147	133
10/21/2019	23	57	146	140
10/21/2019	24	53	135	135
10/22/2019	1	51	131	131
10/22/2019	2	49	127	127
10/22/2019	3	48	125	125
10/22/2019	4	48	124	124
10/22/2019	5	50	126	126
10/22/2019	6	53	132	132
10/22/2019	7	49	125	125
10/22/2019	8	56	137	137
10/22/2019	9	68	150	150
10/22/2019	10	74	150	150
10/22/2019	11	78	150	150
10/22/2019	12	76	150	150
10/22/2019	13	76	150	150
10/22/2019	14	79	150	150
10/22/2019	15	77	150	150
10/22/2019	16	75	150	150
10/22/2019	17	72	150	150
10/22/2019	18	77	150	150
10/22/2019	19	74	150	150
10/22/2019	20	72	150	150

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/22/2019	21	68	150	150
10/22/2019	22	62	150	136
10/22/2019	23	58	147	142
10/22/2019	24	55	136	136
10/23/2019	1	52	131	131
10/23/2019	2	50	126	126
10/23/2019	3	48	124	124
10/23/2019	4	48	125	125
10/23/2019	5	50	126	126
10/23/2019	6	52	133	133
10/23/2019	7	48	128	128
10/23/2019	8	57	139	139
10/23/2019	9	67	150	150
10/23/2019	10	73	150	150
10/23/2019	11	77	150	150
10/23/2019	12	75	150	150
10/23/2019	13	77	150	150
10/23/2019	14	80	150	150
10/23/2019	15	78	150	150
10/23/2019	16	77	150	150
10/23/2019	17	74	150	150
10/23/2019	18	78	150	150
10/23/2019	19	76	150	150
10/23/2019	20	73	150	150
10/23/2019	21	70	150	150
10/23/2019	22	65	150	150
10/23/2019	23	60	147	145
10/23/2019	24	55	137	137
10/24/2019	1	54	131	131
10/24/2019	2	52	129	129
10/24/2019	3	50	125	125
10/24/2019	4	49	125	125
10/24/2019	5	51	127	127
10/24/2019	6	53	132	132
10/24/2019	7	51	128	128
10/24/2019	8	61	136	136
10/24/2019	9	70	150	150
10/24/2019	10	74	150	150
10/24/2019	11	78	150	150
10/24/2019	12	77	150	150
10/24/2019	13	76	150	150
10/24/2019	14	80	150	150
10/24/2019	15	78	150	150
10/24/2019	16	76	150	150
10/24/2019	17	73	150	150
10/24/2019	18	77	150	150
10/24/2019	19	75	150	150
10/24/2019	20	73	150	150
10/24/2019	21	69	150	150
10/24/2019	22	64	138	138
10/24/2019	23	59	144	144
10/24/2019	24	56	138	138
10/25/2019	1	52	126	126
10/25/2019	2	50	125	125
10/25/2019	3	49	123	123
10/25/2019	4	48	123	123
10/25/2019	5	50	125	125
10/25/2019	6	51	129	129
10/25/2019	7	49	126	126
10/25/2019	8	58	150	150
10/25/2019	9	68	150	150
10/25/2019	10	74	150	150
10/25/2019	11	77	150	150
10/25/2019	12	75	150	150
10/25/2019	13	76	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/25/2019	14	78	150	150
10/25/2019	15	76	150	150
10/25/2019	16	75	150	150
10/25/2019	17	72	150	150
10/25/2019	18	76	150	150
10/25/2019	19	74	150	150
10/25/2019	20	72	150	150
10/25/2019	21	68	150	150
10/25/2019	22	63	150	150
10/25/2019	23	59	147	137
10/25/2019	24	55	132	132
10/26/2019	1	51	131	131
10/26/2019	2	49	129	129
10/26/2019	3	48	127	127
10/26/2019	4	47	126	126
10/26/2019	5	48	127	127
10/26/2019	6	48	128	128
10/26/2019	7	48	124	124
10/26/2019	8	53	129	129
10/26/2019	9	61	141	134
10/26/2019	10	65	142	138
10/26/2019	11	69	150	143
10/26/2019	12	68	150	143
10/26/2019	13	70	150	143
10/26/2019	14	71	150	149
10/26/2019	15	71	150	150
10/26/2019	16	68	150	145
10/26/2019	17	66	150	150
10/26/2019	18	72	150	150
10/26/2019	19	70	150	150
10/26/2019	20	68	150	150
10/26/2019	21	66	146	146
10/26/2019	22	63	140	140
10/26/2019	23	58	141	
10/26/2019	24	54	132	132
10/27/2019	1	50	127	127
10/27/2019	2	48	125	125
10/27/2019	3	47	123	123
10/27/2019	4	46	121	121
10/27/2019	5	47	121	121
10/27/2019	6	47	121	121
10/27/2019	7	46	121	121
10/27/2019	8	48	123	123
10/27/2019	9	53	132	127
10/27/2019	10	58	135	135
10/27/2019	11	60	138	138
10/27/2019	12	60	139	139
10/27/2019	13	61	140	140
10/27/2019	14	63	140	140
10/27/2019	15	62	140	140
10/27/2019	16	59	139	139
10/27/2019	17	58	138	138
10/27/2019	18	65	150	150
10/27/2019	19	64	150	150
10/27/2019	20	63	150	150
10/27/2019	21	61	142	142
10/27/2019	22	58	138	138
10/27/2019	23	53	135	135
10/27/2019	24	50	127	127
10/28/2019	1	47	127	127
10/28/2019	2	45	125	125
10/28/2019	3	43	123	123
10/28/2019	4	43	121	121
10/28/2019	5	45	121	121
10/28/2019	6	48	121	121

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/28/2019	7	47	121	121
10/28/2019	8	57	149	149
10/28/2019	9	67	150	148
10/28/2019	10	72	150	150
10/28/2019	11	75	150	150
10/28/2019	12	75	150	150
10/28/2019	13	75	150	150
10/28/2019	14	76	150	150
10/28/2019	15	74	150	150
10/28/2019	16	73	150	150
10/28/2019	17	72	150	150
10/28/2019	18	75	150	150
10/28/2019	19	73	150	150
10/28/2019	20	71	150	150
10/28/2019	21	68	150	150
10/28/2019	22	63	150	150
10/28/2019	23	59	135	135
10/28/2019	24	55	127	127
10/29/2019	1	50	131	131
10/29/2019	2	49	124	124
10/29/2019	3	47	121	124
10/29/2019	4	47	122	122
10/29/2019	5	49	121	121
10/29/2019	6	51	127	127
10/29/2019	7	49	122	122
10/29/2019	8	56	139	138
10/29/2019	9	67	150	150
10/29/2019	10	72	150	150
10/29/2019	11	75	150	150
10/29/2019	12	74	150	150
10/29/2019	13	75	150	150
10/29/2019	14	77	150	150
10/29/2019	15	76	150	150
10/29/2019	16	75	150	150
10/29/2019	17	71	150	150
10/29/2019	18	75	150	150
10/29/2019	19	72	150	150
10/29/2019	20	70	150	150
10/29/2019	21	67	150	150
10/29/2019	22	62	150	150
10/29/2019	23	58	147	147
10/29/2019	24	54	142	142
10/30/2019	1	49	128	128
10/30/2019	2	48	127	127
10/30/2019	3	48	125	125
10/30/2019	4	48	125	125
10/30/2019	5	48	126	126
10/30/2019	6	49	129	129
10/30/2019	7	48	127	127
10/30/2019	8	56	132	132
10/30/2019	9	65	150	150
10/30/2019	10	70	150	150
10/30/2019	11	73	150	150
10/30/2019	12	72	150	150
10/30/2019	13	72	150	150
10/30/2019	14	75	150	150
10/30/2019	15	74	150	150
10/30/2019	16	73	150	150
10/30/2019	17	71	150	150
10/30/2019	18	74	150	150
10/30/2019	19	72	150	150
10/30/2019	20	69	150	150
10/30/2019	21	66	150	150
10/30/2019	22	60	150	150
10/30/2019	23	56	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/30/2019	24	53	132	132
10/31/2019	1	48	128	128
10/31/2019	2	46	126	126
10/31/2019	3	45	125	125
10/31/2019	4	45	124	124
10/31/2019	5	47	125	125
10/31/2019	6	49	128	128
10/31/2019	7	47	126	126
10/31/2019	8	53	131	131
10/31/2019	9	66	150	150
10/31/2019	10	69	150	150
10/31/2019	11	72	150	150
10/31/2019	12	69	150	150
10/31/2019	13	70	150	150
10/31/2019	14	73	150	150
10/31/2019	15	73	150	150
10/31/2019	16	70	150	150
10/31/2019	17	68	150	150
10/31/2019	18	71	150	150
10/31/2019	19	68	150	150
10/31/2019	20	66	150	150
10/31/2019	21	63	150	150
10/31/2019	22	60	150	150
10/31/2019	23	55	142	138
10/31/2019	24	52	132	132
11/1/2019	1	47	129	129
11/1/2019	2	46	127	127
11/1/2019	3	45	122	122
11/1/2019	4	44	122	122
11/1/2019	5	45	126	126
11/1/2019	6	45	130	130
11/1/2019	7	45	126	126
11/1/2019	8	48	134	134
11/1/2019	9	53	136	136
11/1/2019	10	55	140	140
11/1/2019	11	57	145	145
11/1/2019	12	58	144	140
11/1/2019	13	57	144	140
11/1/2019	14	59	144	135
11/1/2019	15	57	144	135
11/1/2019	16	55	144	143
11/1/2019	17	56	147	147
11/1/2019	18	64	150	150
11/1/2019	19	62	150	150
11/1/2019	20	60	150	150
11/1/2019	21	57	145	145
11/1/2019	22	54	145	145
11/1/2019	23	51	144	142
11/1/2019	24	50	136	136
11/2/2019	1	44	129	129
11/2/2019	2	44	127	127
11/2/2019	3	42	122	122
11/2/2019	4	42	122	122
11/2/2019	5	43	126	126
11/2/2019	6	44	130	130
11/2/2019	7	44	126	126
11/2/2019	8	46	134	134
11/2/2019	9	51	141	136
11/2/2019	10	56	150	150
11/2/2019	11	58	150	150
11/2/2019	12	57	150	149
11/2/2019	13	59	146	145
11/2/2019	14	60	150	150
11/2/2019	15	59	150	150
11/2/2019	16	58	150	150

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/2/2019	17	58	150	150
11/2/2019	18	67	150	150
11/2/2019	19	65	150	150
11/2/2019	20	62	150	150
11/2/2019	21	59	150	150
11/2/2019	22	56	150	150
11/2/2019	23	52	150	
11/2/2019	24	50	150	150
11/3/2019	1	46	129	129
11/3/2019	2	45	127	127
11/3/2019	3	44	122	122
11/3/2019	4	44	122	122
11/3/2019	5	45	126	126
11/3/2019	6	45	130	130
11/3/2019	7	45	126	126
11/3/2019	8	48	134	134
11/3/2019	9	51	141	136
11/3/2019	10	56	142	140
11/3/2019	11	59	145	145
11/3/2019	12	58	142	140
11/3/2019	13	59	142	140
11/3/2019	14	60	150	150
11/3/2019	15	58	150	150
11/3/2019	16	57	150	150
11/3/2019	17	59	150	150
11/3/2019	18	67	150	150
11/3/2019	19	65	150	150
11/3/2019	20	62	150	150
11/3/2019	21	58	150	150
11/3/2019	22	55	150	150
11/3/2019	23	51	145	142
11/3/2019	24	49	141	141
11/4/2019	1	46	129	129
11/4/2019	2	45	127	127
11/4/2019	3	45	122	122
11/4/2019	4	44	122	122
11/4/2019	5	45	126	126
11/4/2019	6	47	130	130
11/4/2019	7	46	126	126
11/4/2019	8	54	134	134
11/4/2019	9	63	150	150
11/4/2019	10	69	150	150
11/4/2019	11	73	150	150
11/4/2019	12	71	150	150
11/4/2019	13	72	150	150
11/4/2019	14	74	150	150
11/4/2019	15	73	150	150
11/4/2019	16	73	150	150
11/4/2019	17	70	150	150
11/4/2019	18	74	150	150
11/4/2019	19	71	150	150
11/4/2019	20	69	150	150
11/4/2019	21	66	150	150
11/4/2019	22	62	141	135
11/4/2019	23	57	142	142
11/4/2019	24	55	136	136
11/5/2019	1	47	124	124
11/5/2019	2	46	122	122
11/5/2019	3	45	120	120
11/5/2019	4	45	119	119
11/5/2019	5	47	122	122
11/5/2019	6	48	124	124
11/5/2019	7	48	121	121
11/5/2019	8	53	131	131
11/5/2019	9	61	146	133

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/5/2019	10	67	150	150
11/5/2019	11	70	150	150
11/5/2019	12	69	150	150
11/5/2019	13	71	150	150
11/5/2019	14	72	150	150
11/5/2019	15	71	150	150
11/5/2019	16	68	150	150
11/5/2019	17	67	150	150
11/5/2019	18	73	150	150
11/5/2019	19	70	150	150
11/5/2019	20	66	150	150
11/5/2019	21	63	146	144
11/5/2019	22	58	146	132
11/5/2019	23	55	146	137
11/5/2019	24	51	133	133
11/6/2019	1	47	124	124
11/6/2019	2	46	122	122
11/6/2019	3	45	121	121
11/6/2019	4	45	121	121
11/6/2019	5	47	123	123
11/6/2019	6	50	126	126
11/6/2019	7	48	124	124
11/6/2019	8	54	130	130
11/6/2019	9	63	148	132
11/6/2019	10	69	148	143
11/6/2019	11	72	150	150
11/6/2019	12	71	148	139
11/6/2019	13	72	150	150
11/6/2019	14	74	150	150
11/6/2019	15	72	150	150
11/6/2019	16	71	150	150
11/6/2019	17	70	150	150
11/6/2019	18	75	150	150
11/6/2019	19	72	150	150
11/6/2019	20	70	150	150
11/6/2019	21	67	150	150
11/6/2019	22	62	147	141
11/6/2019	23	57	147	
11/6/2019	24	54	131	131
11/7/2019	1	48	121	121
11/7/2019	2	47	119	119
11/7/2019	3	46	118	118
11/7/2019	4	46	117	117
11/7/2019	5	49	119	119
11/7/2019	6	51	123	123
11/7/2019	7	48	121	121
11/7/2019	8	55	126	126
11/7/2019	9	64	150	150
11/7/2019	10	69	150	150
11/7/2019	11	72	150	150
11/7/2019	12	71	150	150
11/7/2019	13	72	150	150
11/7/2019	14	74	150	150
11/7/2019	15	72	150	150
11/7/2019	16	70	150	150
11/7/2019	17	69	150	150
11/7/2019	18	74	150	150
11/7/2019	19	71	150	150
11/7/2019	20	68	150	150
11/7/2019	21	64	147	143
11/7/2019	22	58	147	136
11/7/2019	23	54	147	139
11/7/2019	24	51	138	138
11/8/2019	1	50	147	
11/8/2019	2	48	129	

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/8/2019	3	47	124	
11/8/2019	4	46	122	
11/8/2019	5	49	131	
11/8/2019	6	51	146	
11/8/2019	7	48	136	
11/8/2019	8	56	148	
11/8/2019	9	65	150	
11/8/2019	10	69	150	
11/8/2019	11	72	150	
11/8/2019	12	71	150	
11/8/2019	13	72	150	
11/8/2019	14	74	150	
11/8/2019	15	72	150	
11/8/2019	16	71	150	
11/8/2019	17	69	150	
11/8/2019	18	75	150	
11/8/2019	19	70	150	
11/8/2019	20	68	150	
11/8/2019	21	64	150	
11/8/2019	22	61	150	
11/8/2019	23	56	150	
11/8/2019	24	51	147	
11/9/2019	1	50	119	119
11/9/2019	2	48	118	118
11/9/2019	3	47	116	116
11/9/2019	4	47	115	115
11/9/2019	5	47	115	115
11/9/2019	6	48	117	117
11/9/2019	7	47	118	118
11/9/2019	8	53	121	121
11/9/2019	9	60	148	146
11/9/2019	10	65	150	150
11/9/2019	11	68	150	150
11/9/2019	12	68	150	150
11/9/2019	13	69	150	150
11/9/2019	14	70	150	150
11/9/2019	15	69	150	150
11/9/2019	16	66	150	150
11/9/2019	17	65	150	150
11/9/2019	18	71	150	150
11/9/2019	19	68	150	150
11/9/2019	20	66	150	150
11/9/2019	21	63	150	150
11/9/2019	22	57	147	125
11/9/2019	23	55	147	124
11/9/2019	24	49	118	118
11/10/2019	1	49	125	125
11/10/2019	2	47	124	124
11/10/2019	3	45	122	122
11/10/2019	4	45	121	121
11/10/2019	5	46	121	121
11/10/2019	6	47	122	122
11/10/2019	7	46	122	122
11/10/2019	8	48	123	123
11/10/2019	9	53	148	128
11/10/2019	10	57	148	123
11/10/2019	11	60	148	126
11/10/2019	12	60	148	129
11/10/2019	13	60	148	129
11/10/2019	14	61	148	132
11/10/2019	15	60	148	131
11/10/2019	16	58	148	131
11/10/2019	17	58	148	130
11/10/2019	18	66	148	133
11/10/2019	19	65	148	130

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/10/2019	20	63	148	124
11/10/2019	21	60	148	132
11/10/2019	22	56	147	133
11/10/2019	23	53	147	
11/10/2019	24	49	126	126
11/11/2019	1	46	122	122
11/11/2019	2	44	120	120
11/11/2019	3	42	119	119
11/11/2019	4	42	118	118
11/11/2019	5	46	120	120
11/11/2019	6	48	122	122
11/11/2019	7	45	121	121
11/11/2019	8	53	128	128
11/11/2019	9	63	150	150
11/11/2019	10	70	150	150
11/11/2019	11	72	150	150
11/11/2019	12	71	150	150
11/11/2019	13	72	150	150
11/11/2019	14	74	150	150
11/11/2019	15	73	150	150
11/11/2019	16	72	150	150
11/11/2019	17	70	150	150
11/11/2019	18	74	150	150
11/11/2019	19	71	150	150
11/11/2019	20	68	150	150
11/11/2019	21	65	150	150
11/11/2019	22	60	150	150
11/11/2019	23	56	150	150
11/11/2019	24	51	126	126
11/12/2019	1	50	123	123
11/12/2019	2	48	121	121
11/12/2019	3	46	118	118
11/12/2019	4	47	117	117
11/12/2019	5	49	121	121
11/12/2019	6	51	128	128
11/12/2019	7	48	123	123
11/12/2019	8	56	150	150
11/12/2019	9	65	150	150
11/12/2019	10	71	150	150
11/12/2019	11	74	150	150
11/12/2019	12	73	150	150
11/12/2019	13	74	150	150
11/12/2019	14	75	150	150
11/12/2019	15	73	150	150
11/12/2019	16	71	150	150
11/12/2019	17	70	150	150
11/12/2019	18	76	150	150
11/12/2019	19	72	150	150
11/12/2019	20	68	150	150
11/12/2019	21	64	150	150
11/12/2019	22	60	150	150
11/12/2019	23	56	150	150
11/12/2019	24	52	150	150
11/13/2019	1	49	126	126
11/13/2019	2	48	124	124
11/13/2019	3	47	122	122
11/13/2019	4	46	120	120
11/13/2019	5	49	124	124
11/13/2019	6	51	128	128
11/13/2019	7	48	124	124
11/13/2019	8	56	134	134
11/13/2019	9	66	150	150
11/13/2019	10	71	150	150
11/13/2019	11	74	150	150
11/13/2019	12	73	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/13/2019	13	74	150	150
11/13/2019	14	76	150	150
11/13/2019	15	74	150	150
11/13/2019	16	72	150	150
11/13/2019	17	71	150	150
11/13/2019	18	76	150	150
11/13/2019	19	72	150	150
11/13/2019	20	69	150	150
11/13/2019	21	65	150	150
11/13/2019	22	60	150	150
11/13/2019	23	56	144	142
11/13/2019	24	53	136	136
11/14/2019	1	50	128	128
11/14/2019	2	48	127	127
11/14/2019	3	47	126	126
11/14/2019	4	47	125	125
11/14/2019	5	50	128	128
11/14/2019	6	52	130	130
11/14/2019	7	49	127	127
11/14/2019	8	56	150	144
11/14/2019	9	65	150	150
11/14/2019	10	72	150	150
11/14/2019	11	75	150	150
11/14/2019	12	74	150	150
11/14/2019	13	73	150	150
11/14/2019	14	76	150	150
11/14/2019	15	74	150	150
11/14/2019	16	72	150	150
11/14/2019	17	71	150	150
11/14/2019	18	77	150	150
11/14/2019	19	73	150	150
11/14/2019	20	71	150	150
11/14/2019	21	67	150	150
11/14/2019	22	62	150	150
11/14/2019	23	56	150	
11/14/2019	24	53	133	133
11/15/2019	1	50	123	123
11/15/2019	2	48	121	121
11/15/2019	3	47	120	120
11/15/2019	4	47	120	120
11/15/2019	5	50	122	122
11/15/2019	6	52	125	125
11/15/2019	7	48	121	121
11/15/2019	8	56	129	129
11/15/2019	9	65	150	150
11/15/2019	10	71	150	150
11/15/2019	11	74	150	150
11/15/2019	12	72	150	150
11/15/2019	13	73	150	150
11/15/2019	14	75	150	150
11/15/2019	15	73	150	150
11/15/2019	16	72	150	150
11/15/2019	17	70	150	150
11/15/2019	18	76	150	150
11/15/2019	19	72	150	150
11/15/2019	20	70	150	150
11/15/2019	21	66	150	150
11/15/2019	22	61	150	147
11/15/2019	23	56	146	136
11/15/2019	24	53	130	130
11/16/2019	1	51	135	129
11/16/2019	2	50	135	125
11/16/2019	3	48	135	124
11/16/2019	4	48	135	123
11/16/2019	5	49	130	126

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/16/2019	6	49	130	130
11/16/2019	7	49	125	125
11/16/2019	8	55	150	150
11/16/2019	9	61	150	150
11/16/2019	10	65	150	150
11/16/2019	11	69	150	150
11/16/2019	12	68	150	150
11/16/2019	13	70	150	150
11/16/2019	14	71	150	150
11/16/2019	15	70	150	150
11/16/2019	16	67	150	150
11/16/2019	17	65	150	150
11/16/2019	18	72	150	150
11/16/2019	19	69	150	150
11/16/2019	20	68	150	150
11/16/2019	21	66	150	150
11/16/2019	22	62	150	150
11/16/2019	23	58	150	150
11/16/2019	24	54	136	136
11/17/2019	1	50	129	129
11/17/2019	2	48	125	125
11/17/2019	3	46	124	124
11/17/2019	4	46	123	123
11/17/2019	5	46	126	126
11/17/2019	6	47	130	130
11/17/2019	7	46	125	125
11/17/2019	8	49	134	134
11/17/2019	9	52	135	135
11/17/2019	10	57	141	141
11/17/2019	11	60	144	144
11/17/2019	12	60	139	139
11/17/2019	13	61	138	138
11/17/2019	14	62	142	142
11/17/2019	15	60	141	141
11/17/2019	16	59	141	141
11/17/2019	17	60	143	143
11/17/2019	18	65	142	142
11/17/2019	19	64	150	146
11/17/2019	20	63	144	144
11/17/2019	21	61	143	143
11/17/2019	22	57	142	142
11/17/2019	23	53	142	
11/17/2019	24	50	141	141
11/18/2019	1	48	129	129
11/18/2019	2	46	125	125
11/18/2019	3	45	124	124
11/18/2019	4	44	123	123
11/18/2019	5	46	126	126
11/18/2019	6	48	130	130
11/18/2019	7	48	125	125
11/18/2019	8	56	134	134
11/18/2019	9	67	144	135
11/18/2019	10	72	144	135
11/18/2019	11	75	150	150
11/18/2019	12	74	141	141
11/18/2019	13	74	149	149
11/18/2019	14	76	150	150
11/18/2019	15	74	150	150
11/18/2019	16	73	142	142
11/18/2019	17	71	144	135
11/18/2019	18	74	150	150
11/18/2019	19	71	148	148
11/18/2019	20	69	144	144
11/18/2019	21	66	143	143
11/18/2019	22	62	136	136

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/18/2019	23	56	142	142
11/18/2019	24	54	136	136
11/19/2019	1	51	138	138
11/19/2019	2	50	134	134
11/19/2019	3	48	126	123
11/19/2019	4	47	121	121
11/19/2019	5	49	139	134
11/19/2019	6	52	141	140
11/19/2019	7	49	125	125
11/19/2019	8	55	150	150
11/19/2019	9	65	150	150
11/19/2019	10	71	150	150
11/19/2019	11	73	150	150
11/19/2019	12	73	150	150
11/19/2019	13	73	150	150
11/19/2019	14	75	150	150
11/19/2019	15	74	150	150
11/19/2019	16	73	150	150
11/19/2019	17	72	150	150
11/19/2019	18	76	150	150
11/19/2019	19	73	150	150
11/19/2019	20	70	150	150
11/19/2019	21	67	150	150
11/19/2019	22	62	149	141
11/19/2019	23	56	148	141
11/19/2019	24	53	138	138
11/20/2019	1	52	131	131
11/20/2019	2	50	128	128
11/20/2019	3	49	127	127
11/20/2019	4	49	126	126
11/20/2019	5	51	129	129
11/20/2019	6	52	133	133
11/20/2019	7	49	130	130
11/20/2019	8	56	144	144
11/20/2019	9	65	150	150
11/20/2019	10	71	150	150
11/20/2019	11	75	150	150
11/20/2019	12	74	150	150
11/20/2019	13	75	150	150
11/20/2019	14	77	150	150
11/20/2019	15	76	150	150
11/20/2019	16	74	150	150
11/20/2019	17	71	150	150
11/20/2019	18	78	150	150
11/20/2019	19	74	150	150
11/20/2019	20	71	150	150
11/20/2019	21	68	150	150
11/20/2019	22	62	150	150
11/20/2019	23	59	150	
11/20/2019	24	55	150	150
11/21/2019	1	53	125	125
11/21/2019	2	51	123	123
11/21/2019	3	50	122	122
11/21/2019	4	50	122	122
11/21/2019	5	52	124	124
11/21/2019	6	55	127	127
11/21/2019	7	50	126	126
11/21/2019	8	57	132	132
11/21/2019	9	67	150	150
11/21/2019	10	71	150	150
11/21/2019	11	76	150	150
11/21/2019	12	75	150	150
11/21/2019	13	74	150	150
11/21/2019	14	77	150	150
11/21/2019	15	74	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/21/2019	16	74	150	150
11/21/2019	17	72	150	150
11/21/2019	18	76	150	150
11/21/2019	19	73	150	150
11/21/2019	20	70	150	150
11/21/2019	21	68	150	150
11/21/2019	22	63	145	145
11/21/2019	23	58	142	136
11/21/2019	24	54	129	129
11/22/2019	1	51	122	122
11/22/2019	2	50	119	119
11/22/2019	3	49	118	118
11/22/2019	4	48	118	118
11/22/2019	5	49	121	121
11/22/2019	6	51	123	123
11/22/2019	7	49	120	120
11/22/2019	8	56	134	134
11/22/2019	9	66	150	150
11/22/2019	10	71	150	150
11/22/2019	11	75	150	150
11/22/2019	12	74	150	150
11/22/2019	13	75	150	150
11/22/2019	14	76	150	150
11/22/2019	15	75	150	150
11/22/2019	16	73	150	150
11/22/2019	17	71	150	150
11/22/2019	18	77	150	150
11/22/2019	19	73	150	150
11/22/2019	20	71	150	150
11/22/2019	21	69	150	150
11/22/2019	22	63	150	150
11/22/2019	23	57	150	137
11/22/2019	24	55	150	150
11/23/2019	1	51	128	128
11/23/2019	2	49	126	126
11/23/2019	3	48	125	125
11/23/2019	4	47	124	124
11/23/2019	5	48	125	125
11/23/2019	6	49	127	127
11/23/2019	7	48	127	127
11/23/2019	8	54	131	131
11/23/2019	9	61	144	135
11/23/2019	10	66	144	138
11/23/2019	11	69	144	131
11/23/2019	12	68	144	131
11/23/2019	13	69	144	134
11/23/2019	14	71	144	144
11/23/2019	15	70	144	135
11/23/2019	16	68	144	134
11/23/2019	17	65	144	132
11/23/2019	18	72	145	131
11/23/2019	19	70	145	134
11/23/2019	20	68	145	132
11/23/2019	21	66	145	129
11/23/2019	22	61	145	126
11/23/2019	23	57	144	138
11/23/2019	24	53	132	132
11/24/2019	1	50	131	131
11/24/2019	2	49	129	129
11/24/2019	3	47	127	127
11/24/2019	4	47	127	127
11/24/2019	5	48	127	127
11/24/2019	6	48	128	128
11/24/2019	7	48	128	128
11/24/2019	8	47	130	130

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/24/2019	9	53	134	134
11/24/2019	10	58	139	134
11/24/2019	11	60	139	137
11/24/2019	12	60	139	138
11/24/2019	13	63	139	138
11/24/2019	14	64	142	142
11/24/2019	15	63	142	142
11/24/2019	16	61	141	140
11/24/2019	17	61	150	150
11/24/2019	18	69	150	150
11/24/2019	19	68	150	150
11/24/2019	20	67	150	150
11/24/2019	21	63	150	150
11/24/2019	22	60	138	138
11/24/2019	23	55	141	136
11/24/2019	24	51	130	130
11/25/2019	1	49	131	131
11/25/2019	2	47	129	129
11/25/2019	3	46	127	129
11/25/2019	4	46	127	127
11/25/2019	5	49	127	127
11/25/2019	6	51	128	128
11/25/2019	7	48	128	128
11/25/2019	8	55	130	130
11/25/2019	9	66	150	150
11/25/2019	10	72	150	150
11/25/2019	11	75	150	150
11/25/2019	12	74	150	150
11/25/2019	13	75	150	150
11/25/2019	14	78	150	150
11/25/2019	15	77	150	150
11/25/2019	16	75	150	150
11/25/2019	17	72	150	150
11/25/2019	18	78	150	150
11/25/2019	19	73	150	150
11/25/2019	20	70	150	150
11/25/2019	21	67	146	146
11/25/2019	22	62	145	138
11/25/2019	23	57	145	136
11/25/2019	24	54	130	130
11/26/2019	1	51	131	115
11/26/2019	2	50	137	105
11/26/2019	3	48	132	105
11/26/2019	4	48	150	96
11/26/2019	5	50	150	96
11/26/2019	6	52	150	97
11/26/2019	7	49	150	101
11/26/2019	8	56	150	101
11/26/2019	9	66	150	149
11/26/2019	10	71	150	149
11/26/2019	11	75	150	150
11/26/2019	12	73	150	150
11/26/2019	13	74	150	150
11/26/2019	14	76	150	150
11/26/2019	15	75	150	150
11/26/2019	16	73	150	150
11/26/2019	17	71	150	150
11/26/2019	18	77	150	150
11/26/2019	19	72	150	150
11/26/2019	20	69	150	149
11/26/2019	21	66	150	149
11/26/2019	22	60	150	149
11/26/2019	23	57	150	149
11/26/2019	24	53	150	121
11/27/2019	1	51	128	128

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/27/2019	2	49	126	126
11/27/2019	3	48	124	124
11/27/2019	4	48	123	123
11/27/2019	5	50	126	126
11/27/2019	6	53	128	128
11/27/2019	7	48	124	124
11/27/2019	8	56	131	131
11/27/2019	9	65	147	133
11/27/2019	10	71	150	150
11/27/2019	11	75	150	150
11/27/2019	12	73	150	150
11/27/2019	13	74	150	150
11/27/2019	14	76	150	150
11/27/2019	15	75	150	150
11/27/2019	16	72	150	150
11/27/2019	17	70	150	150
11/27/2019	18	77	150	150
11/27/2019	19	73	150	150
11/27/2019	20	71	150	150
11/27/2019	21	67	147	142
11/27/2019	22	61	146	135
11/27/2019	23	56	146	137
11/27/2019	24	53	130	130
11/28/2019	1	50	129	129
11/28/2019	2	49	125	125
11/28/2019	3	47	124	124
11/28/2019	4	47	124	124
11/28/2019	5	49	128	128
11/28/2019	6	52	129	129
11/28/2019	7	49	127	127
11/28/2019	8	57	133	133
11/28/2019	9	66	144	141
11/28/2019	10	72	150	150
11/28/2019	11	76	150	150
11/28/2019	12	74	150	150
11/28/2019	13	75	150	150
11/28/2019	14	77	150	150
11/28/2019	15	76	150	150
11/28/2019	16	74	150	150
11/28/2019	17	72	150	150
11/28/2019	18	77	150	150
11/28/2019	19	74	150	150
11/28/2019	20	70	150	150
11/28/2019	21	67	146	140
11/28/2019	22	61	145	137
11/28/2019	23	57	145	137
11/28/2019	24	53	130	130
11/29/2019	1	49	127	127
11/29/2019	2	48	124	124
11/29/2019	3	47	122	122
11/29/2019	4	47	122	122
11/29/2019	5	49	125	125
11/29/2019	6	52	128	128
11/29/2019	7	49	125	125
11/29/2019	8	56	132	132
11/29/2019	9	66	147	134
11/29/2019	10	72	150	150
11/29/2019	11	75	150	150
11/29/2019	12	73	150	150
11/29/2019	13	74	150	150
11/29/2019	14	76	150	150
11/29/2019	15	75	150	150
11/29/2019	16	74	150	150
11/29/2019	17	71	150	150
11/29/2019	18	76	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/29/2019	19	72	150	150
11/29/2019	20	70	150	150
11/29/2019	21	66	147	146
11/29/2019	22	60	146	135
11/29/2019	23	56	146	148
11/29/2019	24	53	131	131
11/30/2019	1	52	123	108
11/30/2019	2	49	106	106
11/30/2019	3	48	105	105
11/30/2019	4	47	113	95
11/30/2019	5	48	145	93
11/30/2019	6	49	150	95
11/30/2019	7	47	150	98
11/30/2019	8	52	150	110
11/30/2019	9	59	150	130
11/30/2019	10	64	150	150
11/30/2019	11	67	150	150
11/30/2019	12	67	150	150
11/30/2019	13	68	150	150
11/30/2019	14	70	150	150
11/30/2019	15	69	150	150
11/30/2019	16	67	150	150
11/30/2019	17	64	150	150
11/30/2019	18	70	150	150
11/30/2019	19	69	150	150
11/30/2019	20	68	150	150
11/30/2019	21	67	150	150
11/30/2019	22	61	150	147
11/30/2019	23	56	150	147
11/30/2019	24	53	150	114
12/1/2019	1	50	150	98
12/1/2019	2	48	150	99
12/1/2019	3	48	150	99
12/1/2019	4	47	150	98
12/1/2019	5	48	150	97
12/1/2019	6	48	150	99
12/1/2019	7	48	150	100
12/1/2019	8	49	150	100
12/1/2019	9	54	150	108
12/1/2019	10	57	150	133
12/1/2019	11	59	150	133
12/1/2019	12	61	150	133
12/1/2019	13	62	150	133
12/1/2019	14	64	150	143
12/1/2019	15	62	150	133
12/1/2019	16	60	150	133
12/1/2019	17	61	150	133
12/1/2019	18	68	150	144
12/1/2019	19	67	150	144
12/1/2019	20	65	150	133
12/1/2019	21	62	150	131
12/1/2019	22	58	150	130
12/1/2019	23	53	150	130
12/1/2019	24	50	150	96
12/2/2019	1	49	150	98
12/2/2019	2	46	150	98
12/2/2019	3	46	150	150
12/2/2019	4	45	150	97
12/2/2019	5	48	150	104
12/2/2019	6	50	150	113
12/2/2019	7	48	150	102
12/2/2019	8	55	150	117
12/2/2019	9	66	150	150
12/2/2019	10	72	150	150
12/2/2019	11	75	150	150

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/2/2019	12	74	150	150
12/2/2019	13	74	150	150
12/2/2019	14	76	150	150
12/2/2019	15	74	150	150
12/2/2019	16	74	150	150
12/2/2019	17	71	150	150
12/2/2019	18	77	150	150
12/2/2019	19	74	150	150
12/2/2019	20	71	150	150
12/2/2019	21	68	150	150
12/2/2019	22	61	150	150
12/2/2019	23	57	150	138
12/2/2019	24	54	150	131
12/3/2019	1	50	150	97
12/3/2019	2	49	150	97
12/3/2019	3	47	150	97
12/3/2019	4	47	150	97
12/3/2019	5	49	150	97
12/3/2019	6	52	150	97
12/3/2019	7	49	150	100
12/3/2019	8	56	150	115
12/3/2019	9	66	150	150
12/3/2019	10	72	150	150
12/3/2019	11	75	150	150
12/3/2019	12	73	150	150
12/3/2019	13	74	150	150
12/3/2019	14	76	150	150
12/3/2019	15	75	150	150
12/3/2019	16	72	150	150
12/3/2019	17	71	150	150
12/3/2019	18	77	150	150
12/3/2019	19	72	150	150
12/3/2019	20	69	150	150
12/3/2019	21	66	150	150
12/3/2019	22	60	150	149
12/3/2019	23	55	150	149
12/3/2019	24	52	150	129
12/4/2019	1	49	150	95
12/4/2019	2	48	150	95
12/4/2019	3	46	150	93
12/4/2019	4	45	150	92
12/4/2019	5	48	150	95
12/4/2019	6	51	150	95
12/4/2019	7	48	150	98
12/4/2019	8	56	150	114
12/4/2019	9	65	150	150
12/4/2019	10	70	150	150
12/4/2019	11	74	150	150
12/4/2019	12	72	150	150
12/4/2019	13	73	150	150
12/4/2019	14	74	150	150
12/4/2019	15	73	150	150
12/4/2019	16	72	150	150
12/4/2019	17	70	150	150
12/4/2019	18	75	150	150
12/4/2019	19	70	150	150
12/4/2019	20	68	150	150
12/4/2019	21	63	150	150
12/4/2019	22	59	150	148
12/4/2019	23	55	150	148
12/4/2019	24	51	150	114
12/5/2019	1	50	150	114
12/5/2019	2	49	150	114
12/5/2019	3	47	150	114
12/5/2019	4	47	150	108

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/5/2019	5	49	150	114
12/5/2019	6	53	150	114
12/5/2019	7	51	150	114
12/5/2019	8	57	150	129
12/5/2019	9	66	150	150
12/5/2019	10	72	150	150
12/5/2019	11	75	150	150
12/5/2019	12	74	150	150
12/5/2019	13	74	150	150
12/5/2019	14	77	150	150
12/5/2019	15	76	150	150
12/5/2019	16	74	150	150
12/5/2019	17	71	150	150
12/5/2019	18	78	150	150
12/5/2019	19	73	150	150
12/5/2019	20	70	150	150
12/5/2019	21	67	150	150
12/5/2019	22	62	150	150
12/5/2019	23	56	150	147
12/5/2019	24	52	150	114
12/6/2019	1	52	150	114
12/6/2019	2	51	150	114
12/6/2019	3	49	150	114
12/6/2019	4	49	150	114
12/6/2019	5	51	150	114
12/6/2019	6	52	150	114
12/6/2019	7	51	150	114
12/6/2019	8	57	150	150
12/6/2019	9	66	150	150
12/6/2019	10	71	150	150
12/6/2019	11	75	150	150
12/6/2019	12	74	150	150
12/6/2019	13	76	150	150
12/6/2019	14	78	150	150
12/6/2019	15	77	150	150
12/6/2019	16	75	150	150
12/6/2019	17	72	150	150
12/6/2019	18	78	150	150
12/6/2019	19	74	150	150
12/6/2019	20	72	150	150
12/6/2019	21	68	150	150
12/6/2019	22	63	150	150
12/6/2019	23	58	150	150
12/6/2019	24	54	150	129
12/7/2019	1	53	150	96
12/7/2019	2	51	150	91
12/7/2019	3	50	150	91
12/7/2019	4	48	150	91
12/7/2019	5	49	150	91
12/7/2019	6	50	150	91
12/7/2019	7	50	150	94
12/7/2019	8	54	150	99
12/7/2019	9	61	150	150
12/7/2019	10	67	150	150
12/7/2019	11	69	150	150
12/7/2019	12	69	150	150
12/7/2019	13	70	150	150
12/7/2019	14	72	150	150
12/7/2019	15	71	150	150
12/7/2019	16	68	150	150
12/7/2019	17	66	150	150
12/7/2019	18	72	150	150
12/7/2019	19	70	150	150
12/7/2019	20	69	150	150
12/7/2019	21	67	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/7/2019	22	62	150	145
12/7/2019	23	58	150	
12/7/2019	24	54	150	95
12/8/2019	1	51	150	114
12/8/2019	2	49	150	114
12/8/2019	3	48	150	95
12/8/2019	4	47	150	95
12/8/2019	5	48	150	95
12/8/2019	6	49	150	104
12/8/2019	7	49	150	103
12/8/2019	8	49	150	100
12/8/2019	9	54	150	130
12/8/2019	10	58	150	132
12/8/2019	11	61	150	132
12/8/2019	12	61	150	132
12/8/2019	13	63	150	132
12/8/2019	14	65	150	135
12/8/2019	15	63	150	135
12/8/2019	16	61	150	132
12/8/2019	17	61	150	132
12/8/2019	18	70	150	150
12/8/2019	19	68	150	150
12/8/2019	20	66	150	150
12/8/2019	21	63	150	150
12/8/2019	22	59	150	149
12/8/2019	23	54	150	128
12/8/2019	24	51	150	114
12/9/2019	1	50	150	94
12/9/2019	2	49	150	94
12/9/2019	3	47	150	94
12/9/2019	4	46	150	94
12/9/2019	5	49	150	94
12/9/2019	6	51	150	94
12/9/2019	7	48	150	97
12/9/2019	8	56	150	102
12/9/2019	9	67	150	143
12/9/2019	10	72	150	148
12/9/2019	11	76	150	148
12/9/2019	12	75	150	148
12/9/2019	13	75	150	148
12/9/2019	14	78	150	150
12/9/2019	15	77	150	150
12/9/2019	16	75	150	148
12/9/2019	17	72	150	148
12/9/2019	18	78	150	150
12/9/2019	19	74	150	148
12/9/2019	20	72	150	148
12/9/2019	21	68	150	133
12/9/2019	22	62	150	131
12/9/2019	23	58	150	131
12/9/2019	24	54	150	98
12/10/2019	1	52	150	150
12/10/2019	2	51	150	150
12/10/2019	3	50	150	150
12/10/2019	4	49	150	140
12/10/2019	5	52	150	150
12/10/2019	6	53	150	150
12/10/2019	7	51	150	116
12/10/2019	8	57	150	150
12/10/2019	9	66	150	150
12/10/2019	10	73	150	150
12/10/2019	11	76	150	150
12/10/2019	12	74	150	150
12/10/2019	13	75	150	150
12/10/2019	14	77	150	150

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/10/2019	15	75	150	150
12/10/2019	16	74	150	150
12/10/2019	17	72	150	150
12/10/2019	18	78	150	150
12/10/2019	19	73	150	150
12/10/2019	20	70	150	150
12/10/2019	21	67	150	150
12/10/2019	22	61	150	150
12/10/2019	23	57	150	150
12/10/2019	24	53	150	150
12/11/2019	1	53	150	91
12/11/2019	2	51	150	91
12/11/2019	3	49	150	91
12/11/2019	4	49	150	91
12/11/2019	5	50	150	91
12/11/2019	6	52	150	92
12/11/2019	7	49	149	95
12/11/2019	8	56	150	100
12/11/2019	9	66	150	140
12/11/2019	10	72	150	142
12/11/2019	11	75	150	150
12/11/2019	12	75	150	150
12/11/2019	13	75	150	150
12/11/2019	14	78	150	150
12/11/2019	15	77	150	150
12/11/2019	16	76	150	150
12/11/2019	17	73	150	149
12/11/2019	18	79	150	149
12/11/2019	19	75	150	149
12/11/2019	20	73	150	149
12/11/2019	21	70	149	140
12/11/2019	22	65	149	139
12/11/2019	23	59	149	
12/11/2019	24	55	149	97
12/12/2019	1	52	150	114
12/12/2019	2	50	150	114
12/12/2019	3	49	150	114
12/12/2019	4	48	150	114
12/12/2019	5	50	150	114
12/12/2019	6	53	150	114
12/12/2019	7	49	150	95
12/12/2019	8	56	150	114
12/12/2019	9	65	150	148
12/12/2019	10	73	150	150
12/12/2019	11	76	150	150
12/12/2019	12	75	150	150
12/12/2019	13	76	150	150
12/12/2019	14	78	150	150
12/12/2019	15	76	150	150
12/12/2019	16	75	150	150
12/12/2019	17	72	150	150
12/12/2019	18	79	150	150
12/12/2019	19	75	150	150
12/12/2019	20	73	150	150
12/12/2019	21	69	150	148
12/12/2019	22	63	150	147
12/12/2019	23	58	150	147
12/12/2019	24	55	150	129
12/13/2019	1	52	150	98
12/13/2019	2	50	150	96
12/13/2019	3	49	150	95
12/13/2019	4	48	150	95
12/13/2019	5	50	150	95
12/13/2019	6	52	150	97
12/13/2019	7	49	150	100

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/13/2019	8	55	150	129
12/13/2019	9	65	150	150
12/13/2019	10	69	150	150
12/13/2019	11	73	150	150
12/13/2019	12	73	150	150
12/13/2019	13	73	150	150
12/13/2019	14	76	150	150
12/13/2019	15	75	150	150
12/13/2019	16	74	150	150
12/13/2019	17	71	150	149
12/13/2019	18	77	150	149
12/13/2019	19	73	150	149
12/13/2019	20	71	150	149
12/13/2019	21	68	150	149
12/13/2019	22	62	150	149
12/13/2019	23	57	150	
12/13/2019	24	54	149	104
12/14/2019	1	51	150	125
12/14/2019	2	49	150	121
12/14/2019	3	47	150	111
12/14/2019	4	47	150	111
12/14/2019	5	48	150	111
12/14/2019	6	48	150	111
12/14/2019	7	47	150	111
12/14/2019	8	51	150	114
12/14/2019	9	58	150	121
12/14/2019	10	63	150	121
12/14/2019	11	67	150	134
12/14/2019	12	66	150	134
12/14/2019	13	67	150	134
12/14/2019	14	70	150	134
12/14/2019	15	67	150	134
12/14/2019	16	66	150	134
12/14/2019	17	65	150	134
12/14/2019	18	71	150	135
12/14/2019	19	70	150	134
12/14/2019	20	68	150	134
12/14/2019	21	66	150	134
12/14/2019	22	62	150	134
12/14/2019	23	57	150	134
12/14/2019	24	53	150	134
12/15/2019	1	51	150	111
12/15/2019	2	48	150	111
12/15/2019	3	47	150	111
12/15/2019	4	46	150	111
12/15/2019	5	47	150	111
12/15/2019	6	48	150	111
12/15/2019	7	48	150	111
12/15/2019	8	50	150	111
12/15/2019	9	53	150	111
12/15/2019	10	56	150	135
12/15/2019	11	59	150	135
12/15/2019	12	60	150	135
12/15/2019	13	61	150	135
12/15/2019	14	62	150	135
12/15/2019	15	61	150	135
12/15/2019	16	59	150	135
12/15/2019	17	60	150	134
12/15/2019	18	68	150	135
12/15/2019	19	67	150	135
12/15/2019	20	65	150	135
12/15/2019	21	63	150	135
12/15/2019	22	58	150	135
12/15/2019	23	54	150	135
12/15/2019	24	50	150	116

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/16/2019	1	47	150	134
12/16/2019	2	46	150	134
12/16/2019	3	45	150	121
12/16/2019	4	44	150	110
12/16/2019	5	47	150	134
12/16/2019	6	49	150	134
12/16/2019	7	46	150	108
12/16/2019	8	53	150	134
12/16/2019	9	64	150	134
12/16/2019	10	69	150	135
12/16/2019	11	72	150	135
12/16/2019	12	72	150	135
12/16/2019	13	72	150	135
12/16/2019	14	76	150	135
12/16/2019	15	75	150	135
12/16/2019	16	73	150	135
12/16/2019	17	71	150	135
12/16/2019	18	76	150	135
12/16/2019	19	74	150	135
12/16/2019	20	72	150	135
12/16/2019	21	68	150	135
12/16/2019	22	63	150	134
12/16/2019	23	57	150	134
12/16/2019	24	53	150	134
12/17/2019	1	49	150	111
12/17/2019	2	48	150	111
12/17/2019	3	48	150	111
12/17/2019	4	47	150	110
12/17/2019	5	49	150	111
12/17/2019	6	51	150	111
12/17/2019	7	48	150	110
12/17/2019	8	55	150	111
12/17/2019	9	64	150	135
12/17/2019	10	69	150	150
12/17/2019	11	72	150	150
12/17/2019	12	71	150	150
12/17/2019	13	72	150	150
12/17/2019	14	74	150	150
12/17/2019	15	72	150	150
12/17/2019	16	71	150	150
12/17/2019	17	70	150	150
12/17/2019	18	75	150	150
12/17/2019	19	72	150	150
12/17/2019	20	68	150	150
12/17/2019	21	64	150	135
12/17/2019	22	59	150	135
12/17/2019	23	55	150	118
12/17/2019	24	51	150	111
12/18/2019	1	45	150	111
12/18/2019	2	43	150	107
12/18/2019	3	42	150	150
12/18/2019	4	42	150	93
12/18/2019	5	42	150	85
12/18/2019	6	46	150	111
12/18/2019	7	48	150	111
12/18/2019	8	52	150	111
12/18/2019	9	60	150	111
12/18/2019	10	65	150	123
12/18/2019	11	68	150	125
12/18/2019	12	68	150	126
12/18/2019	13	68	150	127
12/18/2019	14	69	150	135
12/18/2019	15	68	150	150
12/18/2019	16	69	150	134
12/18/2019	17	68	150	134

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/18/2019	18	73	150	150
12/18/2019	19	69	150	150
12/18/2019	20	68	150	130
12/18/2019	21	63	150	121
12/18/2019	22	59	150	112
12/18/2019	23	54	150	111
12/18/2019	24	50	150	111
12/19/2019	1	48	150	108
12/19/2019	2	46	150	97
12/19/2019	3	46	150	88
12/19/2019	4	46	150	93
12/19/2019	5	47	150	97
12/19/2019	6	49	150	111
12/19/2019	7	49	150	111
12/19/2019	8	53	150	113
12/19/2019	9	62	150	113
12/19/2019	10	68	150	113
12/19/2019	11	70	150	114
12/19/2019	12	68	150	120
12/19/2019	13	69	150	124
12/19/2019	14	70	150	150
12/19/2019	15	69	150	150
12/19/2019	16	68	150	150
12/19/2019	17	67	150	150
12/19/2019	18	72	150	150
12/19/2019	19	68	150	150
12/19/2019	20	65	150	128
12/19/2019	21	61	150	113
12/19/2019	22	57	150	113
12/19/2019	23	52	150	113
12/19/2019	24	49	150	113
12/20/2019	1	46	150	72
12/20/2019	2	44	150	70
12/20/2019	3	43	150	68
12/20/2019	4	43	150	67
12/20/2019	5	44	150	68
12/20/2019	6	47	150	89
12/20/2019	7	48	150	101
12/20/2019	8	52	150	115
12/20/2019	9	61	150	135
12/20/2019	10	67	150	135
12/20/2019	11	70	150	150
12/20/2019	12	70	150	150
12/20/2019	13	70	150	150
12/20/2019	14	72	150	150
12/20/2019	15	71	150	150
12/20/2019	16	70	150	150
12/20/2019	17	68	150	150
12/20/2019	18	73	150	150
12/20/2019	19	69	150	150
12/20/2019	20	67	150	150
12/20/2019	21	64	150	150
12/20/2019	22	58	150	135
12/20/2019	23	54	150	135
12/20/2019	24	50	150	115
12/21/2019	1	50	150	97
12/21/2019	2	48	150	97
12/21/2019	3	46	150	97
12/21/2019	4	45	150	87
12/21/2019	5	46	150	87
12/21/2019	6	48	150	87
12/21/2019	7	48	150	77
12/21/2019	8	52	150	97
12/21/2019	9	58	150	112
12/21/2019	10	62	150	150

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/21/2019	11	64	150	150
12/21/2019	12	63	150	150
12/21/2019	13	63	150	150
12/21/2019	14	65	150	150
12/21/2019	15	64	150	150
12/21/2019	16	62	150	150
12/21/2019	17	62	150	150
12/21/2019	18	69	150	150
12/21/2019	19	68	150	150
12/21/2019	20	66	150	150
12/21/2019	21	64	150	150
12/21/2019	22	58	150	113
12/21/2019	23	53	150	87
12/21/2019	24	49	150	77
12/22/2019	1	48	109	109
12/22/2019	2	46	107	107
12/22/2019	3	44	105	105
12/22/2019	4	44	105	105
12/22/2019	5	44	107	107
12/22/2019	6	45	108	108
12/22/2019	7	45	107	107
12/22/2019	8	46	115	115
12/22/2019	9	51	132	132
12/22/2019	10	54	146	146
12/22/2019	11	57	150	150
12/22/2019	12	57	150	150
12/22/2019	13	58	150	150
12/22/2019	14	58	150	150
12/22/2019	15	57	150	150
12/22/2019	16	57	150	150
12/22/2019	17	56	150	150
12/22/2019	18	66	150	150
12/22/2019	19	65	150	150
12/22/2019	20	63	141	141
12/22/2019	21	61	134	134
12/22/2019	22	56	127	127
12/22/2019	23	52	138	129
12/22/2019	24	49	113	113
12/23/2019	1	47	104	104
12/23/2019	2	45	109	109
12/23/2019	3	43	102	102
12/23/2019	4	43	106	106
12/23/2019	5	46	106	106
12/23/2019	6	49	106	106
12/23/2019	7	46	105	105
12/23/2019	8	50	115	115
12/23/2019	9	62	150	150
12/23/2019	10	68	150	150
12/23/2019	11	69	150	150
12/23/2019	12	69	150	150
12/23/2019	13	70	150	150
12/23/2019	14	72	150	150
12/23/2019	15	70	150	150
12/23/2019	16	68	150	150
12/23/2019	17	69	150	150
12/23/2019	18	72	150	150
12/23/2019	19	68	150	150
12/23/2019	20	65	150	150
12/23/2019	21	61	150	150
12/23/2019	22	56	140	135
12/23/2019	23	52	140	139
12/23/2019	24	49	117	117
12/24/2019	1	47	108	108
12/24/2019	2	45	107	107
12/24/2019	3	44	105	105

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/24/2019	4	43	103	103
12/24/2019	5	42	104	104
12/24/2019	6	45	107	107
12/24/2019	7	46	108	108
12/24/2019	8	48	113	113
12/24/2019	9	51	128	128
12/24/2019	10	55	148	134
12/24/2019	11	56	148	137
12/24/2019	12	58	148	139
12/24/2019	13	57	148	139
12/24/2019	14	55	148	136
12/24/2019	15	56	148	136
12/24/2019	16	55	148	135
12/24/2019	17	55	148	131
12/24/2019	18	65	148	135
12/24/2019	19	62	148	133
12/24/2019	20	56	148	129
12/24/2019	21	53	146	127
12/24/2019	22	50	145	119
12/24/2019	23	47	125	125
12/24/2019	24	50	110	110
12/25/2019	1	45	110	110
12/25/2019	2	43	108	108
12/25/2019	3	41	106	108
12/25/2019	4	41	106	106
12/25/2019	5	40	108	108
12/25/2019	6	39	100	100
12/25/2019	7	41	110	110
12/25/2019	8	39	100	100
12/25/2019	9	42	101	100
12/25/2019	10	42	103	100
12/25/2019	11	51	140	140
12/25/2019	12	50	131	128
12/25/2019	13	51	141	141
12/25/2019	14	49	122	122
12/25/2019	15	47	118	118
12/25/2019	16	48	116	116
12/25/2019	17	50	133	133
12/25/2019	18	60	131	131
12/25/2019	19	57	136	136
12/25/2019	20	56	132	132
12/25/2019	21	51	129	129
12/25/2019	22	49	128	122
12/25/2019	23	46	127	127
12/25/2019	24	46	113	113
12/26/2019	1	40	100	100
12/26/2019	2	39	96	96
12/26/2019	3	38	85	85
12/26/2019	4	38	85	85
12/26/2019	5	38	85	85
12/26/2019	6	40	90	90
12/26/2019	7	42	104	104
12/26/2019	8	45	113	112
12/26/2019	9	51	128	128
12/26/2019	10	59	139	139
12/26/2019	11	62	147	147
12/26/2019	12	63	150	150
12/26/2019	13	64	150	150
12/26/2019	14	66	150	150
12/26/2019	15	66	150	150
12/26/2019	16	64	150	150
12/26/2019	17	63	145	145
12/26/2019	18	70	150	150
12/26/2019	19	66	150	150
12/26/2019	20	63	141	141

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/26/2019	21	60	133	133
12/26/2019	22	56	131	121
12/26/2019	23	53	134	134
12/26/2019	24	49	113	113
12/27/2019	1	46	116	116
12/27/2019	2	44	116	116
12/27/2019	3	41	114	114
12/27/2019	4	41	100	100
12/27/2019	5	42	113	113
12/27/2019	6	45	116	116
12/27/2019	7	48	116	116
12/27/2019	8	50	119	119
12/27/2019	9	62	150	121
12/27/2019	10	68	150	133
12/27/2019	11	70	150	132
12/27/2019	12	69	150	133
12/27/2019	13	70	150	150
12/27/2019	14	72	150	150
12/27/2019	15	71	150	150
12/27/2019	16	69	150	143
12/27/2019	17	65	150	125
12/27/2019	18	70	150	150
12/27/2019	19	69	150	150
12/27/2019	20	68	150	150
12/27/2019	21	65	150	150
12/27/2019	22	61	149	148
12/27/2019	23	55	148	129
12/27/2019	24	53	123	123
12/28/2019	1	48	116	116
12/28/2019	2	47	116	116
12/28/2019	3	44	114	114
12/28/2019	4	44	111	111
12/28/2019	5	44	113	113
12/28/2019	6	46	116	116
12/28/2019	7	47	116	116
12/28/2019	8	52	119	119
12/28/2019	9	56	131	121
12/28/2019	10	61	132	127
12/28/2019	11	66	132	132
12/28/2019	12	65	133	133
12/28/2019	13	65	134	134
12/28/2019	14	66	142	133
12/28/2019	15	66	136	136
12/28/2019	16	65	136	136
12/28/2019	17	65	136	136
12/28/2019	18	69	146	146
12/28/2019	19	67	142	136
12/28/2019	20	65	141	135
12/28/2019	21	63	132	130
12/28/2019	22	58	131	115
12/28/2019	23	54	130	129
12/28/2019	24	49	123	123
12/29/2019	1	46	102	102
12/29/2019	2	44	103	103
12/29/2019	3	42	92	92
12/29/2019	4	41	85	85
12/29/2019	5	41	85	85
12/29/2019	6	42	85	85
12/29/2019	7	44	91	91
12/29/2019	8	47	104	102
12/29/2019	9	52	131	104
12/29/2019	10	56	132	108
12/29/2019	11	58	132	111
12/29/2019	12	58	132	112
12/29/2019	13	58	132	111

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/29/2019	14	59	132	115
12/29/2019	15	58	132	118
12/29/2019	16	57	132	114
12/29/2019	17	57	132	111
12/29/2019	18	67	132	132
12/29/2019	19	65	132	129
12/29/2019	20	63	133	133
12/29/2019	21	61	132	121
12/29/2019	22	57	130	107
12/29/2019	23	52	130	128
12/29/2019	24	49	105	105
12/30/2019	1	45	102	102
12/30/2019	2	43	103	103
12/30/2019	3	41	102	102
12/30/2019	4	41	101	101
12/30/2019	5	41	102	102
12/30/2019	6	43	103	103
12/30/2019	7	44	102	102
12/30/2019	8	47	104	102
12/30/2019	9	51	132	104
12/30/2019	10	53	133	108
12/30/2019	11	55	133	111
12/30/2019	12	58	133	112
12/30/2019	13	57	133	111
12/30/2019	14	58	133	115
12/30/2019	15	56	133	118
12/30/2019	16	54	133	114
12/30/2019	17	56	133	111
12/30/2019	18	63	150	115
12/30/2019	19	63	150	119
12/30/2019	20	62	150	115
12/30/2019	21	60	147	115
12/30/2019	22	58	131	112
12/30/2019	23	53	130	108
12/30/2019	24	48	105	105
12/31/2019	1	45	117	117
12/31/2019	2	44	116	116
12/31/2019	3	42	115	115
12/31/2019	4	41	114	107
12/31/2019	5	43	114	114
12/31/2019	6	44	117	117
12/31/2019	7	44	117	117
12/31/2019	8	47	120	120
12/31/2019	9	49	133	123
12/31/2019	10	52	133	130
12/31/2019	11	56	135	135
12/31/2019	12	57	135	135
12/31/2019	13	57	136	136
12/31/2019	14	59	136	136
12/31/2019	15	57	138	138
12/31/2019	16	56	133	133
12/31/2019	17	55	133	128
12/31/2019	18	63	150	150
12/31/2019	19	62	133	133
12/31/2019	20	58	133	126
12/31/2019	21	57	133	124
12/31/2019	22	56	133	116
12/31/2019	23	55	131	128
12/31/2019	24	54	123	123
1/1/2020	1	50	117	117
1/1/2020	2	47	116	116
1/1/2020	3	44	115	116
1/1/2020	4	42	105	105
1/1/2020	5	41	95	95
1/1/2020	6	40	91	90

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/1/2020	7	38	79	71
1/1/2020	8	39	87	78
1/1/2020	9	41	84	84
1/1/2020	10	43	111	86
1/1/2020	11	44	100	100
1/1/2020	12	47	115	115
1/1/2020	13	48	116	116
1/1/2020	14	50	128	127
1/1/2020	15	50	130	130
1/1/2020	16	49	125	123
1/1/2020	17	48	125	118
1/1/2020	18	56	133	130
1/1/2020	19	58	133	133
1/1/2020	20	57	133	126
1/1/2020	21	56	133	124
1/1/2020	22	52	131	116
1/1/2020	23	48	131	128
1/1/2020	24	44	111	108
1/2/2020	1	42	102	101
1/2/2020	2	41	90	85
1/2/2020	3	39	84	70
1/2/2020	4	38	79	65
1/2/2020	5	38	79	60
1/2/2020	6	40	79	75
1/2/2020	7	40	79	74
1/2/2020	8	45	99	99
1/2/2020	9	52	132	123
1/2/2020	10	58	132	130
1/2/2020	11	60	135	135
1/2/2020	12	60	135	135
1/2/2020	13	61	136	136
1/2/2020	14	65	136	136
1/2/2020	15	65	138	138
1/2/2020	16	64	133	133
1/2/2020	17	62	132	128
1/2/2020	18	68	135	135
1/2/2020	19	68	135	135
1/2/2020	20	65	135	135
1/2/2020	21	65	135	135
1/2/2020	22	59	129	125
1/2/2020	23	55	129	128
1/2/2020	24	49	123	123
1/3/2020	1	48	117	117
1/3/2020	2	46	116	116
1/3/2020	3	44	115	115
1/3/2020	4	44	114	114
1/3/2020	5	44	114	114
1/3/2020	6	46	117	117
1/3/2020	7	47	117	117
1/3/2020	8	52	120	120
1/3/2020	9	61	132	123
1/3/2020	10	66	150	150
1/3/2020	11	69	150	150
1/3/2020	12	69	150	150
1/3/2020	13	69	150	150
1/3/2020	14	72	150	150
1/3/2020	15	71	150	150
1/3/2020	16	70	150	150
1/3/2020	17	68	150	150
1/3/2020	18	73	150	150
1/3/2020	19	70	150	150
1/3/2020	20	68	150	150
1/3/2020	21	65	150	150
1/3/2020	22	59	150	146
1/3/2020	23	55	129	128

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/3/2020	24	52	123	123
1/4/2020	1	49	118	118
1/4/2020	2	47	117	117
1/4/2020	3	46	116	116
1/4/2020	4	46	115	115
1/4/2020	5	46	115	115
1/4/2020	6	48	116	116
1/4/2020	7	47	118	118
1/4/2020	8	51	121	121
1/4/2020	9	59	146	120
1/4/2020	10	62	146	128
1/4/2020	11	65	146	132
1/4/2020	12	65	146	130
1/4/2020	13	64	146	130
1/4/2020	14	66	146	130
1/4/2020	15	65	146	130
1/4/2020	16	64	146	130
1/4/2020	17	64	146	130
1/4/2020	18	70	150	145
1/4/2020	19	69	150	140
1/4/2020	20	67	146	130
1/4/2020	21	65	146	130
1/4/2020	22	59	146	125
1/4/2020	23	55	146	125
1/4/2020	24	52	121	121
1/5/2020	1	50	116	116
1/5/2020	2	48	115	115
1/5/2020	3	47	114	114
1/5/2020	4	46	113	113
1/5/2020	5	47	113	113
1/5/2020	6	47	114	114
1/5/2020	7	48	116	116
1/5/2020	8	50	119	119
1/5/2020	9	52	130	120
1/5/2020	10	55	130	120
1/5/2020	11	59	130	121
1/5/2020	12	60	130	121
1/5/2020	13	60	130	123
1/5/2020	14	61	130	130
1/5/2020	15	60	130	124
1/5/2020	16	59	130	122
1/5/2020	17	58	130	120
1/5/2020	18	68	150	150
1/5/2020	19	66	142	142
1/5/2020	20	65	143	120
1/5/2020	21	63	130	119
1/5/2020	22	58	129	112
1/5/2020	23	54	129	146
1/5/2020	24	50	119	119
1/6/2020	1	47	116	116
1/6/2020	2	46	115	115
1/6/2020	3	45	113	113
1/6/2020	4	44	113	113
1/6/2020	5	44	113	113
1/6/2020	6	46	114	114
1/6/2020	7	47	115	115
1/6/2020	8	52	120	120
1/6/2020	9	59	130	122
1/6/2020	10	64	130	121
1/6/2020	11	68	135	135
1/6/2020	12	67	135	135
1/6/2020	13	68	135	135
1/6/2020	14	71	135	135
1/6/2020	15	69	130	125
1/6/2020	16	68	130	124

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/6/2020	17	67	130	121
1/6/2020	18	73	141	141
1/6/2020	19	71	140	136
1/6/2020	20	67	130	121
1/6/2020	21	64	130	120
1/6/2020	22	58	129	111
1/6/2020	23	55	129	124
1/6/2020	24	50	119	119
1/7/2020	1	49	150	94
1/7/2020	2	47	150	94
1/7/2020	3	45	150	93
1/7/2020	4	44	150	93
1/7/2020	5	46	150	94
1/7/2020	6	48	150	96
1/7/2020	7	48	150	94
1/7/2020	8	52	150	99
1/7/2020	9	62	150	150
1/7/2020	10	66	150	150
1/7/2020	11	70	150	150
1/7/2020	12	69	150	150
1/7/2020	13	69	150	150
1/7/2020	14	71	150	150
1/7/2020	15	68	150	150
1/7/2020	16	68	150	150
1/7/2020	17	68	150	150
1/7/2020	18	71	150	150
1/7/2020	19	68	150	150
1/7/2020	20	64	150	150
1/7/2020	21	60	150	150
1/7/2020	22	57	150	150
1/7/2020	23	50	150	149
1/7/2020	24	48	150	98
1/8/2020	1	48	150	91
1/8/2020	2	46	150	91
1/8/2020	3	44	150	150
1/8/2020	4	44	150	91
1/8/2020	5	46	150	92
1/8/2020	6	50	150	92
1/8/2020	7	47	150	92
1/8/2020	8	53	150	97
1/8/2020	9	62	150	150
1/8/2020	10	68	150	150
1/8/2020	11	71	150	150
1/8/2020	12	70	150	150
1/8/2020	13	71	150	150
1/8/2020	14	71	150	150
1/8/2020	15	70	150	150
1/8/2020	16	69	150	150
1/8/2020	17	67	150	150
1/8/2020	18	72	150	150
1/8/2020	19	69	150	150
1/8/2020	20	67	150	150
1/8/2020	21	63	150	150
1/8/2020	22	59	150	150
1/8/2020	23	55	150	150
1/8/2020	24	51	150	114
1/9/2020	1	48	150	91
1/9/2020	2	46	150	91
1/9/2020	3	45	150	91
1/9/2020	4	44	150	91
1/9/2020	5	47	150	92
1/9/2020	6	51	150	111
1/9/2020	7	47	150	92
1/9/2020	8	51	150	117
1/9/2020	9	61	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/9/2020	10	67	150	150
1/9/2020	11	70	150	150
1/9/2020	12	69	150	150
1/9/2020	13	69	150	150
1/9/2020	14	72	150	150
1/9/2020	15	70	150	150
1/9/2020	16	69	150	150
1/9/2020	17	67	150	150
1/9/2020	18	73	150	150
1/9/2020	19	69	150	150
1/9/2020	20	67	150	150
1/9/2020	21	63	150	150
1/9/2020	22	58	150	150
1/9/2020	23	55	150	147
1/9/2020	24	50	150	125
1/10/2020	1	48	150	88
1/10/2020	2	46	150	91
1/10/2020	3	45	150	91
1/10/2020	4	44	150	91
1/10/2020	5	47	150	92
1/10/2020	6	49	150	92
1/10/2020	7	47	150	92
1/10/2020	8	51	150	97
1/10/2020	9	61	150	146
1/10/2020	10	66	150	149
1/10/2020	11	69	150	150
1/10/2020	12	68	150	150
1/10/2020	13	69	150	150
1/10/2020	14	70	150	150
1/10/2020	15	69	150	150
1/10/2020	16	68	150	150
1/10/2020	17	67	150	150
1/10/2020	18	72	150	150
1/10/2020	19	68	150	150
1/10/2020	20	66	150	150
1/10/2020	21	63	150	148
1/10/2020	22	59	150	146
1/10/2020	23	53	150	146
1/10/2020	24	50	150	97
1/11/2020	1	46	150	86
1/11/2020	2	44	150	89
1/11/2020	3	43	150	89
1/11/2020	4	43	150	89
1/11/2020	5	43	150	89
1/11/2020	6	46	150	90
1/11/2020	7	46	150	90
1/11/2020	8	50	150	95
1/11/2020	9	56	150	148
1/11/2020	10	60	150	150
1/11/2020	11	64	150	150
1/11/2020	12	64	150	150
1/11/2020	13	64	150	150
1/11/2020	14	66	150	150
1/11/2020	15	65	150	150
1/11/2020	16	64	150	150
1/11/2020	17	62	150	150
1/11/2020	18	67	150	150
1/11/2020	19	66	150	150
1/11/2020	20	64	150	150
1/11/2020	21	60	150	148
1/11/2020	22	55	150	147
1/11/2020	23	51	150	147
1/11/2020	24	48	150	96
1/12/2020	1	47	148	88
1/12/2020	2	45	148	91

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/12/2020	3	44	148	91
1/12/2020	4	43	148	91
1/12/2020	5	43	148	92
1/12/2020	6	44	148	92
1/12/2020	7	45	148	92
1/12/2020	8	47	148	97
1/12/2020	9	51	148	146
1/12/2020	10	54	148	148
1/12/2020	11	57	148	148
1/12/2020	12	58	148	148
1/12/2020	13	58	148	148
1/12/2020	14	59	148	148
1/12/2020	15	58	148	148
1/12/2020	16	58	148	148
1/12/2020	17	58	148	148
1/12/2020	18	65	148	148
1/12/2020	19	65	148	148
1/12/2020	20	64	148	148
1/12/2020	21	60	148	146
1/12/2020	22	57	148	145
1/12/2020	23	52	148	150
1/12/2020	24	48	148	96
1/13/2020	1	47	150	92
1/13/2020	2	44	150	95
1/13/2020	3	43	150	94
1/13/2020	4	43	150	94
1/13/2020	5	45	150	95
1/13/2020	6	50	150	96
1/13/2020	7	46	150	95
1/13/2020	8	52	150	101
1/13/2020	9	61	150	147
1/13/2020	10	67	150	150
1/13/2020	11	70	150	150
1/13/2020	12	69	150	150
1/13/2020	13	69	150	150
1/13/2020	14	71	150	150
1/13/2020	15	70	150	150
1/13/2020	16	69	150	150
1/13/2020	17	67	150	150
1/13/2020	18	71	150	150
1/13/2020	19	68	150	150
1/13/2020	20	67	150	150
1/13/2020	21	63	150	150
1/13/2020	22	58	150	146
1/13/2020	23	53	150	146
1/13/2020	24	50	150	100
1/14/2020	1	47	150	87
1/14/2020	2	46	150	90
1/14/2020	3	45	150	89
1/14/2020	4	46	150	89
1/14/2020	5	47	150	90
1/14/2020	6	51	150	92
1/14/2020	7	48	150	92
1/14/2020	8	54	150	114
1/14/2020	9	61	150	148
1/14/2020	10	66	150	148
1/14/2020	11	69	150	150
1/14/2020	12	68	150	150
1/14/2020	13	67	150	150
1/14/2020	14	69	150	150
1/14/2020	15	68	150	150
1/14/2020	16	67	150	150
1/14/2020	17	66	150	150
1/14/2020	18	70	150	150
1/14/2020	19	67	150	148

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/14/2020	20	65	150	148
1/14/2020	21	62	150	148
1/14/2020	22	56	150	148
1/14/2020	23	50	150	148
1/14/2020	24	48	150	99
1/15/2020	1	50	150	114
1/15/2020	2	49	150	114
1/15/2020	3	48	150	150
1/15/2020	4	48	150	114
1/15/2020	5	49	150	114
1/15/2020	6	52	150	114
1/15/2020	7	49	150	114
1/15/2020	8	54	150	114
1/15/2020	9	64	150	150
1/15/2020	10	68	150	150
1/15/2020	11	72	150	150
1/15/2020	12	71	150	150
1/15/2020	13	71	150	150
1/15/2020	14	74	150	150
1/15/2020	15	74	150	150
1/15/2020	16	72	150	150
1/15/2020	17	69	150	150
1/15/2020	18	74	150	150
1/15/2020	19	72	150	150
1/15/2020	20	69	150	150
1/15/2020	21	66	150	150
1/15/2020	22	60	150	150
1/15/2020	23	56	150	150
1/15/2020	24	52	150	128
1/16/2020	1	51	150	94
1/16/2020	2	49	150	94
1/16/2020	3	48	150	94
1/16/2020	4	48	150	94
1/16/2020	5	50	150	94
1/16/2020	6	53	150	114
1/16/2020	7	49	150	114
1/16/2020	8	55	150	129
1/16/2020	9	66	150	150
1/16/2020	10	71	150	150
1/16/2020	11	73	150	150
1/16/2020	12	72	150	150
1/16/2020	13	73	150	150
1/16/2020	14	76	150	150
1/16/2020	15	75	150	150
1/16/2020	16	73	150	150
1/16/2020	17	70	150	150
1/16/2020	18	75	150	150
1/16/2020	19	74	150	150
1/16/2020	20	71	150	150
1/16/2020	21	68	150	150
1/16/2020	22	62	150	150
1/16/2020	23	58	150	150
1/16/2020	24	54	150	114
1/17/2020	1	52	150	99
1/17/2020	2	51	150	99
1/17/2020	3	49	150	99
1/17/2020	4	48	150	99
1/17/2020	5	50	150	99
1/17/2020	6	53	150	99
1/17/2020	7	49	150	99
1/17/2020	8	56	150	114
1/17/2020	9	67	150	147
1/17/2020	10	72	150	150
1/17/2020	11	74	150	150
1/17/2020	12	73	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/17/2020	13	76	150	150
1/17/2020	14	77	150	150
1/17/2020	15	75	150	150
1/17/2020	16	72	150	150
1/17/2020	17	71	150	150
1/17/2020	18	74	150	150
1/17/2020	19	72	150	150
1/17/2020	20	72	150	150
1/17/2020	21	69	150	150
1/17/2020	22	64	150	150
1/17/2020	23	60	150	150
1/17/2020	24	56	150	114
1/18/2020	1	51	150	99
1/18/2020	2	49	150	99
1/18/2020	3	47	150	99
1/18/2020	4	47	150	99
1/18/2020	5	47	150	99
1/18/2020	6	48	150	99
1/18/2020	7	49	150	99
1/18/2020	8	52	150	114
1/18/2020	9	60	150	150
1/18/2020	10	64	150	150
1/18/2020	11	68	150	150
1/18/2020	12	67	150	150
1/18/2020	13	68	150	150
1/18/2020	14	69	150	150
1/18/2020	15	67	150	150
1/18/2020	16	66	150	150
1/18/2020	17	64	150	150
1/18/2020	18	71	150	150
1/18/2020	19	69	150	150
1/18/2020	20	67	150	150
1/18/2020	21	65	150	150
1/18/2020	22	60	150	150
1/18/2020	23	56	150	150
1/18/2020	24	52	150	114
1/19/2020	1	50	150	88
1/19/2020	2	48	150	91
1/19/2020	3	47	150	91
1/19/2020	4	45	150	91
1/19/2020	5	46	150	92
1/19/2020	6	46	150	92
1/19/2020	7	47	150	92
1/19/2020	8	48	150	97
1/19/2020	9	52	150	130
1/19/2020	10	56	150	134
1/19/2020	11	58	150	134
1/19/2020	12	58	150	150
1/19/2020	13	59	150	150
1/19/2020	14	60	150	150
1/19/2020	15	60	150	150
1/19/2020	16	59	150	150
1/19/2020	17	59	150	150
1/19/2020	18	67	150	150
1/19/2020	19	65	150	150
1/19/2020	20	64	150	150
1/19/2020	21	62	150	140
1/19/2020	22	58	150	136
1/19/2020	23	54	150	115
1/19/2020	24	50	150	119
1/20/2020	1	49	150	91
1/20/2020	2	48	150	94
1/20/2020	3	46	150	93
1/20/2020	4	46	150	93
1/20/2020	5	48	150	94

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/20/2020	6	50	150	95
1/20/2020	7	48	150	94
1/20/2020	8	54	150	114
1/20/2020	9	64	150	142
1/20/2020	10	68	150	150
1/20/2020	11	71	150	150
1/20/2020	12	69	150	150
1/20/2020	13	70	150	150
1/20/2020	14	74	150	150
1/20/2020	15	73	150	150
1/20/2020	16	71	150	150
1/20/2020	17	70	150	150
1/20/2020	18	73	150	150
1/20/2020	19	72	150	150
1/20/2020	20	68	150	150
1/20/2020	21	66	150	150
1/20/2020	22	60	150	130
1/20/2020	23	56	150	130
1/20/2020	24	52	150	114
1/21/2020	1	51	150	90
1/21/2020	2	48	150	93
1/21/2020	3	47	150	93
1/21/2020	4	47	150	93
1/21/2020	5	50	150	93
1/21/2020	6	53	150	93
1/21/2020	7	49	150	93
1/21/2020	8	56	150	98
1/21/2020	9	65	150	150
1/21/2020	10	70	150	150
1/21/2020	11	73	150	150
1/21/2020	12	71	150	150
1/21/2020	13	72	150	150
1/21/2020	14	76	150	150
1/21/2020	15	75	150	150
1/21/2020	16	73	150	150
1/21/2020	17	70	150	150
1/21/2020	18	73	150	150
1/21/2020	19	72	150	150
1/21/2020	20	71	150	150
1/21/2020	21	67	150	150
1/21/2020	22	62	150	150
1/21/2020	23	57	150	148
1/21/2020	24	53	150	98
1/22/2020	1	50	150	94
1/22/2020	2	48	150	97
1/22/2020	3	48	150	150
1/22/2020	4	47	150	96
1/22/2020	5	49	150	96
1/22/2020	6	52	150	96
1/22/2020	7	49	150	96
1/22/2020	8	55	150	96
1/22/2020	9	65	150	150
1/22/2020	10	70	150	150
1/22/2020	11	73	150	150
1/22/2020	12	72	150	150
1/22/2020	13	73	150	150
1/22/2020	14	76	150	150
1/22/2020	15	74	150	150
1/22/2020	16	72	150	150
1/22/2020	17	70	150	150
1/22/2020	18	73	150	150
1/22/2020	19	73	150	150
1/22/2020	20	70	150	150
1/22/2020	21	66	150	150
1/22/2020	22	61	150	147

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/22/2020	23	56	150	146
1/22/2020	24	52	150	102
1/23/2020	1	48	150	82
1/23/2020	2	48	150	82
1/23/2020	3	46	150	81
1/23/2020	4	46	150	80
1/23/2020	5	48	150	85
1/23/2020	6	52	150	92
1/23/2020	7	48	150	92
1/23/2020	8	53	150	100
1/23/2020	9	63	150	126
1/23/2020	10	69	150	150
1/23/2020	11	72	150	150
1/23/2020	12	71	150	150
1/23/2020	13	71	150	150
1/23/2020	14	75	150	150
1/23/2020	15	73	150	150
1/23/2020	16	71	150	150
1/23/2020	17	69	150	150
1/23/2020	18	70	150	150
1/23/2020	19	71	150	150
1/23/2020	20	69	150	150
1/23/2020	21	66	150	138
1/23/2020	22	60	150	132
1/23/2020	23	54	150	117
1/23/2020	24	51	150	99
1/24/2020	1	49	150	66
1/24/2020	2	48	150	66
1/24/2020	3	47	150	66
1/24/2020	4	46	150	66
1/24/2020	5	48	150	69
1/24/2020	6	52	150	78
1/24/2020	7	49	150	66
1/24/2020	8	53	150	79
1/24/2020	9	61	150	114
1/24/2020	10	66	150	117
1/24/2020	11	69	150	124
1/24/2020	12	69	150	124
1/24/2020	13	69	150	124
1/24/2020	14	71	150	124
1/24/2020	15	70	150	124
1/24/2020	16	69	150	124
1/24/2020	17	68	150	134
1/24/2020	18	71	150	139
1/24/2020	19	73	150	149
1/24/2020	20	69	150	134
1/24/2020	21	65	150	111
1/24/2020	22	60	150	106
1/24/2020	23	57	150	115
1/24/2020	24	52	150	100
1/25/2020	1	49	122	122
1/25/2020	2	47	119	119
1/25/2020	3	47	118	118
1/25/2020	4	46	118	118
1/25/2020	5	47	119	119
1/25/2020	6	47	123	123
1/25/2020	7	48	120	120
1/25/2020	8	51	122	122
1/25/2020	9	59	129	129
1/25/2020	10	62	148	135
1/25/2020	11	66	150	150
1/25/2020	12	65	149	140
1/25/2020	13	66	149	146
1/25/2020	14	68	150	150
1/25/2020	15	67	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/25/2020	16	66	150	150
1/25/2020	17	62	150	150
1/25/2020	18	69	150	150
1/25/2020	19	70	150	150
1/25/2020	20	67	149	145
1/25/2020	21	65	148	135
1/25/2020	22	57	147	120
1/25/2020	23	53	147	131
1/25/2020	24	49	126	126
1/26/2020	1	48	122	122
1/26/2020	2	46	120	120
1/26/2020	3	45	119	119
1/26/2020	4	44	118	118
1/26/2020	5	44	119	119
1/26/2020	6	44	123	123
1/26/2020	7	45	120	120
1/26/2020	8	47	121	121
1/26/2020	9	50	131	125
1/26/2020	10	54	147	128
1/26/2020	11	56	147	128
1/26/2020	12	58	147	129
1/26/2020	13	59	147	129
1/26/2020	14	61	147	135
1/26/2020	15	60	147	133
1/26/2020	16	60	147	133
1/26/2020	17	57	147	130
1/26/2020	18	64	150	150
1/26/2020	19	65	150	150
1/26/2020	20	64	150	150
1/26/2020	21	63	150	150
1/26/2020	22	58	144	138
1/26/2020	23	54	144	144
1/26/2020	24	49	126	126
1/27/2020	1	49	150	95
1/27/2020	2	47	150	95
1/27/2020	3	46	150	95
1/27/2020	4	45	150	95
1/27/2020	5	46	150	95
1/27/2020	6	51	150	104
1/27/2020	7	52	150	103
1/27/2020	8	54	150	102
1/27/2020	9	62	150	107
1/27/2020	10	67	150	122
1/27/2020	11	70	150	131
1/27/2020	12	69	150	123
1/27/2020	13	70	150	135
1/27/2020	14	74	150	139
1/27/2020	15	73	150	142
1/27/2020	16	72	150	142
1/27/2020	17	67	150	140
1/27/2020	18	72	150	142
1/27/2020	19	68	150	137
1/27/2020	20	66	150	136
1/27/2020	21	64	150	135
1/27/2020	22	60	150	122
1/27/2020	23	56	150	106
1/27/2020	24	53	150	102
1/28/2020	1	49	120	120
1/28/2020	2	47	118	118
1/28/2020	3	47	117	117
1/28/2020	4	46	117	117
1/28/2020	5	48	118	118
1/28/2020	6	52	131	130
1/28/2020	7	48	119	119
1/28/2020	8	53	134	134

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/28/2020	9	62	148	148
1/28/2020	10	68	150	150
1/28/2020	11	71	150	150
1/28/2020	12	70	150	150
1/28/2020	13	72	150	150
1/28/2020	14	74	150	150
1/28/2020	15	73	150	150
1/28/2020	16	71	150	150
1/28/2020	17	68	150	150
1/28/2020	18	70	150	150
1/28/2020	19	72	150	150
1/28/2020	20	69	150	150
1/28/2020	21	67	150	150
1/28/2020	22	62	145	145
1/28/2020	23	58	150	150
1/28/2020	24	53	133	131
1/29/2020	1	50	121	121
1/29/2020	2	48	119	119
1/29/2020	3	47	117	119
1/29/2020	4	46	117	117
1/29/2020	5	48	118	118
1/29/2020	6	52	124	124
1/29/2020	7	48	120	120
1/29/2020	8	53	132	125
1/29/2020	9	63	150	150
1/29/2020	10	69	150	150
1/29/2020	11	73	150	150
1/29/2020	12	72	150	150
1/29/2020	13	73	150	150
1/29/2020	14	77	150	150
1/29/2020	15	75	150	150
1/29/2020	16	73	150	150
1/29/2020	17	70	150	150
1/29/2020	18	72	150	150
1/29/2020	19	73	150	150
1/29/2020	20	70	150	150
1/29/2020	21	67	150	150
1/29/2020	22	63	150	135
1/29/2020	23	58	148	130
1/29/2020	24	53	125	124
1/30/2020	1	52	138	138
1/30/2020	2	51	135	135
1/30/2020	3	50	127	127
1/30/2020	4	49	120	118
1/30/2020	5	52	135	135
1/30/2020	6	53	136	136
1/30/2020	7	49	122	122
1/30/2020	8	54	138	138
1/30/2020	9	64	150	150
1/30/2020	10	71	150	150
1/30/2020	11	74	150	150
1/30/2020	12	73	150	150
1/30/2020	13	76	150	150
1/30/2020	14	79	150	150
1/30/2020	15	77	150	150
1/30/2020	16	75	150	150
1/30/2020	17	71	150	150
1/30/2020	18	72	150	150
1/30/2020	19	74	150	150
1/30/2020	20	72	150	150
1/30/2020	21	69	150	150
1/30/2020	22	64	150	150
1/30/2020	23	59	147	141
1/30/2020	24	55	131	131
1/31/2020	1	52	139	139

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/31/2020	2	50	130	127
1/31/2020	3	49	124	124
1/31/2020	4	49	124	124
1/31/2020	5	51	134	134
1/31/2020	6	54	142	142
1/31/2020	7	50	126	126
1/31/2020	8	55	143	143
1/31/2020	9	64	150	150
1/31/2020	10	71	150	150
1/31/2020	11	74	150	150
1/31/2020	12	73	150	150
1/31/2020	13	74	150	150
1/31/2020	14	76	150	150
1/31/2020	15	75	150	150
1/31/2020	16	74	150	150
1/31/2020	17	70	150	150
1/31/2020	18	72	150	150
1/31/2020	19	74	150	150
1/31/2020	20	71	150	150
1/31/2020	21	68	150	150
1/31/2020	22	63	150	150
1/31/2020	23	58	146	144
1/31/2020	24	54	134	134
2/1/2020	1	51	141	141
2/1/2020	2	49	135	135
2/1/2020	3	48	123	123
2/1/2020	4	47	122	122
2/1/2020	5	47	122	122
2/1/2020	6	49	127	127
2/1/2020	7	50	138	138
2/1/2020	8	52	139	139
2/1/2020	9	60	150	150
2/1/2020	10	64	150	150
2/1/2020	11	67	150	150
2/1/2020	12	67	150	150
2/1/2020	13	69	150	150
2/1/2020	14	71	150	150
2/1/2020	15	69	150	150
2/1/2020	16	68	150	150
2/1/2020	17	66	150	150
2/1/2020	18	70	150	150
2/1/2020	19	72	150	150
2/1/2020	20	69	150	150
2/1/2020	21	66	150	150
2/1/2020	22	62	146	141
2/1/2020	23	58	146	138
2/1/2020	24	54	135	135
2/2/2020	1	50	119	119
2/2/2020	2	49	117	117
2/2/2020	3	48	115	115
2/2/2020	4	48	114	114
2/2/2020	5	48	115	115
2/2/2020	6	51	116	116
2/2/2020	7	52	117	117
2/2/2020	8	56	120	120
2/2/2020	9	63	128	128
2/2/2020	10	68	131	131
2/2/2020	11	72	137	137
2/2/2020	12	71	131	131
2/2/2020	13	72	142	142
2/2/2020	14	74	148	148
2/2/2020	15	72	146	145
2/2/2020	16	70	143	143
2/2/2020	17	67	136	135
2/2/2020	18	69	144	144

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/2/2020	19	67	136	135
2/2/2020	20	66	135	135
2/2/2020	21	63	132	132
2/2/2020	22	60	128	128
2/2/2020	23	55	127	127
2/2/2020	24	52	124	124
2/3/2020	1	48	116	116
2/3/2020	2	46	114	114
2/3/2020	3	44	113	113
2/3/2020	4	44	112	112
2/3/2020	5	46	112	112
2/3/2020	6	49	115	115
2/3/2020	7	50	116	116
2/3/2020	8	54	118	118
2/3/2020	9	61	125	125
2/3/2020	10	66	122	122
2/3/2020	11	69	126	126
2/3/2020	12	68	127	127
2/3/2020	13	69	127	127
2/3/2020	14	71	132	132
2/3/2020	15	70	138	138
2/3/2020	16	68	131	131
2/3/2020	17	65	127	127
2/3/2020	18	66	125	125
2/3/2020	19	65	128	128
2/3/2020	20	64	126	126
2/3/2020	21	61	125	125
2/3/2020	22	57	131	131
2/3/2020	23	55	127	127
2/3/2020	24	51	121	121
2/4/2020	1	52	126	126
2/4/2020	2	50	121	121
2/4/2020	3	49	119	119
2/4/2020	4	48	118	118
2/4/2020	5	51	120	120
2/4/2020	6	53	125	125
2/4/2020	7	49	123	123
2/4/2020	8	54	126	126
2/4/2020	9	64	144	136
2/4/2020	10	71	150	150
2/4/2020	11	74	150	150
2/4/2020	12	73	150	150
2/4/2020	13	74	150	150
2/4/2020	14	78	150	150
2/4/2020	15	77	150	150
2/4/2020	16	75	150	150
2/4/2020	17	71	150	150
2/4/2020	18	72	150	150
2/4/2020	19	73	150	150
2/4/2020	20	71	150	150
2/4/2020	21	68	150	150
2/4/2020	22	63	146	143
2/4/2020	23	58	143	139
2/4/2020	24	54	132	132
2/5/2020	1	48	124	124
2/5/2020	2	47	121	121
2/5/2020	3	44	118	121
2/5/2020	4	44	117	117
2/5/2020	5	45	120	120
2/5/2020	6	50	124	124
2/5/2020	7	47	122	122
2/5/2020	8	51	126	126
2/5/2020	9	62	145	136
2/5/2020	10	67	148	146
2/5/2020	11	71	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/5/2020	12	70	150	150
2/5/2020	13	70	150	150
2/5/2020	14	75	150	150
2/5/2020	15	73	150	150
2/5/2020	16	72	150	150
2/5/2020	17	70	150	150
2/5/2020	18	71	150	150
2/5/2020	19	73	150	150
2/5/2020	20	69	150	150
2/5/2020	21	66	146	145
2/5/2020	22	61	145	131
2/5/2020	23	55	145	131
2/5/2020	24	52	127	127
2/6/2020	1	48	123	123
2/6/2020	2	46	119	119
2/6/2020	3	44	117	117
2/6/2020	4	44	117	117
2/6/2020	5	47	119	119
2/6/2020	6	52	124	124
2/6/2020	7	49	121	121
2/6/2020	8	52	123	123
2/6/2020	9	62	150	144
2/6/2020	10	67	150	150
2/6/2020	11	71	150	150
2/6/2020	12	70	150	150
2/6/2020	13	70	150	150
2/6/2020	14	75	150	150
2/6/2020	15	74	150	150
2/6/2020	16	73	150	150
2/6/2020	17	69	150	150
2/6/2020	18	71	150	150
2/6/2020	19	72	150	150
2/6/2020	20	68	150	150
2/6/2020	21	66	150	142
2/6/2020	22	60	150	134
2/6/2020	23	55	147	133
2/6/2020	24	51	127	127
2/7/2020	1	50	115	115
2/7/2020	2	49	118	118
2/7/2020	3	48	116	116
2/7/2020	4	47	116	116
2/7/2020	5	49	118	118
2/7/2020	6	52	125	125
2/7/2020	7	48	120	120
2/7/2020	8	53	123	123
2/7/2020	9	64	150	136
2/7/2020	10	69	150	150
2/7/2020	11	72	150	150
2/7/2020	12	72	150	150
2/7/2020	13	71	150	150
2/7/2020	14	75	150	150
2/7/2020	15	74	150	150
2/7/2020	16	73	150	150
2/7/2020	17	69	150	150
2/7/2020	18	70	150	150
2/7/2020	19	72	150	150
2/7/2020	20	69	150	150
2/7/2020	21	67	150	150
2/7/2020	22	62	150	137
2/7/2020	23	59	146	132
2/7/2020	24	54	126	126
2/8/2020	1	51	123	123
2/8/2020	2	49	117	117
2/8/2020	3	48	116	116
2/8/2020	4	46	116	116

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/8/2020	5	47	118	118
2/8/2020	6	48	121	121
2/8/2020	7	49	119	119
2/8/2020	8	51	124	124
2/8/2020	9	58	129	129
2/8/2020	10	62	145	136
2/8/2020	11	66	149	145
2/8/2020	12	65	149	145
2/8/2020	13	65	149	145
2/8/2020	14	67	149	145
2/8/2020	15	66	149	145
2/8/2020	16	65	149	145
2/8/2020	17	63	149	145
2/8/2020	18	67	149	145
2/8/2020	19	69	145	145
2/8/2020	20	67	145	145
2/8/2020	21	65	145	138
2/8/2020	22	61	144	125
2/8/2020	23	56	144	130
2/8/2020	24	52	125	125
2/9/2020	1	51	134	134
2/9/2020	2	49	132	132
2/9/2020	3	47	126	125
2/9/2020	4	45	116	116
2/9/2020	5	47	118	118
2/9/2020	6	48	121	121
2/9/2020	7	47	119	119
2/9/2020	8	48	124	124
2/9/2020	9	50	127	124
2/9/2020	10	55	134	134
2/9/2020	11	57	137	137
2/9/2020	12	58	134	134
2/9/2020	13	59	137	137
2/9/2020	14	61	145	144
2/9/2020	15	60	144	144
2/9/2020	16	59	139	139
2/9/2020	17	59	142	139
2/9/2020	18	63	150	150
2/9/2020	19	66	150	150
2/9/2020	20	64	150	150
2/9/2020	21	61	143	143
2/9/2020	22	56	136	132
2/9/2020	23	52	130	150
2/9/2020	24	49	125	125
2/10/2020	1	49	119	119
2/10/2020	2	48	117	117
2/10/2020	3	46	116	116
2/10/2020	4	45	116	116
2/10/2020	5	48	118	118
2/10/2020	6	50	121	121
2/10/2020	7	47	119	119
2/10/2020	8	52	124	124
2/10/2020	9	63	137	134
2/10/2020	10	68	150	150
2/10/2020	11	72	150	150
2/10/2020	12	71	150	150
2/10/2020	13	72	150	150
2/10/2020	14	73	150	150
2/10/2020	15	71	150	150
2/10/2020	16	70	150	150
2/10/2020	17	69	150	150
2/10/2020	18	70	150	150
2/10/2020	19	72	150	150
2/10/2020	20	69	150	150
2/10/2020	21	65	138	138

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/10/2020	22	60	126	121
2/10/2020	23	55	130	130
2/10/2020	24	52	125	125
2/11/2020	1	52	125	125
2/11/2020	2	50	125	125
2/11/2020	3	50	125	125
2/11/2020	4	49	125	125
2/11/2020	5	51	125	125
2/11/2020	6	53	125	125
2/11/2020	7	49	125	125
2/11/2020	8	54	125	125
2/11/2020	9	64	150	150
2/11/2020	10	70	150	150
2/11/2020	11	73	150	150
2/11/2020	12	71	150	150
2/11/2020	13	75	150	150
2/11/2020	14	76	150	150
2/11/2020	15	75	150	150
2/11/2020	16	74	150	150
2/11/2020	17	70	150	150
2/11/2020	18	71	150	150
2/11/2020	19	73	150	150
2/11/2020	20	70	150	150
2/11/2020	21	67	150	150
2/11/2020	22	62	150	148
2/11/2020	23	58	150	150
2/11/2020	24	50	129	129
2/12/2020	1	50	137	137
2/12/2020	2	48	134	134
2/12/2020	3	47	119	134
2/12/2020	4	46	119	119
2/12/2020	5	48	132	131
2/12/2020	6	53	136	136
2/12/2020	7	49	134	134
2/12/2020	8	54	144	144
2/12/2020	9	62	150	150
2/12/2020	10	69	150	150
2/12/2020	11	73	150	150
2/12/2020	12	71	150	150
2/12/2020	13	72	150	150
2/12/2020	14	75	150	150
2/12/2020	15	73	150	150
2/12/2020	16	72	150	150
2/12/2020	17	70	150	150
2/12/2020	18	70	150	150
2/12/2020	19	71	150	150
2/12/2020	20	70	150	150
2/12/2020	21	66	150	150
2/12/2020	22	61	150	150
2/12/2020	23	56	150	150
2/12/2020	24	52	137	137
2/13/2020	1	49	122	122
2/13/2020	2	47	121	121
2/13/2020	3	46	119	119
2/13/2020	4	45	119	119
2/13/2020	5	47	121	121
2/13/2020	6	52	124	124
2/13/2020	7	48	122	122
2/13/2020	8	52	125	125
2/13/2020	9	61	147	147
2/13/2020	10	66	150	150
2/13/2020	11	69	150	150
2/13/2020	12	67	150	150
2/13/2020	13	69	150	150
2/13/2020	14	74	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/13/2020	15	71	150	150
2/13/2020	16	70	150	150
2/13/2020	17	67	150	150
2/13/2020	18	70	150	150
2/13/2020	19	72	150	150
2/13/2020	20	68	150	150
2/13/2020	21	64	150	150
2/13/2020	22	58	147	145
2/13/2020	23	53	150	150
2/13/2020	24	49	126	126
2/14/2020	1	50	122	122
2/14/2020	2	48	121	121
2/14/2020	3	47	119	119
2/14/2020	4	47	118	118
2/14/2020	5	49	120	120
2/14/2020	6	52	122	122
2/14/2020	7	49	120	120
2/14/2020	8	53	124	124
2/14/2020	9	62	148	148
2/14/2020	10	69	150	150
2/14/2020	11	71	150	150
2/14/2020	12	71	150	150
2/14/2020	13	72	150	150
2/14/2020	14	74	150	150
2/14/2020	15	73	150	150
2/14/2020	16	72	150	150
2/14/2020	17	69	149	147
2/14/2020	18	72	150	150
2/14/2020	19	73	150	150
2/14/2020	20	71	150	150
2/14/2020	21	68	149	149
2/14/2020	22	63	147	144
2/14/2020	23	58	150	150
2/14/2020	24	53	125	125
2/15/2020	1	53	124	124
2/15/2020	2	51	121	121
2/15/2020	3	49	120	120
2/15/2020	4	47	118	118
2/15/2020	5	48	119	119
2/15/2020	6	50	120	120
2/15/2020	7	49	118	118
2/15/2020	8	52	122	122
2/15/2020	9	59	150	150
2/15/2020	10	63	149	133
2/15/2020	11	66	150	150
2/15/2020	12	66	150	150
2/15/2020	13	66	150	150
2/15/2020	14	68	150	150
2/15/2020	15	67	150	150
2/15/2020	16	66	150	150
2/15/2020	17	63	150	150
2/15/2020	18	66	150	150
2/15/2020	19	68	150	150
2/15/2020	20	66	149	135
2/15/2020	21	63	147	134
2/15/2020	22	58	147	145
2/15/2020	23	53	150	150
2/15/2020	24	52	128	128
2/16/2020	1	49	128	128
2/16/2020	2	47	121	121
2/16/2020	3	45	114	114
2/16/2020	4	45	114	114
2/16/2020	5	44	114	114
2/16/2020	6	45	113	113
2/16/2020	7	45	113	113

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/16/2020	8	47	114	114
2/16/2020	9	51	146	119
2/16/2020	10	54	148	102
2/16/2020	11	57	148	104
2/16/2020	12	59	148	106
2/16/2020	13	59	148	107
2/16/2020	14	59	148	123
2/16/2020	15	59	148	122
2/16/2020	16	59	148	122
2/16/2020	17	57	148	95
2/16/2020	18	62	148	119
2/16/2020	19	65	148	136
2/16/2020	20	64	148	126
2/16/2020	21	62	146	130
2/16/2020	22	57	149	149
2/16/2020	23	53	146	150
2/16/2020	24	50	123	123
2/17/2020	1	48	131	131
2/17/2020	2	47	123	123
2/17/2020	3	45	122	122
2/17/2020	4	45	121	121
2/17/2020	5	47	123	123
2/17/2020	6	50	126	126
2/17/2020	7	46	124	124
2/17/2020	8	50	132	132
2/17/2020	9	61	150	150
2/17/2020	10	68	150	150
2/17/2020	11	70	150	150
2/17/2020	12	69	150	150
2/17/2020	13	69	150	150
2/17/2020	14	72	150	150
2/17/2020	15	71	150	150
2/17/2020	16	70	150	150
2/17/2020	17	69	150	150
2/17/2020	18	71	150	150
2/17/2020	19	71	150	150
2/17/2020	20	69	150	150
2/17/2020	21	65	149	147
2/17/2020	22	60	150	150
2/17/2020	23	55	150	150
2/17/2020	24	52	135	135
2/18/2020	1	48	120	120
2/18/2020	2	46	118	118
2/18/2020	3	45	117	117
2/18/2020	4	45	117	117
2/18/2020	5	47	118	118
2/18/2020	6	51	122	122
2/18/2020	7	48	119	119
2/18/2020	8	52	122	122
2/18/2020	9	61	147	147
2/18/2020	10	67	150	150
2/18/2020	11	69	150	150
2/18/2020	12	69	150	150
2/18/2020	13	70	150	150
2/18/2020	14	73	150	150
2/18/2020	15	72	150	150
2/18/2020	16	70	150	150
2/18/2020	17	67	150	150
2/18/2020	18	69	150	150
2/18/2020	19	70	150	150
2/18/2020	20	67	150	150
2/18/2020	21	63	149	149
2/18/2020	22	58	146	145
2/18/2020	23	54	150	150
2/18/2020	24	49	124	124

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/19/2020	1	48	120	120
2/19/2020	2	46	119	119
2/19/2020	3	45	118	119
2/19/2020	4	44	117	117
2/19/2020	5	47	118	118
2/19/2020	6	51	122	122
2/19/2020	7	48	119	119
2/19/2020	8	52	122	122
2/19/2020	9	61	149	149
2/19/2020	10	68	150	150
2/19/2020	11	71	150	150
2/19/2020	12	70	150	150
2/19/2020	13	71	150	150
2/19/2020	14	73	150	150
2/19/2020	15	73	150	150
2/19/2020	16	71	150	150
2/19/2020	17	68	150	150
2/19/2020	18	70	150	150
2/19/2020	19	72	150	150
2/19/2020	20	69	150	150
2/19/2020	21	67	150	150
2/19/2020	22	61	146	146
2/19/2020	23	57	150	150
2/19/2020	24	52	127	127
2/20/2020	1	49	123	123
2/20/2020	2	47	121	121
2/20/2020	3	46	120	120
2/20/2020	4	45	119	119
2/20/2020	5	45	121	121
2/20/2020	6	48	125	125
2/20/2020	7	50	121	121
2/20/2020	8	50	123	123
2/20/2020	9	61	150	150
2/20/2020	10	66	150	150
2/20/2020	11	70	150	150
2/20/2020	12	69	150	150
2/20/2020	13	71	150	150
2/20/2020	14	73	150	150
2/20/2020	15	72	150	150
2/20/2020	16	70	150	150
2/20/2020	17	68	150	150
2/20/2020	18	70	150	150
2/20/2020	19	72	150	150
2/20/2020	20	70	150	150
2/20/2020	21	67	150	150
2/20/2020	22	62	146	146
2/20/2020	23	56	150	150
2/20/2020	24	52	126	126
2/21/2020	1	48	124	124
2/21/2020	2	46	121	121
2/21/2020	3	46	120	120
2/21/2020	4	45	119	119
2/21/2020	5	45	121	121
2/21/2020	6	48	125	125
2/21/2020	7	49	122	122
2/21/2020	8	49	125	125
2/21/2020	9	60	150	150
2/21/2020	10	64	150	150
2/21/2020	11	69	150	150
2/21/2020	12	69	150	150
2/21/2020	13	69	150	150
2/21/2020	14	72	150	150
2/21/2020	15	70	150	150
2/21/2020	16	69	150	150
2/21/2020	17	68	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/21/2020	18	69	150	150
2/21/2020	19	72	150	150
2/21/2020	20	71	150	150
2/21/2020	21	68	150	150
2/21/2020	22	62	147	146
2/21/2020	23	56	150	150
2/21/2020	24	53	127	127
2/22/2020	1	49	121	121
2/22/2020	2	48	119	119
2/22/2020	3	46	118	118
2/22/2020	4	45	117	117
2/22/2020	5	46	117	117
2/22/2020	6	48	119	119
2/22/2020	7	49	120	120
2/22/2020	8	52	122	122
2/22/2020	9	60	148	148
2/22/2020	10	64	150	150
2/22/2020	11	66	150	150
2/22/2020	12	66	150	150
2/22/2020	13	66	150	150
2/22/2020	14	69	150	150
2/22/2020	15	67	150	150
2/22/2020	16	66	150	150
2/22/2020	17	64	150	150
2/22/2020	18	66	150	150
2/22/2020	19	69	150	150
2/22/2020	20	67	150	150
2/22/2020	21	64	150	150
2/22/2020	22	60	150	150
2/22/2020	23	56	150	150
2/22/2020	24	51	150	150
2/23/2020	1	48	114	114
2/23/2020	2	46	114	114
2/23/2020	3	45	112	112
2/23/2020	4	44	110	110
2/23/2020	5	44	110	110
2/23/2020	6	45	113	113
2/23/2020	7	46	113	113
2/23/2020	8	48	115	115
2/23/2020	9	51	134	120
2/23/2020	10	54	134	104
2/23/2020	11	57	134	107
2/23/2020	12	58	134	109
2/23/2020	13	60	134	114
2/23/2020	14	61	134	120
2/23/2020	15	60	134	121
2/23/2020	16	59	134	120
2/23/2020	17	58	134	115
2/23/2020	18	62	140	140
2/23/2020	19	66	140	140
2/23/2020	20	65	140	140
2/23/2020	21	63	140	140
2/23/2020	22	58	132	113
2/23/2020	23	54	132	150
2/23/2020	24	50	117	117
2/24/2020	1	50	120	120
2/24/2020	2	48	118	118
2/24/2020	3	47	116	116
2/24/2020	4	46	115	115
2/24/2020	5	47	115	115
2/24/2020	6	49	118	118
2/24/2020	7	51	120	120
2/24/2020	8	56	121	121
2/24/2020	9	62	126	126
2/24/2020	10	66	123	123

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/24/2020	11	70	126	126
2/24/2020	12	69	128	128
2/24/2020	13	71	132	131
2/24/2020	14	74	140	140
2/24/2020	15	72	137	137
2/24/2020	16	71	132	132
2/24/2020	17	66	127	127
2/24/2020	18	66	127	127
2/24/2020	19	67	132	132
2/24/2020	20	66	129	129
2/24/2020	21	63	127	127
2/24/2020	22	60	132	132
2/24/2020	23	56	129	129
2/24/2020	24	52	125	125
2/25/2020	1	50	122	122
2/25/2020	2	48	120	120
2/25/2020	3	47	118	118
2/25/2020	4	46	117	117
2/25/2020	5	47	119	119
2/25/2020	6	49	124	124
2/25/2020	7	50	121	121
2/25/2020	8	53	123	123
2/25/2020	9	59	150	150
2/25/2020	10	62	150	150
2/25/2020	11	66	150	150
2/25/2020	12	66	150	150
2/25/2020	13	66	150	150
2/25/2020	14	69	150	150
2/25/2020	15	68	150	150
2/25/2020	16	67	150	150
2/25/2020	17	65	149	149
2/25/2020	18	68	150	150
2/25/2020	19	70	150	150
2/25/2020	20	67	150	150
2/25/2020	21	65	150	150
2/25/2020	22	61	145	145
2/25/2020	23	56	150	150
2/25/2020	24	53	150	150
2/26/2020	1	50	122	122
2/26/2020	2	48	120	120
2/26/2020	3	48	119	120
2/26/2020	4	47	118	118
2/26/2020	5	49	130	130
2/26/2020	6	53	135	135
2/26/2020	7	49	121	121
2/26/2020	8	52	125	125
2/26/2020	9	62	150	150
2/26/2020	10	67	150	150
2/26/2020	11	71	150	150
2/26/2020	12	70	150	150
2/26/2020	13	71	150	150
2/26/2020	14	73	150	150
2/26/2020	15	73	150	150
2/26/2020	16	72	150	150
2/26/2020	17	69	150	150
2/26/2020	18	70	150	150
2/26/2020	19	72	150	150
2/26/2020	20	70	150	150
2/26/2020	21	67	150	150
2/26/2020	22	61	147	146
2/26/2020	23	57	147	146
2/26/2020	24	51	146	127
2/27/2020	1	51	121	121
2/27/2020	2	49	119	119
2/27/2020	3	48	119	119

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/27/2020	4	47	119	119
2/27/2020	5	50	119	119
2/27/2020	6	53	121	121
2/27/2020	7	50	121	121
2/27/2020	8	54	147	147
2/27/2020	9	63	150	150
2/27/2020	10	69	150	150
2/27/2020	11	72	150	150
2/27/2020	12	72	150	150
2/27/2020	13	72	150	150
2/27/2020	14	75	150	150
2/27/2020	15	75	150	150
2/27/2020	16	73	150	150
2/27/2020	17	69	150	150
2/27/2020	18	71	150	150
2/27/2020	19	72	150	150
2/27/2020	20	70	150	150
2/27/2020	21	68	150	150
2/27/2020	22	62	150	150
2/27/2020	23	57	150	150
2/27/2020	24	54	149	149
2/28/2020	1	51	122	122
2/28/2020	2	49	119	119
2/28/2020	3	48	118	118
2/28/2020	4	48	116	116
2/28/2020	5	49	119	119
2/28/2020	6	51	122	122
2/28/2020	7	49	119	119
2/28/2020	8	55	134	134
2/28/2020	9	64	150	150
2/28/2020	10	68	150	150
2/28/2020	11	71	150	150
2/28/2020	12	71	150	150
2/28/2020	13	72	150	150
2/28/2020	14	75	150	150
2/28/2020	15	74	150	150
2/28/2020	16	74	150	150
2/28/2020	17	69	150	150
2/28/2020	18	70	150	150
2/28/2020	19	72	150	150
2/28/2020	20	69	150	150
2/28/2020	21	68	150	150
2/28/2020	22	62	150	150
2/28/2020	23	57	150	150
2/28/2020	24	53	150	150
2/29/2020	1	50	122	122
2/29/2020	2	49	116	116
2/29/2020	3	47	114	114
2/29/2020	4	47	113	113
2/29/2020	5	47	113	113
2/29/2020	6	48	115	115
2/29/2020	7	49	117	117
2/29/2020	8	53	127	118
2/29/2020	9	58	144	125
2/29/2020	10	61	139	139
2/29/2020	11	65	144	140
2/29/2020	12	65	146	146
2/29/2020	13	65	148	148
2/29/2020	14	67	149	149
2/29/2020	15	66	144	144
2/29/2020	16	65	144	138
2/29/2020	17	63	144	139
2/29/2020	18	68	150	150
2/29/2020	19	70	150	150
2/29/2020	20	67	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/29/2020	21	65	150	150
2/29/2020	22	61	144	142
2/29/2020	23	56	144	134
2/29/2020	24	52	130	120
3/1/2020	1	50	122	122
3/1/2020	2	48	116	116
3/1/2020	3	46	114	114
3/1/2020	4	46	113	113
3/1/2020	5	46	113	113
3/1/2020	6	47	115	115
3/1/2020	7	48	117	117
3/1/2020	8	49	128	118
3/1/2020	9	52	144	125
3/1/2020	10	56	144	139
3/1/2020	11	58	144	140
3/1/2020	12	59	150	150
3/1/2020	13	61	150	150
3/1/2020	14	62	150	150
3/1/2020	15	61	150	150
3/1/2020	16	60	150	150
3/1/2020	17	59	150	150
3/1/2020	18	62	150	150
3/1/2020	19	66	150	150
3/1/2020	20	65	150	150
3/1/2020	21	63	144	143
3/1/2020	22	60	144	142
3/1/2020	23	54	144	150
3/1/2020	24	53	137	128
3/2/2020	1	50	124	124
3/2/2020	2	48	122	122
3/2/2020	3	47	120	120
3/2/2020	4	46	120	120
3/2/2020	5	49	121	121
3/2/2020	6	53	124	124
3/2/2020	7	49	123	123
3/2/2020	8	55	131	126
3/2/2020	9	64	147	147
3/2/2020	10	70	150	150
3/2/2020	11	73	150	150
3/2/2020	12	72	150	150
3/2/2020	13	73	150	150
3/2/2020	14	75	150	150
3/2/2020	15	74	150	150
3/2/2020	16	73	150	150
3/2/2020	17	70	150	150
3/2/2020	18	70	150	150
3/2/2020	19	73	150	150
3/2/2020	20	70	150	150
3/2/2020	21	68	150	150
3/2/2020	22	62	145	145
3/2/2020	23	58	148	148
3/2/2020	24	53	130	130
3/3/2020	1	49	123	123
3/3/2020	2	47	120	120
3/3/2020	3	46	119	119
3/3/2020	4	46	118	118
3/3/2020	5	47	120	120
3/3/2020	6	50	125	125
3/3/2020	7	48	120	120
3/3/2020	8	52	138	138
3/3/2020	9	61	147	147
3/3/2020	10	66	150	150
3/3/2020	11	69	150	150
3/3/2020	12	67	150	150
3/3/2020	13	68	150	150

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/3/2020	14	73	150	150
3/3/2020	15	72	150	150
3/3/2020	16	71	150	150
3/3/2020	17	68	150	150
3/3/2020	18	69	150	150
3/3/2020	19	70	150	150
3/3/2020	20	68	150	150
3/3/2020	21	66	150	150
3/3/2020	22	60	150	144
3/3/2020	23	56	150	150
3/3/2020	24	53	150	150
3/4/2020	1	49	125	125
3/4/2020	2	47	121	121
3/4/2020	3	46	120	121
3/4/2020	4	45	118	118
3/4/2020	5	48	120	120
3/4/2020	6	51	124	124
3/4/2020	7	49	122	122
3/4/2020	8	55	138	138
3/4/2020	9	64	149	148
3/4/2020	10	68	150	150
3/4/2020	11	72	150	150
3/4/2020	12	71	150	150
3/4/2020	13	71	150	150
3/4/2020	14	73	150	150
3/4/2020	15	72	150	150
3/4/2020	16	72	150	150
3/4/2020	17	69	150	150
3/4/2020	18	69	150	150
3/4/2020	19	71	150	150
3/4/2020	20	68	150	150
3/4/2020	21	66	150	150
3/4/2020	22	61	146	145
3/4/2020	23	57	150	150
3/4/2020	24	52	150	150
3/5/2020	1	49	124	124
3/5/2020	2	48	121	121
3/5/2020	3	46	119	119
3/5/2020	4	46	119	119
3/5/2020	5	49	121	121
3/5/2020	6	51	123	123
3/5/2020	7	48	122	122
3/5/2020	8	53	139	139
3/5/2020	9	62	147	147
3/5/2020	10	66	150	150
3/5/2020	11	70	149	149
3/5/2020	12	70	150	150
3/5/2020	13	72	150	150
3/5/2020	14	74	150	150
3/5/2020	15	73	150	150
3/5/2020	16	72	150	150
3/5/2020	17	68	150	150
3/5/2020	18	70	150	150
3/5/2020	19	72	150	150
3/5/2020	20	70	150	150
3/5/2020	21	66	150	150
3/5/2020	22	60	147	144
3/5/2020	23	56	150	150
3/5/2020	24	52	150	150
3/6/2020	1	50	124	124
3/6/2020	2	48	122	122
3/6/2020	3	47	121	121
3/6/2020	4	46	120	120
3/6/2020	5	48	122	122
3/6/2020	6	51	125	125

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/6/2020	7	48	123	123
3/6/2020	8	53	139	139
3/6/2020	9	63	150	150
3/6/2020	10	67	150	150
3/6/2020	11	71	150	150
3/6/2020	12	71	150	150
3/6/2020	13	71	150	150
3/6/2020	14	73	150	150
3/6/2020	15	72	150	150
3/6/2020	16	71	150	150
3/6/2020	17	68	150	150
3/6/2020	18	70	150	150
3/6/2020	19	72	150	150
3/6/2020	20	70	150	150
3/6/2020	21	67	150	150
3/6/2020	22	62	147	146
3/6/2020	23	57	150	150
3/6/2020	24	52	150	150
3/7/2020	1	50	126	126
3/7/2020	2	49	124	124
3/7/2020	3	47	122	122
3/7/2020	4	47	122	122
3/7/2020	5	47	123	123
3/7/2020	6	49	126	126
3/7/2020	7	50	125	125
3/7/2020	8	53	140	140
3/7/2020	9	58	150	150
3/7/2020	10	61	150	150
3/7/2020	11	65	149	149
3/7/2020	12	64	150	150
3/7/2020	13	65	150	150
3/7/2020	14	67	150	150
3/7/2020	15	67	150	150
3/7/2020	16	65	150	150
3/7/2020	17	63	150	150
3/7/2020	18	66	150	150
3/7/2020	19	69	150	150
3/7/2020	20	67	150	150
3/7/2020	21	64	150	150
3/7/2020	22	60	147	147
3/7/2020	23	55	150	150
3/7/2020	24	51	150	150
3/8/2020	1	49	126	125
3/8/2020	2	47	116	116
3/8/2020	3	46	114	114
3/8/2020	4	45	113	113
3/8/2020	5	45	113	113
3/8/2020	6	47	115	115
3/8/2020	7	47	117	117
3/8/2020	8	48	140	118
3/8/2020	9	51	147	125
3/8/2020	10	55	149	139
3/8/2020	11	57	149	140
3/8/2020	12	59	149	146
3/8/2020	13	60	150	150
3/8/2020	14	61	150	150
3/8/2020	15	61	150	150
3/8/2020	16	60	150	150
3/8/2020	17	59	150	150
3/8/2020	18	62	150	150
3/8/2020	19	66	150	150
3/8/2020	20	65	150	150
3/8/2020	21	63	150	150
3/8/2020	22	60	150	150
3/8/2020	23	55	149	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/8/2020	24	52	133	120
3/9/2020	1	49	133	131
3/9/2020	2	47	132	130
3/9/2020	3	46	120	120
3/9/2020	4	45	120	120
3/9/2020	5	47	126	126
3/9/2020	6	52	144	144
3/9/2020	7	48	133	133
3/9/2020	8	54	142	141
3/9/2020	9	64	150	150
3/9/2020	10	70	150	150
3/9/2020	11	73	150	150
3/9/2020	12	72	150	150
3/9/2020	13	73	150	150
3/9/2020	14	74	150	150
3/9/2020	15	74	150	150
3/9/2020	16	73	150	150
3/9/2020	17	70	150	150
3/9/2020	18	71	150	150
3/9/2020	19	73	150	150
3/9/2020	20	71	150	150
3/9/2020	21	69	150	150
3/9/2020	22	63	150	150
3/9/2020	23	58	148	148
3/9/2020	24	54	144	140
3/10/2020	1	50	124	124
3/10/2020	2	50	122	122
3/10/2020	3	48	119	119
3/10/2020	4	47	118	118
3/10/2020	5	47	120	120
3/10/2020	6	52	124	124
3/10/2020	7	49	122	122
3/10/2020	8	54	138	138
3/10/2020	9	65	150	150
3/10/2020	10	69	150	150
3/10/2020	11	73	150	150
3/10/2020	12	72	150	150
3/10/2020	13	73	150	150
3/10/2020	14	75	150	150
3/10/2020	15	75	150	150
3/10/2020	16	74	150	150
3/10/2020	17	70	150	150
3/10/2020	18	72	150	150
3/10/2020	19	73	150	150
3/10/2020	20	71	150	150
3/10/2020	21	68	150	150
3/10/2020	22	61	150	150
3/10/2020	23	57	150	150
3/10/2020	24	53	150	150
3/11/2020	1	52	123	123
3/11/2020	2	50	122	122
3/11/2020	3	49	120	122
3/11/2020	4	48	118	118
3/11/2020	5	49	120	120
3/11/2020	6	53	122	122
3/11/2020	7	50	119	119
3/11/2020	8	55	136	136
3/11/2020	9	65	150	150
3/11/2020	10	69	150	150
3/11/2020	11	73	150	150
3/11/2020	12	72	150	150
3/11/2020	13	74	150	150
3/11/2020	14	77	150	150
3/11/2020	15	77	150	150
3/11/2020	16	75	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/11/2020	17	72	150	150
3/11/2020	18	72	150	150
3/11/2020	19	74	150	150
3/11/2020	20	73	150	150
3/11/2020	21	70	150	150
3/11/2020	22	65	149	149
3/11/2020	23	60	150	150
3/11/2020	24	56	150	150
3/12/2020	1	50	127	127
3/12/2020	2	48	125	125
3/12/2020	3	46	123	123
3/12/2020	4	46	123	123
3/12/2020	5	48	125	125
3/12/2020	6	51	127	127
3/12/2020	7	48	130	130
3/12/2020	8	54	150	150
3/12/2020	9	64	150	150
3/12/2020	10	69	150	150
3/12/2020	11	73	150	150
3/12/2020	12	72	150	150
3/12/2020	13	74	150	150
3/12/2020	14	77	150	150
3/12/2020	15	76	150	150
3/12/2020	16	74	150	150
3/12/2020	17	70	150	150
3/12/2020	18	70	150	150
3/12/2020	19	73	150	150
3/12/2020	20	70	150	150
3/12/2020	21	67	150	150
3/12/2020	22	61	150	150
3/12/2020	23	58	150	150
3/12/2020	24	53	150	150
3/13/2020	1	49	124	124
3/13/2020	2	46	122	122
3/13/2020	3	46	120	120
3/13/2020	4	46	120	120
3/13/2020	5	48	122	122
3/13/2020	6	51	126	126
3/13/2020	7	48	122	122
3/13/2020	8	54	138	138
3/13/2020	9	64	150	150
3/13/2020	10	69	150	150
3/13/2020	11	73	150	150
3/13/2020	12	73	150	150
3/13/2020	13	73	150	150
3/13/2020	14	75	150	150
3/13/2020	15	74	150	150
3/13/2020	16	73	150	150
3/13/2020	17	69	150	150
3/13/2020	18	70	150	150
3/13/2020	19	73	150	150
3/13/2020	20	71	150	150
3/13/2020	21	68	150	150
3/13/2020	22	62	150	150
3/13/2020	23	57	150	150
3/13/2020	24	54	150	150
4/20/2020	1	54	130	130
4/20/2020	2	52	128	128
4/20/2020	3	51	126	126
4/20/2020	4	49	124	124
4/20/2020	5	49	125	125
4/20/2020	6	54	127	127
4/20/2020	7	53	127	127
4/20/2020	8	59	131	131
4/20/2020	9	67	145	140

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/20/2020	10	73	145	135
4/20/2020	11	77	150	150
4/20/2020	12	77	150	150
4/20/2020	13	77	150	150
4/20/2020	14	79	150	150
4/20/2020	15	77	150	150
4/20/2020	16	74	146	140
4/20/2020	17	70	146	135
4/20/2020	18	70	150	150
4/20/2020	19	71	146	140
4/20/2020	20	68	145	137
4/20/2020	21	66	145	133
4/20/2020	22	63	131	131
4/20/2020	23	58	143	143
4/20/2020	24	56	136	136
5/4/2020	1	55	132	132
5/4/2020	2	53	130	130
5/4/2020	3	52	127	127
5/4/2020	4	51	125	125
5/4/2020	5	52	124	124
5/4/2020	6	54	126	126
5/4/2020	7	53	127	127
5/4/2020	8	60	132	132
5/4/2020	9	68	148	144
5/4/2020	10	74	150	150
5/4/2020	11	76	150	150
5/4/2020	12	77	150	150
5/4/2020	13	77	150	150
5/4/2020	14	79	150	150
5/4/2020	15	78	150	150
5/4/2020	16	75	150	150
5/4/2020	17	71	150	150
5/4/2020	18	70	150	150
5/4/2020	19	71	150	150
5/4/2020	20	70	150	150
5/4/2020	21	68	149	149
5/4/2020	22	65	136	136
5/4/2020	23	61	141	141
5/4/2020	24	58	135	135
6/2/2020	1	53	125	125
6/2/2020	2	51	123	123
6/2/2020	3	50	122	122
6/2/2020	4	48	121	121
6/2/2020	5	48	119	119
6/2/2020	6	48	121	121
6/2/2020	7	50	123	123
6/2/2020	8	57	141	141
6/2/2020	9	64	150	150
6/2/2020	10	68	150	150
6/2/2020	11	72	150	150
6/2/2020	12	72	150	150
6/2/2020	13	73	150	150
6/2/2020	14	74	150	150
6/2/2020	15	73	150	150
6/2/2020	16	70	150	150
6/2/2020	17	62	150	150
6/2/2020	18	63	150	150
6/2/2020	19	66	150	150
6/2/2020	20	66	150	150
6/2/2020	21	66	150	150
6/2/2020	22	62	148	148
6/2/2020	23	58	150	150
6/2/2020	24	56	140	140
6/3/2020	1	52	129	129
6/3/2020	2	50	127	127

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/3/2020	3	49	125	125
6/3/2020	4	48	124	124
6/3/2020	5	48	122	122
6/3/2020	6	49	123	123
6/3/2020	7	50	124	124
6/3/2020	8	56	140	140
6/3/2020	9	63	150	150
6/3/2020	10	67	150	150
6/3/2020	11	71	150	150
6/3/2020	12	70	150	150
6/3/2020	13	72	150	150
6/3/2020	14	74	150	150
6/3/2020	15	70	150	150
6/3/2020	16	67	150	150
6/3/2020	17	61	148	148
6/3/2020	18	62	149	149
6/3/2020	19	63	150	150
6/3/2020	20	63	150	150
6/3/2020	21	63	150	150
6/3/2020	22	59	148	148
6/3/2020	23	55	150	150
6/3/2020	24	53	142	142
6/4/2020	1	50	128	128
6/4/2020	2	48	126	126
6/4/2020	3	47	125	125
6/4/2020	4	45	123	123
6/4/2020	5	46	122	122
6/4/2020	6	47	123	123
6/4/2020	7	48	124	124
6/4/2020	8	53	139	139
6/4/2020	9	61	150	150
6/4/2020	10	65	150	150
6/4/2020	11	68	150	150
6/4/2020	12	67	150	150
6/4/2020	13	68	150	150
6/4/2020	14	72	150	150
6/4/2020	15	68	150	150
6/4/2020	16	66	150	150
6/4/2020	17	61	150	150
6/4/2020	18	61	150	150
6/4/2020	19	63	150	150
6/4/2020	20	62	150	150
6/4/2020	21	61	150	150
6/4/2020	22	58	147	147
6/4/2020	23	54	150	150
6/4/2020	24	51	142	142
6/5/2020	1	53	129	129
6/5/2020	2	51	128	128
6/5/2020	3	49	127	127
6/5/2020	4	48	126	126
6/5/2020	5	48	123	123
6/5/2020	6	49	125	125
6/5/2020	7	50	126	126
6/5/2020	8	55	141	141
6/5/2020	9	62	150	150
6/5/2020	10	66	150	150
6/5/2020	11	70	150	150
6/5/2020	12	69	150	150
6/5/2020	13	71	150	150
6/5/2020	14	73	150	150
6/5/2020	15	71	150	150
6/5/2020	16	67	150	150
6/5/2020	17	61	149	149
6/5/2020	18	62	150	150
6/5/2020	19	65	150	150

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ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/5/2020	20	66	150	150
6/5/2020	21	64	150	150
6/5/2020	22	60	147	145
6/5/2020	23	56	150	150
6/5/2020	24	54	142	142
6/6/2020	1	52	130	130
6/6/2020	2	50	128	128
6/6/2020	3	49	128	128
6/6/2020	4	48	126	126
6/6/2020	5	49	125	125
6/6/2020	6	49	121	121
6/6/2020	7	50	121	121
6/6/2020	8	53	129	129
6/6/2020	9	56	145	145
6/6/2020	10	60	147	147
6/6/2020	11	63	150	150
6/6/2020	12	64	150	150
6/6/2020	13	66	150	150
6/6/2020	14	67	150	150
6/6/2020	15	66	150	150
6/6/2020	16	63	150	150
6/6/2020	17	60	150	150
6/6/2020	18	63	150	150
6/6/2020	19	65	150	150
6/6/2020	20	65	150	150
6/6/2020	21	64	150	150
6/6/2020	22	61	147	147
6/6/2020	23	58	150	150
6/6/2020	24	54	141	141
6/7/2020	1	52	127	127
6/7/2020	2	51	126	126
6/7/2020	3	49	125	125
6/7/2020	4	48	124	124
6/7/2020	5	47	122	122
6/7/2020	6	46	122	122
6/7/2020	7	47	126	121
6/7/2020	8	49	133	133
6/7/2020	9	50	150	150
6/7/2020	10	53	150	150
6/7/2020	11	55	150	150
6/7/2020	12	57	150	150
6/7/2020	13	57	150	150
6/7/2020	14	58	150	150
6/7/2020	15	56	150	150
6/7/2020	16	54	150	150
6/7/2020	17	54	150	150
6/7/2020	18	56	150	150
6/7/2020	19	62	150	150
6/7/2020	20	62	150	150
6/7/2020	21	61	150	150
6/7/2020	22	58	150	150
6/7/2020	23	54	150	
6/7/2020	24	51	144	138
6/8/2020	1	52	130	130
6/8/2020	2	50	128	128
6/8/2020	3	49	126	126
6/8/2020	4	47	126	126
6/8/2020	5	47	123	123
6/8/2020	6	48	126	126
6/8/2020	7	50	126	126
6/8/2020	8	55	140	140
6/8/2020	9	61	150	150
6/8/2020	10	65	150	150
6/8/2020	11	69	150	150
6/8/2020	12	68	150	150

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/8/2020	13	69	150	150
6/8/2020	14	72	150	150
6/8/2020	15	70	150	150
6/8/2020	16	66	150	150
6/8/2020	17	61	150	150
6/8/2020	18	63	150	150
6/8/2020	19	65	150	150
6/8/2020	20	65	150	150
6/8/2020	21	64	148	148
6/8/2020	22	61	145	143
6/8/2020	23	57	150	150
6/8/2020	24	54	145	140
6/9/2020	1	52	128	128
6/9/2020	2	51	127	127
6/9/2020	3	49	125	125
6/9/2020	4	48	126	126
6/9/2020	5	48	125	125
6/9/2020	6	49	125	125
6/9/2020	7	50	125	125
6/9/2020	8	56	141	141
6/9/2020	9	64	150	150
6/9/2020	10	68	150	150
6/9/2020	11	71	150	150
6/9/2020	12	71	150	150
6/9/2020	13	72	150	150
6/9/2020	14	73	150	150
6/9/2020	15	71	150	150
6/9/2020	16	68	150	150
6/9/2020	17	63	150	150
6/9/2020	18	64	150	150
6/9/2020	19	66	148	148
6/9/2020	20	66	148	148
6/9/2020	21	64	147	147
6/9/2020	22	62	145	145
6/9/2020	23	58	150	150
6/9/2020	24	54	139	139
6/10/2020	1	51	125	125
6/10/2020	2	49	125	125
6/10/2020	3	47	124	124
6/10/2020	4	47	123	123
6/10/2020	5	47	123	123
6/10/2020	6	48	125	125
6/10/2020	7	49	125	125
6/10/2020	8	55	141	141
6/10/2020	9	63	150	150
6/10/2020	10	66	150	150
6/10/2020	11	70	150	150
6/10/2020	12	69	150	150
6/10/2020	13	71	150	150
6/10/2020	14	73	150	150
6/10/2020	15	70	150	150
6/10/2020	16	67	150	150
6/10/2020	17	62	150	150
6/10/2020	18	61	150	150
6/10/2020	19	63	148	148
6/10/2020	20	62	148	148
6/10/2020	21	62	147	147
6/10/2020	22	59	147	145
6/10/2020	23	55	150	150
6/10/2020	24	51	138	138
6/11/2020	1	50	126	126
6/11/2020	2	48	126	126
6/11/2020	3	47	124	124
6/11/2020	4	46	124	124
6/11/2020	5	47	123	123

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/11/2020	6	47	125	125
6/11/2020	7	48	125	125
6/11/2020	8	54	142	142
6/11/2020	9	61	150	150
6/11/2020	10	65	150	150
6/11/2020	11	68	150	150
6/11/2020	12	68	150	150
6/11/2020	13	70	150	150
6/11/2020	14	72	150	150
6/11/2020	15	69	150	150
6/11/2020	16	66	150	150
6/11/2020	17	61	150	150
6/11/2020	18	62	150	150
6/11/2020	19	63	148	148
6/11/2020	20	64	148	147
6/11/2020	21	62	148	147
6/11/2020	22	58	148	145
6/11/2020	23	55	150	150
6/11/2020	24	52	139	139
6/12/2020	1	49	126	126
6/12/2020	2	47	125	125
6/12/2020	3	46	124	124
6/12/2020	4	46	123	123
6/12/2020	5	46	123	123
6/12/2020	6	46	125	125
6/12/2020	7	47	125	125
6/12/2020	8	50	141	141
6/12/2020	9	55	150	150
6/12/2020	10	59	150	150
6/12/2020	11	63	150	150
6/12/2020	12	62	150	150
6/12/2020	13	63	150	150
6/12/2020	14	65	150	150
6/12/2020	15	64	150	150
6/12/2020	16	62	150	150
6/12/2020	17	58	150	150
6/12/2020	18	61	150	150
6/12/2020	19	64	148	148
6/12/2020	20	63	148	147
6/12/2020	21	62	147	147
6/12/2020	22	58	148	145
6/12/2020	23	56	150	
6/12/2020	24	52	139	139
6/13/2020	1	51	127	127
6/13/2020	2	48	126	126
6/13/2020	3	47	125	125
6/13/2020	4	48	125	125
6/13/2020	5	47	125	125
6/13/2020	6	48	126	126
6/13/2020	7	48	126	126
6/13/2020	8	52	143	143
6/13/2020	9	56	150	150
6/13/2020	10	60	150	150
6/13/2020	11	62	150	150
6/13/2020	12	62	150	150
6/13/2020	13	64	150	150
6/13/2020	14	65	150	150
6/13/2020	15	64	150	150
6/13/2020	16	61	150	150
6/13/2020	17	57	150	150
6/13/2020	18	61	150	150
6/13/2020	19	63	149	149
6/13/2020	20	62	148	148
6/13/2020	21	61	148	148
6/13/2020	22	57	148	146

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/13/2020	23	55	150	150
6/13/2020	24	52	140	140
6/14/2020	1	51	127	127
6/14/2020	2	49	126	126
6/14/2020	3	48	125	125
6/14/2020	4	46	125	125
6/14/2020	5	46	125	125
6/14/2020	6	46	126	126
6/14/2020	7	47	126	126
6/14/2020	8	46	127	127
6/14/2020	9	49	141	141
6/14/2020	10	53	150	150
6/14/2020	11	55	150	150
6/14/2020	12	56	150	150
6/14/2020	13	56	150	150
6/14/2020	14	57	150	150
6/14/2020	15	54	150	150
6/14/2020	16	53	150	150
6/14/2020	17	53	150	150
6/14/2020	18	56	150	150
6/14/2020	19	58	149	149
6/14/2020	20	59	148	148
6/14/2020	21	57	148	148
6/14/2020	22	55	148	146
6/14/2020	23	52	150	
6/14/2020	24	49	140	140
6/15/2020	1	48	127	127
6/15/2020	2	48	126	126
6/15/2020	3	46	125	125
6/15/2020	4	46	125	125
6/15/2020	5	46	125	125
6/15/2020	6	47	126	126
6/15/2020	7	47	126	126
6/15/2020	8	54	143	143
6/15/2020	9	60	149	149
6/15/2020	10	64	150	150
6/15/2020	11	68	150	150
6/15/2020	12	67	150	150
6/15/2020	13	68	150	150
6/15/2020	14	71	150	150
6/15/2020	15	68	150	150
6/15/2020	16	65	150	150
6/15/2020	17	60	150	150
6/15/2020	18	60	150	150
6/15/2020	19	63	150	150
6/15/2020	20	64	148	148
6/15/2020	21	62	148	148
6/15/2020	22	59	147	146
6/15/2020	23	55	149	149
6/15/2020	24	51	140	140
6/16/2020	1	51	127	127
6/16/2020	2	49	126	126
6/16/2020	3	48	125	125
6/16/2020	4	47	125	125
6/16/2020	5	48	125	125
6/16/2020	6	49	126	126
6/16/2020	7	49	126	126
6/16/2020	8	55	143	143
6/16/2020	9	64	150	150
6/16/2020	10	67	150	150
6/16/2020	11	71	150	150
6/16/2020	12	71	150	150
6/16/2020	13	72	150	150
6/16/2020	14	73	150	150
6/16/2020	15	71	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/16/2020	16	69	150	150
6/16/2020	17	63	150	150
6/16/2020	18	62	150	150
6/16/2020	19	66	150	150
6/16/2020	20	65	148	148
6/16/2020	21	63	148	148
6/16/2020	22	61	148	146
6/16/2020	23	57	150	150
6/16/2020	24	53	140	140
6/17/2020	1	48	125	125
6/17/2020	2	46	124	124
6/17/2020	3	45	118	118
6/17/2020	4	44	118	117
6/17/2020	5	45	121	121
6/17/2020	6	47	123	123
6/17/2020	7	47	123	123
6/17/2020	8	53	141	141
6/17/2020	9	60	150	150
6/17/2020	10	64	150	150
6/17/2020	11	68	150	150
6/17/2020	12	67	150	150
6/17/2020	13	68	150	150
6/17/2020	14	70	150	150
6/17/2020	15	68	150	150
6/17/2020	16	65	150	150
6/17/2020	17	61	150	150
6/17/2020	18	61	150	150
6/17/2020	19	62	149	149
6/17/2020	20	61	149	149
6/17/2020	21	59	148	148
6/17/2020	22	55	146	135
6/17/2020	23	53	147	147
6/17/2020	24	50	130	130
6/18/2020	1	48	121	121
6/18/2020	2	46	120	120
6/18/2020	3	45	119	119
6/18/2020	4	45	118	118
6/18/2020	5	46	118	118
6/18/2020	6	47	119	119
6/18/2020	7	48	119	119
6/18/2020	8	53	135	135
6/18/2020	9	60	150	150
6/18/2020	10	64	150	150
6/18/2020	11	68	150	150
6/18/2020	12	67	150	150
6/18/2020	13	67	150	150
6/18/2020	14	70	150	150
6/18/2020	15	70	150	150
6/18/2020	16	68	150	150
6/18/2020	17	64	150	150
6/18/2020	18	61	150	150
6/18/2020	19	64	148	145
6/18/2020	20	64	148	146
6/18/2020	21	63	148	145
6/18/2020	22	59	147	140
6/18/2020	23	55	150	150
6/18/2020	24	52	133	133
6/19/2020	1	51	124	124
6/19/2020	2	49	122	122
6/19/2020	3	47	120	120
6/19/2020	4	46	120	120
6/19/2020	5	47	120	120
6/19/2020	6	47	120	120
6/19/2020	7	49	121	121
6/19/2020	8	55	138	138

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/19/2020	9	62	150	150
6/19/2020	10	66	150	150
6/19/2020	11	70	150	150
6/19/2020	12	70	150	150
6/19/2020	13	71	150	150
6/19/2020	14	72	150	150
6/19/2020	15	71	150	150
6/19/2020	16	69	150	150
6/19/2020	17	64	150	150
6/19/2020	18	65	150	150
6/19/2020	19	65	148	146
6/19/2020	20	65	148	147
6/19/2020	21	64	148	144
6/19/2020	22	61	148	141
6/19/2020	23	57	150	150
6/19/2020	24	55	135	135
6/20/2020	1	52	125	125
6/20/2020	2	50	124	124
6/20/2020	3	49	121	121
6/20/2020	4	47	120	120
6/20/2020	5	47	119	119
6/20/2020	6	47	120	120
6/20/2020	7	48	120	120
6/20/2020	8	50	139	139
6/20/2020	9	55	150	150
6/20/2020	10	58	150	150
6/20/2020	11	62	150	150
6/20/2020	12	62	150	150
6/20/2020	13	64	150	150
6/20/2020	14	67	150	150
6/20/2020	15	65	150	150
6/20/2020	16	64	150	150
6/20/2020	17	61	150	150
6/20/2020	18	62	150	150
6/20/2020	19	64	147	145
6/20/2020	20	63	147	147
6/20/2020	21	63	147	146
6/20/2020	22	59	147	142
6/20/2020	23	56	150	150
6/20/2020	24	53	135	135
6/21/2020	1	50	125	125
6/21/2020	2	49	124	124
6/21/2020	3	47	121	121
6/21/2020	4	46	116	115
6/21/2020	5	46	116	115
6/21/2020	6	46	115	115
6/21/2020	7	47	113	113
6/21/2020	8	46	105	105
6/21/2020	9	49	116	115
6/21/2020	10	51	145	118
6/21/2020	11	53	147	146
6/21/2020	12	54	150	150
6/21/2020	13	53	150	150
6/21/2020	14	54	150	150
6/21/2020	15	52	150	150
6/21/2020	16	51	150	150
6/21/2020	17	52	150	150
6/21/2020	18	54	150	150
6/21/2020	19	57	147	145
6/21/2020	20	57	147	147
6/21/2020	21	55	147	146
6/21/2020	22	52	147	142
6/21/2020	23	49	146	121
6/21/2020	24	46	111	105
6/22/2020	1	50	125	125

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/22/2020	2	48	124	124
6/22/2020	3	47	119	119
6/22/2020	4	45	115	115
6/22/2020	5	45	115	115
6/22/2020	6	46	115	115
6/22/2020	7	47	120	119
6/22/2020	8	52	139	139
6/22/2020	9	59	150	150
6/22/2020	10	63	150	150
6/22/2020	11	67	150	150
6/22/2020	12	66	150	150
6/22/2020	13	67	150	150
6/22/2020	14	71	150	150
6/22/2020	15	67	150	150
6/22/2020	16	64	150	150
6/22/2020	17	60	150	150
6/22/2020	18	61	150	150
6/22/2020	19	63	147	145
6/22/2020	20	63	147	147
6/22/2020	21	62	147	146
6/22/2020	22	59	147	142
6/22/2020	23	56	150	150
6/22/2020	24	53	135	135
6/23/2020	1	50	123	123
6/23/2020	2	50	122	122
6/23/2020	3	48	121	121
6/23/2020	4	47	120	120
6/23/2020	5	46	120	120
6/23/2020	6	48	122	122
6/23/2020	7	49	121	121
6/23/2020	8	54	136	136
6/23/2020	9	63	150	150
6/23/2020	10	66	148	148
6/23/2020	11	70	150	150
6/23/2020	12	70	150	150
6/23/2020	13	71	150	150
6/23/2020	14	73	150	150
6/23/2020	15	72	150	150
6/23/2020	16	69	150	150
6/23/2020	17	64	149	149
6/23/2020	18	63	147	144
6/23/2020	19	64	148	146
6/23/2020	20	64	148	145
6/23/2020	21	63	148	145
6/23/2020	22	59	148	142
6/23/2020	23	55	150	150
6/23/2020	24	53	134	134
6/24/2020	1	52	126	126
6/24/2020	2	50	125	125
6/24/2020	3	48	123	123
6/24/2020	4	48	122	122
6/24/2020	5	48	122	122
6/24/2020	6	49	124	124
6/24/2020	7	49	124	124
6/24/2020	8	56	139	139
6/24/2020	9	64	150	150
6/24/2020	10	68	150	150
6/24/2020	11	72	150	150
6/24/2020	12	71	150	150
6/24/2020	13	72	150	150
6/24/2020	14	75	150	150
6/24/2020	15	72	150	150
6/24/2020	16	69	150	150
6/24/2020	17	65	150	150
6/24/2020	18	64	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/24/2020	19	67	150	150
6/24/2020	20	65	148	148
6/24/2020	21	64	147	147
6/24/2020	22	61	144	144
6/24/2020	23	57	150	150
6/24/2020	24	53	136	136
6/25/2020	1	52	128	128
6/25/2020	2	51	127	127
6/25/2020	3	49	124	124
6/25/2020	4	48	124	124
6/25/2020	5	49	124	124
6/25/2020	6	50	126	126
6/25/2020	7	51	126	126
6/25/2020	8	56	142	142
6/25/2020	9	65	150	150
6/25/2020	10	70	150	150
6/25/2020	11	73	150	150
6/25/2020	12	72	150	150
6/25/2020	13	70	150	150
6/25/2020	14	74	150	150
6/25/2020	15	71	150	150
6/25/2020	16	68	150	150
6/25/2020	17	65	150	150
6/25/2020	18	64	150	150
6/25/2020	19	66	150	150
6/25/2020	20	65	150	150
6/25/2020	21	63	146	146
6/25/2020	22	60	145	145
6/25/2020	23	57	150	150
6/25/2020	24	52	140	138
6/26/2020	1	52	125	125
6/26/2020	2	51	124	124
6/26/2020	3	48	121	121
6/26/2020	4	48	119	119
6/26/2020	5	48	119	119
6/26/2020	6	49	120	120
6/26/2020	7	50	120	120
6/26/2020	8	56	139	139
6/26/2020	9	64	150	150
6/26/2020	10	68	150	150
6/26/2020	11	71	150	150
6/26/2020	12	71	150	150
6/26/2020	13	71	150	150
6/26/2020	14	74	150	150
6/26/2020	15	72	150	150
6/26/2020	16	69	150	150
6/26/2020	17	65	150	150
6/26/2020	18	62	150	150
6/26/2020	19	66	148	148
6/26/2020	20	66	149	149
6/26/2020	21	64	148	148
6/26/2020	22	62	145	144
6/26/2020	23	58	150	150
6/26/2020	24	54	135	135
6/27/2020	1	48	126	126
6/27/2020	2	47	125	125
6/27/2020	3	46	122	122
6/27/2020	4	45	121	121
6/27/2020	5	46	120	120
6/27/2020	6	46	122	122
6/27/2020	7	47	122	122
6/27/2020	8	50	130	130
6/27/2020	9	54	143	143
6/27/2020	10	58	150	150
6/27/2020	11	60	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/27/2020	12	61	150	150
6/27/2020	13	62	150	150
6/27/2020	14	64	150	150
6/27/2020	15	64	150	150
6/27/2020	16	61	150	150
6/27/2020	17	58	150	150
6/27/2020	18	60	150	150
6/27/2020	19	64	149	149
6/27/2020	20	62	150	150
6/27/2020	21	61	149	149
6/27/2020	22	58	145	145
6/27/2020	23	54	141	141
6/27/2020	24	52	126	126
6/28/2020	1	49	125	125
6/28/2020	2	48	123	123
6/28/2020	3	47	123	123
6/28/2020	4	46	122	122
6/28/2020	5	46	121	121
6/28/2020	6	45	121	121
6/28/2020	7	46	121	121
6/28/2020	8	46	110	110
6/28/2020	9	49	124	124
6/28/2020	10	51	123	123
6/28/2020	11	54	132	132
6/28/2020	12	54	130	130
6/28/2020	13	54	135	135
6/28/2020	14	55	137	136
6/28/2020	15	54	137	136
6/28/2020	16	53	137	137
6/28/2020	17	53	137	137
6/28/2020	18	53	138	138
6/28/2020	19	57	147	147
6/28/2020	20	56	143	143
6/28/2020	21	55	142	142
6/28/2020	22	54	140	140
6/28/2020	23	51	140	139
6/28/2020	24	47	124	123
6/29/2020	1	46	109	108
6/29/2020	2	45	105	105
6/29/2020	3	45	103	103
6/29/2020	4	44	100	100
6/29/2020	5	43	94	94
6/29/2020	6	45	103	103
6/29/2020	7	47	115	115
6/29/2020	8	53	139	139
6/29/2020	9	62	150	150
6/29/2020	10	67	150	150
6/29/2020	11	71	150	150
6/29/2020	12	69	150	150
6/29/2020	13	70	150	150
6/29/2020	14	74	150	150
6/29/2020	15	72	150	150
6/29/2020	16	68	150	150
6/29/2020	17	63	150	150
6/29/2020	18	62	150	150
6/29/2020	19	65	150	150
6/29/2020	20	65	150	150
6/29/2020	21	63	150	150
6/29/2020	22	60	143	143
6/29/2020	23	55	150	150
6/29/2020	24	51	137	137
6/30/2020	1	52	121	121
6/30/2020	2	50	119	119
6/30/2020	3	48	117	117
6/30/2020	4	47	117	117

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/30/2020	5	48	116	116
6/30/2020	6	49	118	118
6/30/2020	7	49	119	119
6/30/2020	8	56	125	125
6/30/2020	9	64	140	140
6/30/2020	10	67	150	150
6/30/2020	11	71	150	150
6/30/2020	12	70	150	150
6/30/2020	13	72	150	150
6/30/2020	14	74	150	150
6/30/2020	15	73	150	150
6/30/2020	16	71	150	150
6/30/2020	17	65	150	150
6/30/2020	18	63	149	149
6/30/2020	19	67	145	145
6/30/2020	20	66	146	146
6/30/2020	21	65	145	145
6/30/2020	22	61	144	144
6/30/2020	23	58	142	142
6/30/2020	24	54	128	128
7/1/2020	1	49	119	119
7/1/2020	2	48	118	118
7/1/2020	3	47	115	115
7/1/2020	4	46	114	114
7/1/2020	5	47	113	113
7/1/2020	6	49	116	116
7/1/2020	7	49	117	117
7/1/2020	8	55	123	123
7/1/2020	9	63	140	140
7/1/2020	10	66	150	150
7/1/2020	11	70	150	150
7/1/2020	12	69	150	150
7/1/2020	13	70	150	150
7/1/2020	14	72	150	150
7/1/2020	15	71	150	150
7/1/2020	16	69	150	150
7/1/2020	17	64	150	150
7/1/2020	18	62	149	149
7/1/2020	19	64	145	145
7/1/2020	20	64	146	146
7/1/2020	21	62	145	145
7/1/2020	22	60	143	143
7/1/2020	23	57	139	139
7/1/2020	24	51	124	124
7/2/2020	1	50	124	124
7/2/2020	2	48	123	123
7/2/2020	3	46	120	120
7/2/2020	4	46	113	113
7/2/2020	5	46	118	118
7/2/2020	6	48	120	120
7/2/2020	7	48	121	121
7/2/2020	8	54	126	126
7/2/2020	9	62	140	140
7/2/2020	10	66	150	150
7/2/2020	11	69	150	150
7/2/2020	12	68	150	150
7/2/2020	13	69	150	150
7/2/2020	14	71	150	150
7/2/2020	15	68	150	150
7/2/2020	16	65	150	150
7/2/2020	17	61	149	149
7/2/2020	18	62	148	148
7/2/2020	19	64	145	145
7/2/2020	20	61	146	146
7/2/2020	21	61	144	144

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/2/2020	22	58	143	143
7/2/2020	23	54	141	141
7/2/2020	24	51	127	127
7/3/2020	1	50	120	120
7/3/2020	2	48	119	119
7/3/2020	3	47	117	117
7/3/2020	4	46	116	116
7/3/2020	5	46	116	116
7/3/2020	6	48	118	118
7/3/2020	7	48	119	119
7/3/2020	8	53	126	126
7/3/2020	9	61	142	142
7/3/2020	10	66	150	150
7/3/2020	11	69	150	150
7/3/2020	12	68	150	150
7/3/2020	13	69	150	150
7/3/2020	14	71	150	150
7/3/2020	15	70	150	150
7/3/2020	16	68	150	150
7/3/2020	17	63	150	150
7/3/2020	18	62	150	150
7/3/2020	19	64	148	148
7/3/2020	20	63	148	148
7/3/2020	21	61	147	147
7/3/2020	22	59	144	144
7/3/2020	23	54	141	141
7/3/2020	24	51	127	127
7/4/2020	1	49	126	126
7/4/2020	2	47	125	125
7/4/2020	3	46	124	124
7/4/2020	4	45	119	119
7/4/2020	5	46	123	123
7/4/2020	6	47	123	123
7/4/2020	7	47	123	123
7/4/2020	8	50	125	125
7/4/2020	9	54	139	139
7/4/2020	10	57	147	147
7/4/2020	11	59	147	147
7/4/2020	12	58	148	148
7/4/2020	13	57	150	150
7/4/2020	14	57	150	150
7/4/2020	15	57	150	150
7/4/2020	16	57	150	150
7/4/2020	17	56	147	147
7/4/2020	18	59	147	147
7/4/2020	19	60	145	145
7/4/2020	20	59	146	146
7/4/2020	21	58	145	145
7/4/2020	22	56	138	130
7/4/2020	23	52	141	131
7/4/2020	24	49	126	126
7/5/2020	1	48	125	125
7/5/2020	2	48	123	123
7/5/2020	3	47	123	123
7/5/2020	4	46	122	122
7/5/2020	5	45	121	121
7/5/2020	6	45	121	121
7/5/2020	7	46	121	121
7/5/2020	8	46	122	122
7/5/2020	9	49	120	120
7/5/2020	10	51	125	125
7/5/2020	11	54	148	148
7/5/2020	12	55	150	150
7/5/2020	13	55	150	150
7/5/2020	14	57	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/5/2020	15	55	150	150
7/5/2020	16	53	145	145
7/5/2020	17	54	145	145
7/5/2020	18	56	142	142
7/5/2020	19	57	147	147
7/5/2020	20	57	143	143
7/5/2020	21	55	142	142
7/5/2020	22	52	140	140
7/5/2020	23	50	150	150
7/5/2020	24	47	137	137
7/6/2020	1	46	150	105
7/6/2020	2	44	150	105
7/6/2020	3	43	150	105
7/6/2020	4	42	150	104
7/6/2020	5	43	150	105
7/6/2020	6	45	150	105
7/6/2020	7	47	150	105
7/6/2020	8	52	150	105
7/6/2020	9	60	150	105
7/6/2020	10	64	150	132
7/6/2020	11	68	150	150
7/6/2020	12	67	150	150
7/6/2020	13	68	150	150
7/6/2020	14	70	150	150
7/6/2020	15	69	150	150
7/6/2020	16	66	150	150
7/6/2020	17	61	150	150
7/6/2020	18	62	150	150
7/6/2020	19	64	150	150
7/6/2020	20	63	150	150
7/6/2020	21	61	150	150
7/6/2020	22	57	150	150
7/6/2020	23	54	150	150
7/6/2020	24	51	150	138
7/7/2020	1	50	150	102
7/7/2020	2	48	150	96
7/7/2020	3	46	150	82
7/7/2020	4	45	150	82
7/7/2020	5	46	150	83
7/7/2020	6	48	150	86
7/7/2020	7	48	150	86
7/7/2020	8	54	150	101
7/7/2020	9	61	150	119
7/7/2020	10	65	150	133
7/7/2020	11	69	150	134
7/7/2020	12	68	150	134
7/7/2020	13	69	150	150
7/7/2020	14	72	150	150
7/7/2020	15	68	150	150
7/7/2020	16	66	150	131
7/7/2020	17	61	150	111
7/7/2020	18	60	150	118
7/7/2020	19	62	150	121
7/7/2020	20	61	150	115
7/7/2020	21	60	150	111
7/7/2020	22	56	150	109
7/7/2020	23	53	150	97
7/7/2020	24	49	150	89
7/8/2020	1	51	150	97
7/8/2020	2	48	150	90
7/8/2020	3	48	150	87
7/8/2020	4	47	150	82
7/8/2020	5	48	150	94
7/8/2020	6	49	150	100
7/8/2020	7	49	150	102

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/8/2020	8	55	150	115
7/8/2020	9	62	150	122
7/8/2020	10	66	150	134
7/8/2020	11	70	150	150
7/8/2020	12	69	150	150
7/8/2020	13	69	150	150
7/8/2020	14	73	150	150
7/8/2020	15	71	150	150
7/8/2020	16	69	150	150
7/8/2020	17	64	150	150
7/8/2020	18	63	150	150
7/8/2020	19	65	150	150
7/8/2020	20	65	150	137
7/8/2020	21	63	150	137
7/8/2020	22	59	150	134
7/8/2020	23	56	150	127
7/8/2020	24	52	150	113
7/9/2020	1	50	150	89
7/9/2020	2	48	150	89
7/9/2020	3	47	150	88
7/9/2020	4	46	150	88
7/9/2020	5	47	150	87
7/9/2020	6	48	150	90
7/9/2020	7	48	150	88
7/9/2020	8	54	150	97
7/9/2020	9	62	150	125
7/9/2020	10	65	150	139
7/9/2020	11	69	150	150
7/9/2020	12	68	150	150
7/9/2020	13	69	150	150
7/9/2020	14	71	150	150
7/9/2020	15	69	150	150
7/9/2020	16	67	150	150
7/9/2020	17	62	150	150
7/9/2020	18	62	150	150
7/9/2020	19	64	150	150
7/9/2020	20	63	150	142
7/9/2020	21	62	150	137
7/9/2020	22	58	150	126
7/9/2020	23	53	150	106
7/9/2020	24	51	150	94
7/10/2020	1	49	150	93
7/10/2020	2	48	150	88
7/10/2020	3	46	150	88
7/10/2020	4	45	150	87
7/10/2020	5	46	150	87
7/10/2020	6	48	150	94
7/10/2020	7	49	150	95
7/10/2020	8	54	150	100
7/10/2020	9	60	150	118
7/10/2020	10	65	150	140
7/10/2020	11	68	150	150
7/10/2020	12	67	150	150
7/10/2020	13	67	150	150
7/10/2020	14	70	150	150
7/10/2020	15	68	150	150
7/10/2020	16	65	150	150
7/10/2020	17	61	150	150
7/10/2020	18	61	150	150
7/10/2020	19	62	150	150
7/10/2020	20	61	150	145
7/10/2020	21	60	150	139
7/10/2020	22	57	150	123
7/10/2020	23	53	150	99
7/10/2020	24	50	150	92

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/11/2020	1	48	150	90
7/11/2020	2	46	147	89
7/11/2020	3	45	147	89
7/11/2020	4	44	147	88
7/11/2020	5	45	147	88
7/11/2020	6	46	147	89
7/11/2020	7	45	147	87
7/11/2020	8	48	147	88
7/11/2020	9	53	147	89
7/11/2020	10	56	147	105
7/11/2020	11	59	147	112
7/11/2020	12	58	147	114
7/11/2020	13	59	147	114
7/11/2020	14	60	147	120
7/11/2020	15	59	147	115
7/11/2020	16	58	147	113
7/11/2020	17	55	146	108
7/11/2020	18	58	150	123
7/11/2020	19	63	150	131
7/11/2020	20	61	150	129
7/11/2020	21	60	150	128
7/11/2020	22	56	150	123
7/11/2020	23	53	150	111
7/11/2020	24	52	150	113
7/12/2020	1	52	147	97
7/12/2020	2	51	147	97
7/12/2020	3	49	147	90
7/12/2020	4	47	147	90
7/12/2020	5	47	147	90
7/12/2020	6	47	147	90
7/12/2020	7	47	147	90
7/12/2020	8	48	147	90
7/12/2020	9	49	147	90
7/12/2020	10	52	147	106
7/12/2020	11	55	147	112
7/12/2020	12	56	147	114
7/12/2020	13	56	147	114
7/12/2020	14	57	147	115
7/12/2020	15	55	147	114
7/12/2020	16	54	147	114
7/12/2020	17	54	146	110
7/12/2020	18	56	146	108
7/12/2020	19	61	146	134
7/12/2020	20	61	147	134
7/12/2020	21	60	147	134
7/12/2020	22	58	147	129
7/12/2020	23	54	147	112
7/12/2020	24	52	147	119
7/13/2020	1	48	150	102
7/13/2020	2	46	150	102
7/13/2020	3	44	150	102
7/13/2020	4	43	150	102
7/13/2020	5	44	150	102
7/13/2020	6	46	150	102
7/13/2020	7	47	150	102
7/13/2020	8	52	150	112
7/13/2020	9	60	150	132
7/13/2020	10	64	150	132
7/13/2020	11	68	150	137
7/13/2020	12	66	150	134
7/13/2020	13	66	150	134
7/13/2020	14	69	150	144
7/13/2020	15	67	150	137
7/13/2020	16	65	150	134
7/13/2020	17	61	149	127

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/13/2020	18	60	149	128
7/13/2020	19	62	149	132
7/13/2020	20	62	150	132
7/13/2020	21	62	150	132
7/13/2020	22	57	150	119
7/13/2020	23	54	150	112
7/13/2020	24	50	150	112
7/14/2020	1	50	149	95
7/14/2020	2	49	149	94
7/14/2020	3	47	149	84
7/14/2020	4	46	149	83
7/14/2020	5	47	149	84
7/14/2020	6	48	149	92
7/14/2020	7	49	149	92
7/14/2020	8	53	149	117
7/14/2020	9	61	149	122
7/14/2020	10	65	149	129
7/14/2020	11	68	149	142
7/14/2020	12	67	149	132
7/14/2020	13	68	149	132
7/14/2020	14	70	149	132
7/14/2020	15	69	149	132
7/14/2020	16	66	149	132
7/14/2020	17	61	149	124
7/14/2020	18	61	149	124
7/14/2020	19	64	149	124
7/14/2020	20	63	149	124
7/14/2020	21	61	149	124
7/14/2020	22	58	149	122
7/14/2020	23	54	149	112
7/14/2020	24	52	149	112
7/15/2020	1	50	149	102
7/15/2020	2	48	149	97
7/15/2020	3	47	149	92
7/15/2020	4	47	149	91
7/15/2020	5	46	149	91
7/15/2020	6	49	149	97
7/15/2020	7	48	149	91
7/15/2020	8	54	149	103
7/15/2020	9	62	149	132
7/15/2020	10	67	149	134
7/15/2020	11	70	149	134
7/15/2020	12	69	149	134
7/15/2020	13	69	149	134
7/15/2020	14	71	149	139
7/15/2020	15	70	149	139
7/15/2020	16	68	149	134
7/15/2020	17	64	149	134
7/15/2020	18	63	149	132
7/15/2020	19	65	149	134
7/15/2020	20	64	149	134
7/15/2020	21	63	149	132
7/15/2020	22	60	149	127
7/15/2020	23	56	149	117
7/15/2020	24	52	149	112
7/16/2020	1	51	149	92
7/16/2020	2	50	149	92
7/16/2020	3	48	149	92
7/16/2020	4	47	149	92
7/16/2020	5	47	149	92
7/16/2020	6	49	149	101
7/16/2020	7	49	149	100
7/16/2020	8	58	149	112
7/16/2020	9	64	149	122
7/16/2020	10	68	149	129

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/16/2020	11	71	149	134
7/16/2020	12	70	149	134
7/16/2020	13	71	149	134
7/16/2020	14	74	149	138
7/16/2020	15	72	149	138
7/16/2020	16	68	149	129
7/16/2020	17	63	149	124
7/16/2020	18	64	149	124
7/16/2020	19	66	149	129
7/16/2020	20	65	149	124
7/16/2020	21	64	149	124
7/16/2020	22	61	149	122
7/16/2020	23	57	149	121
7/16/2020	24	54	149	120
7/17/2020	1	51	149	102
7/17/2020	2	49	149	102
7/17/2020	3	48	149	97
7/17/2020	4	47	149	92
7/17/2020	5	48	149	92
7/17/2020	6	50	149	92
7/17/2020	7	49	149	92
7/17/2020	8	55	149	104
7/17/2020	9	63	149	124
7/17/2020	10	66	149	124
7/17/2020	11	70	149	129
7/17/2020	12	68	149	129
7/17/2020	13	69	149	129
7/17/2020	14	72	149	134
7/17/2020	15	70	149	134
7/17/2020	16	66	149	129
7/17/2020	17	63	149	124
7/17/2020	18	62	149	124
7/17/2020	19	65	149	124
7/17/2020	20	64	149	124
7/17/2020	21	63	149	124
7/17/2020	22	60	149	124
7/17/2020	23	56	149	107
7/17/2020	24	52	149	102
7/18/2020	1	49	150	97
7/18/2020	2	47	150	91
7/18/2020	3	45	150	90
7/18/2020	4	45	150	90
7/18/2020	5	45	150	89
7/18/2020	6	46	150	91
7/18/2020	7	46	150	90
7/18/2020	8	51	150	92
7/18/2020	9	54	150	93
7/18/2020	10	58	150	110
7/18/2020	11	60	150	119
7/18/2020	12	60	150	119
7/18/2020	13	62	150	129
7/18/2020	14	64	150	129
7/18/2020	15	63	150	129
7/18/2020	16	61	150	129
7/18/2020	17	59	150	120
7/18/2020	18	59	150	119
7/18/2020	19	62	150	124
7/18/2020	20	61	150	124
7/18/2020	21	60	150	119
7/18/2020	22	57	150	114
7/18/2020	23	54	150	101
7/18/2020	24	52	150	103
7/19/2020	1	48	150	91
7/19/2020	2	47	150	91
7/19/2020	3	46	150	90

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/19/2020	4	44	150	90
7/19/2020	5	44	150	89
7/19/2020	6	44	150	90
7/19/2020	7	45	150	89
7/19/2020	8	46	150	90
7/19/2020	9	48	150	91
7/19/2020	10	50	150	105
7/19/2020	11	53	150	109
7/19/2020	12	54	150	114
7/19/2020	13	55	150	119
7/19/2020	14	56	150	133
7/19/2020	15	55	150	126
7/19/2020	16	53	150	114
7/19/2020	17	54	150	125
7/19/2020	18	56	150	150
7/19/2020	19	61	150	150
7/19/2020	20	60	150	150
7/19/2020	21	58	150	144
7/19/2020	22	55	150	132
7/19/2020	23	52	150	110
7/19/2020	24	50	150	102
7/20/2020	1	47	150	102
7/20/2020	2	45	150	102
7/20/2020	3	44	150	102
7/20/2020	4	43	150	102
7/20/2020	5	44	150	102
7/20/2020	6	47	150	104
7/20/2020	7	47	150	105
7/20/2020	8	53	150	105
7/20/2020	9	62	150	115
7/20/2020	10	67	150	150
7/20/2020	11	71	150	150
7/20/2020	12	70	150	150
7/20/2020	13	70	150	150
7/20/2020	14	73	150	150
7/20/2020	15	71	150	150
7/20/2020	16	68	150	150
7/20/2020	17	63	150	150
7/20/2020	18	62	150	150
7/20/2020	19	65	150	150
7/20/2020	20	65	150	150
7/20/2020	21	63	150	150
7/20/2020	22	61	150	130
7/20/2020	23	57	150	114
7/20/2020	24	53	150	102
7/21/2020	1	51	150	102
7/21/2020	2	50	150	102
7/21/2020	3	47	150	102
7/21/2020	4	47	150	102
7/21/2020	5	47	150	102
7/21/2020	6	49	150	102
7/21/2020	7	49	150	102
7/21/2020	8	57	150	112
7/21/2020	9	64	150	112
7/21/2020	10	67	150	112
7/21/2020	11	71	150	116
7/21/2020	12	70	150	118
7/21/2020	13	70	150	118
7/21/2020	14	72	150	134
7/21/2020	15	71	150	127
7/21/2020	16	67	150	119
7/21/2020	17	63	150	113
7/21/2020	18	62	150	111
7/21/2020	19	65	150	114
7/21/2020	20	64	150	113

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/21/2020	21	63	150	112
7/21/2020	22	60	150	107
7/21/2020	23	56	150	102
7/21/2020	24	52	150	102
7/22/2020	1	51	150	104
7/22/2020	2	50	150	104
7/22/2020	3	48	150	104
7/22/2020	4	47	150	104
7/22/2020	5	48	150	104
7/22/2020	6	49	150	104
7/22/2020	7	49	150	104
7/22/2020	8	56	150	104
7/22/2020	9	64	150	114
7/22/2020	10	68	150	129
7/22/2020	11	71	150	129
7/22/2020	12	71	150	129
7/22/2020	13	72	150	129
7/22/2020	14	74	150	144
7/22/2020	15	72	150	129
7/22/2020	16	69	150	129
7/22/2020	17	63	150	129
7/22/2020	18	62	150	129
7/22/2020	19	65	150	129
7/22/2020	20	64	150	129
7/22/2020	21	63	150	129
7/22/2020	22	60	150	127
7/22/2020	23	55	150	124
7/22/2020	24	52	150	114
7/23/2020	1	51	149	104
7/23/2020	2	50	149	104
7/23/2020	3	48	149	104
7/23/2020	4	48	149	98
7/23/2020	5	48	149	104
7/23/2020	6	49	149	104
7/23/2020	7	49	149	102
7/23/2020	8	56	149	104
7/23/2020	9	64	149	112
7/23/2020	10	67	149	114
7/23/2020	11	70	149	129
7/23/2020	12	69	149	129
7/23/2020	13	70	149	129
7/23/2020	14	72	149	129
7/23/2020	15	71	149	129
7/23/2020	16	69	149	129
7/23/2020	17	63	149	129
7/23/2020	18	62	149	129
7/23/2020	19	65	149	129
7/23/2020	20	64	149	129
7/23/2020	21	64	149	129
7/23/2020	22	60	149	114
7/23/2020	23	57	149	99
7/23/2020	24	53	149	93
7/24/2020	1	50	150	105
7/24/2020	2	49	150	105
7/24/2020	3	48	150	105
7/24/2020	4	47	150	105
7/24/2020	5	47	150	105
7/24/2020	6	49	150	105
7/24/2020	7	49	150	105
7/24/2020	8	53	150	105
7/24/2020	9	61	150	105
7/24/2020	10	66	150	115
7/24/2020	11	69	150	115
7/24/2020	12	69	150	130
7/24/2020	13	70	150	130

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/24/2020	14	71	150	130
7/24/2020	15	70	150	130
7/24/2020	16	66	150	130
7/24/2020	17	62	150	130
7/24/2020	18	62	149	130
7/24/2020	19	65	150	130
7/24/2020	20	63	150	130
7/24/2020	21	63	150	130
7/24/2020	22	60	150	130
7/24/2020	23	56	150	115
7/24/2020	24	52	150	105
7/25/2020	1	49	150	102
7/25/2020	2	48	150	102
7/25/2020	3	47	150	102
7/25/2020	4	46	150	94
7/25/2020	5	46	150	95
7/25/2020	6	47	150	102
7/25/2020	7	48	150	102
7/25/2020	8	49	150	91
7/25/2020	9	54	150	91
7/25/2020	10	58	150	108
7/25/2020	11	61	150	116
7/25/2020	12	60	150	116
7/25/2020	13	61	150	116
7/25/2020	14	64	150	116
7/25/2020	15	63	150	116
7/25/2020	16	61	150	116
7/25/2020	17	58	150	116
7/25/2020	18	59	150	116
7/25/2020	19	62	150	116
7/25/2020	20	61	150	116
7/25/2020	21	60	150	116
7/25/2020	22	57	150	116
7/25/2020	23	54	150	115
7/25/2020	24	50	150	112
7/26/2020	1	49	150	95
7/26/2020	2	48	150	92
7/26/2020	3	47	150	89
7/26/2020	4	45	150	89
7/26/2020	5	45	150	88
7/26/2020	6	46	150	88
7/26/2020	7	45	150	88
7/26/2020	8	46	150	89
7/26/2020	9	46	150	92
7/26/2020	10	50	150	106
7/26/2020	11	52	150	111
7/26/2020	12	54	150	118
7/26/2020	13	54	150	120
7/26/2020	14	56	150	120
7/26/2020	15	55	150	119
7/26/2020	16	54	150	119
7/26/2020	17	53	150	111
7/26/2020	18	56	150	124
7/26/2020	19	61	150	124
7/26/2020	20	60	150	124
7/26/2020	21	60	150	124
7/26/2020	22	56	150	124
7/26/2020	23	52	150	102
7/26/2020	24	50	150	101
7/27/2020	1	47	150	104
7/27/2020	2	46	150	104
7/27/2020	3	45	150	104
7/27/2020	4	44	150	104
7/27/2020	5	44	150	104
7/27/2020	6	47	150	104

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/27/2020	7	48	150	104
7/27/2020	8	54	150	104
7/27/2020	9	62	150	120
7/27/2020	10	67	150	146
7/27/2020	11	71	150	150
7/27/2020	12	70	150	150
7/27/2020	13	71	150	150
7/27/2020	14	72	150	150
7/27/2020	15	71	150	150
7/27/2020	16	69	150	150
7/27/2020	17	63	150	150
7/27/2020	18	62	150	150
7/27/2020	19	64	150	150
7/27/2020	20	63	150	144
7/27/2020	21	63	150	144
7/27/2020	22	60	150	136
7/27/2020	23	57	150	124
7/27/2020	24	50	150	104
7/28/2020	1	51	150	95
7/28/2020	2	49	150	94
7/28/2020	3	48	150	93
7/28/2020	4	47	150	92
7/28/2020	5	48	150	92
7/28/2020	6	49	150	93
7/28/2020	7	50	150	94
7/28/2020	8	57	150	96
7/28/2020	9	65	150	112
7/28/2020	10	68	150	127
7/28/2020	11	68	150	132
7/28/2020	12	67	150	144
7/28/2020	13	69	150	146
7/28/2020	14	71	150	150
7/28/2020	15	69	150	150
7/28/2020	16	66	150	148
7/28/2020	17	62	150	143
7/28/2020	18	62	150	150
7/28/2020	19	65	150	150
7/28/2020	20	64	150	144
7/28/2020	21	63	150	132
7/28/2020	22	60	150	118
7/28/2020	23	57	150	101
7/28/2020	24	54	150	97
7/29/2020	1	50	150	95
7/29/2020	2	48	150	94
7/29/2020	3	47	150	94
7/29/2020	4	46	150	93
7/29/2020	5	47	150	93
7/29/2020	6	49	150	93
7/29/2020	7	49	150	94
7/29/2020	8	55	150	96
7/29/2020	9	64	150	118
7/29/2020	10	68	150	150
7/29/2020	11	71	150	150
7/29/2020	12	70	150	150
7/29/2020	13	71	150	150
7/29/2020	14	72	150	150
7/29/2020	15	71	150	150
7/29/2020	16	67	150	150
7/29/2020	17	63	150	135
7/29/2020	18	62	150	137
7/29/2020	19	64	150	141
7/29/2020	20	63	150	137
7/29/2020	21	61	150	123
7/29/2020	22	58	150	113
7/29/2020	23	54	150	104

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/29/2020	24	52	150	96
7/30/2020	1	49	150	95
7/30/2020	2	48	150	94
7/30/2020	3	46	150	93
7/30/2020	4	46	150	93
7/30/2020	5	47	150	92
7/30/2020	6	49	150	93
7/30/2020	7	49	150	94
7/30/2020	8	54	150	96
7/30/2020	9	61	150	110
7/30/2020	10	66	150	128
7/30/2020	11	69	150	150
7/30/2020	12	69	150	150
7/30/2020	13	69	150	150
7/30/2020	14	71	150	150
7/30/2020	15	69	150	150
7/30/2020	16	67	150	139
7/30/2020	17	62	150	135
7/30/2020	18	62	150	135
7/30/2020	19	63	150	137
7/30/2020	20	62	150	126
7/30/2020	21	60	150	117
7/30/2020	22	56	150	113
7/30/2020	23	53	150	102
7/30/2020	24	50	150	97
7/31/2020	1	49	150	94
7/31/2020	2	48	150	93
7/31/2020	3	47	150	92
7/31/2020	4	46	150	92
7/31/2020	5	46	150	91
7/31/2020	6	48	150	92
7/31/2020	7	48	150	93
7/31/2020	8	52	150	94
7/31/2020	9	59	150	96
7/31/2020	10	63	150	107
7/31/2020	11	65	150	128
7/31/2020	12	64	150	120
7/31/2020	13	65	150	122
7/31/2020	14	66	150	130
7/31/2020	15	65	150	122
7/31/2020	16	63	150	121
7/31/2020	17	59	150	113
7/31/2020	18	59	150	110
7/31/2020	19	63	150	113
7/31/2020	20	62	150	113
7/31/2020	21	60	150	114
7/31/2020	22	57	150	110
7/31/2020	23	53	150	100
7/31/2020	24	51	150	96
8/1/2020	1	49	150	94
8/1/2020	2	48	150	93
8/1/2020	3	46	150	92
8/1/2020	4	45	150	91
8/1/2020	5	46	150	91
8/1/2020	6	47	150	92
8/1/2020	7	47	150	92
8/1/2020	8	50	150	91
8/1/2020	9	54	150	93
8/1/2020	10	57	150	111
8/1/2020	11	59	150	119
8/1/2020	12	60	150	120
8/1/2020	13	61	150	120
8/1/2020	14	62	150	120
8/1/2020	15	62	150	120
8/1/2020	16	59	150	118

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/1/2020	17	56	150	116
8/1/2020	18	58	150	112
8/1/2020	19	64	150	114
8/1/2020	20	61	150	115
8/1/2020	21	60	150	115
8/1/2020	22	57	150	111
8/1/2020	23	54	150	101
8/1/2020	24	51	150	95
8/2/2020	1	50	150	95
8/2/2020	2	48	150	94
8/2/2020	3	47	150	93
8/2/2020	4	46	150	92
8/2/2020	5	46	150	92
8/2/2020	6	46	150	91
8/2/2020	7	46	150	85
8/2/2020	8	46	150	82
8/2/2020	9	48	150	89
8/2/2020	10	52	150	110
8/2/2020	11	53	150	118
8/2/2020	12	54	150	120
8/2/2020	13	54	150	120
8/2/2020	14	55	150	119
8/2/2020	15	54	150	119
8/2/2020	16	52	150	119
8/2/2020	17	52	150	117
8/2/2020	18	55	150	112
8/2/2020	19	58	150	116
8/2/2020	20	58	150	116
8/2/2020	21	57	150	115
8/2/2020	22	54	150	112
8/2/2020	23	52	150	102
8/2/2020	24	49	150	96
8/3/2020	1	47	150	104
8/3/2020	2	45	150	94
8/3/2020	3	44	150	96
8/3/2020	4	44	150	94
8/3/2020	5	44	150	97
8/3/2020	6	47	150	104
8/3/2020	7	47	150	97
8/3/2020	8	53	150	104
8/3/2020	9	61	150	104
8/3/2020	10	66	150	112
8/3/2020	11	69	150	121
8/3/2020	12	69	150	123
8/3/2020	13	69	150	123
8/3/2020	14	71	150	123
8/3/2020	15	70	150	123
8/3/2020	16	67	150	122
8/3/2020	17	64	150	117
8/3/2020	18	63	150	114
8/3/2020	19	65	150	117
8/3/2020	20	64	150	117
8/3/2020	21	61	150	117
8/3/2020	22	58	150	113
8/3/2020	23	54	150	106
8/3/2020	24	52	150	104
8/4/2020	1	49	123	123
8/4/2020	2	48	122	122
8/4/2020	3	47	115	115
8/4/2020	4	46	115	115
8/4/2020	5	47	115	115
8/4/2020	6	48	122	122
8/4/2020	7	49	115	115
8/4/2020	8	54	126	126
8/4/2020	9	61	145	145

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/4/2020	10	65	150	150
8/4/2020	11	70	150	150
8/4/2020	12	68	150	150
8/4/2020	13	69	150	150
8/4/2020	14	71	150	150
8/4/2020	15	70	150	150
8/4/2020	16	67	150	150
8/4/2020	17	63	150	150
8/4/2020	18	62	149	149
8/4/2020	19	64	147	147
8/4/2020	20	63	147	147
8/4/2020	21	61	146	146
8/4/2020	22	59	144	144
8/4/2020	23	54	140	140
8/4/2020	24	51	130	130
8/5/2020	1	49	124	124
8/5/2020	2	47	115	115
8/5/2020	3	46	115	115
8/5/2020	4	46	115	115
8/5/2020	5	47	115	115
8/5/2020	6	48	121	116
8/5/2020	7	49	116	115
8/5/2020	8	54	127	127
8/5/2020	9	61	145	145
8/5/2020	10	66	150	150
8/5/2020	11	68	150	150
8/5/2020	12	68	150	150
8/5/2020	13	69	150	150
8/5/2020	14	72	150	150
8/5/2020	15	70	150	150
8/5/2020	16	67	150	150
8/5/2020	17	63	150	150
8/5/2020	18	62	150	150
8/5/2020	19	65	148	148
8/5/2020	20	64	148	148
8/5/2020	21	62	147	147
8/5/2020	22	59	144	144
8/5/2020	23	56	150	150
8/5/2020	24	52	135	135
8/6/2020	1	49	122	122
8/6/2020	2	48	120	120
8/6/2020	3	46	106	105
8/6/2020	4	45	105	105
8/6/2020	5	47	115	115
8/6/2020	6	49	118	118
8/6/2020	7	49	116	115
8/6/2020	8	55	125	125
8/6/2020	9	62	144	144
8/6/2020	10	67	150	150
8/6/2020	11	71	150	150
8/6/2020	12	69	150	150
8/6/2020	13	70	150	150
8/6/2020	14	71	150	150
8/6/2020	15	69	150	150
8/6/2020	16	66	150	150
8/6/2020	17	62	150	150
8/6/2020	18	62	150	150
8/6/2020	19	65	149	149
8/6/2020	20	63	150	150
8/6/2020	21	61	148	148
8/6/2020	22	58	144	144
8/6/2020	23	54	135	135
8/6/2020	24	51	128	128
8/7/2020	1	49	117	117
8/7/2020	2	48	114	114

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/7/2020	3	46	112	111
8/7/2020	4	46	108	108
8/7/2020	5	46	112	112
8/7/2020	6	48	115	115
8/7/2020	7	49	116	115
8/7/2020	8	54	121	121
8/7/2020	9	62	142	142
8/7/2020	10	66	150	150
8/7/2020	11	70	150	150
8/7/2020	12	68	150	150
8/7/2020	13	69	145	145
8/7/2020	14	71	150	150
8/7/2020	15	69	150	150
8/7/2020	16	65	150	150
8/7/2020	17	62	150	150
8/7/2020	18	61	150	150
8/7/2020	19	62	146	146
8/7/2020	20	61	147	147
8/7/2020	21	59	144	144
8/7/2020	22	56	141	141
8/7/2020	23	53	130	130
8/7/2020	24	50	126	125
8/8/2020	1	49	150	96
8/8/2020	2	48	150	96
8/8/2020	3	46	150	95
8/8/2020	4	46	150	94
8/8/2020	5	46	150	94
8/8/2020	6	47	150	95
8/8/2020	7	48	150	95
8/8/2020	8	50	150	95
8/8/2020	9	54	150	97
8/8/2020	10	58	150	104
8/8/2020	11	60	150	108
8/8/2020	12	60	150	113
8/8/2020	13	61	150	115
8/8/2020	14	63	150	115
8/8/2020	15	62	150	115
8/8/2020	16	59	150	115
8/8/2020	17	57	150	108
8/8/2020	18	59	150	106
8/8/2020	19	63	150	109
8/8/2020	20	61	150	109
8/8/2020	21	60	150	109
8/8/2020	22	57	150	103
8/8/2020	23	54	150	101
8/8/2020	24	50	150	98
8/9/2020	1	48	148	96
8/9/2020	2	47	147	96
8/9/2020	3	47	144	95
8/9/2020	4	45	124	92
8/9/2020	5	45	124	92
8/9/2020	6	45	124	92
8/9/2020	7	46	117	92
8/9/2020	8	47	115	92
8/9/2020	9	48	115	92
8/9/2020	10	51	125	92
8/9/2020	11	53	130	99
8/9/2020	12	54	141	99
8/9/2020	13	54	141	99
8/9/2020	14	55	150	106
8/9/2020	15	55	150	109
8/9/2020	16	54	150	102
8/9/2020	17	53	150	102
8/9/2020	18	57	150	107
8/9/2020	19	61	150	111

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/9/2020	20	60	150	111
8/9/2020	21	59	149	110
8/9/2020	22	56	149	105
8/9/2020	23	52	136	100
8/9/2020	24	50	142	98
8/10/2020	1	47	150	96
8/10/2020	2	46	150	96
8/10/2020	3	45	150	95
8/10/2020	4	44	145	92
8/10/2020	5	44	150	94
8/10/2020	6	47	150	95
8/10/2020	7	48	150	95
8/10/2020	8	53	150	95
8/10/2020	9	61	150	96
8/10/2020	10	66	150	108
8/10/2020	11	69	150	113
8/10/2020	12	69	150	115
8/10/2020	13	69	150	116
8/10/2020	14	72	150	115
8/10/2020	15	70	150	114
8/10/2020	16	67	150	114
8/10/2020	17	64	150	112
8/10/2020	18	63	150	107
8/10/2020	19	65	150	110
8/10/2020	20	64	150	110
8/10/2020	21	62	150	109
8/10/2020	22	58	150	108
8/10/2020	23	55	150	100
8/10/2020	24	52	150	98
8/11/2020	1	50	150	85
8/11/2020	2	49	150	84
8/11/2020	3	48	150	82
8/11/2020	4	47	150	82
8/11/2020	5	47	150	83
8/11/2020	6	48	150	84
8/11/2020	7	49	150	85
8/11/2020	8	55	150	89
8/11/2020	9	62	150	96
8/11/2020	10	67	150	105
8/11/2020	11	70	150	114
8/11/2020	12	69	150	115
8/11/2020	13	70	150	115
8/11/2020	14	71	150	119
8/11/2020	15	69	150	118
8/11/2020	16	66	150	114
8/11/2020	17	63	150	108
8/11/2020	18	63	150	105
8/11/2020	19	64	150	113
8/11/2020	20	63	150	113
8/11/2020	21	61	150	111
8/11/2020	22	58	150	107
8/11/2020	23	54	150	100
8/11/2020	24	51	150	89
8/12/2020	1	48	148	94
8/12/2020	2	47	148	93
8/12/2020	3	46	137	93
8/12/2020	4	45	129	88
8/12/2020	5	46	147	92
8/12/2020	6	48	147	94
8/12/2020	7	49	147	94
8/12/2020	8	54	148	96
8/12/2020	9	62	148	100
8/12/2020	10	65	148	106
8/12/2020	11	68	148	116
8/12/2020	12	67	148	117

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/12/2020	13	68	148	116
8/12/2020	14	71	148	120
8/12/2020	15	69	148	120
8/12/2020	16	67	148	116
8/12/2020	17	62	147	109
8/12/2020	18	63	147	106
8/12/2020	19	66	147	111
8/12/2020	20	64	148	111
8/12/2020	21	62	148	109
8/12/2020	22	58	148	108
8/12/2020	23	55	148	101
8/12/2020	24	52	148	95
8/13/2020	1	50	150	96
8/13/2020	2	49	150	95
8/13/2020	3	48	150	95
8/13/2020	4	47	150	94
8/13/2020	5	48	150	94
8/13/2020	6	49	149	96
8/13/2020	7	49	150	97
8/13/2020	8	55	150	97
8/13/2020	9	62	150	104
8/13/2020	10	66	150	106
8/13/2020	11	69	150	116
8/13/2020	12	68	150	117
8/13/2020	13	70	150	117
8/13/2020	14	73	150	120
8/13/2020	15	71	150	120
8/13/2020	16	69	150	116
8/13/2020	17	64	150	109
8/13/2020	18	62	149	107
8/13/2020	19	64	150	112
8/13/2020	20	63	150	112
8/13/2020	21	62	150	111
8/13/2020	22	59	150	109
8/13/2020	23	54	150	101
8/13/2020	24	51	150	98
8/14/2020	1	50	150	94
8/14/2020	2	48	150	93
8/14/2020	3	47	150	93
8/14/2020	4	46	150	90
8/14/2020	5	47	150	92
8/14/2020	6	49	149	90
8/14/2020	7	49	150	90
8/14/2020	8	53	150	96
8/14/2020	9	61	150	100
8/14/2020	10	65	150	107
8/14/2020	11	70	150	116
8/14/2020	12	68	150	117
8/14/2020	13	69	150	115
8/14/2020	14	72	150	120
8/14/2020	15	70	150	120
8/14/2020	16	67	150	116
8/14/2020	17	64	150	109
8/14/2020	18	63	149	107
8/14/2020	19	64	150	112
8/14/2020	20	62	150	111
8/14/2020	21	61	150	110
8/14/2020	22	57	150	108
8/14/2020	23	54	150	101
8/14/2020	24	53	150	95
8/15/2020	1	48	150	96
8/15/2020	2	47	150	92
8/15/2020	3	46	150	92
8/15/2020	4	45	150	83
8/15/2020	5	45	150	92

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/15/2020	6	47	149	94
8/15/2020	7	48	150	93
8/15/2020	8	50	150	96
8/15/2020	9	55	150	95
8/15/2020	10	58	150	104
8/15/2020	11	62	150	112
8/15/2020	12	60	150	113
8/15/2020	13	61	150	113
8/15/2020	14	65	150	117
8/15/2020	15	62	150	117
8/15/2020	16	61	150	113
8/15/2020	17	59	150	112
8/15/2020	18	60	149	112
8/15/2020	19	65	150	112
8/15/2020	20	63	150	112
8/15/2020	21	61	150	112
8/15/2020	22	59	150	107
8/15/2020	23	55	150	106
8/15/2020	24	50	150	98
8/16/2020	1	48	150	96
8/16/2020	2	48	150	96
8/16/2020	3	46	150	95
8/16/2020	4	45	150	94
8/16/2020	5	45	150	94
8/16/2020	6	46	150	95
8/16/2020	7	46	150	95
8/16/2020	8	46	150	95
8/16/2020	9	49	150	96
8/16/2020	10	52	150	105
8/16/2020	11	53	150	110
8/16/2020	12	55	150	114
8/16/2020	13	55	150	115
8/16/2020	14	57	150	115
8/16/2020	15	55	150	116
8/16/2020	16	54	150	116
8/16/2020	17	54	150	107
8/16/2020	18	58	150	107
8/16/2020	19	60	150	112
8/16/2020	20	59	150	112
8/16/2020	21	58	150	110
8/16/2020	22	54	150	104
8/16/2020	23	52	150	99
8/16/2020	24	50	150	98
8/17/2020	1	46	148	104
8/17/2020	2	45	148	104
8/17/2020	3	44	148	104
8/17/2020	4	44	148	104
8/17/2020	5	44	148	104
8/17/2020	6	47	148	104
8/17/2020	7	47	148	104
8/17/2020	8	53	148	104
8/17/2020	9	60	148	104
8/17/2020	10	64	148	105
8/17/2020	11	68	148	114
8/17/2020	12	67	148	115
8/17/2020	13	68	148	116
8/17/2020	14	71	148	126
8/17/2020	15	70	148	121
8/17/2020	16	68	148	118
8/17/2020	17	64	148	109
8/17/2020	18	63	148	106
8/17/2020	19	65	148	111
8/17/2020	20	65	148	111
8/17/2020	21	63	148	109
8/17/2020	22	59	148	104

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/17/2020	23	55	148	104
8/17/2020	24	51	148	104
8/18/2020	1	50	150	71
8/18/2020	2	49	150	71
8/18/2020	3	47	150	71
8/18/2020	4	46	150	71
8/18/2020	5	47	150	71
8/18/2020	6	49	150	72
8/18/2020	7	49	150	76
8/18/2020	8	54	150	84
8/18/2020	9	63	150	111
8/18/2020	10	67	150	111
8/18/2020	11	71	150	119
8/18/2020	12	70	150	119
8/18/2020	13	70	150	120
8/18/2020	14	73	150	121
8/18/2020	15	72	150	122
8/18/2020	16	69	150	120
8/18/2020	17	64	150	111
8/18/2020	18	64	150	111
8/18/2020	19	66	150	113
8/18/2020	20	64	150	113
8/18/2020	21	63	150	112
8/18/2020	22	59	150	107
8/18/2020	23	56	150	99
8/18/2020	24	53	150	82
8/19/2020	1	51	150	82
8/19/2020	2	50	150	81
8/19/2020	3	48	150	79
8/19/2020	4	47	150	71
8/19/2020	5	48	149	71
8/19/2020	6	50	149	72
8/19/2020	7	50	149	76
8/19/2020	8	56	150	78
8/19/2020	9	64	150	109
8/19/2020	10	68	150	132
8/19/2020	11	72	150	138
8/19/2020	12	71	150	135
8/19/2020	13	71	150	135
8/19/2020	14	73	150	144
8/19/2020	15	72	150	143
8/19/2020	16	70	150	141
8/19/2020	17	65	149	117
8/19/2020	18	64	149	120
8/19/2020	19	65	149	119
8/19/2020	20	64	150	114
8/19/2020	21	62	150	111
8/19/2020	22	58	150	107
8/19/2020	23	55	150	105
8/19/2020	24	52	150	97
8/20/2020	1	50	150	97
8/20/2020	2	48	150	97
8/20/2020	3	47	150	96
8/20/2020	4	46	150	95
8/20/2020	5	47	150	95
8/20/2020	6	49	150	96
8/20/2020	7	49	150	97
8/20/2020	8	55	150	97
8/20/2020	9	62	150	110
8/20/2020	10	67	150	134
8/20/2020	11	70	150	137
8/20/2020	12	70	150	135
8/20/2020	13	69	150	140
8/20/2020	14	72	150	146
8/20/2020	15	71	150	146

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/20/2020	16	69	150	141
8/20/2020	17	65	150	130
8/20/2020	18	64	150	116
8/20/2020	19	64	150	113
8/20/2020	20	62	150	113
8/20/2020	21	59	150	112
8/20/2020	22	55	150	108
8/20/2020	23	53	150	108
8/20/2020	24	52	150	98
8/21/2020	1	49	150	95
8/21/2020	2	48	150	94
8/21/2020	3	47	150	93
8/21/2020	4	46	150	93
8/21/2020	5	47	150	93
8/21/2020	6	49	150	94
8/21/2020	7	49	150	94
8/21/2020	8	53	150	94
8/21/2020	9	60	150	98
8/21/2020	10	63	150	113
8/21/2020	11	66	150	113
8/21/2020	12	66	150	114
8/21/2020	13	66	150	118
8/21/2020	14	67	150	114
8/21/2020	15	66	150	113
8/21/2020	16	63	150	114
8/21/2020	17	61	150	110
8/21/2020	18	62	150	107
8/21/2020	19	64	150	111
8/21/2020	20	62	150	111
8/21/2020	21	61	150	111
8/21/2020	22	59	150	105
8/21/2020	23	54	150	99
8/21/2020	24	52	150	96
8/22/2020	1	48	150	95
8/22/2020	2	48	150	95
8/22/2020	3	48	150	95
8/22/2020	4	46	150	95
8/22/2020	5	47	149	95
8/22/2020	6	47	149	95
8/22/2020	7	47	149	95
8/22/2020	8	50	150	95
8/22/2020	9	54	150	95
8/22/2020	10	59	150	96
8/22/2020	11	61	150	114
8/22/2020	12	62	150	115
8/22/2020	13	63	150	115
8/22/2020	14	65	150	115
8/22/2020	15	65	150	115
8/22/2020	16	62	150	115
8/22/2020	17	60	149	110
8/22/2020	18	62	149	110
8/22/2020	19	65	149	114
8/22/2020	20	65	150	114
8/22/2020	21	64	150	113
8/22/2020	22	59	150	104
8/22/2020	23	56	150	98
8/22/2020	24	52	150	96
8/23/2020	1	51	121	121
8/23/2020	2	48	120	120
8/23/2020	3	47	119	119
8/23/2020	4	46	118	118
8/23/2020	5	46	118	118
8/23/2020	6	47	120	120
8/23/2020	7	47	121	121
8/23/2020	8	48	118	118

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/23/2020	9	50	125	125
8/23/2020	10	53	139	139
8/23/2020	11	56	150	150
8/23/2020	12	58	150	150
8/23/2020	13	58	150	150
8/23/2020	14	59	150	150
8/23/2020	15	57	150	150
8/23/2020	16	56	150	150
8/23/2020	17	57	147	147
8/23/2020	18	59	146	146
8/23/2020	19	61	147	147
8/23/2020	20	60	146	146
8/23/2020	21	60	146	146
8/23/2020	22	57	143	143
8/23/2020	23	53	150	146
8/23/2020	24	51	133	133
8/24/2020	1	48	121	121
8/24/2020	2	47	120	120
8/24/2020	3	45	119	119
8/24/2020	4	45	118	118
8/24/2020	5	45	118	118
8/24/2020	6	48	120	120
8/24/2020	7	50	121	121
8/24/2020	8	54	130	130
8/24/2020	9	63	134	134
8/24/2020	10	67	139	139
8/24/2020	11	71	150	150
8/24/2020	12	69	150	150
8/24/2020	13	69	150	150
8/24/2020	14	72	150	150
8/24/2020	15	72	150	150
8/24/2020	16	69	150	150
8/24/2020	17	65	147	147
8/24/2020	18	64	146	146
8/24/2020	19	65	147	147
8/24/2020	20	64	146	146
8/24/2020	21	62	146	146
8/24/2020	22	58	143	143
8/24/2020	23	54	150	150
8/24/2020	24	52	133	133
8/25/2020	1	50	126	126
8/25/2020	2	48	125	125
8/25/2020	3	47	123	123
8/25/2020	4	46	123	123
8/25/2020	5	46	124	124
8/25/2020	6	49	125	125
8/25/2020	7	49	125	125
8/25/2020	8	54	131	131
8/25/2020	9	63	148	148
8/25/2020	10	67	150	150
8/25/2020	11	71	150	150
8/25/2020	12	70	150	150
8/25/2020	13	70	150	150
8/25/2020	14	73	150	150
8/25/2020	15	71	150	150
8/25/2020	16	68	150	150
8/25/2020	17	64	150	150
8/25/2020	18	64	150	150
8/25/2020	19	65	149	149
8/25/2020	20	64	149	149
8/25/2020	21	62	149	149
8/25/2020	22	59	146	146
8/25/2020	23	56	150	150
8/25/2020	24	52	138	138
8/26/2020	1	52	122	122

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/26/2020	2	51	120	120
8/26/2020	3	50	118	118
8/26/2020	4	48	117	117
8/26/2020	5	48	118	118
8/26/2020	6	50	120	120
8/26/2020	7	50	121	121
8/26/2020	8	56	127	127
8/26/2020	9	64	144	144
8/26/2020	10	68	150	150
8/26/2020	11	72	150	150
8/26/2020	12	71	150	150
8/26/2020	13	71	150	150
8/26/2020	14	74	150	150
8/26/2020	15	72	150	150
8/26/2020	16	70	150	150
8/26/2020	17	65	150	150
8/26/2020	18	65	150	150
8/26/2020	19	68	148	148
8/26/2020	20	67	149	149
8/26/2020	21	66	149	149
8/26/2020	22	64	143	143
8/26/2020	23	58	150	150
8/26/2020	24	54	135	135
8/27/2020	1	54	126	126
8/27/2020	2	52	125	125
8/27/2020	3	51	122	122
8/27/2020	4	49	121	121
8/27/2020	5	49	122	122
8/27/2020	6	50	124	124
8/27/2020	7	50	124	124
8/27/2020	8	56	131	131
8/27/2020	9	64	145	145
8/27/2020	10	69	150	150
8/27/2020	11	73	150	150
8/27/2020	12	71	150	150
8/27/2020	13	71	150	150
8/27/2020	14	75	150	150
8/27/2020	15	74	150	150
8/27/2020	16	71	150	150
8/27/2020	17	65	150	150
8/27/2020	18	66	150	150
8/27/2020	19	68	150	150
8/27/2020	20	69	150	150
8/27/2020	21	67	147	147
8/27/2020	22	63	145	145
8/27/2020	23	58	150	150
8/27/2020	24	54	138	138
8/28/2020	1	53	126	126
8/28/2020	2	52	125	125
8/28/2020	3	51	122	122
8/28/2020	4	49	121	121
8/28/2020	5	50	122	122
8/28/2020	6	52	124	124
8/28/2020	7	49	124	124
8/28/2020	8	55	131	131
8/28/2020	9	63	142	142
8/28/2020	10	68	150	150
8/28/2020	11	71	150	150
8/28/2020	12	70	149	149
8/28/2020	13	71	150	150
8/28/2020	14	74	150	150
8/28/2020	15	72	150	150
8/28/2020	16	70	150	150
8/28/2020	17	66	148	148
8/28/2020	18	67	149	149

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/28/2020	19	68	146	146
8/28/2020	20	68	145	145
8/28/2020	21	67	144	144
8/28/2020	22	63	142	142
8/28/2020	23	58	150	150
8/28/2020	24	55	139	139
8/29/2020	1	52	114	114
8/29/2020	2	51	116	115
8/29/2020	3	50	111	111
8/29/2020	4	48	110	110
8/29/2020	5	49	115	115
8/29/2020	6	50	122	122
8/29/2020	7	50	118	118
8/29/2020	8	52	121	120
8/29/2020	9	56	128	127
8/29/2020	10	60	141	141
8/29/2020	11	63	150	150
8/29/2020	12	62	150	150
8/29/2020	13	64	150	150
8/29/2020	14	67	150	150
8/29/2020	15	66	150	150
8/29/2020	16	63	150	150
8/29/2020	17	60	150	150
8/29/2020	18	64	150	150
8/29/2020	19	68	148	148
8/29/2020	20	67	147	147
8/29/2020	21	65	146	146
8/29/2020	22	61	144	144
8/29/2020	23	58	150	150
8/29/2020	24	55	141	141
8/30/2020	1	52	129	129
8/30/2020	2	49	127	127
8/30/2020	3	48	126	126
8/30/2020	4	47	125	123
8/30/2020	5	47	125	125
8/30/2020	6	47	125	125
8/30/2020	7	47	125	125
8/30/2020	8	48	125	125
8/30/2020	9	51	134	134
8/30/2020	10	54	139	139
8/30/2020	11	56	150	150
8/30/2020	12	57	150	150
8/30/2020	13	58	150	150
8/30/2020	14	59	150	150
8/30/2020	15	59	150	150
8/30/2020	16	57	150	150
8/30/2020	17	56	150	150
8/30/2020	18	61	150	150
8/30/2020	19	64	148	148
8/30/2020	20	63	147	147
8/30/2020	21	62	146	146
8/30/2020	22	59	144	144
8/30/2020	23	55	150	150
8/30/2020	24	52	141	141
8/31/2020	1	50	126	126
8/31/2020	2	48	124	124
8/31/2020	3	48	121	120
8/31/2020	4	47	118	118
8/31/2020	5	48	124	124
8/31/2020	6	48	115	114
8/31/2020	7	48	110	109
8/31/2020	8	50	111	110
8/31/2020	9	56	129	129
8/31/2020	10	60	141	141
8/31/2020	11	64	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/31/2020	12	64	150	150
8/31/2020	13	65	150	150
8/31/2020	14	68	150	150
8/31/2020	15	66	150	150
8/31/2020	16	63	150	150
8/31/2020	17	59	150	150
8/31/2020	18	63	150	150
8/31/2020	19	67	150	150
8/31/2020	20	66	150	150
8/31/2020	21	65	147	147
8/31/2020	22	62	146	146
8/31/2020	23	58	150	150
8/31/2020	24	54	138	138
9/1/2020	1	51	127	127
9/1/2020	2	49	125	125
9/1/2020	3	47	125	125
9/1/2020	4	47	124	124
9/1/2020	5	49	124	124
9/1/2020	6	50	124	124
9/1/2020	7	49	125	125
9/1/2020	8	55	127	127
9/1/2020	9	64	138	138
9/1/2020	10	69	150	150
9/1/2020	11	73	150	150
9/1/2020	12	71	150	150
9/1/2020	13	72	150	150
9/1/2020	14	76	150	150
9/1/2020	15	73	150	150
9/1/2020	16	70	150	150
9/1/2020	17	64	150	150
9/1/2020	18	65	147	147
9/1/2020	19	68	150	150
9/1/2020	20	68	150	150
9/1/2020	21	67	150	150
9/1/2020	22	63	148	148
9/1/2020	23	58	150	150
9/1/2020	24	54	138	138
9/2/2020	1	54	120	120
9/2/2020	2	52	118	118
9/2/2020	3	50	117	117
9/2/2020	4	49	117	117
9/2/2020	5	49	118	118
9/2/2020	6	50	120	120
9/2/2020	7	50	120	120
9/2/2020	8	55	126	126
9/2/2020	9	64	145	145
9/2/2020	10	68	150	150
9/2/2020	11	73	150	150
9/2/2020	12	71	150	150
9/2/2020	13	72	150	150
9/2/2020	14	76	150	150
9/2/2020	15	74	150	150
9/2/2020	16	71	150	150
9/2/2020	17	64	150	150
9/2/2020	18	65	150	150
9/2/2020	19	68	150	150
9/2/2020	20	68	150	150
9/2/2020	21	67	149	149
9/2/2020	22	63	144	144
9/2/2020	23	58	150	150
9/2/2020	24	54	134	134
9/3/2020	1	53	122	122
9/3/2020	2	51	122	122
9/3/2020	3	50	119	119
9/3/2020	4	49	118	118

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/3/2020	5	50	118	118
9/3/2020	6	51	120	120
9/3/2020	7	51	121	121
9/3/2020	8	56	128	128
9/3/2020	9	64	142	142
9/3/2020	10	69	150	150
9/3/2020	11	71	150	150
9/3/2020	12	71	150	150
9/3/2020	13	72	150	150
9/3/2020	14	74	150	150
9/3/2020	15	73	150	150
9/3/2020	16	70	150	150
9/3/2020	17	65	150	150
9/3/2020	18	67	150	150
9/3/2020	19	68	146	146
9/3/2020	20	67	146	146
9/3/2020	21	66	146	146
9/3/2020	22	63	143	143
9/3/2020	23	59	150	150
9/3/2020	24	56	137	137
9/4/2020	1	53	126	126
9/4/2020	2	51	124	124
9/4/2020	3	50	122	122
9/4/2020	4	49	122	122
9/4/2020	5	49	122	122
9/4/2020	6	50	124	124
9/4/2020	7	49	124	124
9/4/2020	8	54	130	130
9/4/2020	9	63	146	146
9/4/2020	10	68	150	150
9/4/2020	11	70	150	150
9/4/2020	12	69	150	150
9/4/2020	13	70	150	150
9/4/2020	14	73	150	150
9/4/2020	15	71	150	150
9/4/2020	16	69	150	150
9/4/2020	17	64	150	150
9/4/2020	18	65	150	150
9/4/2020	19	67	150	150
9/4/2020	20	66	149	149
9/4/2020	21	65	148	148
9/4/2020	22	61	147	147
9/4/2020	23	58	150	150
9/4/2020	24	55	137	137
9/5/2020	1	52	126	126
9/5/2020	2	51	124	124
9/5/2020	3	49	124	124
9/5/2020	4	48	122	122
9/5/2020	5	48	123	123
9/5/2020	6	48	123	123
9/5/2020	7	48	123	123
9/5/2020	8	51	127	127
9/5/2020	9	56	140	140
9/5/2020	10	60	147	147
9/5/2020	11	63	150	150
9/5/2020	12	63	150	150
9/5/2020	13	64	150	150
9/5/2020	14	67	150	150
9/5/2020	15	65	150	150
9/5/2020	16	62	150	150
9/5/2020	17	60	149	149
9/5/2020	18	64	150	150
9/5/2020	19	66	148	148
9/5/2020	20	65	147	147
9/5/2020	21	63	146	146

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/5/2020	22	59	145	145
9/5/2020	23	56	150	150
9/5/2020	24	53	138	138
9/6/2020	1	50	125	125
9/6/2020	2	48	119	118
9/6/2020	3	47	119	118
9/6/2020	4	46	112	112
9/6/2020	5	46	117	117
9/6/2020	6	46	117	117
9/6/2020	7	46	117	116
9/6/2020	8	48	119	119
9/6/2020	9	51	120	120
9/6/2020	10	54	135	134
9/6/2020	11	57	150	150
9/6/2020	12	56	150	150
9/6/2020	13	57	150	150
9/6/2020	14	57	150	150
9/6/2020	15	56	150	150
9/6/2020	16	55	150	150
9/6/2020	17	54	150	150
9/6/2020	18	59	147	147
9/6/2020	19	62	150	150
9/6/2020	20	62	150	150
9/6/2020	21	61	150	150
9/6/2020	22	59	150	150
9/6/2020	23	55	150	150
9/6/2020	24	52	136	136
9/7/2020	1	49	125	125
9/7/2020	2	47	123	123
9/7/2020	3	46	122	122
9/7/2020	4	45	121	121
9/7/2020	5	45	122	122
9/7/2020	6	47	123	123
9/7/2020	7	48	123	123
9/7/2020	8	53	125	125
9/7/2020	9	63	140	140
9/7/2020	10	68	148	148
9/7/2020	11	71	150	150
9/7/2020	12	70	150	150
9/7/2020	13	70	150	150
9/7/2020	14	73	150	150
9/7/2020	15	72	150	150
9/7/2020	16	69	150	150
9/7/2020	17	65	147	147
9/7/2020	18	65	147	147
9/7/2020	19	68	145	145
9/7/2020	20	68	146	146
9/7/2020	21	67	146	146
9/7/2020	22	64	144	144
9/7/2020	23	60	150	150
9/7/2020	24	56	137	137
9/8/2020	1	54	133	133
9/8/2020	2	52	131	131
9/8/2020	3	50	123	123
9/8/2020	4	49	121	119
9/8/2020	5	50	130	130
9/8/2020	6	50	130	130
9/8/2020	7	50	133	133
9/8/2020	8	57	134	134
9/8/2020	9	65	150	147
9/8/2020	10	70	150	150
9/8/2020	11	73	150	150
9/8/2020	12	72	150	150
9/8/2020	13	72	150	150
9/8/2020	14	75	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/8/2020	15	73	150	150
9/8/2020	16	70	150	150
9/8/2020	17	64	150	150
9/8/2020	18	66	150	150
9/8/2020	19	68	150	150
9/8/2020	20	66	150	150
9/8/2020	21	65	150	150
9/8/2020	22	63	150	150
9/8/2020	23	58	150	150
9/8/2020	24	55	137	137
9/9/2020	1	51	122	122
9/9/2020	2	49	119	119
9/9/2020	3	48	117	117
9/9/2020	4	47	117	117
9/9/2020	5	48	118	118
9/9/2020	6	50	120	120
9/9/2020	7	50	121	121
9/9/2020	8	55	128	128
9/9/2020	9	65	150	150
9/9/2020	10	70	150	150
9/9/2020	11	73	150	150
9/9/2020	12	72	150	150
9/9/2020	13	71	150	150
9/9/2020	14	73	150	150
9/9/2020	15	71	150	150
9/9/2020	16	68	150	150
9/9/2020	17	64	150	150
9/9/2020	18	66	150	150
9/9/2020	19	66	150	150
9/9/2020	20	65	150	150
9/9/2020	21	64	150	150
9/9/2020	22	61	150	150
9/9/2020	23	58	150	150
9/9/2020	24	54	136	136
9/10/2020	1	51	123	123
9/10/2020	2	50	121	121
9/10/2020	3	49	119	119
9/10/2020	4	47	118	118
9/10/2020	5	47	119	119
9/10/2020	6	49	121	121
9/10/2020	7	49	122	122
9/10/2020	8	55	139	139
9/10/2020	9	63	147	147
9/10/2020	10	69	150	150
9/10/2020	11	72	150	150
9/10/2020	12	71	150	150
9/10/2020	13	71	150	150
9/10/2020	14	73	150	150
9/10/2020	15	71	150	150
9/10/2020	16	69	150	150
9/10/2020	17	65	150	150
9/10/2020	18	66	150	150
9/10/2020	19	67	150	150
9/10/2020	20	65	150	150
9/10/2020	21	63	150	150
9/10/2020	22	60	150	150
9/10/2020	23	56	150	150
9/10/2020	24	53	136	136
9/11/2020	1	50	123	123
9/11/2020	2	49	122	122
9/11/2020	3	48	120	120
9/11/2020	4	48	119	119
9/11/2020	5	48	118	118
9/11/2020	6	49	122	122
9/11/2020	7	49	122	122

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/11/2020	8	54	129	129
9/11/2020	9	62	148	148
9/11/2020	10	66	150	150
9/11/2020	11	70	150	150
9/11/2020	12	68	150	150
9/11/2020	13	70	150	150
9/11/2020	14	73	150	150
9/11/2020	15	72	150	150
9/11/2020	16	69	150	150
9/11/2020	17	64	150	150
9/11/2020	18	65	150	150
9/11/2020	19	66	150	150
9/11/2020	20	64	150	150
9/11/2020	21	63	150	150
9/11/2020	22	61	150	150
9/11/2020	23	58	150	150
9/11/2020	24	55	136	136
9/12/2020	1	50	125	125
9/12/2020	2	49	122	122
9/12/2020	3	48	120	120
9/12/2020	4	48	118	118
9/12/2020	5	48	118	118
9/12/2020	6	48	122	122
9/12/2020	7	48	121	121
9/12/2020	8	51	128	128
9/12/2020	9	54	148	148
9/12/2020	10	59	150	150
9/12/2020	11	62	150	150
9/12/2020	12	62	150	150
9/12/2020	13	64	150	150
9/12/2020	14	66	150	150
9/12/2020	15	64	150	150
9/12/2020	16	63	150	150
9/12/2020	17	59	150	150
9/12/2020	18	62	150	150
9/12/2020	19	65	150	150
9/12/2020	20	64	150	150
9/12/2020	21	62	150	150
9/12/2020	22	59	150	150
9/12/2020	23	55	150	150
9/12/2020	24	53	137	137
9/13/2020	1	49	125	125
9/13/2020	2	48	122	122
9/13/2020	3	47	120	120
9/13/2020	4	46	118	118
9/13/2020	5	47	118	118
9/13/2020	6	46	122	122
9/13/2020	7	46	121	121
9/13/2020	8	48	128	128
9/13/2020	9	49	147	147
9/13/2020	10	53	150	150
9/13/2020	11	56	150	150
9/13/2020	12	56	150	150
9/13/2020	13	56	150	150
9/13/2020	14	58	150	150
9/13/2020	15	57	150	150
9/13/2020	16	55	150	150
9/13/2020	17	53	150	150
9/13/2020	18	59	150	150
9/13/2020	19	63	150	150
9/13/2020	20	62	150	150
9/13/2020	21	61	150	150
9/13/2020	22	59	147	147
9/13/2020	23	56	150	150
9/13/2020	24	52	137	137

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/14/2020	1	49	125	125
9/14/2020	2	47	122	122
9/14/2020	3	46	120	120
9/14/2020	4	45	118	118
9/14/2020	5	46	118	118
9/14/2020	6	48	122	122
9/14/2020	7	48	121	121
9/14/2020	8	54	128	128
9/14/2020	9	63	148	148
9/14/2020	10	68	150	150
9/14/2020	11	71	150	150
9/14/2020	12	70	150	150
9/14/2020	13	71	150	150
9/14/2020	14	72	150	150
9/14/2020	15	70	150	150
9/14/2020	16	67	150	150
9/14/2020	17	64	150	150
9/14/2020	18	65	150	150
9/14/2020	19	66	150	150
9/14/2020	20	64	150	150
9/14/2020	21	63	150	150
9/14/2020	22	58	147	147
9/14/2020	23	56	150	150
9/14/2020	24	54	142	142
9/15/2020	1	51	121	121
9/15/2020	2	50	120	120
9/15/2020	3	48	119	119
9/15/2020	4	46	117	117
9/15/2020	5	48	116	116
9/15/2020	6	48	120	120
9/15/2020	7	48	120	120
9/15/2020	8	55	127	127
9/15/2020	9	64	146	146
9/15/2020	10	68	150	150
9/15/2020	11	71	150	150
9/15/2020	12	71	150	150
9/15/2020	13	72	150	150
9/15/2020	14	73	150	150
9/15/2020	15	72	150	150
9/15/2020	16	69	150	150
9/15/2020	17	65	150	150
9/15/2020	18	66	150	150
9/15/2020	19	68	150	150
9/15/2020	20	66	150	150
9/15/2020	21	64	150	150
9/15/2020	22	60	146	146
9/15/2020	23	56	150	150
9/15/2020	24	54	134	134
9/16/2020	1	50	123	123
9/16/2020	2	48	120	120
9/16/2020	3	47	119	119
9/16/2020	4	47	118	118
9/16/2020	5	48	117	117
9/16/2020	6	48	121	121
9/16/2020	7	48	121	121
9/16/2020	8	54	128	128
9/16/2020	9	62	148	148
9/16/2020	10	67	150	150
9/16/2020	11	70	150	150
9/16/2020	12	69	150	150
9/16/2020	13	69	150	150
9/16/2020	14	72	150	150
9/16/2020	15	69	150	150
9/16/2020	16	65	150	150
9/16/2020	17	64	150	150

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/16/2020	18	66	150	150
9/16/2020	19	66	150	150
9/16/2020	20	63	150	150
9/16/2020	21	61	150	150
9/16/2020	22	58	148	148
9/16/2020	23	56	150	150
9/16/2020	24	52	134	134
9/17/2020	1	49	122	122
9/17/2020	2	48	120	120
9/17/2020	3	46	119	119
9/17/2020	4	45	118	118
9/17/2020	5	46	118	118
9/17/2020	6	48	120	120
9/17/2020	7	49	121	121
9/17/2020	8	54	127	127
9/17/2020	9	61	146	146
9/17/2020	10	66	150	150
9/17/2020	11	70	150	150
9/17/2020	12	69	150	150
9/17/2020	13	70	150	150
9/17/2020	14	72	150	150
9/17/2020	15	69	150	150
9/17/2020	16	65	150	150
9/17/2020	17	63	150	150
9/17/2020	18	64	150	150
9/17/2020	19	65	150	150
9/17/2020	20	63	149	149
9/17/2020	21	61	147	147
9/17/2020	22	57	143	143
9/17/2020	23	54	150	150
9/17/2020	24	51	133	133
9/18/2020	1	48	117	117
9/18/2020	2	47	116	116
9/18/2020	3	46	115	115
9/18/2020	4	45	115	115
9/18/2020	5	46	115	115
9/18/2020	6	48	117	117
9/18/2020	7	49	120	120
9/18/2020	8	53	125	125
9/18/2020	9	60	143	143
9/18/2020	10	64	149	149
9/18/2020	11	69	150	150
9/18/2020	12	67	150	150
9/18/2020	13	68	150	150
9/18/2020	14	72	150	150
9/18/2020	15	69	150	150
9/18/2020	16	67	150	150
9/18/2020	17	64	143	143
9/18/2020	18	66	147	147
9/18/2020	19	64	145	145
9/18/2020	20	62	144	144
9/18/2020	21	60	142	142
9/18/2020	22	56	139	139
9/18/2020	23	53	150	150
9/18/2020	24	49	129	129
9/19/2020	1	48	117	117
9/19/2020	2	46	116	116
9/19/2020	3	45	115	115
9/19/2020	4	45	115	115
9/19/2020	5	46	115	115
9/19/2020	6	46	117	117
9/19/2020	7	47	120	120
9/19/2020	8	50	124	124
9/19/2020	9	54	133	133
9/19/2020	10	60	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/19/2020	11	62	150	150
9/19/2020	12	61	150	150
9/19/2020	13	62	150	150
9/19/2020	14	66	150	150
9/19/2020	15	64	150	150
9/19/2020	16	62	150	150
9/19/2020	17	59	148	148
9/19/2020	18	63	147	147
9/19/2020	19	62	145	145
9/19/2020	20	60	146	146
9/19/2020	21	59	143	143
9/19/2020	22	55	140	140
9/19/2020	23	52	150	150
9/19/2020	24	49	134	134
9/20/2020	1	47	125	125
9/20/2020	2	45	124	124
9/20/2020	3	44	115	114
9/20/2020	4	44	112	110
9/20/2020	5	44	112	111
9/20/2020	6	46	122	122
9/20/2020	7	45	111	111
9/20/2020	8	46	110	110
9/20/2020	9	48	110	110
9/20/2020	10	52	131	131
9/20/2020	11	56	140	140
9/20/2020	12	56	150	150
9/20/2020	13	55	150	150
9/20/2020	14	56	150	150
9/20/2020	15	55	150	150
9/20/2020	16	53	150	150
9/20/2020	17	55	150	150
9/20/2020	18	60	150	150
9/20/2020	19	61	150	150
9/20/2020	20	61	150	150
9/20/2020	21	59	149	149
9/20/2020	22	56	148	148
9/20/2020	23	52	140	140
9/20/2020	24	49	136	136
9/22/2020	1	52	121	121
9/22/2020	2	50	119	119
9/22/2020	3	48	119	119
9/22/2020	4	47	118	118
9/22/2020	5	48	117	117
9/22/2020	6	49	120	120
9/22/2020	7	49	120	120
9/22/2020	8	54	126	126
9/22/2020	9	64	144	144
9/22/2020	10	68	150	150
9/22/2020	11	71	150	150
9/22/2020	12	71	150	150
9/22/2020	13	71	150	150
9/22/2020	14	73	150	150
9/22/2020	15	71	150	150
9/22/2020	16	68	150	150
9/22/2020	17	64	150	150
9/22/2020	18	65	150	150
9/22/2020	19	66	150	150
9/22/2020	20	64	150	150
9/22/2020	21	64	150	150
9/22/2020	22	61	143	143
9/22/2020	23	56	147	146
9/22/2020	24	54	132	132
9/23/2020	1	52	122	122
9/23/2020	2	50	121	121
9/23/2020	3	48	121	121

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/23/2020	4	48	120	120
9/23/2020	5	48	119	119
9/23/2020	6	49	122	122
9/23/2020	7	49	123	123
9/23/2020	8	55	127	127
9/23/2020	9	64	144	144
9/23/2020	10	69	150	150
9/23/2020	11	71	150	150
9/23/2020	12	70	150	150
9/23/2020	13	71	150	150
9/23/2020	14	74	150	150
9/23/2020	15	72	150	150
9/23/2020	16	69	150	150
9/23/2020	17	65	150	150
9/23/2020	18	67	150	150
9/23/2020	19	66	150	150
9/23/2020	20	66	149	149
9/23/2020	21	65	147	147
9/23/2020	22	60	144	144
9/23/2020	23	58	150	150
9/23/2020	24	55	135	135
9/24/2020	1	52	123	123
9/24/2020	2	50	121	121
9/24/2020	3	48	121	121
9/24/2020	4	48	120	120
9/24/2020	5	49	119	119
9/24/2020	6	50	122	122
9/24/2020	7	50	123	123
9/24/2020	8	56	128	128
9/24/2020	9	64	146	146
9/24/2020	10	70	150	150
9/24/2020	11	73	150	150
9/24/2020	12	72	150	150
9/24/2020	13	72	150	150
9/24/2020	14	75	150	150
9/24/2020	15	73	150	150
9/24/2020	16	71	150	150
9/24/2020	17	66	150	150
9/24/2020	18	69	150	150
9/24/2020	19	68	150	150
9/24/2020	20	67	148	148
9/24/2020	21	65	144	144
9/24/2020	22	62	143	143
9/24/2020	23	59	150	150
9/24/2020	24	55	134	134
9/25/2020	1	53	126	126
9/25/2020	2	51	124	124
9/25/2020	3	49	123	123
9/25/2020	4	49	123	123
9/25/2020	5	49	122	122
9/25/2020	6	50	124	124
9/25/2020	7	49	125	125
9/25/2020	8	56	129	129
9/25/2020	9	64	147	147
9/25/2020	10	70	150	150
9/25/2020	11	73	150	150
9/25/2020	12	71	150	150
9/25/2020	13	72	150	150
9/25/2020	14	75	150	150
9/25/2020	15	73	150	150
9/25/2020	16	71	150	150
9/25/2020	17	66	150	150
9/25/2020	18	70	150	150
9/25/2020	19	69	150	150
9/25/2020	20	68	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/25/2020	21	66	148	148
9/25/2020	22	64	146	146
9/25/2020	23	60	150	150
9/25/2020	24	56	139	139
9/26/2020	1	53	126	126
9/26/2020	2	51	125	125
9/26/2020	3	50	124	124
9/26/2020	4	48	123	123
9/26/2020	5	48	124	124
9/26/2020	6	49	124	124
9/26/2020	7	49	125	125
9/26/2020	8	51	128	128
9/26/2020	9	56	140	140
9/26/2020	10	61	148	148
9/26/2020	11	64	150	150
9/26/2020	12	64	150	150
9/26/2020	13	64	150	150
9/26/2020	14	66	150	150
9/26/2020	15	65	150	150
9/26/2020	16	63	150	150
9/26/2020	17	60	149	149
9/26/2020	18	64	150	150
9/26/2020	19	66	148	148
9/26/2020	20	64	148	148
9/26/2020	21	63	147	147
9/26/2020	22	60	145	145
9/26/2020	23	56	150	150
9/26/2020	24	53	139	139
9/27/2020	1	51	130	130
9/27/2020	2	49	125	125
9/27/2020	3	48	124	124
9/27/2020	4	47	123	123
9/27/2020	5	47	124	124
9/27/2020	6	46	115	115
9/27/2020	7	46	115	115
9/27/2020	8	46	115	115
9/27/2020	9	49	115	115
9/27/2020	10	53	135	135
9/27/2020	11	56	135	134
9/27/2020	12	56	133	132
9/27/2020	13	56	135	134
9/27/2020	14	56	135	134
9/27/2020	15	55	131	130
9/27/2020	16	54	130	130
9/27/2020	17	53	130	130
9/27/2020	18	60	150	150
9/27/2020	19	62	150	150
9/27/2020	20	62	150	150
9/27/2020	21	61	150	150
9/27/2020	22	58	149	149
9/27/2020	23	55	150	150
9/27/2020	24	52	138	138
9/28/2020	1	49	127	127
9/28/2020	2	48	125	125
9/28/2020	3	47	124	124
9/28/2020	4	46	123	123
9/28/2020	5	47	124	124
9/28/2020	6	48	124	124
9/28/2020	7	48	124	124
9/28/2020	8	54	126	126
9/28/2020	9	63	129	129
9/28/2020	10	68	141	141
9/28/2020	11	70	150	150
9/28/2020	12	70	150	150
9/28/2020	13	71	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/28/2020	14	72	150	150
9/28/2020	15	70	150	150
9/28/2020	16	68	150	150
9/28/2020	17	64	150	150
9/28/2020	18	65	150	150
9/28/2020	19	66	150	150
9/28/2020	20	65	150	150
9/28/2020	21	64	150	150
9/28/2020	22	61	149	149
9/28/2020	23	57	150	150
9/28/2020	24	54	138	138
9/29/2020	1	49	121	120
9/29/2020	2	48	122	121
9/29/2020	3	46	120	120
9/29/2020	4	46	119	119
9/29/2020	5	47	121	121
9/29/2020	6	48	123	123
9/29/2020	7	48	120	120
9/29/2020	8	54	130	130
9/29/2020	9	62	142	142
9/29/2020	10	68	148	148
9/29/2020	11	72	150	150
9/29/2020	12	71	150	150
9/29/2020	13	72	150	150
9/29/2020	14	74	150	150
9/29/2020	15	74	150	150
9/29/2020	16	71	150	150
9/29/2020	17	66	148	148
9/29/2020	18	68	150	150
9/29/2020	19	68	143	143
9/29/2020	20	67	141	140
9/29/2020	21	65	140	140
9/29/2020	22	62	137	137
9/29/2020	23	57	149	149
9/29/2020	24	54	130	130
9/30/2020	1	52	125	125
9/30/2020	2	51	125	125
9/30/2020	3	49	123	123
9/30/2020	4	48	122	122
9/30/2020	5	48	122	122
9/30/2020	6	50	124	124
9/30/2020	7	50	124	124
9/30/2020	8	55	139	139
9/30/2020	9	64	149	149
9/30/2020	10	69	150	150
9/30/2020	11	72	150	150
9/30/2020	12	71	150	150
9/30/2020	13	71	150	150
9/30/2020	14	74	150	150
9/30/2020	15	73	150	150
9/30/2020	16	70	150	150
9/30/2020	17	65	150	150
9/30/2020	18	69	150	150
9/30/2020	19	69	150	150
9/30/2020	20	67	150	150
9/30/2020	21	65	150	150
9/30/2020	22	61	150	150
9/30/2020	23	58	150	150
9/30/2020	24	54	141	141
10/1/2020	1	52	128	128
10/1/2020	2	50	126	126
10/1/2020	3	50	124	124
10/1/2020	4	49	124	124
10/1/2020	5	50	124	124
10/1/2020	6	51	125	125

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/1/2020	7	50	125	125
10/1/2020	8	56	131	131
10/1/2020	9	64	149	149
10/1/2020	10	69	150	150
10/1/2020	11	72	150	150
10/1/2020	12	69	150	150
10/1/2020	13	69	150	150
10/1/2020	14	73	150	150
10/1/2020	15	71	150	150
10/1/2020	16	69	150	150
10/1/2020	17	66	150	150
10/1/2020	18	66	150	150
10/1/2020	19	65	150	150
10/1/2020	20	62	150	150
10/1/2020	21	62	150	150
10/1/2020	22	58	148	148
10/1/2020	23	55	150	150
10/1/2020	24	53	139	139
10/2/2020	1	50	130	130
10/2/2020	2	48	130	130
10/2/2020	3	47	130	130
10/2/2020	4	46	130	130
10/2/2020	5	47	130	130
10/2/2020	6	49	130	130
10/2/2020	7	48	130	130
10/2/2020	8	54	130	129
10/2/2020	9	62	146	146
10/2/2020	10	66	150	150
10/2/2020	11	70	150	150
10/2/2020	12	69	150	150
10/2/2020	13	70	150	150
10/2/2020	14	72	150	150
10/2/2020	15	72	150	150
10/2/2020	16	68	150	150
10/2/2020	17	65	150	150
10/2/2020	18	67	150	150
10/2/2020	19	67	150	150
10/2/2020	20	65	149	149
10/2/2020	21	64	149	149
10/2/2020	22	61	148	148
10/2/2020	23	57	150	150
10/2/2020	24	54	139	139
10/3/2020	1	53	130	130
10/3/2020	2	51	128	128
10/3/2020	3	50	126	126
10/3/2020	4	49	123	123
10/3/2020	5	49	123	123
10/3/2020	6	49	125	125
10/3/2020	7	48	125	125
10/3/2020	8	51	130	130
10/3/2020	9	57	148	148
10/3/2020	10	61	148	148
10/3/2020	11	64	150	150
10/3/2020	12	63	150	150
10/3/2020	13	62	150	150
10/3/2020	14	64	150	150
10/3/2020	15	62	150	149
10/3/2020	16	60	148	148
10/3/2020	17	58	150	150
10/3/2020	18	66	150	150
10/3/2020	19	65	150	150
10/3/2020	20	63	149	149
10/3/2020	21	61	148	148
10/3/2020	22	57	148	148
10/3/2020	23	54	145	145

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/3/2020	24	51	138	138
10/4/2020	1	52	125	125
10/4/2020	2	50	124	124
10/4/2020	3	49	123	123
10/4/2020	4	48	122	122
10/4/2020	5	48	123	123
10/4/2020	6	47	123	123
10/4/2020	7	47	123	123
10/4/2020	8	48	125	125
10/4/2020	9	51	142	142
10/4/2020	10	55	150	150
10/4/2020	11	58	150	150
10/4/2020	12	56	150	150
10/4/2020	13	57	150	150
10/4/2020	14	57	150	150
10/4/2020	15	56	150	150
10/4/2020	16	54	150	150
10/4/2020	17	53	150	150
10/4/2020	18	60	150	150
10/4/2020	19	63	150	150
10/4/2020	20	63	150	150
10/4/2020	21	62	150	150
10/4/2020	22	59	150	150
10/4/2020	23	55	150	150
10/4/2020	24	53	140	140
10/5/2020	1	50	122	121
10/5/2020	2	48	120	120
10/5/2020	3	47	117	117
10/5/2020	4	46	115	115
10/5/2020	5	46	116	115
10/5/2020	6	48	120	120
10/5/2020	7	48	120	120
10/5/2020	8	54	125	125
10/5/2020	9	62	141	141
10/5/2020	10	67	150	150
10/5/2020	11	69	150	150
10/5/2020	12	70	150	150
10/5/2020	13	70	150	150
10/5/2020	14	73	150	150
10/5/2020	15	71	150	150
10/5/2020	16	68	150	150
10/5/2020	17	64	150	150
10/5/2020	18	68	150	150
10/5/2020	19	67	150	150
10/5/2020	20	65	150	150
10/5/2020	21	65	150	150
10/5/2020	22	60	150	150
10/5/2020	23	57	150	150
10/5/2020	24	55	140	140
10/6/2020	1	52	131	131
10/6/2020	2	50	128	128
10/6/2020	3	49	127	127
10/6/2020	4	48	127	127
10/6/2020	5	50	126	126
10/6/2020	6	51	129	129
10/6/2020	7	50	129	129
10/6/2020	8	55	135	135
10/6/2020	9	64	148	148
10/6/2020	10	68	150	150
10/6/2020	11	72	150	150
10/6/2020	12	71	150	150
10/6/2020	13	72	150	150
10/6/2020	14	74	150	150
10/6/2020	15	72	150	150
10/6/2020	16	69	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/6/2020	17	65	150	150
10/6/2020	18	68	150	150
10/6/2020	19	67	150	150
10/6/2020	20	66	150	150
10/6/2020	21	64	150	150
10/6/2020	22	60	150	150
10/6/2020	23	57	150	150
10/6/2020	24	54	143	143
10/7/2020	1	50	128	128
10/7/2020	2	49	127	127
10/7/2020	3	48	127	127
10/7/2020	4	47	125	125
10/7/2020	5	48	126	126
10/7/2020	6	49	127	127
10/7/2020	7	49	127	127
10/7/2020	8	55	132	132
10/7/2020	9	64	146	146
10/7/2020	10	68	150	150
10/7/2020	11	72	150	150
10/7/2020	12	70	150	150
10/7/2020	13	71	150	150
10/7/2020	14	74	150	150
10/7/2020	15	72	150	150
10/7/2020	16	70	150	150
10/7/2020	17	66	150	150
10/7/2020	18	69	150	150
10/7/2020	19	67	150	150
10/7/2020	20	66	150	150
10/7/2020	21	64	150	150
10/7/2020	22	60	150	150
10/7/2020	23	58	150	150
10/7/2020	24	55	143	143
10/8/2020	1	50	124	124
10/8/2020	2	49	123	123
10/8/2020	3	49	122	122
10/8/2020	4	48	121	121
10/8/2020	5	49	121	121
10/8/2020	6	51	124	124
10/8/2020	7	50	124	124
10/8/2020	8	56	131	131
10/8/2020	9	63	146	146
10/8/2020	10	68	150	150
10/8/2020	11	72	150	150
10/8/2020	12	69	150	150
10/8/2020	13	69	150	150
10/8/2020	14	73	150	150
10/8/2020	15	71	150	150
10/8/2020	16	68	150	150
10/8/2020	17	65	150	150
10/8/2020	18	67	150	150
10/8/2020	19	65	150	150
10/8/2020	20	63	150	150
10/8/2020	21	62	149	149
10/8/2020	22	58	147	147
10/8/2020	23	55	150	150
10/8/2020	24	53	141	141
10/9/2020	1	54	150	150
10/9/2020	2	52	150	150
10/9/2020	3	51	150	150
10/9/2020	4	50	150	150
10/9/2020	5	52	150	150
10/9/2020	6	53	150	150
10/9/2020	7	51	150	148
10/9/2020	8	54	150	150
10/9/2020	9	60	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/9/2020	10	64	150	150
10/9/2020	11	68	150	150
10/9/2020	12	68	150	150
10/9/2020	13	69	150	150
10/9/2020	14	70	150	150
10/9/2020	15	69	150	150
10/9/2020	16	68	150	150
10/9/2020	17	66	150	150
10/9/2020	18	71	150	150
10/9/2020	19	67	150	150
10/9/2020	20	66	150	150
10/9/2020	21	64	150	150
10/9/2020	22	60	150	150
10/9/2020	23	58	150	150
10/9/2020	24	54	150	150
10/10/2020	1	49	130	130
10/10/2020	2	48	128	128
10/10/2020	3	46	126	126
10/10/2020	4	45	125	125
10/10/2020	5	45	125	125
10/10/2020	6	48	126	126
10/10/2020	7	46	126	126
10/10/2020	8	50	130	130
10/10/2020	9	55	132	132
10/10/2020	10	59	137	137
10/10/2020	11	62	150	150
10/10/2020	12	62	150	150
10/10/2020	13	62	150	150
10/10/2020	14	64	150	150
10/10/2020	15	62	150	150
10/10/2020	16	60	150	150
10/10/2020	17	59	150	150
10/10/2020	18	65	150	150
10/10/2020	19	64	147	147
10/10/2020	20	63	147	147
10/10/2020	21	61	147	147
10/10/2020	22	57	146	146
10/10/2020	23	54	150	150
10/10/2020	24	51	141	141
10/11/2020	1	48	127	127
10/11/2020	2	47	120	120
10/11/2020	3	45	118	118
10/11/2020	4	45	118	118
10/11/2020	5	45	117	117
10/11/2020	6	45	118	118
10/11/2020	7	46	117	117
10/11/2020	8	46	123	123
10/11/2020	9	48	124	124
10/11/2020	10	52	138	138
10/11/2020	11	55	150	150
10/11/2020	12	55	150	150
10/11/2020	13	55	150	150
10/11/2020	14	56	150	150
10/11/2020	15	54	150	150
10/11/2020	16	53	150	150
10/11/2020	17	52	150	150
10/11/2020	18	61	150	150
10/11/2020	19	60	150	150
10/11/2020	20	60	150	150
10/11/2020	21	59	150	150
10/11/2020	22	55	150	150
10/11/2020	23	54	150	150
10/11/2020	24	51	137	137
10/12/2020	1	49	126	126
10/12/2020	2	48	124	124

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/12/2020	3	47	123	123
10/12/2020	4	46	122	122
10/12/2020	5	47	122	122
10/12/2020	6	48	125	125
10/12/2020	7	48	125	125
10/12/2020	8	54	125	125
10/12/2020	9	62	144	144
10/12/2020	10	67	150	150
10/12/2020	11	70	150	150
10/12/2020	12	70	150	150
10/12/2020	13	70	150	150
10/12/2020	14	72	150	150
10/12/2020	15	70	150	150
10/12/2020	16	68	150	150
10/12/2020	17	64	150	150
10/12/2020	18	67	148	148
10/12/2020	19	66	144	144
10/12/2020	20	65	141	141
10/12/2020	21	63	140	140
10/12/2020	22	58	138	138
10/12/2020	23	57	150	150
10/12/2020	24	53	137	137
10/13/2020	1	51	115	115
10/13/2020	2	50	115	115
10/13/2020	3	49	115	115
10/13/2020	4	48	115	115
10/13/2020	5	49	115	115
10/13/2020	6	51	115	115
10/13/2020	7	50	115	115
10/13/2020	8	55	128	128
10/13/2020	9	63	146	146
10/13/2020	10	68	150	150
10/13/2020	11	71	150	150
10/13/2020	12	70	150	150
10/13/2020	13	70	150	150
10/13/2020	14	73	150	150
10/13/2020	15	72	150	150
10/13/2020	16	69	150	150
10/13/2020	17	65	150	150
10/13/2020	18	67	150	150
10/13/2020	19	66	150	150
10/13/2020	20	65	150	150
10/13/2020	21	63	149	149
10/13/2020	22	60	148	148
10/13/2020	23	57	144	144
10/13/2020	24	53	135	135
10/14/2020	1	50	115	115
10/14/2020	2	48	115	115
10/14/2020	3	47	115	115
10/14/2020	4	46	115	115
10/14/2020	5	47	115	115
10/14/2020	6	49	115	115
10/14/2020	7	48	115	115
10/14/2020	8	54	128	128
10/14/2020	9	62	144	144
10/14/2020	10	67	150	150
10/14/2020	11	70	150	150
10/14/2020	12	69	150	150
10/14/2020	13	70	150	150
10/14/2020	14	72	150	150
10/14/2020	15	72	150	150
10/14/2020	16	69	150	150
10/14/2020	17	66	150	150
10/14/2020	18	69	150	150
10/14/2020	19	68	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/14/2020	20	67	149	149
10/14/2020	21	65	148	148
10/14/2020	22	61	146	146
10/14/2020	23	57	150	150
10/14/2020	24	54	135	135
10/15/2020	1	52	124	124
10/15/2020	2	50	116	115
10/15/2020	3	48	115	115
10/15/2020	4	47	115	115
10/15/2020	5	48	115	115
10/15/2020	6	50	116	115
10/15/2020	7	50	115	115
10/15/2020	8	54	130	130
10/15/2020	9	62	145	145
10/15/2020	10	66	150	150
10/15/2020	11	70	150	150
10/15/2020	12	69	150	150
10/15/2020	13	69	150	150
10/15/2020	14	72	150	150
10/15/2020	15	70	150	150
10/15/2020	16	68	150	150
10/15/2020	17	67	150	150
10/15/2020	18	69	149	149
10/15/2020	19	66	146	146
10/15/2020	20	64	146	146
10/15/2020	21	63	146	146
10/15/2020	22	59	143	143
10/15/2020	23	56	145	145
10/15/2020	24	53	135	135
10/16/2020	1	50	115	115
10/16/2020	2	48	115	115
10/16/2020	3	47	115	115
10/16/2020	4	46	115	115
10/16/2020	5	47	115	115
10/16/2020	6	49	115	115
10/16/2020	7	49	115	115
10/16/2020	8	54	127	127
10/16/2020	9	62	144	144
10/16/2020	10	65	150	150
10/16/2020	11	69	150	150
10/16/2020	12	67	150	150
10/16/2020	13	68	150	150
10/16/2020	14	70	150	150
10/16/2020	15	69	150	150
10/16/2020	16	67	150	150
10/16/2020	17	64	150	150
10/16/2020	18	68	150	150
10/16/2020	19	66	148	148
10/16/2020	20	65	148	148
10/16/2020	21	63	147	147
10/16/2020	22	59	144	144
10/16/2020	23	56	145	145
10/16/2020	24	53	134	133
10/17/2020	1	51	124	124
10/17/2020	2	49	123	123
10/17/2020	3	48	115	115
10/17/2020	4	47	115	115
10/17/2020	5	47	115	115
10/17/2020	6	47	115	115
10/17/2020	7	47	115	115
10/17/2020	8	50	125	125
10/17/2020	9	55	135	135
10/17/2020	10	59	135	135
10/17/2020	11	62	150	150
10/17/2020	12	61	145	145

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/17/2020	13	62	147	147
10/17/2020	14	63	150	150
10/17/2020	15	62	150	150
10/17/2020	16	60	145	145
10/17/2020	17	58	145	145
10/17/2020	18	65	150	150
10/17/2020	19	64	148	148
10/17/2020	20	63	148	148
10/17/2020	21	62	147	147
10/17/2020	22	58	145	145
10/17/2020	23	55	145	145
10/17/2020	24	51	133	133
10/18/2020	1	51	126	126
10/18/2020	2	50	125	125
10/18/2020	3	48	123	123
10/18/2020	4	47	120	119
10/18/2020	5	47	116	116
10/18/2020	6	46	117	116
10/18/2020	7	46	102	102
10/18/2020	8	47	99	99
10/18/2020	9	49	98	97
10/18/2020	10	52	115	115
10/18/2020	11	56	115	115
10/18/2020	12	56	115	115
10/18/2020	13	56	115	115
10/18/2020	14	57	115	115
10/18/2020	15	56	115	115
10/18/2020	16	54	115	115
10/18/2020	17	54	115	115
10/18/2020	18	61	150	150
10/18/2020	19	60	150	150
10/18/2020	20	59	150	150
10/18/2020	21	59	145	142
10/18/2020	22	56	130	130
10/18/2020	23	53	126	125
10/18/2020	24	51	110	110
10/19/2020	1	49	115	115
10/19/2020	2	47	115	115
10/19/2020	3	46	115	115
10/19/2020	4	45	110	110
10/19/2020	5	46	112	112
10/19/2020	6	48	115	115
10/19/2020	7	48	115	115
10/19/2020	8	54	124	124
10/19/2020	9	63	139	139
10/19/2020	10	67	150	150
10/19/2020	11	69	150	150
10/19/2020	12	70	150	150
10/19/2020	13	70	150	150
10/19/2020	14	72	150	150
10/19/2020	15	71	150	150
10/19/2020	16	68	150	150
10/19/2020	17	65	150	150
10/19/2020	18	68	150	150
10/19/2020	19	67	150	150
10/19/2020	20	65	150	150
10/19/2020	21	64	150	150
10/19/2020	22	59	150	150
10/19/2020	23	57	145	145
10/19/2020	24	54	139	139
10/20/2020	1	50	116	116
10/20/2020	2	49	115	115
10/20/2020	3	48	114	114
10/20/2020	4	47	113	113
10/20/2020	5	47	114	114

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/20/2020	6	50	115	115
10/20/2020	7	50	115	115
10/20/2020	8	54	120	120
10/20/2020	9	63	138	138
10/20/2020	10	66	147	147
10/20/2020	11	70	150	150
10/20/2020	12	67	150	150
10/20/2020	13	69	150	150
10/20/2020	14	71	150	150
10/20/2020	15	69	150	150
10/20/2020	16	67	150	150
10/20/2020	17	64	146	146
10/20/2020	18	67	145	145
10/20/2020	19	65	142	142
10/20/2020	20	63	139	139
10/20/2020	21	61	138	138
10/20/2020	22	57	135	135
10/20/2020	23	54	149	149
10/20/2020	24	51	128	128
10/21/2020	1	50	118	118
10/21/2020	2	49	116	116
10/21/2020	3	47	115	115
10/21/2020	4	46	117	117
10/21/2020	5	47	115	115
10/21/2020	6	51	116	116
10/21/2020	7	50	116	116
10/21/2020	8	55	122	122
10/21/2020	9	63	136	136
10/21/2020	10	67	147	147
10/21/2020	11	70	148	148
10/21/2020	12	68	150	150
10/21/2020	13	69	150	150
10/21/2020	14	72	150	150
10/21/2020	15	71	150	150
10/21/2020	16	68	149	149
10/21/2020	17	65	142	142
10/21/2020	18	68	140	140
10/21/2020	19	67	136	136
10/21/2020	20	65	136	136
10/21/2020	21	63	135	135
10/21/2020	22	59	135	135
10/21/2020	23	56	144	144
10/21/2020	24	53	129	129
10/22/2020	1	51	116	116
10/22/2020	2	49	116	116
10/22/2020	3	48	115	115
10/22/2020	4	47	113	113
10/22/2020	5	48	115	115
10/22/2020	6	50	117	117
10/22/2020	7	49	116	116
10/22/2020	8	55	123	123
10/22/2020	9	63	143	143
10/22/2020	10	67	150	150
10/22/2020	11	70	150	150
10/22/2020	12	69	150	150
10/22/2020	13	69	150	150
10/22/2020	14	72	150	150
10/22/2020	15	70	150	150
10/22/2020	16	68	150	150
10/22/2020	17	67	149	149
10/22/2020	18	70	150	150
10/22/2020	19	66	146	146
10/22/2020	20	65	147	147
10/22/2020	21	63	145	145
10/22/2020	22	59	143	143

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/22/2020	23	56	150	150
10/22/2020	24	53	135	135
10/23/2020	1	49	114	114
10/23/2020	2	48	111	111
10/23/2020	3	47	98	98
10/23/2020	4	46	95	94
10/23/2020	5	47	112	112
10/23/2020	6	49	115	115
10/23/2020	7	49	114	114
10/23/2020	8	55	120	120
10/23/2020	9	62	128	128
10/23/2020	10	67	140	140
10/23/2020	11	71	150	150
10/23/2020	12	69	150	150
10/23/2020	13	70	150	150
10/23/2020	14	72	150	150
10/23/2020	15	71	150	150
10/23/2020	16	68	149	149
10/23/2020	17	65	149	149
10/23/2020	18	68	150	150
10/23/2020	19	66	144	144
10/23/2020	20	65	143	143
10/23/2020	21	64	142	142
10/23/2020	22	61	138	138
10/23/2020	23	56	150	150
10/23/2020	24	52	133	133
10/24/2020	1	51	121	121
10/24/2020	2	50	120	120
10/24/2020	3	48	119	119
10/24/2020	4	47	114	114
10/24/2020	5	48	119	119
10/24/2020	6	49	121	121
10/24/2020	7	48	104	104
10/24/2020	8	52	125	125
10/24/2020	9	57	128	128
10/24/2020	10	61	140	140
10/24/2020	11	64	150	150
10/24/2020	12	63	150	150
10/24/2020	13	65	150	150
10/24/2020	14	65	150	150
10/24/2020	15	63	150	150
10/24/2020	16	61	150	150
10/24/2020	17	61	150	150
10/24/2020	18	68	150	150
10/24/2020	19	66	145	145
10/24/2020	20	63	144	144
10/24/2020	21	62	141	141
10/24/2020	22	58	137	137
10/24/2020	23	55	150	150
10/24/2020	24	53	134	134
10/25/2020	1	51	115	115
10/25/2020	2	50	115	115
10/25/2020	3	48	114	113
10/25/2020	4	47	108	107
10/25/2020	5	47	105	105
10/25/2020	6	47	108	107
10/25/2020	7	47	105	105
10/25/2020	8	48	110	110
10/25/2020	9	51	130	130
10/25/2020	10	54	140	140
10/25/2020	11	57	145	145
10/25/2020	12	55	140	140
10/25/2020	13	56	140	140
10/25/2020	14	56	140	140
10/25/2020	15	56	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/25/2020	16	54	135	135
10/25/2020	17	55	140	140
10/25/2020	18	62	148	148
10/25/2020	19	61	140	139
10/25/2020	20	60	140	140
10/25/2020	21	58	140	140
10/25/2020	22	55	137	137
10/25/2020	23	53	135	135
10/25/2020	24	50	125	124
10/26/2020	1	50	126	126
10/26/2020	2	48	116	116
10/26/2020	3	47	110	109
10/26/2020	4	46	105	105
10/26/2020	5	46	109	108
10/26/2020	6	48	120	119
10/26/2020	7	48	125	122
10/26/2020	8	54	130	130
10/26/2020	9	62	146	146
10/26/2020	10	67	150	150
10/26/2020	11	70	150	150
10/26/2020	12	70	150	150
10/26/2020	13	70	150	150
10/26/2020	14	72	150	150
10/26/2020	15	71	150	150
10/26/2020	16	68	150	150
10/26/2020	17	65	150	150
10/26/2020	18	69	150	150
10/26/2020	19	67	149	149
10/26/2020	20	65	147	147
10/26/2020	21	64	144	144
10/26/2020	22	60	142	142
10/26/2020	23	57	150	150
10/26/2020	24	54	137	137
10/27/2020	1	50	110	110
10/27/2020	2	49	105	105
10/27/2020	3	48	105	105
10/27/2020	4	47	105	105
10/27/2020	5	48	105	105
10/27/2020	6	49	110	110
10/27/2020	7	49	105	105
10/27/2020	8	55	122	122
10/27/2020	9	63	138	138
10/27/2020	10	67	150	150
10/27/2020	11	70	150	150
10/27/2020	12	69	150	150
10/27/2020	13	69	150	150
10/27/2020	14	71	150	150
10/27/2020	15	71	150	150
10/27/2020	16	68	150	150
10/27/2020	17	66	150	150
10/27/2020	18	68	150	150
10/27/2020	19	66	147	147
10/27/2020	20	63	145	145
10/27/2020	21	63	144	144
10/27/2020	22	59	140	140
10/27/2020	23	56	145	145
10/27/2020	24	53	125	125
10/28/2020	1	50	105	105
10/28/2020	2	49	105	105
10/28/2020	3	47	105	105
10/28/2020	4	46	105	105
10/28/2020	5	47	105	105
10/28/2020	6	50	110	110
10/28/2020	7	49	110	110
10/28/2020	8	55	120	119

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/28/2020	9	63	140	140
10/28/2020	10	66	150	150
10/28/2020	11	70	150	150
10/28/2020	12	69	150	150
10/28/2020	13	70	150	150
10/28/2020	14	72	150	150
10/28/2020	15	71	150	150
10/28/2020	16	68	150	150
10/28/2020	17	65	150	150
10/28/2020	18	69	150	150
10/28/2020	19	67	150	150
10/28/2020	20	66	150	150
10/28/2020	21	64	144	144
10/28/2020	22	60	140	140
10/28/2020	23	57	145	145
10/28/2020	24	53	125	125
10/29/2020	1	50	110	110
10/29/2020	2	49	106	105
10/29/2020	3	47	105	105
10/29/2020	4	47	105	105
10/29/2020	5	48	105	105
10/29/2020	6	49	110	110
10/29/2020	7	50	110	110
10/29/2020	8	55	121	121
10/29/2020	9	63	141	141
10/29/2020	10	67	150	150
10/29/2020	11	70	150	150
10/29/2020	12	69	150	150
10/29/2020	13	70	150	150
10/29/2020	14	72	150	150
10/29/2020	15	69	150	150
10/29/2020	16	67	148	148
10/29/2020	17	66	150	150
10/29/2020	18	68	150	150
10/29/2020	19	66	148	148
10/29/2020	20	65	146	146
10/29/2020	21	62	144	144
10/29/2020	22	58	141	141
10/29/2020	23	55	140	140
10/29/2020	24	52	120	120
10/30/2020	1	51	115	115
10/30/2020	2	50	115	115
10/30/2020	3	48	110	110
10/30/2020	4	47	110	110
10/30/2020	5	47	115	115
10/30/2020	6	50	115	115
10/30/2020	7	50	115	115
10/30/2020	8	55	125	125
10/30/2020	9	64	128	128
10/30/2020	10	68	141	141
10/30/2020	11	70	150	150
10/30/2020	12	69	149	148
10/30/2020	13	70	150	150
10/30/2020	14	71	150	150
10/30/2020	15	70	149	149
10/30/2020	16	68	149	149
10/30/2020	17	66	150	150
10/30/2020	18	69	150	150
10/30/2020	19	66	150	150
10/30/2020	20	65	150	150
10/30/2020	21	63	144	144
10/30/2020	22	59	138	138
10/30/2020	23	56	140	140
10/30/2020	24	51	121	121
10/31/2020	1	48	126	126

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/31/2020	2	47	125	125
10/31/2020	3	45	124	124
10/31/2020	4	44	123	123
10/31/2020	5	46	123	123
10/31/2020	6	46	124	124
10/31/2020	7	46	124	124
10/31/2020	8	50	129	129
10/31/2020	9	54	146	146
10/31/2020	10	58	150	150
10/31/2020	11	60	150	150
10/31/2020	12	59	150	150
10/31/2020	13	60	150	150
10/31/2020	14	61	150	150
10/31/2020	15	58	150	150
10/31/2020	16	56	150	150
10/31/2020	17	58	150	150
10/31/2020	18	63	150	150
10/31/2020	19	61	150	150
10/31/2020	20	59	150	150
10/31/2020	21	58	150	150
10/31/2020	22	54	146	146
10/31/2020	23	51	150	150
10/31/2020	24	48	139	139
11/1/2020	1	46	117	117
11/1/2020	2	45	108	105
11/1/2020	3	43	84	84
11/1/2020	4	42	75	75
11/1/2020	5	42	75	75
11/1/2020	6	43	75	75
11/1/2020	7	42	78	78
11/1/2020	8	44	79	79
11/1/2020	9	46	92	92
11/1/2020	10	49	107	107
11/1/2020	11	51	109	109
11/1/2020	12	51	108	108
11/1/2020	13	51	109	109
11/1/2020	14	52	112	112
11/1/2020	15	50	104	104
11/1/2020	16	50	112	112
11/1/2020	17	51	117	117
11/1/2020	18	58	148	148
11/1/2020	19	56	148	148
11/1/2020	20	55	148	148
11/1/2020	21	54	147	147
11/1/2020	22	50	136	136
11/1/2020	23	48	122	122
11/1/2020	24	46	95	95
11/2/2020	1	43	95	95
11/2/2020	2	42	95	95
11/2/2020	3	41	85	85
11/2/2020	4	40	77	77
11/2/2020	5	41	80	79
11/2/2020	6	41	80	80
11/2/2020	7	41	79	79
11/2/2020	8	44	95	95
11/2/2020	9	47	103	102
11/2/2020	10	51	115	115
11/2/2020	11	56	125	125
11/2/2020	12	57	127	126
11/2/2020	13	57	135	135
11/2/2020	14	60	140	140
11/2/2020	15	58	132	132
11/2/2020	16	56	125	125
11/2/2020	17	55	130	130
11/2/2020	18	63	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/2/2020	19	61	147	146
11/2/2020	20	59	140	140
11/2/2020	21	57	133	133
11/2/2020	22	53	128	127
11/2/2020	23	50	125	125
11/2/2020	24	46	115	115
11/3/2020	1	50	126	126
11/3/2020	2	49	125	125
11/3/2020	3	48	123	123
11/3/2020	4	47	122	122
11/3/2020	5	48	123	123
11/3/2020	6	49	125	125
11/3/2020	7	49	125	125
11/3/2020	8	55	130	130
11/3/2020	9	64	146	146
11/3/2020	10	67	150	150
11/3/2020	11	71	150	150
11/3/2020	12	69	150	150
11/3/2020	13	70	150	150
11/3/2020	14	71	150	150
11/3/2020	15	69	150	150
11/3/2020	16	67	150	150
11/3/2020	17	66	150	150
11/3/2020	18	70	150	150
11/3/2020	19	67	149	149
11/3/2020	20	65	147	147
11/3/2020	21	64	144	144
11/3/2020	22	59	142	142
11/3/2020	23	56	150	150
11/3/2020	24	53	137	137
11/4/2020	1	51	119	119
11/4/2020	2	49	117	117
11/4/2020	3	48	116	116
11/4/2020	4	47	115	115
11/4/2020	5	48	115	115
11/4/2020	6	50	117	117
11/4/2020	7	50	118	118
11/4/2020	8	55	122	122
11/4/2020	9	63	137	137
11/4/2020	10	66	150	150
11/4/2020	11	70	150	150
11/4/2020	12	69	150	150
11/4/2020	13	70	150	150
11/4/2020	14	72	150	150
11/4/2020	15	71	150	150
11/4/2020	16	68	150	150
11/4/2020	17	65	150	150
11/4/2020	18	69	150	150
11/4/2020	19	67	148	148
11/4/2020	20	66	146	146
11/4/2020	21	64	145	145
11/4/2020	22	60	140	140
11/4/2020	23	54	149	149
11/4/2020	24	50	131	131
11/5/2020	1	48	121	121
11/5/2020	2	46	115	115
11/5/2020	3	45	115	115
11/5/2020	4	44	113	113
11/5/2020	5	44	113	113
11/5/2020	6	47	119	119
11/5/2020	7	48	120	120
11/5/2020	8	52	126	126
11/5/2020	9	60	139	139
11/5/2020	10	66	150	150
11/5/2020	11	70	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/5/2020	12	68	150	150
11/5/2020	13	69	150	150
11/5/2020	14	72	150	150
11/5/2020	15	70	150	150
11/5/2020	16	68	150	150
11/5/2020	17	66	150	150
11/5/2020	18	69	150	150
11/5/2020	19	66	150	150
11/5/2020	20	65	150	150
11/5/2020	21	62	144	144
11/5/2020	22	59	142	142
11/5/2020	23	55	150	150
11/5/2020	24	51	134	134
11/6/2020	1	51	121	121
11/6/2020	2	49	121	121
11/6/2020	3	48	120	120
11/6/2020	4	47	118	118
11/6/2020	5	48	119	119
11/6/2020	6	50	122	122
11/6/2020	7	49	123	123
11/6/2020	8	55	128	128
11/6/2020	9	64	140	140
11/6/2020	10	68	150	150
11/6/2020	11	72	150	150
11/6/2020	12	71	150	150
11/6/2020	13	71	150	150
11/6/2020	14	72	150	150
11/6/2020	15	71	150	150
11/6/2020	16	69	150	150
11/6/2020	17	66	150	150
11/6/2020	18	70	150	150
11/6/2020	19	66	150	150
11/6/2020	20	66	149	149
11/6/2020	21	64	147	147
11/6/2020	22	60	144	144
11/6/2020	23	57	150	150
11/6/2020	24	53	136	136
11/7/2020	1	49	122	122
11/7/2020	2	48	121	121
11/7/2020	3	47	119	119
11/7/2020	4	46	118	118
11/7/2020	5	47	119	119
11/7/2020	6	48	121	121
11/7/2020	7	48	121	121
11/7/2020	8	51	126	126
11/7/2020	9	56	144	144
11/7/2020	10	59	150	150
11/7/2020	11	63	150	150
11/7/2020	12	62	150	150
11/7/2020	13	63	150	150
11/7/2020	14	64	150	150
11/7/2020	15	62	150	150
11/7/2020	16	60	150	150
11/7/2020	17	60	150	150
11/7/2020	18	65	150	150
11/7/2020	19	63	150	150
11/7/2020	20	62	148	148
11/7/2020	21	61	145	145
11/7/2020	22	57	143	143
11/7/2020	23	55	150	150
11/7/2020	24	52	135	135
11/8/2020	1	49	115	115
11/8/2020	2	48	115	115
11/8/2020	3	46	110	110
11/8/2020	4	45	110	110

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/8/2020	5	46	115	115
11/8/2020	6	46	113	113
11/8/2020	7	47	113	112
11/8/2020	8	48	122	121
11/8/2020	9	51	127	127
11/8/2020	10	52	130	130
11/8/2020	11	55	135	135
11/8/2020	12	54	135	135
11/8/2020	13	55	135	135
11/8/2020	14	56	135	135
11/8/2020	15	54	135	135
11/8/2020	16	53	128	127
11/8/2020	17	54	135	135
11/8/2020	18	62	150	150
11/8/2020	19	60	145	145
11/8/2020	20	59	140	140
11/8/2020	21	57	135	135
11/8/2020	22	55	135	135
11/8/2020	23	53	135	135
11/8/2020	24	50	125	125
11/9/2020	1	48	122	122
11/9/2020	2	47	113	112
11/9/2020	3	46	99	98
11/9/2020	4	45	95	95
11/9/2020	5	46	97	96
11/9/2020	6	48	115	115
11/9/2020	7	48	110	109
11/9/2020	8	53	126	126
11/9/2020	9	61	144	144
11/9/2020	10	65	150	150
11/9/2020	11	69	150	150
11/9/2020	12	69	150	150
11/9/2020	13	69	150	150
11/9/2020	14	72	150	150
11/9/2020	15	70	150	150
11/9/2020	16	68	150	150
11/9/2020	17	66	150	150
11/9/2020	18	69	150	150
11/9/2020	19	67	150	150
11/9/2020	20	64	148	148
11/9/2020	21	62	145	145
11/9/2020	22	59	143	143
11/9/2020	23	55	150	150
11/9/2020	24	52	135	135
11/10/2020	1	48	123	123
11/10/2020	2	47	121	121
11/10/2020	3	46	113	112
11/10/2020	4	45	108	107
11/10/2020	5	46	109	109
11/10/2020	6	48	119	115
11/10/2020	7	48	112	111
11/10/2020	8	53	123	123
11/10/2020	9	61	138	138
11/10/2020	10	66	150	150
11/10/2020	11	70	150	150
11/10/2020	12	69	146	146
11/10/2020	13	69	145	145
11/10/2020	14	72	148	148
11/10/2020	15	71	148	148
11/10/2020	16	69	150	150
11/10/2020	17	66	149	149
11/10/2020	18	69	150	150
11/10/2020	19	66	145	145
11/10/2020	20	65	144	144
11/10/2020	21	63	143	143

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/10/2020	22	59	139	139
11/10/2020	23	56	150	150
11/10/2020	24	52	134	134
11/11/2020	1	49	115	115
11/11/2020	2	48	115	115
11/11/2020	3	47	113	113
11/11/2020	4	46	110	110
11/11/2020	5	47	115	115
11/11/2020	6	49	115	115
11/11/2020	7	49	115	115
11/11/2020	8	55	135	135
11/11/2020	9	64	150	150
11/11/2020	10	67	150	150
11/11/2020	11	72	150	150
11/11/2020	12	71	150	150
11/11/2020	13	72	150	150
11/11/2020	14	74	150	150
11/11/2020	15	72	150	150
11/11/2020	16	69	150	150
11/11/2020	17	67	150	150
11/11/2020	18	70	150	150
11/11/2020	19	67	147	147
11/11/2020	20	66	145	145
11/11/2020	21	64	142	142
11/11/2020	22	60	140	140
11/11/2020	23	56	150	150
11/11/2020	24	53	130	130
11/12/2020	1	50	121	121
11/12/2020	2	48	119	119
11/12/2020	3	47	118	117
11/12/2020	4	46	110	110
11/12/2020	5	48	119	119
11/12/2020	6	50	122	122
11/12/2020	7	50	123	123
11/12/2020	8	56	128	128
11/12/2020	9	64	140	140
11/12/2020	10	68	150	150
11/12/2020	11	72	150	150
11/12/2020	12	69	150	150
11/12/2020	13	69	150	150
11/12/2020	14	71	150	150
11/12/2020	15	70	150	150
11/12/2020	16	67	150	150
11/12/2020	17	64	150	150
11/12/2020	18	65	150	150
11/12/2020	19	64	149	149
11/12/2020	20	61	147	147
11/12/2020	21	60	146	146
11/12/2020	22	56	143	143
11/12/2020	23	53	150	150
11/12/2020	24	51	136	136
11/13/2020	1	52	122	122
11/13/2020	2	51	121	121
11/13/2020	3	49	120	120
11/13/2020	4	48	118	118
11/13/2020	5	50	119	119
11/13/2020	6	50	122	122
11/13/2020	7	52	122	122
11/13/2020	8	56	126	126
11/13/2020	9	64	144	144
11/13/2020	10	69	150	150
11/13/2020	11	71	150	150
11/13/2020	12	70	150	150
11/13/2020	13	72	150	150
11/13/2020	14	74	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/13/2020	15	72	150	150
11/13/2020	16	69	150	150
11/13/2020	17	67	149	149
11/13/2020	18	70	150	150
11/13/2020	19	67	149	149
11/13/2020	20	66	147	147
11/13/2020	21	65	144	144
11/13/2020	22	61	141	141
11/13/2020	23	58	150	150
11/13/2020	24	53	135	135
11/14/2020	1	51	125	125
11/14/2020	2	50	124	124
11/14/2020	3	49	122	122
11/14/2020	4	48	121	121
11/14/2020	5	48	122	122
11/14/2020	6	49	122	122
11/14/2020	7	48	123	123
11/14/2020	8	52	126	126
11/14/2020	9	56	140	140
11/14/2020	10	60	148	148
11/14/2020	11	63	150	150
11/14/2020	12	62	150	150
11/14/2020	13	64	147	147
11/14/2020	14	64	148	148
11/14/2020	15	63	145	145
11/14/2020	16	61	145	145
11/14/2020	17	61	146	146
11/14/2020	18	67	149	149
11/14/2020	19	64	146	146
11/14/2020	20	63	146	146
11/14/2020	21	61	142	142
11/14/2020	22	58	140	140
11/14/2020	23	55	150	150
11/14/2020	24	52	137	137
11/15/2020	1	49	120	120
11/15/2020	2	48	119	119
11/15/2020	3	46	109	109
11/15/2020	4	46	113	113
11/15/2020	5	46	113	113
11/15/2020	6	46	105	105
11/15/2020	7	46	105	105
11/15/2020	8	46	105	105
11/15/2020	9	47	103	102
11/15/2020	10	51	120	120
11/15/2020	11	53	130	130
11/15/2020	12	53	125	125
11/15/2020	13	54	132	131
11/15/2020	14	53	125	124
11/15/2020	15	52	122	121
11/15/2020	16	52	126	126
11/15/2020	17	52	130	129
11/15/2020	18	62	150	150
11/15/2020	19	60	149	149
11/15/2020	20	58	147	147
11/15/2020	21	56	135	135
11/15/2020	22	53	130	130
11/15/2020	23	50	123	123
11/15/2020	24	49	125	125
11/16/2020	1	48	124	124
11/16/2020	2	46	123	123
11/16/2020	3	45	122	122
11/16/2020	4	44	118	118
11/16/2020	5	46	120	120
11/16/2020	6	48	123	123
11/16/2020	7	48	123	123

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/16/2020	8	54	129	129
11/16/2020	9	61	140	140
11/16/2020	10	66	150	150
11/16/2020	11	72	150	150
11/16/2020	12	71	150	150
11/16/2020	13	71	150	150
11/16/2020	14	74	150	150
11/16/2020	15	72	150	150
11/16/2020	16	69	150	150
11/16/2020	17	66	150	150
11/16/2020	18	70	150	150
11/16/2020	19	67	147	147
11/16/2020	20	65	147	147
11/16/2020	21	64	142	142
11/16/2020	22	61	140	140
11/16/2020	23	57	150	150
11/16/2020	24	54	137	137
11/17/2020	1	52	125	125
11/17/2020	2	51	124	124
11/17/2020	3	49	123	123
11/17/2020	4	48	122	122
11/17/2020	5	49	122	122
11/17/2020	6	52	124	124
11/17/2020	7	53	125	125
11/17/2020	8	58	129	129
11/17/2020	9	66	146	146
11/17/2020	10	71	150	150
11/17/2020	11	74	150	150
11/17/2020	12	73	150	150
11/17/2020	13	74	150	150
11/17/2020	14	75	150	150
11/17/2020	15	74	150	150
11/17/2020	16	72	150	150
11/17/2020	17	69	150	150
11/17/2020	18	73	150	150
11/17/2020	19	69	150	150
11/17/2020	20	68	149	149
11/17/2020	21	67	147	147
11/17/2020	22	63	143	143
11/17/2020	23	59	150	150
11/17/2020	24	55	137	137
11/18/2020	1	52	125	125
11/18/2020	2	51	125	125
11/18/2020	3	50	123	123
11/18/2020	4	49	122	122
11/18/2020	5	50	123	123
11/18/2020	6	53	124	124
11/18/2020	7	53	125	125
11/18/2020	8	59	127	127
11/18/2020	9	66	141	141
11/18/2020	10	70	150	150
11/18/2020	11	75	150	150
11/18/2020	12	74	150	150
11/18/2020	13	75	150	150
11/18/2020	14	76	150	150
11/18/2020	15	74	150	150
11/18/2020	16	72	150	150
11/18/2020	17	70	150	150
11/18/2020	18	73	150	150
11/18/2020	19	68	147	147
11/18/2020	20	67	146	146
11/18/2020	21	65	143	143
11/18/2020	22	61	142	142
11/18/2020	23	58	150	150
11/18/2020	24	55	138	138

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/19/2020	1	52	128	128
11/19/2020	2	51	127	127
11/19/2020	3	49	124	124
11/19/2020	4	49	123	123
11/19/2020	5	50	124	124
11/19/2020	6	52	125	125
11/19/2020	7	52	126	126
11/19/2020	8	58	132	132
11/19/2020	9	66	144	144
11/19/2020	10	71	150	150
11/19/2020	11	75	150	150
11/19/2020	12	74	150	150
11/19/2020	13	75	150	150
11/19/2020	14	78	150	150
11/19/2020	15	76	150	150
11/19/2020	16	73	150	150
11/19/2020	17	69	150	150
11/19/2020	18	72	150	150
11/19/2020	19	68	150	150
11/19/2020	20	67	148	148
11/19/2020	21	65	144	144
11/19/2020	22	61	143	143
11/19/2020	23	58	150	150
11/19/2020	24	54	139	139
11/20/2020	1	53	126	126
11/20/2020	2	51	124	124
11/20/2020	3	49	123	123
11/20/2020	4	48	121	121
11/20/2020	5	49	122	122
11/20/2020	6	52	123	123
11/20/2020	7	53	123	123
11/20/2020	8	58	129	129
11/20/2020	9	66	144	144
11/20/2020	10	71	150	150
11/20/2020	11	75	150	150
11/20/2020	12	75	150	150
11/20/2020	13	75	150	150
11/20/2020	14	78	150	150
11/20/2020	15	77	150	150
11/20/2020	16	73	150	150
11/20/2020	17	69	150	150
11/20/2020	18	73	150	150
11/20/2020	19	70	150	150
11/20/2020	20	69	150	150
11/20/2020	21	68	147	147
11/20/2020	22	64	143	143
11/20/2020	23	60	150	150
11/20/2020	24	56	139	139
11/21/2020	1	54	150	122
11/21/2020	2	53	150	116
11/21/2020	3	51	150	112
11/21/2020	4	50	150	112
11/21/2020	5	51	150	112
11/21/2020	6	52	150	114
11/21/2020	7	51	150	112
11/21/2020	8	54	150	117
11/21/2020	9	58	150	117
11/21/2020	10	60	150	129
11/21/2020	11	65	150	132
11/21/2020	12	64	150	129
11/21/2020	13	65	150	134
11/21/2020	14	68	150	144
11/21/2020	15	67	150	142
11/21/2020	16	64	150	135
11/21/2020	17	64	150	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/21/2020	18	70	150	150
11/21/2020	19	69	150	150
11/21/2020	20	67	150	150
11/21/2020	21	66	150	150
11/21/2020	22	62	150	141
11/21/2020	23	59	150	134
11/21/2020	24	55	150	116
11/22/2020	1	52	150	112
11/22/2020	2	51	150	112
11/22/2020	3	50	150	111
11/22/2020	4	49	150	111
11/22/2020	5	49	150	108
11/22/2020	6	49	150	99
11/22/2020	7	50	150	97
11/22/2020	8	51	150	102
11/22/2020	9	54	150	98
11/22/2020	10	57	150	113
11/22/2020	11	60	150	115
11/22/2020	12	60	150	116
11/22/2020	13	61	150	116
11/22/2020	14	62	150	119
11/22/2020	15	60	150	115
11/22/2020	16	58	150	115
11/22/2020	17	59	150	115
11/22/2020	18	67	150	135
11/22/2020	19	65	150	122
11/22/2020	20	64	150	122
11/22/2020	21	62	150	117
11/22/2020	22	59	150	113
11/22/2020	23	56	150	112
11/22/2020	24	53	150	111
11/23/2020	1	49	150	112
11/23/2020	2	48	150	112
11/23/2020	3	47	150	109
11/23/2020	4	47	150	109
11/23/2020	5	48	150	112
11/23/2020	6	51	150	114
11/23/2020	7	51	150	112
11/23/2020	8	57	150	122
11/23/2020	9	66	150	138
11/23/2020	10	70	150	149
11/23/2020	11	75	150	149
11/23/2020	12	74	150	149
11/23/2020	13	75	150	149
11/23/2020	14	75	150	149
11/23/2020	15	74	150	149
11/23/2020	16	71	150	149
11/23/2020	17	69	150	149
11/23/2020	18	72	150	149
11/23/2020	19	68	150	148
11/23/2020	20	67	150	144
11/23/2020	21	65	150	138
11/23/2020	22	61	150	129
11/23/2020	23	58	150	122
11/23/2020	24	54	150	119
11/24/2020	1	52	150	96
11/24/2020	2	50	150	96
11/24/2020	3	49	150	96
11/24/2020	4	48	150	96
11/24/2020	5	49	150	96
11/24/2020	6	51	150	96
11/24/2020	7	51	150	96
11/24/2020	8	57	150	112
11/24/2020	9	66	150	114
11/24/2020	10	71	150	124

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/24/2020	11	75	150	132
11/24/2020	12	73	150	127
11/24/2020	13	74	150	131
11/24/2020	14	76	150	131
11/24/2020	15	74	150	127
11/24/2020	16	72	150	124
11/24/2020	17	69	150	120
11/24/2020	18	72	150	131
11/24/2020	19	68	150	122
11/24/2020	20	66	150	119
11/24/2020	21	65	150	118
11/24/2020	22	61	150	115
11/24/2020	23	57	150	112
11/24/2020	24	54	150	99
11/25/2020	1	52	150	102
11/25/2020	2	50	150	102
11/25/2020	3	49	150	102
11/25/2020	4	48	150	102
11/25/2020	5	49	150	102
11/25/2020	6	52	150	102
11/25/2020	7	51	150	102
11/25/2020	8	58	150	112
11/25/2020	9	66	150	127
11/25/2020	10	71	150	127
11/25/2020	11	74	150	129
11/25/2020	12	74	150	127
11/25/2020	13	74	150	129
11/25/2020	14	75	150	129
11/25/2020	15	74	150	129
11/25/2020	16	71	150	127
11/25/2020	17	68	150	127
11/25/2020	18	72	150	129
11/25/2020	19	68	150	127
11/25/2020	20	67	150	127
11/25/2020	21	66	150	127
11/25/2020	22	62	150	127
11/25/2020	23	59	150	112
11/25/2020	24	55	150	112
11/26/2020	1	50	118	118
11/26/2020	2	48	117	116
11/26/2020	3	47	113	113
11/26/2020	4	47	111	111
11/26/2020	5	48	112	112
11/26/2020	6	49	113	113
11/26/2020	7	48	114	114
11/26/2020	8	53	119	119
11/26/2020	9	60	144	144
11/26/2020	10	65	146	146
11/26/2020	11	67	150	150
11/26/2020	12	66	150	150
11/26/2020	13	66	150	150
11/26/2020	14	71	150	150
11/26/2020	15	69	150	150
11/26/2020	16	67	150	150
11/26/2020	17	65	145	145
11/26/2020	18	69	146	146
11/26/2020	19	66	150	150
11/26/2020	20	65	149	149
11/26/2020	21	62	147	147
11/26/2020	22	59	143	143
11/26/2020	23	56	150	150
11/26/2020	24	52	134	134
11/27/2020	1	50	122	122
11/27/2020	2	48	120	120
11/27/2020	3	47	118	118

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/27/2020	4	46	118	118
11/27/2020	5	47	118	118
11/27/2020	6	49	120	120
11/27/2020	7	49	120	120
11/27/2020	8	54	125	125
11/27/2020	9	62	144	144
11/27/2020	10	66	150	150
11/27/2020	11	69	150	150
11/27/2020	12	69	150	150
11/27/2020	13	68	150	150
11/27/2020	14	71	150	150
11/27/2020	15	70	150	150
11/27/2020	16	67	150	150
11/27/2020	17	64	150	150
11/27/2020	18	69	150	150
11/27/2020	19	66	150	150
11/27/2020	20	65	149	149
11/27/2020	21	62	149	149
11/27/2020	22	59	146	146
11/27/2020	23	55	150	150
11/27/2020	24	52	135	135
11/28/2020	1	52	122	122
11/28/2020	2	51	120	120
11/28/2020	3	50	118	118
11/28/2020	4	49	118	118
11/28/2020	5	49	118	118
11/28/2020	6	50	120	120
11/28/2020	7	50	120	120
11/28/2020	8	53	125	125
11/28/2020	9	56	144	144
11/28/2020	10	60	150	150
11/28/2020	11	63	150	150
11/28/2020	12	62	150	150
11/28/2020	13	63	150	150
11/28/2020	14	65	150	150
11/28/2020	15	64	150	150
11/28/2020	16	62	150	150
11/28/2020	17	62	150	150
11/28/2020	18	67	150	150
11/28/2020	19	65	150	150
11/28/2020	20	63	149	149
11/28/2020	21	62	149	149
11/28/2020	22	58	146	146
11/28/2020	23	55	150	150
11/28/2020	24	52	135	135
11/29/2020	1	49	117	117
11/29/2020	2	49	115	115
11/29/2020	3	47	114	114
11/29/2020	4	47	112	112
11/29/2020	5	47	119	119
11/29/2020	6	47	121	121
11/29/2020	7	48	121	121
11/29/2020	8	48	116	115
11/29/2020	9	50	115	115
11/29/2020	10	53	146	146
11/29/2020	11	56	149	149
11/29/2020	12	56	150	150
11/29/2020	13	56	150	150
11/29/2020	14	57	150	150
11/29/2020	15	56	150	150
11/29/2020	16	55	150	150
11/29/2020	17	56	143	143
11/29/2020	18	62	146	146
11/29/2020	19	62	140	140
11/29/2020	20	61	138	138

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/29/2020	21	60	138	138
11/29/2020	22	57	136	136
11/29/2020	23	54	148	148
11/29/2020	24	51	138	138
11/30/2020	1	52	117	117
11/30/2020	2	50	115	115
11/30/2020	3	49	114	114
11/30/2020	4	48	112	112
11/30/2020	5	48	119	119
11/30/2020	6	49	121	121
11/30/2020	7	49	121	121
11/30/2020	8	52	124	124
11/30/2020	9	56	143	143
11/30/2020	10	59	146	146
11/30/2020	11	62	149	149
11/30/2020	12	62	150	150
11/30/2020	13	62	150	150
11/30/2020	14	65	150	150
11/30/2020	15	63	150	150
11/30/2020	16	61	150	150
11/30/2020	17	61	143	143
11/30/2020	18	68	146	146
11/30/2020	19	65	140	140
11/30/2020	20	63	138	138
11/30/2020	21	61	138	138
11/30/2020	22	57	136	136
11/30/2020	23	54	148	148
11/30/2020	24	51	138	138
12/1/2020	1	50	116	115
12/1/2020	2	49	113	113
12/1/2020	3	48	110	110
12/1/2020	4	47	108	108
12/1/2020	5	48	115	115
12/1/2020	6	49	115	115
12/1/2020	7	48	115	115
12/1/2020	8	54	124	124
12/1/2020	9	62	143	143
12/1/2020	10	65	146	146
12/1/2020	11	70	150	150
12/1/2020	12	70	150	150
12/1/2020	13	71	150	150
12/1/2020	14	74	150	150
12/1/2020	15	73	150	150
12/1/2020	16	69	150	150
12/1/2020	17	65	150	150
12/1/2020	18	70	150	150
12/1/2020	19	67	150	150
12/1/2020	20	66	146	146
12/1/2020	21	64	138	138
12/1/2020	22	61	136	136
12/1/2020	23	56	148	148
12/1/2020	24	53	136	136
12/2/2020	1	51	122	122
12/2/2020	2	50	120	120
12/2/2020	3	48	119	119
12/2/2020	4	48	119	119
12/2/2020	5	48	120	120
12/2/2020	6	51	122	122
12/2/2020	7	51	122	122
12/2/2020	8	56	129	129
12/2/2020	9	64	145	145
12/2/2020	10	69	150	150
12/2/2020	11	71	150	150
12/2/2020	12	69	150	150
12/2/2020	13	71	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/2/2020	14	73	150	150
12/2/2020	15	72	150	150
12/2/2020	16	69	150	150
12/2/2020	17	67	150	150
12/2/2020	18	70	150	150
12/2/2020	19	68	149	149
12/2/2020	20	65	147	147
12/2/2020	21	62	146	146
12/2/2020	22	59	143	143
12/2/2020	23	55	150	150
12/2/2020	24	52	135	135
12/3/2020	1	52	123	123
12/3/2020	2	51	122	122
12/3/2020	3	49	120	120
12/3/2020	4	48	120	120
12/3/2020	5	49	120	120
12/3/2020	6	52	121	121
12/3/2020	7	52	122	122
12/3/2020	8	57	128	128
12/3/2020	9	66	145	145
12/3/2020	10	71	150	150
12/3/2020	11	72	150	150
12/3/2020	12	72	150	150
12/3/2020	13	73	150	150
12/3/2020	14	74	150	150
12/3/2020	15	73	150	150
12/3/2020	16	72	150	150
12/3/2020	17	68	150	150
12/3/2020	18	71	150	150
12/3/2020	19	69	150	150
12/3/2020	20	67	149	149
12/3/2020	21	65	148	148
12/3/2020	22	61	143	143
12/3/2020	23	59	150	150
12/3/2020	24	53	136	136
12/4/2020	1	51	123	123
12/4/2020	2	50	122	122
12/4/2020	3	49	120	120
12/4/2020	4	48	119	119
12/4/2020	5	49	120	120
12/4/2020	6	51	122	122
12/4/2020	7	52	122	122
12/4/2020	8	56	126	126
12/4/2020	9	65	142	142
12/4/2020	10	70	150	150
12/4/2020	11	72	150	150
12/4/2020	12	72	150	150
12/4/2020	13	72	150	150
12/4/2020	14	74	150	150
12/4/2020	15	72	150	150
12/4/2020	16	69	150	150
12/4/2020	17	68	150	150
12/4/2020	18	70	150	150
12/4/2020	19	67	150	150
12/4/2020	20	66	148	148
12/4/2020	21	64	148	148
12/4/2020	22	61	146	146
12/4/2020	23	58	150	150
12/4/2020	24	54	138	138
12/5/2020	1	52	122	122
12/5/2020	2	51	121	121
12/5/2020	3	50	120	120
12/5/2020	4	49	119	119
12/5/2020	5	50	120	120
12/5/2020	6	52	121	121

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/5/2020	7	51	122	122
12/5/2020	8	54	125	125
12/5/2020	9	57	140	140
12/5/2020	10	60	150	150
12/5/2020	11	64	150	150
12/5/2020	12	64	150	150
12/5/2020	13	64	150	150
12/5/2020	14	66	150	150
12/5/2020	15	65	150	150
12/5/2020	16	63	150	150
12/5/2020	17	62	148	148
12/5/2020	18	69	150	150
12/5/2020	19	65	145	145
12/5/2020	20	64	143	143
12/5/2020	21	63	141	141
12/5/2020	22	60	139	139
12/5/2020	23	57	150	150
12/5/2020	24	53	135	135
12/6/2020	1	51	123	123
12/6/2020	2	49	122	122
12/6/2020	3	48	121	121
12/6/2020	4	47	120	120
12/6/2020	5	48	121	121
12/6/2020	6	48	122	122
12/6/2020	7	49	121	121
12/6/2020	8	49	125	125
12/6/2020	9	50	138	138
12/6/2020	10	53	150	150
12/6/2020	11	56	150	150
12/6/2020	12	56	150	150
12/6/2020	13	56	150	150
12/6/2020	14	58	150	150
12/6/2020	15	56	150	150
12/6/2020	16	54	149	149
12/6/2020	17	53	147	147
12/6/2020	18	65	150	150
12/6/2020	19	63	146	146
12/6/2020	20	61	144	144
12/6/2020	21	59	142	142
12/6/2020	22	56	140	140
12/6/2020	23	52	149	149
12/6/2020	24	50	136	136
12/7/2020	1	48	123	123
12/7/2020	2	47	122	122
12/7/2020	3	47	120	120
12/7/2020	4	46	119	119
12/7/2020	5	47	120	120
12/7/2020	6	50	121	121
12/7/2020	7	50	122	122
12/7/2020	8	56	126	126
12/7/2020	9	63	142	142
12/7/2020	10	68	150	150
12/7/2020	11	72	150	150
12/7/2020	12	72	150	150
12/7/2020	13	72	150	150
12/7/2020	14	74	150	150
12/7/2020	15	72	150	150
12/7/2020	16	69	150	150
12/7/2020	17	67	150	150
12/7/2020	18	70	150	150
12/7/2020	19	67	146	146
12/7/2020	20	65	144	144
12/7/2020	21	64	141	141
12/7/2020	22	60	139	139
12/7/2020	23	57	148	148

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/7/2020	24	54	135	135
12/8/2020	1	52	125	125
12/8/2020	2	50	123	123
12/8/2020	3	49	120	120
12/8/2020	4	48	122	122
12/8/2020	5	48	122	122
12/8/2020	6	50	123	123
12/8/2020	7	49	123	123
12/8/2020	8	53	127	127
12/8/2020	9	57	143	143
12/8/2020	10	61	150	150
12/8/2020	11	66	150	150
12/8/2020	12	65	150	150
12/8/2020	13	66	150	150
12/8/2020	14	68	150	150
12/8/2020	15	65	150	150
12/8/2020	16	64	150	150
12/8/2020	17	63	150	150
12/8/2020	18	69	150	150
12/8/2020	19	66	150	150
12/8/2020	20	64	149	149
12/8/2020	21	62	145	145
12/8/2020	22	59	143	143
12/8/2020	23	56	150	150
12/8/2020	24	52	138	138
12/9/2020	1	50	128	128
12/9/2020	2	49	126	126
12/9/2020	3	48	123	123
12/9/2020	4	48	124	124
12/9/2020	5	49	125	125
12/9/2020	6	51	126	126
12/9/2020	7	51	127	127
12/9/2020	8	57	130	130
12/9/2020	9	65	143	143
12/9/2020	10	71	150	150
12/9/2020	11	74	150	150
12/9/2020	12	73	150	150
12/9/2020	13	74	150	150
12/9/2020	14	75	150	150
12/9/2020	15	74	150	150
12/9/2020	16	72	150	150
12/9/2020	17	68	150	150
12/9/2020	18	72	150	150
12/9/2020	19	70	150	150
12/9/2020	20	68	149	149
12/9/2020	21	65	146	146
12/9/2020	22	62	143	143
12/9/2020	23	58	150	150
12/9/2020	24	55	140	140
12/10/2020	1	53	137	119
12/10/2020	2	51	136	118
12/10/2020	3	50	136	116
12/10/2020	4	49	136	115
12/10/2020	5	49	136	115
12/10/2020	6	51	141	119
12/10/2020	7	51	146	119
12/10/2020	8	56	146	124
12/10/2020	9	65	146	142
12/10/2020	10	71	150	150
12/10/2020	11	73	150	150
12/10/2020	12	72	150	150
12/10/2020	13	72	150	150
12/10/2020	14	75	150	150
12/10/2020	15	74	150	150
12/10/2020	16	72	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/10/2020	17	67	148	148
12/10/2020	18	70	150	150
12/10/2020	19	69	149	146
12/10/2020	20	68	149	145
12/10/2020	21	66	148	141
12/10/2020	22	63	148	137
12/10/2020	23	59	150	150
12/10/2020	24	54	146	132
12/11/2020	1	52	145	120
12/11/2020	2	50	142	119
12/11/2020	3	48	142	117
12/11/2020	4	48	137	116
12/11/2020	5	49	137	117
12/11/2020	6	51	146	119
12/11/2020	7	52	146	119
12/11/2020	8	57	146	124
12/11/2020	9	66	147	142
12/11/2020	10	71	150	150
12/11/2020	11	73	150	150
12/11/2020	12	72	150	150
12/11/2020	13	73	150	150
12/11/2020	14	76	150	150
12/11/2020	15	74	150	150
12/11/2020	16	71	150	150
12/11/2020	17	68	150	150
12/11/2020	18	72	150	150
12/11/2020	19	69	150	150
12/11/2020	20	67	148	147
12/11/2020	21	65	149	144
12/11/2020	22	61	148	142
12/11/2020	23	57	150	150
12/11/2020	24	53	146	135
12/12/2020	1	52	133	120
12/12/2020	2	49	130	119
12/12/2020	3	48	130	118
12/12/2020	4	48	130	117
12/12/2020	5	49	130	118
12/12/2020	6	51	142	119
12/12/2020	7	50	145	119
12/12/2020	8	53	145	123
12/12/2020	9	59	146	139
12/12/2020	10	63	148	148
12/12/2020	11	66	150	150
12/12/2020	12	65	150	150
12/12/2020	13	67	150	150
12/12/2020	14	69	150	150
12/12/2020	15	66	150	150
12/12/2020	16	65	149	149
12/12/2020	17	63	148	146
12/12/2020	18	69	150	150
12/12/2020	19	67	148	147
12/12/2020	20	65	147	145
12/12/2020	21	63	147	142
12/12/2020	22	60	147	140
12/12/2020	23	57	150	150
12/12/2020	24	54	145	134
12/13/2020	1	51	136	119
12/13/2020	2	49	132	117
12/13/2020	3	47	132	115
12/13/2020	4	46	132	114
12/13/2020	5	47	132	115
12/13/2020	6	48	145	115
12/13/2020	7	46	145	97
12/13/2020	8	48	145	106
12/13/2020	9	50	120	120

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/13/2020	10	52	133	133
12/13/2020	11	55	147	135
12/13/2020	12	55	147	137
12/13/2020	13	56	147	137
12/13/2020	14	57	137	137
12/13/2020	15	56	136	136
12/13/2020	16	54	135	135
12/13/2020	17	56	134	134
12/13/2020	18	65	148	134
12/13/2020	19	62	150	150
12/13/2020	20	60	150	150
12/13/2020	21	58	147	145
12/13/2020	22	55	147	144
12/13/2020	23	52	150	150
12/13/2020	24	50	146	133
12/14/2020	1	48	122	122
12/14/2020	2	45	120	120
12/14/2020	3	45	118	118
12/14/2020	4	44	118	118
12/14/2020	5	45	118	118
12/14/2020	6	49	140	118
12/14/2020	7	50	145	119
12/14/2020	8	56	145	122
12/14/2020	9	64	146	142
12/14/2020	10	70	150	150
12/14/2020	11	73	150	150
12/14/2020	12	72	150	150
12/14/2020	13	73	150	150
12/14/2020	14	76	150	150
12/14/2020	15	74	150	150
12/14/2020	16	72	150	150
12/14/2020	17	68	150	150
12/14/2020	18	72	150	150
12/14/2020	19	68	150	150
12/14/2020	20	66	150	150
12/14/2020	21	65	147	145
12/14/2020	22	61	147	140
12/14/2020	23	58	150	150
12/14/2020	24	55	146	134
12/15/2020	1	50	118	117
12/15/2020	2	49	118	115
12/15/2020	3	48	118	114
12/15/2020	4	47	118	112
12/15/2020	5	47	119	119
12/15/2020	6	49	121	121
12/15/2020	7	49	121	121
12/15/2020	8	54	124	124
12/15/2020	9	62	143	143
12/15/2020	10	68	146	146
12/15/2020	11	74	149	149
12/15/2020	12	72	150	150
12/15/2020	13	73	150	150
12/15/2020	14	76	150	150
12/15/2020	15	74	150	150
12/15/2020	16	72	150	150
12/15/2020	17	68	143	143
12/15/2020	18	72	148	147
12/15/2020	19	69	140	140
12/15/2020	20	66	145	142
12/15/2020	21	65	138	138
12/15/2020	22	61	136	136
12/15/2020	23	58	148	148
12/15/2020	24	53	138	138
12/16/2020	1	50	119	119
12/16/2020	2	48	119	119

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/16/2020	3	46	118	117
12/16/2020	4	45	118	116
12/16/2020	5	47	118	117
12/16/2020	6	50	119	119
12/16/2020	7	51	119	118
12/16/2020	8	56	122	122
12/16/2020	9	63	141	141
12/16/2020	10	69	150	150
12/16/2020	11	73	150	150
12/16/2020	12	72	150	150
12/16/2020	13	74	150	150
12/16/2020	14	75	150	150
12/16/2020	15	73	150	150
12/16/2020	16	71	150	150
12/16/2020	17	69	150	150
12/16/2020	18	71	150	150
12/16/2020	19	68	150	150
12/16/2020	20	66	148	148
12/16/2020	21	64	145	145
12/16/2020	22	60	141	141
12/16/2020	23	56	150	150
12/16/2020	24	52	135	135
12/17/2020	1	49	121	121
12/17/2020	2	48	119	119
12/17/2020	3	47	117	117
12/17/2020	4	47	116	116
12/17/2020	5	48	117	117
12/17/2020	6	50	119	119
12/17/2020	7	51	119	119
12/17/2020	8	56	123	123
12/17/2020	9	62	142	142
12/17/2020	10	67	150	150
12/17/2020	11	70	150	150
12/17/2020	12	69	150	150
12/17/2020	13	69	150	150
12/17/2020	14	71	150	150
12/17/2020	15	70	150	150
12/17/2020	16	68	150	150
12/17/2020	17	66	150	150
12/17/2020	18	70	150	150
12/17/2020	19	66	149	149
12/17/2020	20	64	147	147
12/17/2020	21	61	145	145
12/17/2020	22	58	141	141
12/17/2020	23	55	150	150
12/17/2020	24	51	134	134
12/18/2020	1	49	140	121
12/18/2020	2	48	140	119
12/18/2020	3	47	140	117
12/18/2020	4	47	140	116
12/18/2020	5	48	140	117
12/18/2020	6	50	140	119
12/18/2020	7	51	119	119
12/18/2020	8	56	123	123
12/18/2020	9	62	142	142
12/18/2020	10	67	150	150
12/18/2020	11	70	150	150
12/18/2020	12	69	150	150
12/18/2020	13	69	150	150
12/18/2020	14	71	150	150
12/18/2020	15	70	150	150
12/18/2020	16	68	150	150
12/18/2020	17	66	150	150
12/18/2020	18	70	150	150
12/18/2020	19	66	149	149

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/18/2020	20	64	147	147
12/18/2020	21	61	145	145
12/18/2020	22	58	141	141
12/18/2020	23	55	150	150
12/18/2020	24	51	134	134
12/19/2020	1	50	119	119
12/19/2020	2	48	118	118
12/19/2020	3	47	116	116
12/19/2020	4	47	114	114
12/19/2020	5	48	115	115
12/19/2020	6	49	116	116
12/19/2020	7	49	116	116
12/19/2020	8	52	120	120
12/19/2020	9	56	140	140
12/19/2020	10	61	150	150
12/19/2020	11	63	150	150
12/19/2020	12	63	150	150
12/19/2020	13	64	150	150
12/19/2020	14	65	150	150
12/19/2020	15	64	150	150
12/19/2020	16	62	150	150
12/19/2020	17	61	146	146
12/19/2020	18	69	150	150
12/19/2020	19	65	149	149
12/19/2020	20	64	147	147
12/19/2020	21	61	145	145
12/19/2020	22	58	142	142
12/19/2020	23	56	150	150
12/19/2020	24	52	133	133
12/20/2020	1	50	119	119
12/20/2020	2	48	118	118
12/20/2020	3	47	116	116
12/20/2020	4	46	114	114
12/20/2020	5	46	114	114
12/20/2020	6	47	116	116
12/20/2020	7	46	98	97
12/20/2020	8	47	99	99
12/20/2020	9	49	101	100
12/20/2020	10	52	120	118
12/20/2020	11	54	150	149
12/20/2020	12	54	141	141
12/20/2020	13	54	150	150
12/20/2020	14	56	150	150
12/20/2020	15	54	150	150
12/20/2020	16	52	140	139
12/20/2020	17	55	146	146
12/20/2020	18	62	150	150
12/20/2020	19	62	149	149
12/20/2020	20	60	147	147
12/20/2020	21	58	145	145
12/20/2020	22	55	142	142
12/20/2020	23	51	150	150
12/20/2020	24	50	133	133
12/21/2020	1	47	119	119
12/21/2020	2	46	105	105
12/21/2020	3	45	105	105
12/21/2020	4	44	105	105
12/21/2020	5	46	105	105
12/21/2020	6	48	116	116
12/21/2020	7	49	116	116
12/21/2020	8	55	120	120
12/21/2020	9	63	140	140
12/21/2020	10	69	150	150
12/21/2020	11	71	150	150
12/21/2020	12	70	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/21/2020	13	70	150	150
12/21/2020	14	72	150	150
12/21/2020	15	70	150	150
12/21/2020	16	70	150	150
12/21/2020	17	67	146	146
12/21/2020	18	70	150	150
12/21/2020	19	66	149	149
12/21/2020	20	64	147	147
12/21/2020	21	62	145	145
12/21/2020	22	58	142	142
12/21/2020	23	56	150	150
12/21/2020	24	51	133	133
12/22/2020	1	51	120	120
12/22/2020	2	50	119	119
12/22/2020	3	48	117	117
12/22/2020	4	47	116	116
12/22/2020	5	48	117	117
12/22/2020	6	51	119	119
12/22/2020	7	51	120	120
12/22/2020	8	56	124	124
12/22/2020	9	63	142	142
12/22/2020	10	68	150	150
12/22/2020	11	71	150	150
12/22/2020	12	70	150	150
12/22/2020	13	71	150	150
12/22/2020	14	72	150	150
12/22/2020	15	71	150	150
12/22/2020	16	70	150	150
12/22/2020	17	67	150	150
12/22/2020	18	70	150	150
12/22/2020	19	68	149	149
12/22/2020	20	65	146	146
12/22/2020	21	63	144	144
12/22/2020	22	60	140	140
12/22/2020	23	56	150	150
12/22/2020	24	52	134	134
12/23/2020	1	49	113	110
12/23/2020	2	47	95	94
12/23/2020	3	45	82	82
12/23/2020	4	45	82	81
12/23/2020	5	46	100	97
12/23/2020	6	49	117	117
12/23/2020	7	50	120	120
12/23/2020	8	55	124	124
12/23/2020	9	61	142	142
12/23/2020	10	64	150	150
12/23/2020	11	68	150	150
12/23/2020	12	67	150	150
12/23/2020	13	67	150	150
12/23/2020	14	70	150	150
12/23/2020	15	68	150	150
12/23/2020	16	66	150	150
12/23/2020	17	65	150	150
12/23/2020	18	69	150	150
12/23/2020	19	67	148	148
12/23/2020	20	65	145	145
12/23/2020	21	62	143	143
12/23/2020	22	58	140	140
12/23/2020	23	55	150	150
12/23/2020	24	51	124	124
12/24/2020	1	47	115	115
12/24/2020	2	45	102	102
12/24/2020	3	44	95	95
12/24/2020	4	44	96	95
12/24/2020	5	43	95	95

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/24/2020	6	44	95	95
12/24/2020	7	44	102	102
12/24/2020	8	47	108	108
12/24/2020	9	52	140	140
12/24/2020	10	55	150	150
12/24/2020	11	57	150	150
12/24/2020	12	58	150	150
12/24/2020	13	57	150	150
12/24/2020	14	58	150	150
12/24/2020	15	57	150	150
12/24/2020	16	56	150	150
12/24/2020	17	56	150	150
12/24/2020	18	64	150	150
12/24/2020	19	63	148	148
12/24/2020	20	61	146	146
12/24/2020	21	58	144	144
12/24/2020	22	56	141	141
12/24/2020	23	52	150	150
12/24/2020	24	50	134	134
12/25/2020	1	46	113	113
12/25/2020	2	44	95	95
12/25/2020	3	42	87	86
12/25/2020	4	40	75	75
12/25/2020	5	40	75	75
12/25/2020	6	40	75	75
12/25/2020	7	40	75	75
12/25/2020	8	41	75	75
12/25/2020	9	43	75	75
12/25/2020	10	47	95	95
12/25/2020	11	50	97	96
12/25/2020	12	51	106	105
12/25/2020	13	51	114	113
12/25/2020	14	52	111	110
12/25/2020	15	52	110	109
12/25/2020	16	52	122	121
12/25/2020	17	52	119	118
12/25/2020	18	61	150	150
12/25/2020	19	60	149	149
12/25/2020	20	59	148	148
12/25/2020	21	57	144	144
12/25/2020	22	53	140	140
12/25/2020	23	49	150	150
12/25/2020	24	47	128	128
12/26/2020	1	45	113	113
12/26/2020	2	44	112	112
12/26/2020	3	43	110	105
12/26/2020	4	42	100	100
12/26/2020	5	43	110	101
12/26/2020	6	47	111	102
12/26/2020	7	48	111	103
12/26/2020	8	51	115	106
12/26/2020	9	55	128	128
12/26/2020	10	58	148	148
12/26/2020	11	60	150	150
12/26/2020	12	60	149	149
12/26/2020	13	61	150	150
12/26/2020	14	63	150	150
12/26/2020	15	61	150	150
12/26/2020	16	60	150	150
12/26/2020	17	60	148	148
12/26/2020	18	68	150	150
12/26/2020	19	67	150	150
12/26/2020	20	65	148	148
12/26/2020	21	61	146	146
12/26/2020	22	57	144	144

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/26/2020	23	54	145	145
12/26/2020	24	51	126	126
12/27/2020	1	49	119	115
12/27/2020	2	47	119	114
12/27/2020	3	46	119	112
12/27/2020	4	45	119	111
12/27/2020	5	45	119	111
12/27/2020	6	47	119	111
12/27/2020	7	47	119	112
12/27/2020	8	47	119	114
12/27/2020	9	49	120	120
12/27/2020	10	53	132	132
12/27/2020	11	56	146	146
12/27/2020	12	57	146	146
12/27/2020	13	57	147	147
12/27/2020	14	58	150	150
12/27/2020	15	56	150	150
12/27/2020	16	54	149	149
12/27/2020	17	56	147	147
12/27/2020	18	64	150	150
12/27/2020	19	63	150	150
12/27/2020	20	61	148	148
12/27/2020	21	59	147	147
12/27/2020	22	56	143	143
12/27/2020	23	53	145	145
12/27/2020	24	50	127	127
12/28/2020	1	48	119	117
12/28/2020	2	46	119	115
12/28/2020	3	45	119	114
12/28/2020	4	45	119	112
12/28/2020	5	45	119	119
12/28/2020	6	48	121	121
12/28/2020	7	49	121	121
12/28/2020	8	54	124	124
12/28/2020	9	61	143	143
12/28/2020	10	66	146	146
12/28/2020	11	68	149	149
12/28/2020	12	68	150	150
12/28/2020	13	69	150	150
12/28/2020	14	71	150	150
12/28/2020	15	69	150	150
12/28/2020	16	68	150	150
12/28/2020	17	64	143	143
12/28/2020	18	71	146	146
12/28/2020	19	67	140	140
12/28/2020	20	66	138	138
12/28/2020	21	64	138	138
12/28/2020	22	60	136	136
12/28/2020	23	57	148	148
12/28/2020	24	52	138	138
12/29/2020	1	50	118	117
12/29/2020	2	48	118	117
12/29/2020	3	47	118	116
12/29/2020	4	47	118	115
12/29/2020	5	47	118	116
12/29/2020	6	50	118	117
12/29/2020	7	49	119	118
12/29/2020	8	52	122	122
12/29/2020	9	60	140	140
12/29/2020	10	64	150	150
12/29/2020	11	66	150	150
12/29/2020	12	68	150	150
12/29/2020	13	68	150	150
12/29/2020	14	70	150	150
12/29/2020	15	68	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/29/2020	16	66	150	150
12/29/2020	17	64	150	150
12/29/2020	18	70	150	150
12/29/2020	19	67	150	150
12/29/2020	20	65	149	149
12/29/2020	21	63	146	146
12/29/2020	22	59	150	150
12/29/2020	23	55	150	150
12/29/2020	24	52	132	132
12/30/2020	1	49	115	115
12/30/2020	2	47	114	114
12/30/2020	3	46	112	112
12/30/2020	4	46	111	111
12/30/2020	5	46	111	111
12/30/2020	6	48	112	112
12/30/2020	7	48	111	111
12/30/2020	8	51	113	113
12/30/2020	9	56	127	127
12/30/2020	10	59	140	140
12/30/2020	11	61	150	150
12/30/2020	12	60	150	150
12/30/2020	13	62	150	150
12/30/2020	14	62	150	150
12/30/2020	15	62	150	150
12/30/2020	16	60	150	150
12/30/2020	17	60	150	150
12/30/2020	18	67	150	150
12/30/2020	19	65	150	150
12/30/2020	20	62	150	150
12/30/2020	21	60	150	150
12/30/2020	22	58	150	150
12/30/2020	23	55	149	149
12/30/2020	24	52	131	131
12/31/2020	1	48	115	115
12/31/2020	2	47	114	114
12/31/2020	3	45	112	112
12/31/2020	4	45	111	111
12/31/2020	5	44	111	111
12/31/2020	6	47	112	112
12/31/2020	7	47	111	111
12/31/2020	8	50	113	113
12/31/2020	9	54	127	127
12/31/2020	10	56	140	140
12/31/2020	11	60	150	150
12/31/2020	12	60	150	150
12/31/2020	13	61	150	150
12/31/2020	14	63	150	150
12/31/2020	15	62	150	150
12/31/2020	16	60	150	150
12/31/2020	17	59	150	150
12/31/2020	18	65	150	150
12/31/2020	19	64	150	150
12/31/2020	20	62	150	150
12/31/2020	21	60	150	150
12/31/2020	22	59	150	150
12/31/2020	23	56	150	150
12/31/2020	24	53	133	133
1/1/2021	1	52	114	114
1/1/2021	2	49	113	113
1/1/2021	3	47	110	110
1/1/2021	4	45	109	108
1/1/2021	5	45	109	109
1/1/2021	6	44	109	109
1/1/2021	7	44	109	109
1/1/2021	8	45	110	110

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/1/2021	9	45	120	120
1/1/2021	10	48	150	150
1/1/2021	11	50	150	150
1/1/2021	12	51	150	150
1/1/2021	13	51	150	150
1/1/2021	14	52	150	150
1/1/2021	15	51	150	150
1/1/2021	16	50	150	150
1/1/2021	17	52	150	150
1/1/2021	18	61	150	150
1/1/2021	19	61	150	150
1/1/2021	20	59	150	150
1/1/2021	21	57	149	149
1/1/2021	22	53	141	141
1/1/2021	23	51	142	142
1/1/2021	24	49	124	124
1/2/2021	1	45	113	113
1/2/2021	2	44	112	112
1/2/2021	3	42	110	110
1/2/2021	4	41	104	104
1/2/2021	5	41	101	101
1/2/2021	6	45	111	111
1/2/2021	7	46	111	111
1/2/2021	8	49	115	115
1/2/2021	9	52	128	128
1/2/2021	10	55	148	148
1/2/2021	11	58	150	150
1/2/2021	12	57	149	149
1/2/2021	13	60	150	150
1/2/2021	14	61	150	150
1/2/2021	15	60	150	150
1/2/2021	16	60	150	150
1/2/2021	17	60	148	148
1/2/2021	18	67	150	150
1/2/2021	19	65	150	150
1/2/2021	20	64	148	148
1/2/2021	21	61	146	146
1/2/2021	22	59	144	144
1/2/2021	23	54	145	145
1/2/2021	24	51	126	126
1/3/2021	1	49	115	115
1/3/2021	2	47	114	114
1/3/2021	3	47	112	112
1/3/2021	4	45	111	111
1/3/2021	5	46	111	111
1/3/2021	6	47	111	111
1/3/2021	7	48	112	112
1/3/2021	8	49	114	114
1/3/2021	9	51	120	120
1/3/2021	10	55	132	132
1/3/2021	11	56	146	146
1/3/2021	12	56	146	146
1/3/2021	13	56	147	147
1/3/2021	14	58	150	150
1/3/2021	15	57	150	150
1/3/2021	16	57	149	149
1/3/2021	17	56	147	147
1/3/2021	18	65	150	150
1/3/2021	19	64	150	150
1/3/2021	20	63	148	148
1/3/2021	21	61	147	147
1/3/2021	22	57	143	143
1/3/2021	23	54	145	145
1/3/2021	24	50	127	127
1/4/2021	1	48	113	113

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/4/2021	2	47	111	111
1/4/2021	3	46	110	110
1/4/2021	4	45	109	109
1/4/2021	5	46	110	110
1/4/2021	6	49	111	111
1/4/2021	7	50	111	111
1/4/2021	8	55	114	114
1/4/2021	9	61	133	133
1/4/2021	10	64	150	150
1/4/2021	11	68	150	150
1/4/2021	12	68	150	150
1/4/2021	13	68	150	150
1/4/2021	14	71	150	150
1/4/2021	15	69	150	150
1/4/2021	16	67	150	150
1/4/2021	17	65	150	150
1/4/2021	18	69	150	150
1/4/2021	19	66	150	150
1/4/2021	20	64	147	147
1/4/2021	21	61	150	150
1/4/2021	22	58	144	144
1/4/2021	23	54	144	144
1/4/2021	24	50	127	127
1/5/2021	1	48	119	119
1/5/2021	2	47	119	116
1/5/2021	3	46	119	115
1/5/2021	4	45	119	114
1/5/2021	5	46	119	115
1/5/2021	6	49	119	116
1/5/2021	7	49	119	116
1/5/2021	8	54	119	119
1/5/2021	9	60	127	127
1/5/2021	10	64	125	125
1/5/2021	11	67	128	128
1/5/2021	12	66	128	128
1/5/2021	13	68	130	130
1/5/2021	14	69	132	132
1/5/2021	15	69	136	136
1/5/2021	16	67	131	131
1/5/2021	17	65	132	128
1/5/2021	18	70	131	131
1/5/2021	19	66	128	128
1/5/2021	20	64	124	124
1/5/2021	21	61	122	122
1/5/2021	22	58	128	128
1/5/2021	23	54	128	128
1/5/2021	24	50	122	122
1/6/2021	1	48	119	119
1/6/2021	2	46	119	116
1/6/2021	3	45	119	114
1/6/2021	4	44	119	113
1/6/2021	5	46	119	113
1/6/2021	6	48	119	115
1/6/2021	7	47	119	116
1/6/2021	8	51	120	120
1/6/2021	9	58	129	129
1/6/2021	10	63	128	128
1/6/2021	11	66	129	129
1/6/2021	12	66	129	129
1/6/2021	13	66	131	131
1/6/2021	14	67	134	134
1/6/2021	15	66	139	139
1/6/2021	16	65	133	133
1/6/2021	17	64	128	128
1/6/2021	18	69	145	145

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/6/2021	19	66	130	130
1/6/2021	20	63	126	126
1/6/2021	21	59	123	123
1/6/2021	22	55	129	129
1/6/2021	23	51	127	127
1/6/2021	24	47	123	123
1/7/2021	1	47	119	119
1/7/2021	2	46	117	117
1/7/2021	3	44	115	115
1/7/2021	4	44	114	114
1/7/2021	5	45	115	115
1/7/2021	6	48	115	115
1/7/2021	7	48	117	117
1/7/2021	8	53	120	120
1/7/2021	9	61	127	127
1/7/2021	10	65	126	126
1/7/2021	11	67	128	128
1/7/2021	12	68	128	128
1/7/2021	13	68	130	130
1/7/2021	14	70	134	134
1/7/2021	15	69	140	140
1/7/2021	16	68	134	134
1/7/2021	17	66	128	128
1/7/2021	18	71	133	133
1/7/2021	19	68	131	131
1/7/2021	20	66	127	127
1/7/2021	21	63	123	123
1/7/2021	22	59	128	128
1/7/2021	23	56	127	127
1/7/2021	24	52	123	123
1/8/2021	1	50	120	120
1/8/2021	2	48	117	117
1/8/2021	3	45	116	116
1/8/2021	4	45	115	115
1/8/2021	5	48	116	116
1/8/2021	6	49	116	116
1/8/2021	7	49	118	118
1/8/2021	8	52	121	121
1/8/2021	9	59	124	124
1/8/2021	10	64	122	122
1/8/2021	11	66	128	128
1/8/2021	12	64	128	127
1/8/2021	13	66	129	129
1/8/2021	14	68	132	132
1/8/2021	15	67	138	138
1/8/2021	16	65	133	133
1/8/2021	17	63	129	129
1/8/2021	18	69	142	139
1/8/2021	19	68	132	132
1/8/2021	20	65	132	132
1/8/2021	21	61	126	126
1/8/2021	22	59	129	129
1/8/2021	23	55	126	126
1/8/2021	24	51	123	123
1/9/2021	1	46	150	92
1/9/2021	2	44	150	91
1/9/2021	3	43	150	91
1/9/2021	4	42	150	91
1/9/2021	5	42	150	91
1/9/2021	6	46	150	96
1/9/2021	7	47	150	110
1/9/2021	8	49	150	112
1/9/2021	9	52	150	107
1/9/2021	10	55	150	109
1/9/2021	11	59	150	112

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/9/2021	12	58	150	112
1/9/2021	13	60	150	112
1/9/2021	14	61	150	113
1/9/2021	15	60	150	113
1/9/2021	16	59	150	112
1/9/2021	17	59	150	112
1/9/2021	18	65	150	119
1/9/2021	19	64	150	119
1/9/2021	20	60	150	114
1/9/2021	21	58	150	112
1/9/2021	22	54	150	110
1/9/2021	23	52	150	108
1/9/2021	24	49	150	106
1/10/2021	1	48	150	99
1/10/2021	2	46	150	98
1/10/2021	3	44	150	97
1/10/2021	4	44	150	91
1/10/2021	5	45	150	96
1/10/2021	6	47	150	98
1/10/2021	7	46	150	99
1/10/2021	8	48	150	99
1/10/2021	9	50	150	97
1/10/2021	10	53	150	106
1/10/2021	11	55	150	109
1/10/2021	12	56	150	110
1/10/2021	13	56	150	109
1/10/2021	14	58	150	109
1/10/2021	15	57	150	109
1/10/2021	16	56	150	109
1/10/2021	17	56	150	108
1/10/2021	18	64	150	127
1/10/2021	19	62	150	113
1/10/2021	20	60	150	112
1/10/2021	21	56	150	111
1/10/2021	22	53	150	108
1/10/2021	23	51	150	104
1/10/2021	24	48	150	101
1/11/2021	1	44	150	90
1/11/2021	2	43	150	90
1/11/2021	3	43	150	90
1/11/2021	4	42	150	90
1/11/2021	5	43	150	90
1/11/2021	6	46	150	96
1/11/2021	7	48	150	97
1/11/2021	8	51	150	97
1/11/2021	9	58	150	101
1/11/2021	10	64	150	112
1/11/2021	11	65	150	112
1/11/2021	12	65	150	112
1/11/2021	13	65	150	112
1/11/2021	14	66	150	112
1/11/2021	15	65	150	112
1/11/2021	16	63	150	112
1/11/2021	17	62	150	112
1/11/2021	18	67	150	112
1/11/2021	19	64	150	113
1/11/2021	20	60	150	112
1/11/2021	21	58	150	109
1/11/2021	22	54	150	105
1/11/2021	23	50	150	102
1/11/2021	24	48	150	100
1/12/2021	1	49	150	95
1/12/2021	2	47	150	94
1/12/2021	3	45	150	93
1/12/2021	4	44	150	92

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/12/2021	5	46	150	92
1/12/2021	6	49	150	95
1/12/2021	7	49	150	95
1/12/2021	8	53	150	96
1/12/2021	9	60	150	101
1/12/2021	10	65	150	115
1/12/2021	11	68	150	117
1/12/2021	12	67	150	118
1/12/2021	13	68	150	117
1/12/2021	14	70	150	126
1/12/2021	15	69	150	122
1/12/2021	16	67	150	119
1/12/2021	17	65	150	114
1/12/2021	18	70	150	141
1/12/2021	19	67	150	121
1/12/2021	20	66	150	120
1/12/2021	21	63	150	117
1/12/2021	22	59	150	113
1/12/2021	23	56	150	110
1/12/2021	24	52	150	97
1/13/2021	1	48	150	95
1/13/2021	2	47	150	94
1/13/2021	3	45	150	93
1/13/2021	4	44	150	92
1/13/2021	5	46	150	92
1/13/2021	6	48	150	95
1/13/2021	7	49	150	95
1/13/2021	8	54	150	96
1/13/2021	9	61	150	103
1/13/2021	10	65	150	116
1/13/2021	11	67	150	118
1/13/2021	12	66	150	119
1/13/2021	13	66	150	118
1/13/2021	14	68	150	117
1/13/2021	15	66	150	118
1/13/2021	16	66	150	117
1/13/2021	17	65	150	115
1/13/2021	18	68	150	125
1/13/2021	19	65	150	120
1/13/2021	20	63	150	119
1/13/2021	21	61	150	116
1/13/2021	22	56	150	113
1/13/2021	23	53	150	109
1/13/2021	24	51	150	96
1/14/2021	1	47	150	94
1/14/2021	2	46	150	93
1/14/2021	3	45	150	93
1/14/2021	4	44	150	92
1/14/2021	5	45	150	92
1/14/2021	6	50	150	94
1/14/2021	7	50	150	95
1/14/2021	8	54	150	95
1/14/2021	9	61	150	100
1/14/2021	10	63	150	114
1/14/2021	11	67	150	116
1/14/2021	12	66	150	117
1/14/2021	13	66	150	116
1/14/2021	14	68	150	120
1/14/2021	15	68	150	117
1/14/2021	16	66	150	116
1/14/2021	17	64	150	114
1/14/2021	18	69	150	136
1/14/2021	19	66	150	119
1/14/2021	20	62	150	119
1/14/2021	21	60	150	115

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/14/2021	22	56	150	111
1/14/2021	23	53	150	108
1/14/2021	24	51	150	96
1/15/2021	1	47	150	94
1/15/2021	2	46	150	94
1/15/2021	3	45	150	93
1/15/2021	4	45	150	92
1/15/2021	5	47	150	92
1/15/2021	6	49	150	94
1/15/2021	7	50	150	95
1/15/2021	8	53	150	95
1/15/2021	9	59	150	100
1/15/2021	10	63	150	117
1/15/2021	11	68	150	124
1/15/2021	12	66	150	119
1/15/2021	13	68	150	119
1/15/2021	14	68	150	119
1/15/2021	15	67	150	119
1/15/2021	16	65	150	118
1/15/2021	17	63	150	118
1/15/2021	18	69	150	133
1/15/2021	19	66	150	121
1/15/2021	20	64	150	120
1/15/2021	21	60	150	116
1/15/2021	22	57	150	114
1/15/2021	23	53	150	110
1/15/2021	24	49	150	96
1/16/2021	1	48	150	93
1/16/2021	2	47	150	93
1/16/2021	3	46	150	93
1/16/2021	4	46	150	93
1/16/2021	5	47	150	93
1/16/2021	6	48	150	93
1/16/2021	7	49	150	93
1/16/2021	8	51	150	93
1/16/2021	9	55	150	99
1/16/2021	10	57	150	116
1/16/2021	11	60	150	118
1/16/2021	12	60	150	118
1/16/2021	13	62	150	118
1/16/2021	14	64	150	119
1/16/2021	15	62	150	118
1/16/2021	16	61	150	118
1/16/2021	17	60	150	118
1/16/2021	18	67	150	121
1/16/2021	19	66	150	122
1/16/2021	20	65	150	122
1/16/2021	21	61	150	118
1/16/2021	22	58	150	115
1/16/2021	23	54	150	113
1/16/2021	24	52	150	98
1/17/2021	1	49	150	92
1/17/2021	2	48	150	92
1/17/2021	3	46	150	91
1/17/2021	4	45	150	90
1/17/2021	5	46	150	90
1/17/2021	6	47	150	92
1/17/2021	7	48	150	92
1/17/2021	8	48	150	92
1/17/2021	9	51	150	97
1/17/2021	10	54	150	112
1/17/2021	11	57	150	113
1/17/2021	12	56	150	114
1/17/2021	13	57	150	114
1/17/2021	14	57	150	114

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/17/2021	15	57	150	113
1/17/2021	16	56	150	113
1/17/2021	17	56	150	113
1/17/2021	18	64	150	122
1/17/2021	19	63	150	118
1/17/2021	20	61	150	117
1/17/2021	21	59	150	114
1/17/2021	22	56	150	110
1/17/2021	23	52	150	108
1/17/2021	24	50	150	93
1/18/2021	1	46	150	107
1/18/2021	2	44	150	107
1/18/2021	3	43	150	107
1/18/2021	4	42	124	102
1/18/2021	5	43	150	103
1/18/2021	6	46	150	107
1/18/2021	7	47	150	107
1/18/2021	8	51	150	107
1/18/2021	9	59	150	107
1/18/2021	10	64	150	113
1/18/2021	11	67	150	115
1/18/2021	12	67	150	116
1/18/2021	13	68	150	115
1/18/2021	14	69	150	116
1/18/2021	15	68	150	115
1/18/2021	16	66	150	115
1/18/2021	17	64	150	114
1/18/2021	18	69	150	124
1/18/2021	19	66	150	119
1/18/2021	20	63	150	118
1/18/2021	21	60	150	115
1/18/2021	22	57	150	111
1/18/2021	23	53	150	109
1/18/2021	24	49	150	107
1/19/2021	1	48	150	98
1/19/2021	2	46	150	96
1/19/2021	3	44	150	92
1/19/2021	4	44	150	92
1/19/2021	5	44	150	92
1/19/2021	6	48	150	99
1/19/2021	7	50	150	98
1/19/2021	8	54	150	99
1/19/2021	9	61	150	105
1/19/2021	10	65	150	141
1/19/2021	11	69	150	144
1/19/2021	12	68	150	146
1/19/2021	13	68	150	146
1/19/2021	14	69	150	146
1/19/2021	15	68	150	146
1/19/2021	16	67	150	124
1/19/2021	17	65	150	119
1/19/2021	18	71	150	143
1/19/2021	19	67	150	122
1/19/2021	20	65	150	121
1/19/2021	21	62	150	118
1/19/2021	22	58	150	115
1/19/2021	23	55	150	111
1/19/2021	24	52	150	101
1/20/2021	1	45	150	94
1/20/2021	2	44	150	94
1/20/2021	3	42	141	94
1/20/2021	4	42	136	94
1/20/2021	5	44	150	94
1/20/2021	6	48	150	106
1/20/2021	7	50	150	106

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/20/2021	8	54	150	112
1/20/2021	9	60	150	112
1/20/2021	10	64	150	118
1/20/2021	11	67	150	120
1/20/2021	12	66	150	120
1/20/2021	13	67	150	120
1/20/2021	14	68	150	120
1/20/2021	15	66	150	120
1/20/2021	16	65	150	119
1/20/2021	17	64	150	118
1/20/2021	18	68	150	120
1/20/2021	19	65	150	122
1/20/2021	20	61	150	121
1/20/2021	21	58	150	118
1/20/2021	22	54	150	115
1/20/2021	23	51	150	112
1/20/2021	24	48	150	97
1/21/2021	1	46	150	97
1/21/2021	2	45	150	95
1/21/2021	3	44	150	94
1/21/2021	4	44	150	94
1/21/2021	5	45	150	94
1/21/2021	6	49	150	97
1/21/2021	7	49	150	98
1/21/2021	8	55	150	98
1/21/2021	9	59	150	103
1/21/2021	10	63	150	115
1/21/2021	11	65	150	118
1/21/2021	12	64	150	117
1/21/2021	13	65	150	116
1/21/2021	14	67	150	116
1/21/2021	15	65	150	117
1/21/2021	16	64	150	116
1/21/2021	17	64	150	116
1/21/2021	18	68	150	120
1/21/2021	19	65	150	118
1/21/2021	20	61	150	117
1/21/2021	21	59	150	116
1/21/2021	22	56	150	113
1/21/2021	23	52	150	109
1/21/2021	24	51	150	99
1/22/2021	1	48	150	102
1/22/2021	2	47	150	102
1/22/2021	3	46	150	102
1/22/2021	4	46	150	102
1/22/2021	5	46	150	102
1/22/2021	6	50	150	102
1/22/2021	7	51	150	102
1/22/2021	8	55	150	102
1/22/2021	9	61	150	103
1/22/2021	10	65	150	114
1/22/2021	11	67	150	117
1/22/2021	12	66	150	118
1/22/2021	13	66	150	116
1/22/2021	14	68	150	118
1/22/2021	15	67	150	118
1/22/2021	16	66	150	118
1/22/2021	17	66	150	115
1/22/2021	18	68	150	117
1/22/2021	19	64	150	119
1/22/2021	20	61	150	119
1/22/2021	21	59	150	115
1/22/2021	22	56	150	111
1/22/2021	23	52	150	109
1/22/2021	24	51	150	99

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ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/23/2021	1	49	150	102
1/23/2021	2	48	150	102
1/23/2021	3	46	150	102
1/23/2021	4	46	150	102
1/23/2021	5	46	150	102
1/23/2021	6	49	150	102
1/23/2021	7	49	150	102
1/23/2021	8	52	150	102
1/23/2021	9	56	150	103
1/23/2021	10	59	150	112
1/23/2021	11	61	150	113
1/23/2021	12	61	150	113
1/23/2021	13	63	150	113
1/23/2021	14	64	150	114
1/23/2021	15	63	150	115
1/23/2021	16	61	150	114
1/23/2021	17	61	150	113
1/23/2021	18	67	150	117
1/23/2021	19	64	150	119
1/23/2021	20	62	150	120
1/23/2021	21	60	150	117
1/23/2021	22	56	150	114
1/23/2021	23	52	150	111
1/23/2021	24	50	150	99
1/24/2021	1	49	150	102
1/24/2021	2	47	150	102
1/24/2021	3	45	150	102
1/24/2021	4	44	150	94
1/24/2021	5	44	150	94
1/24/2021	6	46	150	97
1/24/2021	7	47	150	98
1/24/2021	8	47	150	98
1/24/2021	9	49	150	93
1/24/2021	10	51	150	101
1/24/2021	11	53	150	114
1/24/2021	12	53	150	113
1/24/2021	13	53	150	114
1/24/2021	14	54	150	114
1/24/2021	15	54	150	114
1/24/2021	16	53	150	114
1/24/2021	17	52	150	114
1/24/2021	18	62	150	116
1/24/2021	19	61	150	118
1/24/2021	20	60	150	118
1/24/2021	21	57	150	115
1/24/2021	22	53	150	112
1/24/2021	23	51	150	107
1/24/2021	24	48	150	100
1/25/2021	1	46	150	96
1/25/2021	2	45	150	96
1/25/2021	3	44	140	96
1/25/2021	4	42	118	96
1/25/2021	5	43	125	96
1/25/2021	6	47	150	97
1/25/2021	7	50	150	98
1/25/2021	8	53	150	98
1/25/2021	9	60	150	109
1/25/2021	10	63	150	115
1/25/2021	11	66	150	117
1/25/2021	12	66	150	116
1/25/2021	13	64	150	116
1/25/2021	14	66	150	116
1/25/2021	15	66	150	116
1/25/2021	16	65	150	116
1/25/2021	17	64	150	116

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ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/25/2021	18	68	150	131
1/25/2021	19	65	150	120
1/25/2021	20	62	150	120
1/25/2021	21	60	150	116
1/25/2021	22	55	150	110
1/25/2021	23	53	150	108
1/25/2021	24	50	150	99
1/26/2021	1	49	150	96
1/26/2021	2	48	150	95
1/26/2021	3	46	150	94
1/26/2021	4	46	150	94
1/26/2021	5	46	150	94
1/26/2021	6	50	150	96
1/26/2021	7	53	150	98
1/26/2021	8	54	150	97
1/26/2021	9	61	150	102
1/26/2021	10	65	150	117
1/26/2021	11	66	150	119
1/26/2021	12	65	150	119
1/26/2021	13	66	150	119
1/26/2021	14	69	150	119
1/26/2021	15	68	150	120
1/26/2021	16	66	150	119
1/26/2021	17	64	150	116
1/26/2021	18	69	150	135
1/26/2021	19	66	150	121
1/26/2021	20	62	150	121
1/26/2021	21	60	150	117
1/26/2021	22	55	150	114
1/26/2021	23	52	150	109
1/26/2021	24	50	150	99
1/27/2021	1	49	150	95
1/27/2021	2	47	150	95
1/27/2021	3	46	150	95
1/27/2021	4	45	150	95
1/27/2021	5	46	150	95
1/27/2021	6	51	150	104
1/27/2021	7	52	150	103
1/27/2021	8	54	150	102
1/27/2021	9	62	150	107
1/27/2021	10	67	150	122
1/27/2021	11	70	150	131
1/27/2021	12	69	150	123
1/27/2021	13	70	150	135
1/27/2021	14	74	150	139
1/27/2021	15	73	150	142
1/27/2021	16	72	150	142
1/27/2021	17	67	150	140
1/27/2021	18	72	150	142
1/27/2021	19	68	150	137
1/27/2021	20	66	150	136
1/27/2021	21	64	150	135
1/27/2021	22	60	150	122
1/27/2021	23	56	150	106
1/27/2021	24	53	150	102
1/28/2021	1	49	119	119
1/28/2021	2	48	118	118
1/28/2021	3	48	116	116
1/28/2021	4	47	114	114
1/28/2021	5	48	116	116
1/28/2021	6	51	118	118
1/28/2021	7	52	121	121
1/28/2021	8	56	125	125
1/28/2021	9	64	130	130
1/28/2021	10	69	126	126

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/28/2021	11	72	128	128
1/28/2021	12	70	128	128
1/28/2021	13	73	128	128
1/28/2021	14	75	131	131
1/28/2021	15	75	135	135
1/28/2021	16	73	131	131
1/28/2021	17	68	129	129
1/28/2021	18	70	127	127
1/28/2021	19	69	129	129
1/28/2021	20	68	126	126
1/28/2021	21	66	133	133
1/28/2021	22	62	128	128
1/28/2021	23	58	126	126
1/28/2021	24	58	122	122
1/29/2021	1	52	121	121
1/29/2021	2	49	119	119
1/29/2021	3	48	117	117
1/29/2021	4	48	116	116
1/29/2021	5	48	117	117
1/29/2021	6	52	119	119
1/29/2021	7	53	120	120
1/29/2021	8	56	122	122
1/29/2021	9	63	128	128
1/29/2021	10	68	123	123
1/29/2021	11	72	132	132
1/29/2021	12	70	125	125
1/29/2021	13	71	127	127
1/29/2021	14	74	134	134
1/29/2021	15	73	137	137
1/29/2021	16	70	132	132
1/29/2021	17	66	129	129
1/29/2021	18	69	128	128
1/29/2021	19	68	129	129
1/29/2021	20	66	127	127
1/29/2021	21	64	123	123
1/29/2021	22	60	130	130
1/29/2021	23	56	128	128
1/29/2021	24	52	124	124
1/30/2021	1	50	118	118
1/30/2021	2	48	117	117
1/30/2021	3	47	115	115
1/30/2021	4	46	114	114
1/30/2021	5	46	114	114
1/30/2021	6	49	116	116
1/30/2021	7	49	116	116
1/30/2021	8	52	117	117
1/30/2021	9	57	116	116
1/30/2021	10	59	120	120
1/30/2021	11	64	115	115
1/30/2021	12	63	115	115
1/30/2021	13	64	117	117
1/30/2021	14	64	118	118
1/30/2021	15	63	117	117
1/30/2021	16	61	117	117
1/30/2021	17	61	119	119
1/30/2021	18	68	125	125
1/30/2021	19	67	127	127
1/30/2021	20	65	124	124
1/30/2021	21	62	133	133
1/30/2021	22	60	128	128
1/30/2021	23	56	126	126
1/30/2021	24	53	122	122
1/31/2021	1	49	116	116
1/31/2021	2	48	115	115
1/31/2021	3	46	113	113

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/31/2021	4	45	112	112
1/31/2021	5	45	113	113
1/31/2021	6	47	114	114
1/31/2021	7	48	114	114
1/31/2021	8	49	114	114
1/31/2021	9	50	117	117
1/31/2021	10	54	120	120
1/31/2021	11	56	123	123
1/31/2021	12	58	124	124
1/31/2021	13	58	124	124
1/31/2021	14	59	126	126
1/31/2021	15	59	125	125
1/31/2021	16	57	125	125
1/31/2021	17	56	124	124
1/31/2021	18	62	127	127
1/31/2021	19	61	125	125
1/31/2021	20	61	123	122
1/31/2021	21	59	128	128
1/31/2021	22	57	120	120
1/31/2021	23	53	119	119
1/31/2021	24	50	115	115
2/1/2021	1	47	121	121
2/1/2021	2	46	120	120
2/1/2021	3	44	116	115
2/1/2021	4	44	115	115
2/1/2021	5	45	116	116
2/1/2021	6	49	117	117
2/1/2021	7	51	120	120
2/1/2021	8	54	122	122
2/1/2021	9	63	127	127
2/1/2021	10	67	122	122
2/1/2021	11	71	122	122
2/1/2021	12	70	122	122
2/1/2021	13	72	127	127
2/1/2021	14	74	132	132
2/1/2021	15	73	128	128
2/1/2021	16	71	128	128
2/1/2021	17	67	125	125
2/1/2021	18	68	128	128
2/1/2021	19	68	129	129
2/1/2021	20	66	124	124
2/1/2021	21	64	133	133
2/1/2021	22	60	129	129
2/1/2021	23	57	128	128
2/1/2021	24	53	123	123
2/2/2021	1	50	119	119
2/2/2021	2	49	117	117
2/2/2021	3	48	115	115
2/2/2021	4	48	114	114
2/2/2021	5	48	115	115
2/2/2021	6	51	116	116
2/2/2021	7	52	117	117
2/2/2021	8	56	120	120
2/2/2021	9	63	128	128
2/2/2021	10	68	131	131
2/2/2021	11	72	137	137
2/2/2021	12	71	131	131
2/2/2021	13	72	142	142
2/2/2021	14	74	148	148
2/2/2021	15	72	146	145
2/2/2021	16	70	143	143
2/2/2021	17	67	136	135
2/2/2021	18	69	144	144
2/2/2021	19	67	136	135
2/2/2021	20	66	135	135

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/2/2021	21	63	132	132
2/2/2021	22	60	128	128
2/2/2021	23	55	127	127
2/2/2021	24	52	124	124
2/3/2021	1	48	116	116
2/3/2021	2	46	114	114
2/3/2021	3	44	113	113
2/3/2021	4	44	112	112
2/3/2021	5	46	112	112
2/3/2021	6	49	115	115
2/3/2021	7	50	116	116
2/3/2021	8	54	118	118
2/3/2021	9	61	125	125
2/3/2021	10	66	122	122
2/3/2021	11	69	126	126
2/3/2021	12	68	127	127
2/3/2021	13	69	127	127
2/3/2021	14	71	132	132
2/3/2021	15	70	138	138
2/3/2021	16	68	131	131
2/3/2021	17	65	127	127
2/3/2021	18	66	125	125
2/3/2021	19	65	128	128
2/3/2021	20	64	126	126
2/3/2021	21	61	125	125
2/3/2021	22	57	131	131
2/3/2021	23	55	127	127
2/3/2021	24	51	121	121
2/4/2021	1	48	116	116
2/4/2021	2	46	114	114
2/4/2021	3	44	113	113
2/4/2021	4	44	112	112
2/4/2021	5	46	112	112
2/4/2021	6	49	115	115
2/4/2021	7	50	116	116
2/4/2021	8	54	118	118
2/4/2021	9	61	125	125
2/4/2021	10	66	122	122
2/4/2021	11	69	126	126
2/4/2021	12	68	127	127
2/4/2021	13	69	127	127
2/4/2021	14	71	132	132
2/4/2021	15	70	138	138
2/4/2021	16	68	131	131
2/4/2021	17	65	127	127
2/4/2021	18	66	125	125
2/4/2021	19	65	128	128
2/4/2021	20	64	126	126
2/4/2021	21	61	125	125
2/4/2021	22	57	131	131
2/4/2021	23	55	127	127
2/4/2021	24	51	121	121
2/5/2021	1	48	119	119
2/5/2021	2	46	118	118
2/5/2021	3	45	116	116
2/5/2021	4	44	114	113
2/5/2021	5	45	115	115
2/5/2021	6	49	117	117
2/5/2021	7	49	118	118
2/5/2021	8	54	121	121
2/5/2021	9	61	130	130
2/5/2021	10	66	137	137
2/5/2021	11	68	129	129
2/5/2021	12	67	130	130
2/5/2021	13	68	131	131

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/5/2021	14	71	133	133
2/5/2021	15	70	137	137
2/5/2021	16	68	131	131
2/5/2021	17	64	127	127
2/5/2021	18	66	130	130
2/5/2021	19	64	128	128
2/5/2021	20	64	125	125
2/5/2021	21	62	123	123
2/5/2021	22	59	128	128
2/5/2021	23	55	127	127
2/5/2021	24	52	123	123
2/6/2021	1	49	119	119
2/6/2021	2	47	118	118
2/6/2021	3	46	116	116
2/6/2021	4	46	114	114
2/6/2021	5	47	115	115
2/6/2021	6	50	117	117
2/6/2021	7	52	118	118
2/6/2021	8	54	119	119
2/6/2021	9	56	119	119
2/6/2021	10	59	122	122
2/6/2021	11	62	116	116
2/6/2021	12	61	116	116
2/6/2021	13	60	119	119
2/6/2021	14	62	127	127
2/6/2021	15	61	131	131
2/6/2021	16	61	125	125
2/6/2021	17	60	123	123
2/6/2021	18	64	124	124
2/6/2021	19	63	128	128
2/6/2021	20	61	126	126
2/6/2021	21	60	124	124
2/6/2021	22	56	130	130
2/6/2021	23	52	126	126
2/6/2021	24	48	123	123
2/7/2021	1	48	117	117
2/7/2021	2	46	116	116
2/7/2021	3	45	114	114
2/7/2021	4	44	113	113
2/7/2021	5	44	113	113
2/7/2021	6	46	115	115
2/7/2021	7	48	114	114
2/7/2021	8	48	114	114
2/7/2021	9	50	117	117
2/7/2021	10	53	122	122
2/7/2021	11	54	125	125
2/7/2021	12	54	125	125
2/7/2021	13	55	125	125
2/7/2021	14	56	126	126
2/7/2021	15	55	125	125
2/7/2021	16	54	124	124
2/7/2021	17	54	124	124
2/7/2021	18	62	124	124
2/7/2021	19	61	133	133
2/7/2021	20	60	123	123
2/7/2021	21	58	130	130
2/7/2021	22	55	119	119
2/7/2021	23	52	120	120
2/7/2021	24	49	115	115
2/8/2021	1	46	121	121
2/8/2021	2	45	114	114
2/8/2021	3	43	105	104
2/8/2021	4	42	98	98
2/8/2021	5	44	107	107
2/8/2021	6	47	118	118

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/8/2021	7	50	119	119
2/8/2021	8	53	122	122
2/8/2021	9	59	129	129
2/8/2021	10	64	122	122
2/8/2021	11	66	126	126
2/8/2021	12	65	128	128
2/8/2021	13	66	129	129
2/8/2021	14	70	132	132
2/8/2021	15	68	136	136
2/8/2021	16	65	133	133
2/8/2021	17	62	130	130
2/8/2021	18	65	127	127
2/8/2021	19	64	130	130
2/8/2021	20	62	128	128
2/8/2021	21	59	125	125
2/8/2021	22	57	129	129
2/8/2021	23	53	128	128
2/8/2021	24	50	125	125
2/9/2021	1	48	118	118
2/9/2021	2	46	116	116
2/9/2021	3	44	115	115
2/9/2021	4	44	114	114
2/9/2021	5	44	114	114
2/9/2021	6	48	116	116
2/9/2021	7	50	116	116
2/9/2021	8	54	118	118
2/9/2021	9	60	128	128
2/9/2021	10	65	125	125
2/9/2021	11	68	131	131
2/9/2021	12	67	130	130
2/9/2021	13	69	132	132
2/9/2021	14	71	135	134
2/9/2021	15	70	139	139
2/9/2021	16	68	133	133
2/9/2021	17	64	128	128
2/9/2021	18	66	137	137
2/9/2021	19	66	130	130
2/9/2021	20	64	128	128
2/9/2021	21	62	129	129
2/9/2021	22	58	131	131
2/9/2021	23	55	125	125
2/9/2021	24	51	122	122
2/10/2021	1	48	121	121
2/10/2021	2	46	120	120
2/10/2021	3	45	118	118
2/10/2021	4	44	115	114
2/10/2021	5	44	117	117
2/10/2021	6	48	119	119
2/10/2021	7	51	120	120
2/10/2021	8	54	121	121
2/10/2021	9	60	129	129
2/10/2021	10	65	126	126
2/10/2021	11	68	129	129
2/10/2021	12	66	130	130
2/10/2021	13	68	132	132
2/10/2021	14	70	134	134
2/10/2021	15	69	139	139
2/10/2021	16	67	132	132
2/10/2021	17	63	129	129
2/10/2021	18	66	128	128
2/10/2021	19	65	130	130
2/10/2021	20	62	128	128
2/10/2021	21	61	125	125
2/10/2021	22	57	130	130
2/10/2021	23	53	129	129

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/10/2021	24	50	124	124
2/11/2021	1	49	122	122
2/11/2021	2	48	120	120
2/11/2021	3	46	117	117
2/11/2021	4	45	116	116
2/11/2021	5	46	117	117
2/11/2021	6	49	119	119
2/11/2021	7	50	119	119
2/11/2021	8	54	121	121
2/11/2021	9	62	130	130
2/11/2021	10	66	142	125
2/11/2021	11	70	147	130
2/11/2021	12	69	148	130
2/11/2021	13	70	147	131
2/11/2021	14	72	149	135
2/11/2021	15	71	149	140
2/11/2021	16	69	135	135
2/11/2021	17	65	129	129
2/11/2021	18	66	129	129
2/11/2021	19	67	130	130
2/11/2021	20	65	128	128
2/11/2021	21	63	126	126
2/11/2021	22	59	131	131
2/11/2021	23	56	128	128
2/11/2021	24	52	125	125
2/12/2021	1	50	121	121
2/12/2021	2	48	120	120
2/12/2021	3	46	119	119
2/12/2021	4	46	117	117
2/12/2021	5	47	118	118
2/12/2021	6	50	119	119
2/12/2021	7	51	121	121
2/12/2021	8	54	123	123
2/12/2021	9	56	132	132
2/12/2021	10	59	134	128
2/12/2021	11	62	138	131
2/12/2021	12	61	138	131
2/12/2021	13	62	139	133
2/12/2021	14	64	139	137
2/12/2021	15	63	142	142
2/12/2021	16	61	136	136
2/12/2021	17	60	132	132
2/12/2021	18	64	128	128
2/12/2021	19	66	129	129
2/12/2021	20	64	126	126
2/12/2021	21	63	124	124
2/12/2021	22	60	130	130
2/12/2021	23	56	129	129
2/12/2021	24	53	125	125
2/13/2021	1	49	117	117
2/13/2021	2	47	116	116
2/13/2021	3	47	114	114
2/13/2021	4	46	113	113
2/13/2021	5	47	113	113
2/13/2021	6	50	115	115
2/13/2021	7	52	114	114
2/13/2021	8	53	114	114
2/13/2021	9	56	117	117
2/13/2021	10	59	122	122
2/13/2021	11	62	125	125
2/13/2021	12	61	125	125
2/13/2021	13	63	125	125
2/13/2021	14	65	126	126
2/13/2021	15	64	125	125
2/13/2021	16	61	124	124

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/13/2021	17	60	124	124
2/13/2021	18	65	135	134
2/13/2021	19	67	133	133
2/13/2021	20	64	127	126
2/13/2021	21	61	130	130
2/13/2021	22	58	119	119
2/13/2021	23	55	120	120
2/13/2021	24	52	115	115
2/14/2021	1	48	121	121
2/14/2021	2	47	119	119
2/14/2021	3	45	117	117
2/14/2021	4	44	116	116
2/14/2021	5	45	116	116
2/14/2021	6	46	118	118
2/14/2021	7	48	119	119
2/14/2021	8	48	122	122
2/14/2021	9	50	115	115
2/14/2021	10	53	115	115
2/14/2021	11	55	126	126
2/14/2021	12	55	128	128
2/14/2021	13	56	129	129
2/14/2021	14	56	132	132
2/14/2021	15	55	136	136
2/14/2021	16	55	133	133
2/14/2021	17	54	130	130
2/14/2021	18	61	127	127
2/14/2021	19	62	130	130
2/14/2021	20	60	128	128
2/14/2021	21	58	125	125
2/14/2021	22	55	129	129
2/14/2021	23	52	128	128
2/14/2021	24	49	125	125
2/15/2021	1	46	119	119
2/15/2021	2	45	118	118
2/15/2021	3	43	106	106
2/15/2021	4	43	106	106
2/15/2021	5	45	116	116
2/15/2021	6	49	118	118
2/15/2021	7	51	121	121
2/15/2021	8	55	125	125
2/15/2021	9	61	130	130
2/15/2021	10	65	126	126
2/15/2021	11	69	128	128
2/15/2021	12	68	128	128
2/15/2021	13	70	128	128
2/15/2021	14	72	133	132
2/15/2021	15	70	135	135
2/15/2021	16	69	131	131
2/15/2021	17	64	129	129
2/15/2021	18	66	135	134
2/15/2021	19	68	137	137
2/15/2021	20	64	126	126
2/15/2021	21	61	133	133
2/15/2021	22	59	128	128
2/15/2021	23	55	126	126
2/15/2021	24	52	122	122
2/16/2021	1	50	121	121
2/16/2021	2	48	119	119
2/16/2021	3	46	118	118
2/16/2021	4	45	117	117
2/16/2021	5	47	117	117
2/16/2021	6	50	118	118
2/16/2021	7	51	119	119
2/16/2021	8	55	122	122
2/16/2021	9	63	129	129

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/16/2021	10	67	135	135
2/16/2021	11	70	140	140
2/16/2021	12	69	137	137
2/16/2021	13	71	139	138
2/16/2021	14	73	144	144
2/16/2021	15	71	140	140
2/16/2021	16	69	134	134
2/16/2021	17	65	134	133
2/16/2021	18	66	142	141
2/16/2021	19	68	138	138
2/16/2021	20	65	132	132
2/16/2021	21	63	127	127
2/16/2021	22	61	131	131
2/16/2021	23	56	129	129
2/16/2021	24	53	125	125
2/17/2021	1	50	122	122
2/17/2021	2	48	119	119
2/17/2021	3	47	118	118
2/17/2021	4	46	117	117
2/17/2021	5	47	117	117
2/17/2021	6	49	119	119
2/17/2021	7	49	119	119
2/17/2021	8	53	120	120
2/17/2021	9	61	126	126
2/17/2021	10	66	124	124
2/17/2021	11	70	138	137
2/17/2021	12	69	130	130
2/17/2021	13	71	133	133
2/17/2021	14	73	146	145
2/17/2021	15	72	140	140
2/17/2021	16	70	133	133
2/17/2021	17	65	130	130
2/17/2021	18	66	128	128
2/17/2021	19	66	132	132
2/17/2021	20	63	129	129
2/17/2021	21	60	127	127
2/17/2021	22	57	132	132
2/17/2021	23	53	131	131
2/17/2021	24	51	125	125
2/18/2021	1	47	122	122
2/18/2021	2	45	120	120
2/18/2021	3	44	118	118
2/18/2021	4	44	116	116
2/18/2021	5	46	117	117
2/18/2021	6	50	120	120
2/18/2021	7	51	120	120
2/18/2021	8	55	121	121
2/18/2021	9	63	129	129
2/18/2021	10	68	127	127
2/18/2021	11	70	130	130
2/18/2021	12	69	129	129
2/18/2021	13	70	130	130
2/18/2021	14	72	133	133
2/18/2021	15	71	139	139
2/18/2021	16	69	134	134
2/18/2021	17	65	129	129
2/18/2021	18	66	128	128
2/18/2021	19	67	131	131
2/18/2021	20	63	128	128
2/18/2021	21	60	126	126
2/18/2021	22	56	132	132
2/18/2021	23	52	130	130
2/18/2021	24	50	125	125
2/19/2021	1	47	121	121
2/19/2021	2	45	120	120

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/19/2021	3	44	118	118
2/19/2021	4	44	115	115
2/19/2021	5	44	116	116
2/19/2021	6	49	119	119
2/19/2021	7	50	119	119
2/19/2021	8	53	122	122
2/19/2021	9	59	129	129
2/19/2021	10	65	124	124
2/19/2021	11	67	130	130
2/19/2021	12	67	129	129
2/19/2021	13	69	128	128
2/19/2021	14	71	133	133
2/19/2021	15	69	138	138
2/19/2021	16	66	133	133
2/19/2021	17	63	130	130
2/19/2021	18	64	128	128
2/19/2021	19	65	130	130
2/19/2021	20	63	128	128
2/19/2021	21	60	128	128
2/19/2021	22	56	133	133
2/19/2021	23	53	130	130
2/19/2021	24	50	125	125
2/20/2021	1	46	122	122
2/20/2021	2	45	121	121
2/20/2021	3	44	119	119
2/20/2021	4	43	118	117
2/20/2021	5	45	119	119
2/20/2021	6	48	120	120
2/20/2021	7	49	122	122
2/20/2021	8	51	126	126
2/20/2021	9	56	132	132
2/20/2021	10	59	126	126
2/20/2021	11	62	129	129
2/20/2021	12	61	129	129
2/20/2021	13	61	130	130
2/20/2021	14	63	131	131
2/20/2021	15	62	130	130
2/20/2021	16	61	129	129
2/20/2021	17	60	126	126
2/20/2021	18	63	125	125
2/20/2021	19	65	129	129
2/20/2021	20	62	126	126
2/20/2021	21	59	124	124
2/20/2021	22	56	130	130
2/20/2021	23	52	129	129
2/20/2021	24	50	125	125
2/21/2021	1	46	120	120
2/21/2021	2	45	119	119
2/21/2021	3	44	117	117
2/21/2021	4	44	115	115
2/21/2021	5	44	116	116
2/21/2021	6	46	118	118
2/21/2021	7	46	119	119
2/21/2021	8	47	122	122
2/21/2021	9	49	126	126
2/21/2021	10	52	119	119
2/21/2021	11	54	123	123
2/21/2021	12	54	123	123
2/21/2021	13	55	123	123
2/21/2021	14	56	125	125
2/21/2021	15	54	126	126
2/21/2021	16	53	125	125
2/21/2021	17	54	122	122
2/21/2021	18	58	127	127
2/21/2021	19	61	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/21/2021	20	59	129	129
2/21/2021	21	56	126	126
2/21/2021	22	54	133	133
2/21/2021	23	50	129	129
2/21/2021	24	47	124	124
2/22/2021	1	46	119	119
2/22/2021	2	44	118	118
2/22/2021	3	43	116	116
2/22/2021	4	42	111	111
2/22/2021	5	43	116	116
2/22/2021	6	47	118	118
2/22/2021	7	49	121	121
2/22/2021	8	53	125	125
2/22/2021	9	60	130	130
2/22/2021	10	66	126	126
2/22/2021	11	69	128	128
2/22/2021	12	68	128	128
2/22/2021	13	71	128	128
2/22/2021	14	73	132	132
2/22/2021	15	72	135	135
2/22/2021	16	69	131	131
2/22/2021	17	65	129	129
2/22/2021	18	66	127	127
2/22/2021	19	67	129	129
2/22/2021	20	63	126	126
2/22/2021	21	60	133	133
2/22/2021	22	57	128	128
2/22/2021	23	54	126	126
2/22/2021	24	51	122	122
2/23/2021	1	48	118	118
2/23/2021	2	46	116	116
2/23/2021	3	45	115	115
2/23/2021	4	45	114	114
2/23/2021	5	46	115	115
2/23/2021	6	49	116	116
2/23/2021	7	50	116	116
2/23/2021	8	55	117	117
2/23/2021	9	62	128	128
2/23/2021	10	67	128	127
2/23/2021	11	70	127	127
2/23/2021	12	69	129	129
2/23/2021	13	71	132	132
2/23/2021	14	73	137	137
2/23/2021	15	72	137	137
2/23/2021	16	69	134	134
2/23/2021	17	65	129	129
2/23/2021	18	66	132	132
2/23/2021	19	66	130	130
2/23/2021	20	63	127	127
2/23/2021	21	61	126	126
2/23/2021	22	57	132	132
2/23/2021	23	54	129	129
2/23/2021	24	51	123	123
2/24/2021	1	50	120	120
2/24/2021	2	48	118	118
2/24/2021	3	47	116	116
2/24/2021	4	46	115	115
2/24/2021	5	47	115	115
2/24/2021	6	49	118	118
2/24/2021	7	51	120	120
2/24/2021	8	56	121	121
2/24/2021	9	62	126	126
2/24/2021	10	66	123	123
2/24/2021	11	70	126	126
2/24/2021	12	69	128	128

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/24/2021	13	71	132	131
2/24/2021	14	74	140	140
2/24/2021	15	72	137	137
2/24/2021	16	71	132	132
2/24/2021	17	66	127	127
2/24/2021	18	66	127	127
2/24/2021	19	67	132	132
2/24/2021	20	66	129	129
2/24/2021	21	63	127	127
2/24/2021	22	60	132	132
2/24/2021	23	56	129	129
2/24/2021	24	52	125	125
2/25/2021	1	51	121	121
2/25/2021	2	48	120	120
2/25/2021	3	47	117	117
2/25/2021	4	46	116	116
2/25/2021	5	47	116	116
2/25/2021	6	48	119	119
2/25/2021	7	48	120	120
2/25/2021	8	50	122	122
2/25/2021	9	55	131	131
2/25/2021	10	60	125	125
2/25/2021	11	63	129	129
2/25/2021	12	62	130	130
2/25/2021	13	63	131	131
2/25/2021	14	65	132	132
2/25/2021	15	64	132	132
2/25/2021	16	63	133	133
2/25/2021	17	61	127	127
2/25/2021	18	65	126	126
2/25/2021	19	68	130	130
2/25/2021	20	65	127	127
2/25/2021	21	62	126	126
2/25/2021	22	60	129	129
2/25/2021	23	55	127	127
2/25/2021	24	52	125	125
2/26/2021	1	49	121	121
2/26/2021	2	46	120	120
2/26/2021	3	45	117	117
2/26/2021	4	45	116	116
2/26/2021	5	46	117	117
2/26/2021	6	49	119	119
2/26/2021	7	51	120	120
2/26/2021	8	55	124	124
2/26/2021	9	63	131	131
2/26/2021	10	68	142	142
2/26/2021	11	72	150	150
2/26/2021	12	71	150	150
2/26/2021	13	73	150	150
2/26/2021	14	74	150	150
2/26/2021	15	73	150	150
2/26/2021	16	70	150	150
2/26/2021	17	66	136	136
2/26/2021	18	66	141	141
2/26/2021	19	68	142	142
2/26/2021	20	66	135	134
2/26/2021	21	63	127	127
2/26/2021	22	60	124	124
2/26/2021	23	56	123	123
2/26/2021	24	52	119	119
2/27/2021	1	49	124	124
2/27/2021	2	48	124	124
2/27/2021	3	47	119	119
2/27/2021	4	45	117	117
2/27/2021	5	46	117	117

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/27/2021	6	49	120	120
2/27/2021	7	50	119	119
2/27/2021	8	51	120	120
2/27/2021	9	57	122	122
2/27/2021	10	61	127	127
2/27/2021	11	64	123	123
2/27/2021	12	64	125	125
2/27/2021	13	66	126	126
2/27/2021	14	68	128	128
2/27/2021	15	67	135	135
2/27/2021	16	64	130	130
2/27/2021	17	61	127	127
2/27/2021	18	64	132	132
2/27/2021	19	68	136	136
2/27/2021	20	65	127	127
2/27/2021	21	63	126	126
2/27/2021	22	60	130	130
2/27/2021	23	57	128	128
2/27/2021	24	53	123	123
2/28/2021	1	49	124	124
2/28/2021	2	47	124	124
2/28/2021	3	45	119	119
2/28/2021	4	44	117	117
2/28/2021	5	44	117	116
2/28/2021	6	46	120	120
2/28/2021	7	48	119	119
2/28/2021	8	48	120	120
2/28/2021	9	50	122	122
2/28/2021	10	53	127	127
2/28/2021	11	54	123	123
2/28/2021	12	56	125	125
2/28/2021	13	56	125	125
2/28/2021	14	57	128	128
2/28/2021	15	55	135	135
2/28/2021	16	54	130	130
2/28/2021	17	54	127	127
2/28/2021	18	61	127	127
2/28/2021	19	64	131	131
2/28/2021	20	62	127	127
2/28/2021	21	58	126	126
2/28/2021	22	56	130	130
2/28/2021	23	52	128	128
2/28/2021	24	49	123	123
3/1/2021	1	48	124	124
3/1/2021	2	46	124	124
3/1/2021	3	44	108	108
3/1/2021	4	43	105	105
3/1/2021	5	45	114	114
3/1/2021	6	49	120	120
3/1/2021	7	50	119	119
3/1/2021	8	54	120	120
3/1/2021	9	61	122	122
3/1/2021	10	66	127	127
3/1/2021	11	70	123	123
3/1/2021	12	69	125	125
3/1/2021	13	71	125	125
3/1/2021	14	74	129	129
3/1/2021	15	72	135	135
3/1/2021	16	70	130	130
3/1/2021	17	66	127	127
3/1/2021	18	66	127	127
3/1/2021	19	67	131	131
3/1/2021	20	65	127	127
3/1/2021	21	63	126	126
3/1/2021	22	60	130	130

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/1/2021	23	56	128	128
3/1/2021	24	53	123	123
3/2/2021	1	51	120	120
3/2/2021	2	49	119	119
3/2/2021	3	48	117	117
3/2/2021	4	47	115	115
3/2/2021	5	47	116	116
3/2/2021	6	51	119	119
3/2/2021	7	52	120	120
3/2/2021	8	57	122	122
3/2/2021	9	65	127	127
3/2/2021	10	69	124	124
3/2/2021	11	73	127	127
3/2/2021	12	73	128	128
3/2/2021	13	73	128	128
3/2/2021	14	76	129	129
3/2/2021	15	74	130	130
3/2/2021	16	72	130	130
3/2/2021	17	67	126	126
3/2/2021	18	67	126	126
3/2/2021	19	70	131	131
3/2/2021	20	67	127	127
3/2/2021	21	65	125	125
3/2/2021	22	62	131	131
3/2/2021	23	58	129	129
3/2/2021	24	54	124	124
3/3/2021	1	51	122	122
3/3/2021	2	50	121	121
3/3/2021	3	48	119	119
3/3/2021	4	47	117	117
3/3/2021	5	48	118	118
3/3/2021	6	51	121	121
3/3/2021	7	51	122	122
3/3/2021	8	56	123	123
3/3/2021	9	64	131	131
3/3/2021	10	68	124	124
3/3/2021	11	73	128	128
3/3/2021	12	71	129	129
3/3/2021	13	73	130	130
3/3/2021	14	76	132	132
3/3/2021	15	75	132	132
3/3/2021	16	72	133	133
3/3/2021	17	67	128	128
3/3/2021	18	67	126	126
3/3/2021	19	70	130	130
3/3/2021	20	67	128	128
3/3/2021	21	66	128	128
3/3/2021	22	62	131	131
3/3/2021	23	59	131	131
3/3/2021	24	54	127	127
3/4/2021	1	52	123	123
3/4/2021	2	50	120	120
3/4/2021	3	49	118	118
3/4/2021	4	48	117	117
3/4/2021	5	47	118	118
3/4/2021	6	52	118	118
3/4/2021	7	53	118	118
3/4/2021	8	58	119	119
3/4/2021	9	65	125	125
3/4/2021	10	70	130	130
3/4/2021	11	76	150	150
3/4/2021	12	75	149	149
3/4/2021	13	76	150	150
3/4/2021	14	79	150	150
3/4/2021	15	77	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/4/2021	16	74	137	136
3/4/2021	17	69	126	126
3/4/2021	18	70	149	148
3/4/2021	19	72	150	150
3/4/2021	20	70	137	136
3/4/2021	21	68	131	131
3/4/2021	22	64	130	130
3/4/2021	23	60	128	128
3/4/2021	24	56	123	123
3/5/2021	1	53	122	122
3/5/2021	2	50	119	119
3/5/2021	3	48	117	117
3/5/2021	4	48	116	116
3/5/2021	5	48	117	117
3/5/2021	6	52	118	118
3/5/2021	7	53	119	119
3/5/2021	8	57	120	120
3/5/2021	9	65	125	125
3/5/2021	10	70	138	137
3/5/2021	11	75	150	150
3/5/2021	12	73	140	140
3/5/2021	13	75	150	150
3/5/2021	14	77	150	150
3/5/2021	15	76	150	150
3/5/2021	16	73	150	149
3/5/2021	17	67	125	125
3/5/2021	18	68	134	134
3/5/2021	19	70	141	140
3/5/2021	20	68	133	133
3/5/2021	21	66	126	126
3/5/2021	22	63	132	132
3/5/2021	23	59	129	129
3/5/2021	24	54	123	123
3/6/2021	1	52	120	120
3/6/2021	2	50	119	119
3/6/2021	3	48	117	117
3/6/2021	4	48	116	116
3/6/2021	5	48	118	118
3/6/2021	6	50	119	119
3/6/2021	7	50	119	119
3/6/2021	8	53	119	119
3/6/2021	9	58	123	123
3/6/2021	10	63	128	128
3/6/2021	11	67	120	120
3/6/2021	12	66	121	121
3/6/2021	13	68	122	122
3/6/2021	14	70	123	123
3/6/2021	15	68	125	125
3/6/2021	16	64	125	125
3/6/2021	17	63	123	123
3/6/2021	18	66	121	121
3/6/2021	19	69	125	125
3/6/2021	20	67	123	123
3/6/2021	21	65	120	120
3/6/2021	22	63	127	127
3/6/2021	23	58	127	127
3/6/2021	24	54	122	122
3/7/2021	1	51	119	119
3/7/2021	2	50	119	119
3/7/2021	3	48	116	116
3/7/2021	4	46	114	114
3/7/2021	5	47	115	115
3/7/2021	6	47	116	116
3/7/2021	7	49	115	115
3/7/2021	8	48	115	115

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/7/2021	9	51	123	123
3/7/2021	10	55	126	126
3/7/2021	11	58	127	127
3/7/2021	12	58	127	127
3/7/2021	13	60	128	128
3/7/2021	14	59	128	128
3/7/2021	15	58	127	127
3/7/2021	16	54	127	127
3/7/2021	17	54	126	126
3/7/2021	18	60	128	128
3/7/2021	19	64	147	147
3/7/2021	20	62	132	132
3/7/2021	21	58	119	119
3/7/2021	22	56	123	123
3/7/2021	23	53	121	121
3/7/2021	24	49	120	120
3/8/2021	1	48	123	123
3/8/2021	2	47	121	121
3/8/2021	3	46	120	120
3/8/2021	4	45	118	118
3/8/2021	5	46	119	119
3/8/2021	6	49	121	121
3/8/2021	7	50	120	120
3/8/2021	8	54	122	122
3/8/2021	9	61	133	133
3/8/2021	10	66	128	128
3/8/2021	11	70	130	130
3/8/2021	12	71	130	130
3/8/2021	13	72	132	132
3/8/2021	14	75	137	136
3/8/2021	15	74	134	134
3/8/2021	16	72	134	134
3/8/2021	17	67	130	130
3/8/2021	18	67	129	129
3/8/2021	19	70	132	132
3/8/2021	20	67	131	131
3/8/2021	21	66	125	125
3/8/2021	22	62	133	133
3/8/2021	23	58	130	130
3/8/2021	24	54	127	127
3/9/2021	1	52	123	123
3/9/2021	2	50	120	120
3/9/2021	3	49	119	119
3/9/2021	4	48	119	119
3/9/2021	5	47	119	119
3/9/2021	6	51	120	120
3/9/2021	7	53	120	120
3/9/2021	8	58	124	124
3/9/2021	9	66	132	132
3/9/2021	10	71	141	141
3/9/2021	11	75	150	150
3/9/2021	12	74	150	150
3/9/2021	13	75	150	150
3/9/2021	14	77	150	150
3/9/2021	15	75	150	150
3/9/2021	16	73	141	141
3/9/2021	17	68	131	131
3/9/2021	18	70	147	146
3/9/2021	19	71	150	150
3/9/2021	20	68	148	148
3/9/2021	21	66	135	134
3/9/2021	22	63	137	137
3/9/2021	23	59	134	134
3/9/2021	24	55	127	127
3/10/2021	1	52	124	124

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/10/2021	2	50	122	122
3/10/2021	3	48	119	119
3/10/2021	4	48	117	117
3/10/2021	5	48	118	118
3/10/2021	6	52	120	120
3/10/2021	7	51	121	121
3/10/2021	8	57	126	126
3/10/2021	9	65	132	132
3/10/2021	10	69	128	128
3/10/2021	11	74	150	150
3/10/2021	12	73	146	146
3/10/2021	13	73	145	145
3/10/2021	14	76	150	150
3/10/2021	15	74	148	148
3/10/2021	16	72	135	135
3/10/2021	17	67	132	132
3/10/2021	18	68	132	132
3/10/2021	19	70	150	150
3/10/2021	20	67	146	146
3/10/2021	21	65	136	136
3/10/2021	22	59	121	121
3/10/2021	23	56	135	135
3/10/2021	24	54	128	128
3/11/2021	1	52	146	125
3/11/2021	2	50	146	123
3/11/2021	3	48	146	122
3/11/2021	4	47	146	120
3/11/2021	5	49	146	121
3/11/2021	6	52	146	123
3/11/2021	7	53	147	122
3/11/2021	8	57	147	125
3/11/2021	9	65	150	136
3/11/2021	10	69	150	131
3/11/2021	11	73	150	142
3/11/2021	12	72	150	135
3/11/2021	13	73	150	137
3/11/2021	14	74	150	142
3/11/2021	15	73	150	142
3/11/2021	16	70	150	134
3/11/2021	17	66	150	131
3/11/2021	18	68	150	131
3/11/2021	19	70	150	140
3/11/2021	20	69	150	142
3/11/2021	21	66	150	130
3/11/2021	22	61	150	127
3/11/2021	23	56	147	132
3/11/2021	24	53	146	128
3/12/2021	1	50	146	123
3/12/2021	2	49	146	120
3/12/2021	3	48	146	118
3/12/2021	4	48	146	116
3/12/2021	5	49	146	116
3/12/2021	6	53	147	120
3/12/2021	7	54	147	118
3/12/2021	8	58	147	122
3/12/2021	9	65	148	133
3/12/2021	10	68	149	130
3/12/2021	11	73	149	132
3/12/2021	12	72	149	133
3/12/2021	13	73	149	133
3/12/2021	14	75	149	142
3/12/2021	15	74	149	137
3/12/2021	16	72	149	137
3/12/2021	17	68	149	131
3/12/2021	18	69	149	129

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/12/2021	19	70	149	129
3/12/2021	20	66	149	127
3/12/2021	21	62	149	125
3/12/2021	22	59	149	122
3/12/2021	23	56	148	131
3/12/2021	24	53	146	126
3/13/2021	1	51	147	124
3/13/2021	2	49	147	122
3/13/2021	3	48	147	120
3/13/2021	4	47	147	118
3/13/2021	5	48	147	119
3/13/2021	6	50	147	122
3/13/2021	7	51	148	121
3/13/2021	8	52	148	123
3/13/2021	9	57	149	132
3/13/2021	10	62	149	138
3/13/2021	11	65	149	130
3/13/2021	12	64	149	130
3/13/2021	13	66	149	130
3/13/2021	14	68	149	133
3/13/2021	15	67	149	132
3/13/2021	16	65	149	132
3/13/2021	17	63	149	129
3/13/2021	18	65	149	128
3/13/2021	19	68	149	131
3/13/2021	20	65	149	126
3/13/2021	21	61	149	124
3/13/2021	22	57	149	121
3/13/2021	23	54	148	134
3/13/2021	24	52	147	128
3/14/2021	1	49	145	119
3/14/2021	2	48	145	119
3/14/2021	3	45	144	116
3/14/2021	4	44	144	114
3/14/2021	5	45	144	116
3/14/2021	6	46	144	116
3/14/2021	7	47	145	117
3/14/2021	8	48	145	116
3/14/2021	9	50	147	107
3/14/2021	10	53	148	108
3/14/2021	11	56	148	111
3/14/2021	12	56	148	111
3/14/2021	13	57	148	111
3/14/2021	14	59	148	111
3/14/2021	15	58	148	111
3/14/2021	16	56	148	110
3/14/2021	17	55	148	110
3/14/2021	18	59	148	124
3/14/2021	19	62	148	126
3/14/2021	20	61	147	124
3/14/2021	21	59	148	123
3/14/2021	22	56	147	128
3/14/2021	23	53	146	125
3/14/2021	24	49	144	122
3/15/2021	1	49	144	123
3/15/2021	2	48	144	122
3/15/2021	3	46	144	119
3/15/2021	4	45	144	118
3/15/2021	5	46	144	118
3/15/2021	6	50	144	122
3/15/2021	7	50	144	123
3/15/2021	8	56	144	125
3/15/2021	9	64	147	135
3/15/2021	10	68	148	132
3/15/2021	11	73	148	146

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/15/2021	12	73	148	147
3/15/2021	13	73	148	147
3/15/2021	14	76	150	150
3/15/2021	15	74	148	147
3/15/2021	16	72	148	140
3/15/2021	17	67	148	132
3/15/2021	18	68	148	132
3/15/2021	19	70	148	137
3/15/2021	20	67	147	127
3/15/2021	21	63	148	125
3/15/2021	22	59	147	122
3/15/2021	23	56	146	134
3/15/2021	24	53	145	127
3/16/2021	1	50	122	122
3/16/2021	2	48	121	121
3/16/2021	3	47	119	119
3/16/2021	4	47	118	118
3/16/2021	5	48	118	118
3/16/2021	6	51	120	120
3/16/2021	7	53	122	122
3/16/2021	8	57	124	124
3/16/2021	9	65	128	128
3/16/2021	10	69	128	128
3/16/2021	11	73	133	133
3/16/2021	12	72	133	133
3/16/2021	13	73	134	134
3/16/2021	14	75	137	137
3/16/2021	15	74	142	142
3/16/2021	16	72	137	137
3/16/2021	17	68	133	133
3/16/2021	18	68	129	129
3/16/2021	19	70	134	134
3/16/2021	20	67	130	130
3/16/2021	21	63	127	127
3/16/2021	22	60	124	124
3/16/2021	23	56	129	129
3/16/2021	24	52	125	125
3/17/2021	1	52	123	123
3/17/2021	2	50	122	122
3/17/2021	3	49	121	121
3/17/2021	4	48	118	118
3/17/2021	5	49	118	118
3/17/2021	6	53	121	121
3/17/2021	7	54	122	122
3/17/2021	8	58	128	128
3/17/2021	9	65	132	132
3/17/2021	10	71	130	130
3/17/2021	11	75	135	135
3/17/2021	12	74	138	138
3/17/2021	13	76	138	138
3/17/2021	14	79	142	142
3/17/2021	15	76	145	145
3/17/2021	16	73	139	139
3/17/2021	17	69	135	135
3/17/2021	18	70	132	132
3/17/2021	19	70	135	135
3/17/2021	20	68	132	132
3/17/2021	21	66	130	130
3/17/2021	22	62	125	125
3/17/2021	23	59	134	134
3/17/2021	24	55	129	129
3/18/2021	1	54	124	124
3/18/2021	2	52	122	122
3/18/2021	3	50	119	119
3/18/2021	4	48	117	117

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/18/2021	5	49	118	118
3/18/2021	6	52	121	121
3/18/2021	7	53	123	123
3/18/2021	8	58	126	126
3/18/2021	9	65	133	133
3/18/2021	10	72	130	130
3/18/2021	11	76	136	136
3/18/2021	12	74	134	134
3/18/2021	13	76	135	135
3/18/2021	14	79	150	150
3/18/2021	15	77	142	142
3/18/2021	16	74	137	137
3/18/2021	17	70	131	131
3/18/2021	18	69	131	131
3/18/2021	19	71	130	130
3/18/2021	20	69	130	130
3/18/2021	21	67	125	125
3/18/2021	22	64	119	119
3/18/2021	23	60	132	132
3/18/2021	24	54	127	127
3/19/2021	1	53	127	127
3/19/2021	2	51	125	125
3/19/2021	3	50	122	122
3/19/2021	4	48	121	121
3/19/2021	5	49	121	121
3/19/2021	6	52	123	123
3/19/2021	7	54	124	124
3/19/2021	8	58	127	127
3/19/2021	9	65	132	132
3/19/2021	10	71	130	130
3/19/2021	11	74	130	130
3/19/2021	12	73	130	130
3/19/2021	13	75	132	132
3/19/2021	14	77	140	136
3/19/2021	15	76	134	132
3/19/2021	16	74	131	131
3/19/2021	17	68	129	129
3/19/2021	18	69	130	130
3/19/2021	19	71	130	130
3/19/2021	20	68	126	126
3/19/2021	21	67	122	122
3/19/2021	22	64	120	120
3/19/2021	23	60	127	127
3/19/2021	24	56	124	124
3/20/2021	1	53	122	122
3/20/2021	2	51	120	120
3/20/2021	3	49	119	119
3/20/2021	4	48	117	117
3/20/2021	5	49	118	118
3/20/2021	6	52	121	121
3/20/2021	7	52	122	122
3/20/2021	8	54	121	121
3/20/2021	9	58	124	124
3/20/2021	10	63	127	127
3/20/2021	11	66	124	124
3/20/2021	12	66	125	125
3/20/2021	13	66	125	125
3/20/2021	14	69	127	127
3/20/2021	15	67	128	128
3/20/2021	16	65	126	126
3/20/2021	17	62	125	125
3/20/2021	18	66	128	128
3/20/2021	19	70	131	131
3/20/2021	20	67	130	130
3/20/2021	21	64	127	127

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/20/2021	22	59	121	121
3/20/2021	23	56	129	129
3/20/2021	24	53	123	123
3/21/2021	1	51	119	119
3/21/2021	2	49	117	117
3/21/2021	3	47	115	115
3/21/2021	4	47	114	114
3/21/2021	5	47	115	115
3/21/2021	6	48	114	114
3/21/2021	7	49	115	115
3/21/2021	8	49	114	114
3/21/2021	9	51	112	112
3/21/2021	10	53	114	114
3/21/2021	11	56	116	116
3/21/2021	12	56	116	116
3/21/2021	13	57	119	119
3/21/2021	14	58	116	116
3/21/2021	15	57	116	116
3/21/2021	16	55	116	116
3/21/2021	17	53	114	114
3/21/2021	18	60	123	123
3/21/2021	19	63	128	128
3/21/2021	20	61	125	125
3/21/2021	21	59	124	124
3/21/2021	22	56	118	118
3/21/2021	23	52	123	123
3/21/2021	24	50	121	121
3/22/2021	1	50	124	124
3/22/2021	2	48	122	122
3/22/2021	3	47	120	120
3/22/2021	4	46	119	119
3/22/2021	5	47	120	120
3/22/2021	6	51	121	121
3/22/2021	7	52	124	124
3/22/2021	8	57	125	125
3/22/2021	9	65	130	130
3/22/2021	10	71	150	150
3/22/2021	11	75	150	150
3/22/2021	12	75	150	150
3/22/2021	13	76	150	150
3/22/2021	14	79	150	150
3/22/2021	15	77	150	150
3/22/2021	16	74	150	150
3/22/2021	17	70	150	150
3/22/2021	18	71	150	150
3/22/2021	19	73	150	150
3/22/2021	20	70	150	150
3/22/2021	21	68	150	150
3/22/2021	22	65	135	135
3/22/2021	23	60	130	130
3/22/2021	24	56	125	125
3/23/2021	1	55	123	123
3/23/2021	2	52	121	121
3/23/2021	3	51	119	119
3/23/2021	4	50	119	119
3/23/2021	5	51	119	119
3/23/2021	6	53	120	120
3/23/2021	7	54	120	120
3/23/2021	8	60	126	126
3/23/2021	9	67	135	135
3/23/2021	10	73	150	150
3/23/2021	11	77	150	150
3/23/2021	12	76	150	150
3/23/2021	13	77	150	150
3/23/2021	14	80	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/23/2021	15	77	150	150
3/23/2021	16	75	142	142
3/23/2021	17	70	150	150
3/23/2021	18	71	150	150
3/23/2021	19	72	150	150
3/23/2021	20	70	150	150
3/23/2021	21	68	150	150
3/23/2021	22	65	137	137
3/23/2021	23	62	135	135
3/23/2021	24	57	127	127
3/24/2021	1	54	124	124
3/24/2021	2	52	122	122
3/24/2021	3	50	119	119
3/24/2021	4	49	118	118
3/24/2021	5	50	118	118
3/24/2021	6	53	121	121
3/24/2021	7	53	122	122
3/24/2021	8	58	127	127
3/24/2021	9	67	133	133
3/24/2021	10	72	150	149
3/24/2021	11	76	150	150
3/24/2021	12	75	150	150
3/24/2021	13	76	150	150
3/24/2021	14	78	150	150
3/24/2021	15	75	150	150
3/24/2021	16	73	141	141
3/24/2021	17	70	136	136
3/24/2021	18	71	150	150
3/24/2021	19	71	150	150
3/24/2021	20	67	135	135
3/24/2021	21	66	135	135
3/24/2021	22	64	135	135
3/24/2021	23	59	135	135
3/24/2021	24	55	129	129
3/25/2021	1	54	124	124
3/25/2021	2	52	122	122
3/25/2021	3	51	119	119
3/25/2021	4	49	118	118
3/25/2021	5	50	118	118
3/25/2021	6	54	121	121
3/25/2021	7	54	121	121
3/25/2021	8	59	126	126
3/25/2021	9	67	135	135
3/25/2021	10	72	150	150
3/25/2021	11	77	150	150
3/25/2021	12	76	150	150
3/25/2021	13	78	150	150
3/25/2021	14	80	150	150
3/25/2021	15	78	150	150
3/25/2021	16	75	150	150
3/25/2021	17	70	142	142
3/25/2021	18	70	148	147
3/25/2021	19	71	150	150
3/25/2021	20	69	150	150
3/25/2021	21	68	136	136
3/25/2021	22	65	135	135
3/25/2021	23	61	135	135
3/25/2021	24	57	129	129
3/26/2021	1	53	126	126
3/26/2021	2	50	123	123
3/26/2021	3	50	122	122
3/26/2021	4	48	120	120
3/26/2021	5	49	121	121
3/26/2021	6	52	124	124
3/26/2021	7	54	122	122

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/26/2021	8	60	125	125
3/26/2021	9	67	132	132
3/26/2021	10	71	150	150
3/26/2021	11	75	150	150
3/26/2021	12	74	150	150
3/26/2021	13	75	150	150
3/26/2021	14	78	150	150
3/26/2021	15	77	150	150
3/26/2021	16	74	150	150
3/26/2021	17	69	138	137
3/26/2021	18	70	150	150
3/26/2021	19	71	150	150
3/26/2021	20	68	137	136
3/26/2021	21	66	131	131
3/26/2021	22	62	120	120
3/26/2021	23	58	133	133
3/26/2021	24	54	128	128
3/27/2021	1	53	126	126
3/27/2021	2	51	124	124
3/27/2021	3	50	123	123
3/27/2021	4	49	120	120
3/27/2021	5	49	121	121
3/27/2021	6	53	124	124
3/27/2021	7	53	122	122
3/27/2021	8	55	125	125
3/27/2021	9	60	132	132
3/27/2021	10	64	127	127
3/27/2021	11	68	127	127
3/27/2021	12	67	129	129
3/27/2021	13	67	129	129
3/27/2021	14	69	131	131
3/27/2021	15	69	132	132
3/27/2021	16	66	132	132
3/27/2021	17	63	129	129
3/27/2021	18	66	126	126
3/27/2021	19	68	126	126
3/27/2021	20	65	124	124
3/27/2021	21	62	120	120
3/27/2021	22	60	120	120
3/27/2021	23	57	133	133
3/27/2021	24	54	128	128
3/28/2021	1	52	126	126
3/28/2021	2	51	124	124
3/28/2021	3	49	123	123
3/28/2021	4	48	121	121
3/28/2021	5	49	122	122
3/28/2021	6	49	125	125
3/28/2021	7	49	123	123
3/28/2021	8	51	125	125
3/28/2021	9	54	132	132
3/28/2021	10	56	127	127
3/28/2021	11	58	129	129
3/28/2021	12	59	132	132
3/28/2021	13	59	132	132
3/28/2021	14	60	138	138
3/28/2021	15	59	140	140
3/28/2021	16	57	137	137
3/28/2021	17	56	132	132
3/28/2021	18	61	129	129
3/28/2021	19	64	128	128
3/28/2021	20	61	125	125
3/28/2021	21	60	121	121
3/28/2021	22	56	120	120
3/28/2021	23	53	133	133
3/28/2021	24	51	128	128

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/29/2021	1	49	126	126
3/29/2021	2	48	124	124
3/29/2021	3	46	123	123
3/29/2021	4	45	121	121
3/29/2021	5	47	122	122
3/29/2021	6	50	125	125
3/29/2021	7	50	123	123
3/29/2021	8	57	125	125
3/29/2021	9	64	132	132
3/29/2021	10	69	127	127
3/29/2021	11	74	130	130
3/29/2021	12	73	130	130
3/29/2021	13	74	131	131
3/29/2021	14	75	133	133
3/29/2021	15	74	134	134
3/29/2021	16	73	133	133
3/29/2021	17	70	129	129
3/29/2021	18	71	127	127
3/29/2021	19	72	127	127
3/29/2021	20	69	125	125
3/29/2021	21	66	121	121
3/29/2021	22	63	120	120
3/29/2021	23	59	133	133
3/29/2021	24	55	128	128
3/30/2021	1	52	127	127
3/30/2021	2	50	123	123
3/30/2021	3	49	122	122
3/30/2021	4	47	120	120
3/30/2021	5	48	121	121
3/30/2021	6	51	124	124
3/30/2021	7	52	125	125
3/30/2021	8	58	128	128
3/30/2021	9	65	135	135
3/30/2021	10	69	133	133
3/30/2021	11	73	139	139
3/30/2021	12	72	141	141
3/30/2021	13	74	136	136
3/30/2021	14	74	142	142
3/30/2021	15	73	145	145
3/30/2021	16	71	140	140
3/30/2021	17	68	138	138
3/30/2021	18	68	136	136
3/30/2021	19	69	144	144
3/30/2021	20	67	141	141
3/30/2021	21	65	136	136
3/30/2021	22	61	134	134
3/30/2021	23	57	142	142
3/30/2021	24	53	135	135
3/31/2021	1	50	128	128
3/31/2021	2	48	125	125
3/31/2021	3	47	123	123
3/31/2021	4	46	121	121
3/31/2021	5	47	122	122
3/31/2021	6	51	124	124
3/31/2021	7	51	125	125
3/31/2021	8	55	130	130
3/31/2021	9	65	137	137
3/31/2021	10	68	133	133
3/31/2021	11	72	138	138
3/31/2021	12	72	138	138
3/31/2021	13	72	134	134
3/31/2021	14	74	140	140
3/31/2021	15	72	145	145
3/31/2021	16	70	139	139
3/31/2021	17	67	137	137

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/31/2021	18	67	134	134
3/31/2021	19	69	141	141
3/31/2021	20	67	136	136
3/31/2021	21	64	134	134
3/31/2021	22	60	131	131
3/31/2021	23	55	140	140
3/31/2021	24	52	133	133
4/1/2021	1	50	119	119
4/1/2021	2	48	117	117
4/1/2021	3	46	115	115
4/1/2021	4	45	114	114
4/1/2021	5	44	115	115
4/1/2021	6	46	114	114
4/1/2021	7	46	115	115
4/1/2021	8	47	114	114
4/1/2021	9	49	112	112
4/1/2021	10	51	115	113
4/1/2021	11	53	116	116
4/1/2021	12	53	117	116
4/1/2021	13	54	119	119
4/1/2021	14	54	117	111
4/1/2021	15	54	117	111
4/1/2021	16	52	117	111
4/1/2021	17	51	116	110
4/1/2021	18	56	123	123
4/1/2021	19	59	127	127
4/1/2021	20	57	125	125
4/1/2021	21	56	124	124
4/1/2021	22	53	118	118
4/1/2021	23	50	123	123
4/1/2021	24	47	121	121
4/2/2021	1	49	127	127
4/2/2021	2	46	127	127
4/2/2021	3	44	125	125
4/2/2021	4	42	108	108
4/2/2021	5	42	102	102
4/2/2021	6	42	100	100
4/2/2021	7	42	99	99
4/2/2021	8	43	102	102
4/2/2021	9	44	95	94
4/2/2021	10	45	98	98
4/2/2021	11	47	120	120
4/2/2021	12	47	110	110
4/2/2021	13	49	134	134
4/2/2021	14	49	132	132
4/2/2021	15	48	123	123
4/2/2021	16	46	114	114
4/2/2021	17	45	114	114
4/2/2021	18	54	131	131
4/2/2021	19	58	136	136
4/2/2021	20	57	133	133
4/2/2021	21	56	131	131
4/2/2021	22	53	129	129
4/2/2021	23	49	137	137
4/2/2021	24	47	129	129
4/3/2021	1	45	124	124
4/3/2021	2	43	122	117
4/3/2021	3	42	99	98
4/3/2021	4	41	90	90
4/3/2021	5	41	90	90
4/3/2021	6	41	90	90
4/3/2021	7	42	96	96
4/3/2021	8	46	125	125
4/3/2021	9	51	130	130
4/3/2021	10	55	129	129

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/3/2021	11	59	133	133
4/3/2021	12	59	134	134
4/3/2021	13	60	134	134
4/3/2021	14	61	135	135
4/3/2021	15	60	135	135
4/3/2021	16	59	135	135
4/3/2021	17	58	132	132
4/3/2021	18	62	137	137
4/3/2021	19	64	136	136
4/3/2021	20	62	131	131
4/3/2021	21	60	128	128
4/3/2021	22	56	126	126
4/3/2021	23	53	130	130
4/3/2021	24	49	125	125
4/4/2021	1	49	119	119
4/4/2021	2	47	118	118
4/4/2021	3	46	116	116
4/4/2021	4	45	114	114
4/4/2021	5	45	116	116
4/4/2021	6	47	118	118
4/4/2021	7	48	121	121
4/4/2021	8	49	125	125
4/4/2021	9	51	130	130
4/4/2021	10	55	126	126
4/4/2021	11	57	128	128
4/4/2021	12	58	128	128
4/4/2021	13	59	128	128
4/4/2021	14	60	131	131
4/4/2021	15	59	135	135
4/4/2021	16	57	131	131
4/4/2021	17	57	129	129
4/4/2021	18	61	127	127
4/4/2021	19	63	129	129
4/4/2021	20	62	126	126
4/4/2021	21	61	133	133
4/4/2021	22	58	128	128
4/4/2021	23	54	126	126
4/4/2021	24	51	122	122
4/5/2021	1	48	119	119
4/5/2021	2	46	118	118
4/5/2021	3	45	116	116
4/5/2021	4	45	114	114
4/5/2021	5	47	116	116
4/5/2021	6	51	118	118
4/5/2021	7	52	121	121
4/5/2021	8	57	125	125
4/5/2021	9	65	134	134
4/5/2021	10	69	150	150
4/5/2021	11	75	150	150
4/5/2021	12	75	150	150
4/5/2021	13	76	150	150
4/5/2021	14	77	150	150
4/5/2021	15	76	150	150
4/5/2021	16	74	150	150
4/5/2021	17	69	150	150
4/5/2021	18	70	150	150
4/5/2021	19	70	150	150
4/5/2021	20	68	150	150
4/5/2021	21	66	144	144
4/5/2021	22	63	137	136
4/5/2021	23	58	126	126
4/5/2021	24	54	122	122
4/6/2021	1	53	126	126
4/6/2021	2	51	124	124
4/6/2021	3	49	122	122

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/6/2021	4	48	121	121
4/6/2021	5	49	121	121
4/6/2021	6	53	122	122
4/6/2021	7	54	124	124
4/6/2021	8	59	129	129
4/6/2021	9	67	135	135
4/6/2021	10	73	132	132
4/6/2021	11	77	140	140
4/6/2021	12	76	137	137
4/6/2021	13	77	141	141
4/6/2021	14	79	150	150
4/6/2021	15	78	147	147
4/6/2021	16	75	139	139
4/6/2021	17	70	133	133
4/6/2021	18	70	130	130
4/6/2021	19	71	133	133
4/6/2021	20	68	133	133
4/6/2021	21	65	131	131
4/6/2021	22	61	128	128
4/6/2021	23	58	139	139
4/6/2021	24	53	131	131
4/7/2021	1	54	129	129
4/7/2021	2	52	127	127
4/7/2021	3	50	125	125
4/7/2021	4	49	123	123
4/7/2021	5	50	123	123
4/7/2021	6	54	126	126
4/7/2021	7	54	128	128
4/7/2021	8	59	132	132
4/7/2021	9	68	135	135
4/7/2021	10	73	129	129
4/7/2021	11	77	138	138
4/7/2021	12	76	136	136
4/7/2021	13	77	145	142
4/7/2021	14	80	147	147
4/7/2021	15	78	147	147
4/7/2021	16	76	136	136
4/7/2021	17	69	129	129
4/7/2021	18	70	128	128
4/7/2021	19	71	128	128
4/7/2021	20	69	128	128
4/7/2021	21	67	126	126
4/7/2021	22	63	126	126
4/7/2021	23	60	140	140
4/7/2021	24	56	130	130
4/8/2021	1	54	129	129
4/8/2021	2	52	128	128
4/8/2021	3	51	127	127
4/8/2021	4	50	125	125
4/8/2021	5	50	126	126
4/8/2021	6	53	129	129
4/8/2021	7	53	129	129
4/8/2021	8	59	133	133
4/8/2021	9	67	134	134
4/8/2021	10	72	135	134
4/8/2021	11	76	150	150
4/8/2021	12	75	150	150
4/8/2021	13	76	150	150
4/8/2021	14	80	150	150
4/8/2021	15	78	150	150
4/8/2021	16	75	150	150
4/8/2021	17	69	132	132
4/8/2021	18	70	134	134
4/8/2021	19	72	142	142
4/8/2021	20	70	133	133

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/8/2021	21	68	127	127
4/8/2021	22	65	127	127
4/8/2021	23	61	139	139
4/8/2021	24	57	131	131
4/9/2021	1	52	130	130
4/9/2021	2	49	127	127
4/9/2021	3	48	126	126
4/9/2021	4	47	125	125
4/9/2021	5	48	126	126
4/9/2021	6	51	128	128
4/9/2021	7	52	128	128
4/9/2021	8	55	132	132
4/9/2021	9	60	138	138
4/9/2021	10	64	134	134
4/9/2021	11	67	137	137
4/9/2021	12	66	137	137
4/9/2021	13	68	132	132
4/9/2021	14	70	135	135
4/9/2021	15	69	136	136
4/9/2021	16	66	135	135
4/9/2021	17	63	133	133
4/9/2021	18	66	131	131
4/9/2021	19	68	139	139
4/9/2021	20	66	136	136
4/9/2021	21	64	134	134
4/9/2021	22	61	130	130
4/9/2021	23	58	138	138
4/9/2021	24	54	131	131
4/10/2021	1	51	145	128
4/10/2021	2	49	145	125
4/10/2021	3	48	145	123
4/10/2021	4	48	145	121
4/10/2021	5	49	145	122
4/10/2021	6	53	146	123
4/10/2021	7	52	146	124
4/10/2021	8	54	148	124
4/10/2021	9	60	148	126
4/10/2021	10	64	149	131
4/10/2021	11	68	149	136
4/10/2021	12	67	149	125
4/10/2021	13	68	149	133
4/10/2021	14	70	149	142
4/10/2021	15	69	149	131
4/10/2021	16	66	149	128
4/10/2021	17	63	149	125
4/10/2021	18	66	149	129
4/10/2021	19	68	149	137
4/10/2021	20	65	149	131
4/10/2021	21	63	149	129
4/10/2021	22	61	148	127
4/10/2021	23	58	148	137
4/10/2021	24	54	146	130
4/11/2021	1	51	145	120
4/11/2021	2	50	145	118
4/11/2021	3	49	145	117
4/11/2021	4	48	145	116
4/11/2021	5	48	145	116
4/11/2021	6	49	146	117
4/11/2021	7	48	146	119
4/11/2021	8	50	148	118
4/11/2021	9	53	148	122
4/11/2021	10	56	148	125
4/11/2021	11	58	149	130
4/11/2021	12	59	149	133
4/11/2021	13	59	149	133

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/11/2021	14	61	149	136
4/11/2021	15	59	148	136
4/11/2021	16	57	148	136
4/11/2021	17	56	148	133
4/11/2021	18	61	149	133
4/11/2021	19	64	149	126
4/11/2021	20	62	149	124
4/11/2021	21	61	149	123
4/11/2021	22	58	148	120
4/11/2021	23	55	146	131
4/11/2021	24	52	145	126
4/12/2021	1	50	145	125
4/12/2021	2	48	145	124
4/12/2021	3	47	145	122
4/12/2021	4	46	145	121
4/12/2021	5	48	145	121
4/12/2021	6	52	146	123
4/12/2021	7	52	146	124
4/12/2021	8	58	148	128
4/12/2021	9	66	148	135
4/12/2021	10	72	150	149
4/12/2021	11	76	150	150
4/12/2021	12	74	150	150
4/12/2021	13	75	150	150
4/12/2021	14	78	150	150
4/12/2021	15	77	150	150
4/12/2021	16	74	150	150
4/12/2021	17	69	149	147
4/12/2021	18	70	150	150
4/12/2021	19	71	150	150
4/12/2021	20	68	149	134
4/12/2021	21	67	149	134
4/12/2021	22	63	148	127
4/12/2021	23	59	147	138
4/12/2021	24	56	146	130
4/13/2021	1	52	130	130
4/13/2021	2	51	128	128
4/13/2021	3	49	124	124
4/13/2021	4	49	122	122
4/13/2021	5	49	123	123
4/13/2021	6	53	126	126
4/13/2021	7	54	125	125
4/13/2021	8	60	132	132
4/13/2021	9	68	141	140
4/13/2021	10	73	150	150
4/13/2021	11	77	150	150
4/13/2021	12	76	150	150
4/13/2021	13	78	150	150
4/13/2021	14	79	150	150
4/13/2021	15	77	150	150
4/13/2021	16	74	150	150
4/13/2021	17	71	150	150
4/13/2021	18	71	150	150
4/13/2021	19	73	150	150
4/13/2021	20	71	150	150
4/13/2021	21	68	150	150
4/13/2021	22	64	129	129
4/13/2021	23	61	142	142
4/13/2021	24	56	134	134
4/14/2021	1	53	130	130
4/14/2021	2	51	128	128
4/14/2021	3	49	126	126
4/14/2021	4	49	124	124
4/14/2021	5	51	126	126
4/14/2021	6	54	128	128

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/14/2021	7	54	128	128
4/14/2021	8	60	132	132
4/14/2021	9	69	150	150
4/14/2021	10	74	150	150
4/14/2021	11	77	150	150
4/14/2021	12	76	150	150
4/14/2021	13	77	150	150
4/14/2021	14	79	150	150
4/14/2021	15	77	150	150
4/14/2021	16	75	150	150
4/14/2021	17	69	150	150
4/14/2021	18	70	150	150
4/14/2021	19	70	150	150
4/14/2021	20	68	150	150
4/14/2021	21	66	150	150
4/14/2021	22	62	139	139
4/14/2021	23	59	144	144
4/14/2021	24	54	135	135
4/15/2021	1	53	133	133
4/15/2021	2	51	131	131
4/15/2021	3	50	128	128
4/15/2021	4	49	126	126
4/15/2021	5	50	127	127
4/15/2021	6	53	128	128
4/15/2021	7	53	129	129
4/15/2021	8	58	133	133
4/15/2021	9	68	150	150
4/15/2021	10	73	150	150
4/15/2021	11	77	150	150
4/15/2021	12	75	150	150
4/15/2021	13	76	150	150
4/15/2021	14	79	150	150
4/15/2021	15	78	150	150
4/15/2021	16	74	150	150
4/15/2021	17	69	150	150
4/15/2021	18	70	150	150
4/15/2021	19	71	150	150
4/15/2021	20	69	150	150
4/15/2021	21	67	150	150
4/15/2021	22	65	150	150
4/15/2021	23	61	143	143
4/15/2021	24	57	135	135
4/16/2021	1	51	134	134
4/16/2021	2	50	132	132
4/16/2021	3	49	129	129
4/16/2021	4	48	126	126
4/16/2021	5	49	126	126
4/16/2021	6	53	128	128
4/16/2021	7	54	129	129
4/16/2021	8	59	131	131
4/16/2021	9	67	139	139
4/16/2021	10	72	150	150
4/16/2021	11	77	150	150
4/16/2021	12	75	150	150
4/16/2021	13	76	150	150
4/16/2021	14	78	150	150
4/16/2021	15	77	150	150
4/16/2021	16	74	150	150
4/16/2021	17	69	150	150
4/16/2021	18	70	150	150
4/16/2021	19	70	150	150
4/16/2021	20	68	150	150
4/16/2021	21	66	150	150
4/16/2021	22	61	129	129
4/16/2021	23	59	144	144

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/16/2021	24	55	136	136
4/17/2021	1	51	132	132
4/17/2021	2	50	130	130
4/17/2021	3	49	129	129
4/17/2021	4	48	126	126
4/17/2021	5	49	126	126
4/17/2021	6	51	129	129
4/17/2021	7	52	128	128
4/17/2021	8	54	132	132
4/17/2021	9	58	140	140
4/17/2021	10	62	136	136
4/17/2021	11	66	143	143
4/17/2021	12	66	144	144
4/17/2021	13	66	139	139
4/17/2021	14	69	144	144
4/17/2021	15	67	149	149
4/17/2021	16	65	142	142
4/17/2021	17	62	137	137
4/17/2021	18	66	146	146
4/17/2021	19	69	150	150
4/17/2021	20	66	142	142
4/17/2021	21	64	133	133
4/17/2021	22	60	130	130
4/17/2021	23	56	143	143
4/17/2021	24	53	136	136
4/18/2021	1	51	128	128
4/18/2021	2	49	125	125
4/18/2021	3	47	123	123
4/18/2021	4	46	121	121
4/18/2021	5	47	122	122
4/18/2021	6	48	123	123
4/18/2021	7	48	124	124
4/18/2021	8	49	124	124
4/18/2021	9	51	126	126
4/18/2021	10	55	131	131
4/18/2021	11	58	126	126
4/18/2021	12	59	127	127
4/18/2021	13	60	125	125
4/18/2021	14	62	130	130
4/18/2021	15	61	129	129
4/18/2021	16	60	128	128
4/18/2021	17	59	125	125
4/18/2021	18	63	150	150
4/18/2021	19	65	150	150
4/18/2021	20	64	150	150
4/18/2021	21	62	138	138
4/18/2021	22	59	127	127
4/18/2021	23	56	137	137
4/18/2021	24	53	130	130
4/19/2021	1	49	120	120
4/19/2021	2	49	118	118
4/19/2021	3	47	117	117
4/19/2021	4	47	116	116
4/19/2021	5	48	116	116
4/19/2021	6	52	119	119
4/19/2021	7	52	119	119
4/19/2021	8	58	119	119
4/19/2021	9	67	150	150
4/19/2021	10	72	150	150
4/19/2021	11	76	150	150
4/19/2021	12	76	150	150
4/19/2021	13	76	150	150
4/19/2021	14	78	150	150
4/19/2021	15	77	150	150
4/19/2021	16	74	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/19/2021	17	69	150	150
4/19/2021	18	70	150	150
4/19/2021	19	72	150	150
4/19/2021	20	69	150	150
4/19/2021	21	67	150	150
4/19/2021	22	64	150	150
4/19/2021	23	60	131	131
4/19/2021	24	56	127	127
4/20/2021	1	54	130	130
4/20/2021	2	52	128	128
4/20/2021	3	51	126	126
4/20/2021	4	49	124	124
4/20/2021	5	49	125	125
4/20/2021	6	54	127	127
4/20/2021	7	53	127	127
4/20/2021	8	59	131	131
4/20/2021	9	67	145	140
4/20/2021	10	73	145	135
4/20/2021	11	77	150	150
4/20/2021	12	77	150	150
4/20/2021	13	77	150	150
4/20/2021	14	79	150	150
4/20/2021	15	77	150	150
4/20/2021	16	74	146	140
4/20/2021	17	70	146	135
4/20/2021	18	70	150	150
4/20/2021	19	71	146	140
4/20/2021	20	68	145	137
4/20/2021	21	66	145	133
4/20/2021	22	63	131	131
4/20/2021	23	58	143	143
4/20/2021	24	56	136	136
4/21/2021	1	54	130	130
4/21/2021	2	51	128	128
4/21/2021	3	50	125	125
4/21/2021	4	49	123	123
4/21/2021	5	50	126	126
4/21/2021	6	53	128	128
4/21/2021	7	55	127	127
4/21/2021	8	60	132	132
4/21/2021	9	68	145	139
4/21/2021	10	73	150	150
4/21/2021	11	76	150	150
4/21/2021	12	76	150	150
4/21/2021	13	77	150	150
4/21/2021	14	79	150	150
4/21/2021	15	77	150	150
4/21/2021	16	73	150	150
4/21/2021	17	67	146	137
4/21/2021	18	69	150	150
4/21/2021	19	70	150	150
4/21/2021	20	68	145	144
4/21/2021	21	66	145	137
4/21/2021	22	62	130	130
4/21/2021	23	59	144	144
4/21/2021	24	55	135	135
4/22/2021	1	53	133	133
4/22/2021	2	51	131	131
4/22/2021	3	50	127	127
4/22/2021	4	49	124	124
4/22/2021	5	50	125	125
4/22/2021	6	53	127	127
4/22/2021	7	53	128	128
4/22/2021	8	60	131	131
4/22/2021	9	67	145	140

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/22/2021	10	72	150	150
4/22/2021	11	76	150	150
4/22/2021	12	76	150	150
4/22/2021	13	77	150	150
4/22/2021	14	79	150	150
4/22/2021	15	78	150	150
4/22/2021	16	75	150	150
4/22/2021	17	70	150	150
4/22/2021	18	70	150	150
4/22/2021	19	71	150	150
4/22/2021	20	69	150	150
4/22/2021	21	67	145	142
4/22/2021	22	64	131	130
4/22/2021	23	59	143	143
4/22/2021	24	56	136	136
4/23/2021	1	54	133	133
4/23/2021	2	52	132	132
4/23/2021	3	51	129	129
4/23/2021	4	49	125	125
4/23/2021	5	50	126	126
4/23/2021	6	53	129	129
4/23/2021	7	54	128	128
4/23/2021	8	60	131	131
4/23/2021	9	69	144	138
4/23/2021	10	74	150	150
4/23/2021	11	77	150	150
4/23/2021	12	76	150	150
4/23/2021	13	77	150	150
4/23/2021	14	79	150	150
4/23/2021	15	78	150	150
4/23/2021	16	75	150	150
4/23/2021	17	70	145	138
4/23/2021	18	71	150	150
4/23/2021	19	71	145	144
4/23/2021	20	69	145	145
4/23/2021	21	67	145	134
4/23/2021	22	63	131	131
4/23/2021	23	60	144	144
4/23/2021	24	56	136	136
4/24/2021	1	53	134	134
4/24/2021	2	52	133	133
4/24/2021	3	51	130	130
4/24/2021	4	50	129	129
4/24/2021	5	50	129	129
4/24/2021	6	53	131	131
4/24/2021	7	52	131	131
4/24/2021	8	55	135	135
4/24/2021	9	60	144	140
4/24/2021	10	64	145	134
4/24/2021	11	66	145	142
4/24/2021	12	65	146	144
4/24/2021	13	66	145	140
4/24/2021	14	68	146	144
4/24/2021	15	67	146	145
4/24/2021	16	65	146	144
4/24/2021	17	63	146	141
4/24/2021	18	67	146	136
4/24/2021	19	69	147	141
4/24/2021	20	66	146	137
4/24/2021	21	64	146	133
4/24/2021	22	60	132	132
4/24/2021	23	58	145	145
4/24/2021	24	55	140	140
4/25/2021	1	52	134	134
4/25/2021	2	51	133	133

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/25/2021	3	49	130	130
4/25/2021	4	48	129	129
4/25/2021	5	48	129	129
4/25/2021	6	48	131	131
4/25/2021	7	50	131	131
4/25/2021	8	50	135	135
4/25/2021	9	52	143	140
4/25/2021	10	56	144	134
4/25/2021	11	59	144	142
4/25/2021	12	59	144	144
4/25/2021	13	60	144	140
4/25/2021	14	62	145	144
4/25/2021	15	61	145	145
4/25/2021	16	60	145	144
4/25/2021	17	59	145	141
4/25/2021	18	63	145	136
4/25/2021	19	65	146	141
4/25/2021	20	64	141	137
4/25/2021	21	62	139	133
4/25/2021	22	59	132	132
4/25/2021	23	56	145	145
4/25/2021	24	54	140	140
4/26/2021	1	50	134	134
4/26/2021	2	49	133	133
4/26/2021	3	48	130	130
4/26/2021	4	47	129	129
4/26/2021	5	48	129	129
4/26/2021	6	52	131	131
4/26/2021	7	52	131	131
4/26/2021	8	58	135	135
4/26/2021	9	66	144	140
4/26/2021	10	72	150	150
4/26/2021	11	76	150	150
4/26/2021	12	76	150	150
4/26/2021	13	76	150	150
4/26/2021	14	78	150	150
4/26/2021	15	76	150	150
4/26/2021	16	74	150	150
4/26/2021	17	69	146	141
4/26/2021	18	70	146	137
4/26/2021	19	72	147	141
4/26/2021	20	69	146	137
4/26/2021	21	66	146	133
4/26/2021	22	63	132	132
4/26/2021	23	59	145	145
4/26/2021	24	55	140	140
4/27/2021	1	54	130	130
4/27/2021	2	52	128	128
4/27/2021	3	51	125	124
4/27/2021	4	49	125	123
4/27/2021	5	50	125	124
4/27/2021	6	53	127	127
4/27/2021	7	54	126	126
4/27/2021	8	59	131	131
4/27/2021	9	68	146	136
4/27/2021	10	74	150	150
4/27/2021	11	77	150	150
4/27/2021	12	76	150	150
4/27/2021	13	77	150	150
4/27/2021	14	79	150	150
4/27/2021	15	77	150	150
4/27/2021	16	75	150	150
4/27/2021	17	71	148	132
4/27/2021	18	70	148	141
4/27/2021	19	72	148	142

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/27/2021	20	70	143	132
4/27/2021	21	68	143	132
4/27/2021	22	64	134	128
4/27/2021	23	61	142	142
4/27/2021	24	58	139	139
4/28/2021	1	55	133	133
4/28/2021	2	53	131	131
4/28/2021	3	52	129	129
4/28/2021	4	50	127	127
4/28/2021	5	52	127	127
4/28/2021	6	53	127	127
4/28/2021	7	54	129	129
4/28/2021	8	59	133	133
4/28/2021	9	68	144	139
4/28/2021	10	73	148	136
4/28/2021	11	76	148	148
4/28/2021	12	76	140	139
4/28/2021	13	77	150	150
4/28/2021	14	79	150	150
4/28/2021	15	77	148	142
4/28/2021	16	74	140	136
4/28/2021	17	70	139	132
4/28/2021	18	70	141	136
4/28/2021	19	71	145	134
4/28/2021	20	69	137	132
4/28/2021	21	67	135	131
4/28/2021	22	63	127	127
4/28/2021	23	60	140	140
4/28/2021	24	56	134	134
4/29/2021	1	52	133	133
4/29/2021	2	50	131	131
4/29/2021	3	49	127	127
4/29/2021	4	48	124	124
4/29/2021	5	49	125	125
4/29/2021	6	53	127	127
4/29/2021	7	52	128	128
4/29/2021	8	58	131	131
4/29/2021	9	66	148	139
4/29/2021	10	70	148	136
4/29/2021	11	74	148	142
4/29/2021	12	73	148	144
4/29/2021	13	74	148	140
4/29/2021	14	77	150	150
4/29/2021	15	75	149	144
4/29/2021	16	73	149	140
4/29/2021	17	69	145	136
4/29/2021	18	69	146	139
4/29/2021	19	70	146	139
4/29/2021	20	67	140	137
4/29/2021	21	65	139	133
4/29/2021	22	62	130	130
4/29/2021	23	59	143	143
4/29/2021	24	55	136	136
4/30/2021	1	54	133	133
4/30/2021	2	53	131	131
4/30/2021	3	52	127	127
4/30/2021	4	51	126	126
4/30/2021	5	52	126	126
4/30/2021	6	53	129	129
4/30/2021	7	54	130	130
4/30/2021	8	60	134	134
4/30/2021	9	68	147	140
4/30/2021	10	74	148	139
4/30/2021	11	77	150	150
4/30/2021	12	76	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/30/2021	13	77	150	150
4/30/2021	14	79	150	150
4/30/2021	15	78	150	150
4/30/2021	16	74	149	140
4/30/2021	17	70	142	135
4/30/2021	18	71	150	150
4/30/2021	19	71	146	136
4/30/2021	20	69	137	135
4/30/2021	21	68	137	133
4/30/2021	22	64	131	131
4/30/2021	23	60	145	145
4/30/2021	24	57	138	138
5/1/2021	1	54	127	127
5/1/2021	2	53	124	124
5/1/2021	3	52	122	122
5/1/2021	4	50	120	120
5/1/2021	5	51	122	122
5/1/2021	6	52	125	125
5/1/2021	7	53	126	126
5/1/2021	8	55	127	127
5/1/2021	9	60	146	136
5/1/2021	10	64	147	141
5/1/2021	11	66	148	135
5/1/2021	12	65	148	135
5/1/2021	13	67	148	134
5/1/2021	14	69	149	135
5/1/2021	15	67	147	136
5/1/2021	16	65	147	135
5/1/2021	17	64	144	133
5/1/2021	18	68	146	145
5/1/2021	19	69	146	145
5/1/2021	20	66	141	137
5/1/2021	21	64	140	137
5/1/2021	22	61	134	134
5/1/2021	23	57	141	141
5/1/2021	24	54	132	132
5/2/2021	1	52	134	134
5/2/2021	2	51	132	132
5/2/2021	3	50	130	130
5/2/2021	4	48	128	128
5/2/2021	5	49	129	129
5/2/2021	6	50	131	131
5/2/2021	7	49	131	131
5/2/2021	8	50	134	134
5/2/2021	9	53	144	139
5/2/2021	10	57	147	133
5/2/2021	11	60	147	141
5/2/2021	12	61	148	144
5/2/2021	13	61	147	139
5/2/2021	14	62	148	144
5/2/2021	15	62	146	145
5/2/2021	16	61	144	143
5/2/2021	17	59	145	141
5/2/2021	18	63	146	137
5/2/2021	19	65	146	140
5/2/2021	20	64	142	136
5/2/2021	21	62	141	133
5/2/2021	22	59	132	132
5/2/2021	23	57	144	144
5/2/2021	24	54	139	139
5/3/2021	1	53	134	134
5/3/2021	2	51	132	132
5/3/2021	3	50	130	130
5/3/2021	4	48	128	128
5/3/2021	5	49	129	129

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/3/2021	6	52	131	131
5/3/2021	7	52	131	131
5/3/2021	8	59	134	134
5/3/2021	9	67	144	139
5/3/2021	10	73	150	150
5/3/2021	11	76	150	150
5/3/2021	12	76	150	150
5/3/2021	13	76	150	150
5/3/2021	14	78	150	150
5/3/2021	15	77	150	150
5/3/2021	16	75	150	150
5/3/2021	17	70	143	141
5/3/2021	18	71	150	150
5/3/2021	19	72	149	142
5/3/2021	20	70	147	136
5/3/2021	21	68	147	133
5/3/2021	22	64	132	132
5/3/2021	23	60	144	144
5/3/2021	24	57	139	139
5/4/2021	1	55	132	132
5/4/2021	2	53	130	130
5/4/2021	3	52	127	127
5/4/2021	4	51	125	125
5/4/2021	5	52	124	124
5/4/2021	6	54	126	126
5/4/2021	7	53	127	127
5/4/2021	8	60	132	132
5/4/2021	9	68	148	144
5/4/2021	10	74	150	150
5/4/2021	11	76	150	150
5/4/2021	12	77	150	150
5/4/2021	13	77	150	150
5/4/2021	14	79	150	150
5/4/2021	15	78	150	150
5/4/2021	16	75	150	150
5/4/2021	17	71	150	150
5/4/2021	18	70	150	150
5/4/2021	19	71	150	150
5/4/2021	20	70	150	150
5/4/2021	21	68	149	149
5/4/2021	22	65	136	136
5/4/2021	23	61	141	141
5/4/2021	24	58	135	135
5/5/2021	1	56	144	130
5/5/2021	2	54	143	129
5/5/2021	3	53	143	127
5/5/2021	4	52	143	125
5/5/2021	5	52	145	125
5/5/2021	6	54	146	127
5/5/2021	7	54	146	128
5/5/2021	8	59	146	132
5/5/2021	9	70	150	150
5/5/2021	10	74	150	150
5/5/2021	11	77	150	150
5/5/2021	12	76	150	150
5/5/2021	13	77	150	150
5/5/2021	14	79	150	150
5/5/2021	15	78	150	150
5/5/2021	16	76	150	150
5/5/2021	17	71	150	150
5/5/2021	18	71	150	150
5/5/2021	19	72	150	150
5/5/2021	20	71	150	150
5/5/2021	21	69	150	150
5/5/2021	22	66	148	138

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/5/2021	23	62	147	140
5/5/2021	24	59	146	134
5/6/2021	1	56	131	131
5/6/2021	2	55	129	129
5/6/2021	3	53	128	128
5/6/2021	4	52	127	127
5/6/2021	5	55	126	126
5/6/2021	6	55	127	127
5/6/2021	7	54	128	128
5/6/2021	8	60	131	131
5/6/2021	9	69	140	140
5/6/2021	10	74	147	147
5/6/2021	11	77	150	150
5/6/2021	12	77	150	150
5/6/2021	13	78	150	150
5/6/2021	14	80	150	150
5/6/2021	15	79	150	150
5/6/2021	16	77	150	150
5/6/2021	17	71	136	136
5/6/2021	18	72	150	150
5/6/2021	19	73	143	143
5/6/2021	20	72	142	141
5/6/2021	21	69	133	133
5/6/2021	22	65	130	130
5/6/2021	23	61	142	142
5/6/2021	24	59	135	135
5/7/2021	1	57	145	135
5/7/2021	2	56	145	133
5/7/2021	3	55	145	131
5/7/2021	4	53	145	130
5/7/2021	5	55	145	128
5/7/2021	6	55	146	130
5/7/2021	7	54	146	130
5/7/2021	8	61	146	134
5/7/2021	9	69	148	144
5/7/2021	10	74	150	150
5/7/2021	11	77	150	150
5/7/2021	12	76	150	150
5/7/2021	13	77	150	150
5/7/2021	14	80	150	150
5/7/2021	15	79	150	150
5/7/2021	16	77	150	150
5/7/2021	17	73	150	150
5/7/2021	18	74	150	150
5/7/2021	19	75	150	150
5/7/2021	20	74	150	150
5/7/2021	21	72	150	150
5/7/2021	22	69	150	150
5/7/2021	23	64	147	144
5/7/2021	24	60	146	138
5/8/2021	1	56	136	136
5/8/2021	2	54	134	134
5/8/2021	3	53	130	130
5/8/2021	4	52	127	127
5/8/2021	5	53	126	126
5/8/2021	6	53	129	129
5/8/2021	7	52	131	131
5/8/2021	8	54	135	135
5/8/2021	9	59	128	128
5/8/2021	10	64	130	130
5/8/2021	11	67	138	138
5/8/2021	12	66	133	133
5/8/2021	13	67	135	135
5/8/2021	14	69	139	139
5/8/2021	15	68	143	143

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/8/2021	16	66	143	143
5/8/2021	17	65	136	136
5/8/2021	18	67	134	134
5/8/2021	19	70	139	139
5/8/2021	20	68	137	137
5/8/2021	21	66	133	133
5/8/2021	22	64	133	133
5/8/2021	23	60	130	130
5/8/2021	24	57	137	137
5/9/2021	1	53	134	134
5/9/2021	2	52	132	132
5/9/2021	3	51	130	130
5/9/2021	4	50	128	128
5/9/2021	5	51	129	129
5/9/2021	6	51	131	131
5/9/2021	7	49	131	131
5/9/2021	8	50	134	134
5/9/2021	9	54	139	139
5/9/2021	10	56	133	133
5/9/2021	11	59	141	141
5/9/2021	12	59	144	144
5/9/2021	13	60	139	139
5/9/2021	14	62	144	144
5/9/2021	15	61	145	145
5/9/2021	16	59	143	143
5/9/2021	17	58	141	141
5/9/2021	18	63	135	135
5/9/2021	19	65	140	140
5/9/2021	20	64	136	136
5/9/2021	21	62	133	133
5/9/2021	22	60	132	132
5/9/2021	23	57	144	144
5/9/2021	24	55	139	139
5/10/2021	1	53	134	134
5/10/2021	2	52	132	132
5/10/2021	3	51	130	130
5/10/2021	4	50	128	128
5/10/2021	5	51	129	129
5/10/2021	6	53	131	131
5/10/2021	7	53	131	131
5/10/2021	8	58	134	134
5/10/2021	9	67	139	139
5/10/2021	10	72	142	142
5/10/2021	11	76	150	150
5/10/2021	12	75	150	150
5/10/2021	13	76	150	150
5/10/2021	14	78	150	150
5/10/2021	15	77	150	150
5/10/2021	16	76	150	150
5/10/2021	17	70	141	141
5/10/2021	18	71	145	145
5/10/2021	19	72	140	140
5/10/2021	20	70	136	136
5/10/2021	21	69	133	133
5/10/2021	22	65	132	132
5/10/2021	23	61	144	144
5/10/2021	24	58	139	139
5/11/2021	1	55	145	130
5/11/2021	2	54	145	128
5/11/2021	3	52	145	127
5/11/2021	4	52	145	126
5/11/2021	5	52	145	126
5/11/2021	6	54	146	127
5/11/2021	7	53	128	128
5/11/2021	8	59	133	133

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/11/2021	9	68	137	137
5/11/2021	10	72	132	132
5/11/2021	11	76	138	138
5/11/2021	12	74	134	134
5/11/2021	13	76	136	136
5/11/2021	14	78	141	141
5/11/2021	15	77	145	145
5/11/2021	16	75	138	138
5/11/2021	17	71	134	134
5/11/2021	18	72	131	131
5/11/2021	19	74	136	136
5/11/2021	20	71	133	133
5/11/2021	21	69	131	131
5/11/2021	22	64	129	129
5/11/2021	23	60	141	141
5/11/2021	24	57	137	137
5/12/2021	1	55	138	130
5/12/2021	2	54	146	127
5/12/2021	3	52	146	125
5/12/2021	4	51	146	123
5/12/2021	5	52	146	122
5/12/2021	6	53	147	124
5/12/2021	7	54	147	127
5/12/2021	8	60	147	127
5/12/2021	9	69	148	142
5/12/2021	10	73	150	150
5/12/2021	11	77	150	150
5/12/2021	12	76	150	150
5/12/2021	13	77	150	150
5/12/2021	14	78	150	150
5/12/2021	15	77	150	150
5/12/2021	16	76	150	150
5/12/2021	17	72	149	147
5/12/2021	18	72	150	150
5/12/2021	19	73	150	150
5/12/2021	20	71	150	150
5/12/2021	21	68	148	134
5/12/2021	22	65	148	127
5/12/2021	23	61	147	146
5/12/2021	24	58	146	140
5/13/2021	1	54	146	132
5/13/2021	2	53	146	130
5/13/2021	3	51	146	128
5/13/2021	4	50	146	126
5/13/2021	5	52	146	126
5/13/2021	6	53	147	127
5/13/2021	7	52	147	129
5/13/2021	8	56	147	133
5/13/2021	9	60	149	144
5/13/2021	10	65	149	139
5/13/2021	11	67	149	141
5/13/2021	12	67	149	138
5/13/2021	13	67	149	135
5/13/2021	14	69	149	138
5/13/2021	15	68	149	146
5/13/2021	16	66	149	141
5/13/2021	17	65	149	136
5/13/2021	18	68	150	150
5/13/2021	19	70	150	150
5/13/2021	20	68	150	150
5/13/2021	21	66	149	144
5/13/2021	22	65	149	137
5/13/2021	23	60	148	139
5/13/2021	24	57	147	135
5/14/2021	1	54	143	132

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/14/2021	2	52	143	129
5/14/2021	3	51	143	127
5/14/2021	4	50	143	126
5/14/2021	5	52	144	125
5/14/2021	6	54	146	126
5/14/2021	7	53	146	128
5/14/2021	8	60	146	128
5/14/2021	9	68	150	150
5/14/2021	10	73	150	150
5/14/2021	11	76	150	150
5/14/2021	12	74	150	150
5/14/2021	13	75	150	150
5/14/2021	14	78	150	150
5/14/2021	15	77	150	150
5/14/2021	16	75	150	150
5/14/2021	17	70	150	150
5/14/2021	18	71	150	150
5/14/2021	19	72	150	150
5/14/2021	20	70	150	150
5/14/2021	21	68	150	150
5/14/2021	22	65	150	150
5/14/2021	23	60	147	142
5/14/2021	24	56	146	136
5/15/2021	1	54	145	132
5/15/2021	2	52	145	130
5/15/2021	3	52	145	129
5/15/2021	4	50	145	126
5/15/2021	5	52	146	126
5/15/2021	6	52	148	128
5/15/2021	7	52	148	130
5/15/2021	8	55	148	132
5/15/2021	9	61	148	137
5/15/2021	10	66	148	130
5/15/2021	11	69	148	135
5/15/2021	12	67	148	131
5/15/2021	13	69	148	135
5/15/2021	14	69	148	140
5/15/2021	15	69	148	144
5/15/2021	16	67	148	137
5/15/2021	17	65	148	132
5/15/2021	18	68	150	150
5/15/2021	19	70	150	150
5/15/2021	20	68	150	150
5/15/2021	21	66	149	142
5/15/2021	22	63	148	128
5/15/2021	23	60	148	138
5/15/2021	24	58	147	135
5/16/2021	1	54	143	132
5/16/2021	2	52	143	130
5/16/2021	3	51	143	129
5/16/2021	4	50	143	126
5/16/2021	5	51	144	126
5/16/2021	6	51	146	128
5/16/2021	7	49	146	130
5/16/2021	8	50	136	132
5/16/2021	9	54	147	137
5/16/2021	10	57	147	130
5/16/2021	11	60	147	135
5/16/2021	12	60	147	131
5/16/2021	13	61	147	135
5/16/2021	14	63	148	140
5/16/2021	15	62	148	144
5/16/2021	16	61	148	137
5/16/2021	17	60	148	132
5/16/2021	18	64	149	129

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/16/2021	19	66	149	133
5/16/2021	20	65	149	132
5/16/2021	21	63	149	129
5/16/2021	22	61	147	127
5/16/2021	23	58	146	138
5/16/2021	24	55	145	135
5/17/2021	1	53	145	132
5/17/2021	2	52	145	130
5/17/2021	3	51	145	129
5/17/2021	4	50	145	126
5/17/2021	5	51	145	126
5/17/2021	6	53	146	128
5/17/2021	7	53	146	130
5/17/2021	8	58	147	132
5/17/2021	9	68	147	137
5/17/2021	10	73	150	150
5/17/2021	11	76	150	150
5/17/2021	12	75	150	150
5/17/2021	13	76	150	150
5/17/2021	14	78	150	150
5/17/2021	15	77	150	150
5/17/2021	16	76	150	150
5/17/2021	17	70	150	150
5/17/2021	18	71	150	150
5/17/2021	19	72	150	150
5/17/2021	20	70	150	150
5/17/2021	21	69	149	137
5/17/2021	22	65	147	127
5/17/2021	23	61	146	138
5/17/2021	24	58	145	135
5/18/2021	1	55	128	128
5/18/2021	2	53	125	125
5/18/2021	3	51	123	123
5/18/2021	4	50	121	121
5/18/2021	5	53	122	120
5/18/2021	6	53	123	123
5/18/2021	7	53	125	125
5/18/2021	8	61	126	126
5/18/2021	9	68	146	138
5/18/2021	10	73	147	146
5/18/2021	11	76	150	150
5/18/2021	12	75	146	135
5/18/2021	13	76	150	150
5/18/2021	14	78	150	150
5/18/2021	15	77	150	150
5/18/2021	16	76	150	150
5/18/2021	17	72	146	138
5/18/2021	18	73	150	150
5/18/2021	19	74	150	150
5/18/2021	20	71	146	144
5/18/2021	21	68	146	131
5/18/2021	22	65	132	129
5/18/2021	23	61	140	140
5/18/2021	24	58	133	133
5/19/2021	1	54	131	131
5/19/2021	2	53	129	129
5/19/2021	3	52	127	127
5/19/2021	4	51	125	125
5/19/2021	5	52	125	125
5/19/2021	6	54	126	126
5/19/2021	7	53	128	128
5/19/2021	8	61	133	133
5/19/2021	9	70	147	138
5/19/2021	10	75	147	138
5/19/2021	11	77	147	140

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/19/2021	12	77	147	143
5/19/2021	13	77	147	139
5/19/2021	14	79	147	143
5/19/2021	15	78	147	141
5/19/2021	16	76	147	141
5/19/2021	17	72	147	137
5/19/2021	18	72	147	136
5/19/2021	19	73	147	142
5/19/2021	20	71	147	139
5/19/2021	21	70	147	136
5/19/2021	22	66	133	129
5/19/2021	23	61	138	138
5/19/2021	24	58	135	135
5/20/2021	1	53	131	131
5/20/2021	2	52	129	129
5/20/2021	3	50	127	127
5/20/2021	4	49	126	126
5/20/2021	5	50	126	126
5/20/2021	6	54	126	126
5/20/2021	7	53	128	128
5/20/2021	8	58	133	133
5/20/2021	9	64	147	140
5/20/2021	10	68	147	135
5/20/2021	11	72	147	138
5/20/2021	12	71	147	134
5/20/2021	13	74	147	132
5/20/2021	14	76	147	135
5/20/2021	15	75	147	138
5/20/2021	16	72	147	134
5/20/2021	17	70	147	133
5/20/2021	18	72	147	142
5/20/2021	19	73	147	142
5/20/2021	20	70	147	135
5/20/2021	21	67	147	130
5/20/2021	22	63	133	128
5/20/2021	23	59	136	136
5/20/2021	24	55	134	134
5/21/2021	1	53	135	135
5/21/2021	2	51	133	133
5/21/2021	3	50	131	131
5/21/2021	4	49	127	127
5/21/2021	5	50	128	128
5/21/2021	6	53	131	131
5/21/2021	7	52	129	129
5/21/2021	8	58	131	131
5/21/2021	9	66	147	138
5/21/2021	10	71	147	134
5/21/2021	11	74	147	137
5/21/2021	12	73	147	133
5/21/2021	13	75	147	142
5/21/2021	14	77	150	150
5/21/2021	15	76	150	150
5/21/2021	16	73	147	144
5/21/2021	17	69	147	133
5/21/2021	18	70	150	150
5/21/2021	19	72	150	150
5/21/2021	20	70	150	150
5/21/2021	21	70	150	150
5/21/2021	22	66	134	134
5/21/2021	23	62	141	141
5/21/2021	24	57	137	137
5/22/2021	1	52	132	132
5/22/2021	2	51	130	130
5/22/2021	3	50	127	127
5/22/2021	4	49	127	127

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/22/2021	5	51	127	127
5/22/2021	6	51	129	129
5/22/2021	7	51	131	131
5/22/2021	8	54	135	135
5/22/2021	9	58	146	138
5/22/2021	10	64	146	134
5/22/2021	11	66	146	140
5/22/2021	12	65	146	138
5/22/2021	13	66	146	138
5/22/2021	14	68	146	140
5/22/2021	15	67	146	145
5/22/2021	16	65	146	139
5/22/2021	17	64	146	135
5/22/2021	18	66	147	135
5/22/2021	19	69	147	137
5/22/2021	20	66	147	134
5/22/2021	21	64	147	132
5/22/2021	22	62	133	129
5/22/2021	23	59	142	142
5/22/2021	24	56	136	136
5/23/2021	1	52	132	132
5/23/2021	2	50	130	130
5/23/2021	3	49	128	128
5/23/2021	4	49	127	127
5/23/2021	5	50	127	127
5/23/2021	6	50	129	129
5/23/2021	7	48	131	131
5/23/2021	8	50	135	135
5/23/2021	9	53	145	141
5/23/2021	10	57	145	137
5/23/2021	11	60	145	139
5/23/2021	12	59	145	137
5/23/2021	13	61	145	136
5/23/2021	14	62	145	139
5/23/2021	15	61	145	140
5/23/2021	16	60	145	139
5/23/2021	17	59	145	136
5/23/2021	18	63	146	133
5/23/2021	19	66	146	135
5/23/2021	20	65	146	134
5/23/2021	21	63	146	132
5/23/2021	22	61	131	129
5/23/2021	23	58	143	143
5/23/2021	24	56	137	137
5/24/2021	1	53	132	132
5/24/2021	2	51	130	130
5/24/2021	3	50	128	128
5/24/2021	4	49	127	127
5/24/2021	5	51	127	127
5/24/2021	6	53	129	129
5/24/2021	7	53	131	131
5/24/2021	8	59	135	135
5/24/2021	9	68	145	138
5/24/2021	10	72	150	150
5/24/2021	11	76	150	150
5/24/2021	12	75	150	150
5/24/2021	13	76	150	150
5/24/2021	14	78	150	150
5/24/2021	15	77	150	150
5/24/2021	16	75	150	150
5/24/2021	17	70	150	150
5/24/2021	18	70	150	150
5/24/2021	19	72	150	150
5/24/2021	20	70	150	150
5/24/2021	21	68	146	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/24/2021	22	64	135	135
5/24/2021	23	59	143	143
5/24/2021	24	56	137	137
5/25/2021	1	55	135	135
5/25/2021	2	54	134	134
5/25/2021	3	52	132	132
5/25/2021	4	51	132	132
5/25/2021	5	53	132	132
5/25/2021	6	54	133	133
5/25/2021	7	53	134	134
5/25/2021	8	60	138	138
5/25/2021	9	69	150	150
5/25/2021	10	73	150	150
5/25/2021	11	77	150	150
5/25/2021	12	76	150	150
5/25/2021	13	77	150	150
5/25/2021	14	79	150	150
5/25/2021	15	77	150	150
5/25/2021	16	76	150	150
5/25/2021	17	71	150	150
5/25/2021	18	72	150	150
5/25/2021	19	73	150	150
5/25/2021	20	70	150	150
5/25/2021	21	67	145	144
5/25/2021	22	64	136	136
5/25/2021	23	61	143	143
5/25/2021	24	57	139	139
5/26/2021	1	56	135	135
5/26/2021	2	54	134	134
5/26/2021	3	53	131	131
5/26/2021	4	52	129	129
5/26/2021	5	53	129	129
5/26/2021	6	54	131	131
5/26/2021	7	53	131	131
5/26/2021	8	61	136	136
5/26/2021	9	69	150	150
5/26/2021	10	73	150	150
5/26/2021	11	76	150	150
5/26/2021	12	76	150	150
5/26/2021	13	77	150	150
5/26/2021	14	79	150	150
5/26/2021	15	77	150	150
5/26/2021	16	75	150	150
5/26/2021	17	70	146	145
5/26/2021	18	71	150	150
5/26/2021	19	73	150	150
5/26/2021	20	72	150	150
5/26/2021	21	69	150	150
5/26/2021	22	66	150	145
5/26/2021	23	63	142	142
5/26/2021	24	60	139	139
5/27/2021	1	56	150	150
5/27/2021	2	54	150	150
5/27/2021	3	53	150	150
5/27/2021	4	52	150	150
5/27/2021	5	54	150	150
5/27/2021	6	55	150	150
5/27/2021	7	55	150	150
5/27/2021	8	61	150	150
5/27/2021	9	69	150	150
5/27/2021	10	74	150	150
5/27/2021	11	78	150	150
5/27/2021	12	76	150	150
5/27/2021	13	77	150	150
5/27/2021	14	79	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/27/2021	15	77	150	150
5/27/2021	16	76	150	150
5/27/2021	17	71	150	150
5/27/2021	18	72	150	150
5/27/2021	19	73	150	150
5/27/2021	20	71	150	150
5/27/2021	21	69	150	150
5/27/2021	22	64	150	150
5/27/2021	23	61	150	150
5/27/2021	24	58	150	150
5/28/2021	1	54	150	150
5/28/2021	2	52	150	150
5/28/2021	3	50	150	150
5/28/2021	4	50	150	150
5/28/2021	5	51	150	150
5/28/2021	6	54	150	150
5/28/2021	7	53	150	150
5/28/2021	8	58	150	150
5/28/2021	9	67	150	150
5/28/2021	10	71	150	150
5/28/2021	11	74	150	150
5/28/2021	12	74	150	150
5/28/2021	13	75	150	150
5/28/2021	14	77	150	150
5/28/2021	15	76	150	150
5/28/2021	16	73	150	150
5/28/2021	17	69	150	150
5/28/2021	18	70	150	150
5/28/2021	19	72	150	150
5/28/2021	20	70	150	150
5/28/2021	21	66	150	150
5/28/2021	22	62	150	150
5/28/2021	23	59	150	150
5/28/2021	24	56	150	150
5/29/2021	1	55	150	150
5/29/2021	2	53	150	150
5/29/2021	3	52	150	150
5/29/2021	4	52	150	150
5/29/2021	5	52	150	150
5/29/2021	6	54	150	150
5/29/2021	7	53	150	150
5/29/2021	8	57	150	150
5/29/2021	9	61	150	150
5/29/2021	10	65	150	150
5/29/2021	11	68	150	150
5/29/2021	12	67	150	150
5/29/2021	13	69	150	150
5/29/2021	14	72	150	150
5/29/2021	15	69	150	150
5/29/2021	16	68	150	150
5/29/2021	17	66	150	150
5/29/2021	18	69	150	150
5/29/2021	19	72	150	150
5/29/2021	20	69	150	150
5/29/2021	21	67	150	150
5/29/2021	22	63	150	150
5/29/2021	23	60	150	150
5/29/2021	24	58	150	150
5/30/2021	1	54	132	132
5/30/2021	2	53	130	130
5/30/2021	3	51	129	129
5/30/2021	4	50	126	126
5/30/2021	5	51	126	126
5/30/2021	6	51	128	128
5/30/2021	7	49	130	130

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/30/2021	8	51	132	132
5/30/2021	9	53	145	137
5/30/2021	10	57	146	130
5/30/2021	11	59	145	135
5/30/2021	12	61	146	131
5/30/2021	13	62	146	135
5/30/2021	14	63	146	140
5/30/2021	15	62	146	144
5/30/2021	16	61	145	137
5/30/2021	17	61	145	132
5/30/2021	18	64	147	129
5/30/2021	19	66	147	133
5/30/2021	20	65	147	132
5/30/2021	21	63	146	129
5/30/2021	22	61	134	127
5/30/2021	23	58	138	138
5/30/2021	24	56	135	135
5/31/2021	1	53	150	150
5/31/2021	2	51	150	150
5/31/2021	3	50	150	150
5/31/2021	4	49	150	150
5/31/2021	5	51	150	150
5/31/2021	6	53	150	150
5/31/2021	7	53	150	150
5/31/2021	8	59	150	150
5/31/2021	9	68	150	150
5/31/2021	10	73	150	150
5/31/2021	11	76	150	150
5/31/2021	12	75	150	150
5/31/2021	13	76	150	150
5/31/2021	14	78	150	150
5/31/2021	15	77	150	150
5/31/2021	16	75	150	150
5/31/2021	17	70	150	150
5/31/2021	18	71	150	150
5/31/2021	19	73	150	150
5/31/2021	20	71	150	150
5/31/2021	21	69	150	150
5/31/2021	22	65	150	150
5/31/2021	23	62	150	150
5/31/2021	24	58	150	150
6/1/2021	1	55	150	150
6/1/2021	2	54	150	150
6/1/2021	3	53	150	150
6/1/2021	4	52	150	150
6/1/2021	5	53	150	150
6/1/2021	6	54	150	150
6/1/2021	7	53	150	150
6/1/2021	8	60	150	150
6/1/2021	9	69	150	150
6/1/2021	10	73	150	150
6/1/2021	11	76	150	150
6/1/2021	12	76	150	150
6/1/2021	13	77	150	150
6/1/2021	14	78	150	150
6/1/2021	15	77	150	150
6/1/2021	16	75	150	150
6/1/2021	17	72	150	150
6/1/2021	18	71	150	150
6/1/2021	19	72	150	150
6/1/2021	20	70	150	150
6/1/2021	21	69	150	150
6/1/2021	22	66	150	150
6/1/2021	23	62	150	150
6/1/2021	24	58	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/2/2021	1	53	150	150
6/2/2021	2	51	150	150
6/2/2021	3	50	150	150
6/2/2021	4	49	150	150
6/2/2021	5	51	150	150
6/2/2021	6	53	150	150
6/2/2021	7	52	150	150
6/2/2021	8	59	150	150
6/2/2021	9	66	150	150
6/2/2021	10	70	150	150
6/2/2021	11	74	150	150
6/2/2021	12	74	150	150
6/2/2021	13	74	150	150
6/2/2021	14	77	150	150
6/2/2021	15	75	150	150
6/2/2021	16	72	150	150
6/2/2021	17	69	150	150
6/2/2021	18	69	150	150
6/2/2021	19	70	150	150
6/2/2021	20	68	150	150
6/2/2021	21	66	150	150
6/2/2021	22	62	150	150
6/2/2021	23	58	150	150
6/2/2021	24	55	150	150
6/3/2021	1	53	150	150
6/3/2021	2	50	150	150
6/3/2021	3	49	150	150
6/3/2021	4	48	150	150
6/3/2021	5	51	150	150
6/3/2021	6	52	150	150
6/3/2021	7	51	150	150
6/3/2021	8	60	150	150
6/3/2021	9	69	150	150
6/3/2021	10	73	150	150
6/3/2021	11	76	150	150
6/3/2021	12	76	150	150
6/3/2021	13	76	150	150
6/3/2021	14	78	150	150
6/3/2021	15	76	150	150
6/3/2021	16	73	150	150
6/3/2021	17	70	150	150
6/3/2021	18	71	150	150
6/3/2021	19	72	150	150
6/3/2021	20	70	150	150
6/3/2021	21	67	150	150
6/3/2021	22	64	150	150
6/3/2021	23	59	150	150
6/3/2021	24	55	150	150
6/4/2021	1	56	150	150
6/4/2021	2	54	150	150
6/4/2021	3	52	150	150
6/4/2021	4	51	150	150
6/4/2021	5	53	150	150
6/4/2021	6	55	150	150
6/4/2021	7	54	150	150
6/4/2021	8	61	150	150
6/4/2021	9	69	150	150
6/4/2021	10	73	150	150
6/4/2021	11	77	150	150
6/4/2021	12	76	150	150
6/4/2021	13	77	150	150
6/4/2021	14	79	150	150
6/4/2021	15	78	150	150
6/4/2021	16	76	150	150
6/4/2021	17	72	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/4/2021	18	72	150	150
6/4/2021	19	74	150	150
6/4/2021	20	72	150	150
6/4/2021	21	68	150	150
6/4/2021	22	66	150	150
6/4/2021	23	62	150	150
6/4/2021	24	58	150	150
6/5/2021	1	54	150	150
6/5/2021	2	53	150	150
6/5/2021	3	51	150	150
6/5/2021	4	50	150	150
6/5/2021	5	52	150	150
6/5/2021	6	53	150	150
6/5/2021	7	53	150	150
6/5/2021	8	58	150	150
6/5/2021	9	63	150	150
6/5/2021	10	66	150	150
6/5/2021	11	68	150	150
6/5/2021	12	69	150	150
6/5/2021	13	70	150	150
6/5/2021	14	72	150	150
6/5/2021	15	71	150	150
6/5/2021	16	69	150	150
6/5/2021	17	66	150	150
6/5/2021	18	69	150	150
6/5/2021	19	72	150	150
6/5/2021	20	69	150	150
6/5/2021	21	67	150	150
6/5/2021	22	64	150	150
6/5/2021	23	60	150	150
6/5/2021	24	57	150	150
6/6/2021	1	55	150	150
6/6/2021	2	53	150	150
6/6/2021	3	52	150	150
6/6/2021	4	51	150	150
6/6/2021	5	52	150	150
6/6/2021	6	53	150	150
6/6/2021	7	51	150	150
6/6/2021	8	52	150	150
6/6/2021	9	54	150	150
6/6/2021	10	58	150	150
6/6/2021	11	60	150	150
6/6/2021	12	60	150	150
6/6/2021	13	61	150	150
6/6/2021	14	62	150	150
6/6/2021	15	61	150	150
6/6/2021	16	59	150	150
6/6/2021	17	59	150	150
6/6/2021	18	63	150	150
6/6/2021	19	66	150	150
6/6/2021	20	64	150	150
6/6/2021	21	63	150	150
6/6/2021	22	61	150	150
6/6/2021	23	58	150	150
6/6/2021	24	55	150	150
6/7/2021	1	53	150	150
6/7/2021	2	51	150	150
6/7/2021	3	50	150	150
6/7/2021	4	49	150	150
6/7/2021	5	51	150	150
6/7/2021	6	53	150	150
6/7/2021	7	53	150	150
6/7/2021	8	59	150	150
6/7/2021	9	68	150	150
6/7/2021	10	73	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/7/2021	11	76	150	150
6/7/2021	12	75	150	150
6/7/2021	13	76	150	150
6/7/2021	14	78	150	150
6/7/2021	15	78	150	150
6/7/2021	16	75	150	150
6/7/2021	17	70	150	150
6/7/2021	18	71	150	150
6/7/2021	19	72	150	150
6/7/2021	20	70	150	150
6/7/2021	21	68	150	150
6/7/2021	22	65	150	150
6/7/2021	23	61	150	150
6/7/2021	24	58	150	150
6/8/2021	1	56	150	150
6/8/2021	2	54	150	150
6/8/2021	3	53	150	150
6/8/2021	4	51	150	150
6/8/2021	5	53	150	150
6/8/2021	6	54	150	150
6/8/2021	7	53	150	150
6/8/2021	8	60	150	150
6/8/2021	9	69	150	150
6/8/2021	10	72	150	150
6/8/2021	11	76	150	150
6/8/2021	12	74	150	150
6/8/2021	13	75	150	150
6/8/2021	14	77	150	150
6/8/2021	15	75	150	150
6/8/2021	16	73	150	150
6/8/2021	17	71	150	150
6/8/2021	18	72	150	150
6/8/2021	19	73	150	150
6/8/2021	20	70	150	150
6/8/2021	21	68	150	150
6/8/2021	22	66	150	150
6/8/2021	23	62	150	150
6/8/2021	24	58	150	150
6/9/2021	1	56	150	150
6/9/2021	2	54	150	150
6/9/2021	3	52	150	150
6/9/2021	4	51	150	150
6/9/2021	5	51	150	150
6/9/2021	6	53	150	150
6/9/2021	7	53	150	150
6/9/2021	8	59	150	150
6/9/2021	9	67	150	150
6/9/2021	10	72	150	150
6/9/2021	11	75	150	150
6/9/2021	12	75	150	150
6/9/2021	13	76	150	150
6/9/2021	14	78	150	150
6/9/2021	15	77	150	150
6/9/2021	16	75	150	150
6/9/2021	17	71	150	150
6/9/2021	18	72	150	150
6/9/2021	19	74	150	150
6/9/2021	20	72	150	150
6/9/2021	21	70	150	150
6/9/2021	22	67	150	150
6/9/2021	23	63	150	150
6/9/2021	24	60	150	150
6/10/2021	1	58	150	150
6/10/2021	2	55	150	150
6/10/2021	3	54	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/10/2021	4	53	150	150
6/10/2021	5	55	150	150
6/10/2021	6	56	150	150
6/10/2021	7	54	150	150
6/10/2021	8	61	150	150
6/10/2021	9	68	150	150
6/10/2021	10	73	150	150
6/10/2021	11	76	150	150
6/10/2021	12	76	150	150
6/10/2021	13	76	150	150
6/10/2021	14	79	150	150
6/10/2021	15	78	150	150
6/10/2021	16	75	150	150
6/10/2021	17	71	150	150
6/10/2021	18	72	150	150
6/10/2021	19	74	150	150
6/10/2021	20	72	150	150
6/10/2021	21	70	150	150
6/10/2021	22	66	150	150
6/10/2021	23	62	150	150
6/10/2021	24	60	150	150
6/11/2021	1	56	150	150
6/11/2021	2	54	150	150
6/11/2021	3	52	150	150
6/11/2021	4	52	150	150
6/11/2021	5	54	150	150
6/11/2021	6	55	150	150
6/11/2021	7	54	150	150
6/11/2021	8	60	150	150
6/11/2021	9	68	150	150
6/11/2021	10	73	150	150
6/11/2021	11	76	150	150
6/11/2021	12	76	150	150
6/11/2021	13	76	150	150
6/11/2021	14	78	150	150
6/11/2021	15	76	150	150
6/11/2021	16	74	150	150
6/11/2021	17	71	150	150
6/11/2021	18	72	150	150
6/11/2021	19	73	150	150
6/11/2021	20	71	150	150
6/11/2021	21	69	150	150
6/11/2021	22	66	150	150
6/11/2021	23	62	150	150
6/11/2021	24	58	150	150
6/12/2021	1	56	150	150
6/12/2021	2	54	150	150
6/12/2021	3	52	150	150
6/12/2021	4	51	150	150
6/12/2021	5	52	150	150
6/12/2021	6	55	150	150
6/12/2021	7	54	150	150
6/12/2021	8	57	150	150
6/12/2021	9	61	150	150
6/12/2021	10	66	150	150
6/12/2021	11	68	150	150
6/12/2021	12	69	150	150
6/12/2021	13	70	150	150
6/12/2021	14	71	150	150
6/12/2021	15	71	150	150
6/12/2021	16	68	150	150
6/12/2021	17	66	150	150
6/12/2021	18	69	150	150
6/12/2021	19	72	150	150
6/12/2021	20	70	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/12/2021	21	68	150	150
6/12/2021	22	64	150	150
6/12/2021	23	61	150	150
6/12/2021	24	58	150	150
6/13/2021	1	56	150	150
6/13/2021	2	54	150	150
6/13/2021	3	52	150	150
6/13/2021	4	51	150	150
6/13/2021	5	52	150	150
6/13/2021	6	53	150	150
6/13/2021	7	51	150	150
6/13/2021	8	52	150	150
6/13/2021	9	54	150	150
6/13/2021	10	58	150	150
6/13/2021	11	60	150	150
6/13/2021	12	60	150	150
6/13/2021	13	61	150	150
6/13/2021	14	62	150	150
6/13/2021	15	61	150	150
6/13/2021	16	59	150	150
6/13/2021	17	58	150	150
6/13/2021	18	63	150	150
6/13/2021	19	66	150	150
6/13/2021	20	64	150	150
6/13/2021	21	62	150	150
6/13/2021	22	59	150	150
6/13/2021	23	57	150	150
6/13/2021	24	54	150	150
6/14/2021	1	52	150	150
6/14/2021	2	50	150	150
6/14/2021	3	50	150	150
6/14/2021	4	49	150	150
6/14/2021	5	50	150	150
6/14/2021	6	52	150	150
6/14/2021	7	52	150	150
6/14/2021	8	59	150	150
6/14/2021	9	68	150	150
6/14/2021	10	73	150	150
6/14/2021	11	75	150	150
6/14/2021	12	75	150	150
6/14/2021	13	76	150	150
6/14/2021	14	78	150	150
6/14/2021	15	77	150	150
6/14/2021	16	75	150	150
6/14/2021	17	71	150	150
6/14/2021	18	71	150	150
6/14/2021	19	72	150	150
6/14/2021	20	70	150	150
6/14/2021	21	69	150	150
6/14/2021	22	65	150	150
6/14/2021	23	61	150	150
6/14/2021	24	58	150	150
6/15/2021	1	55	150	150
6/15/2021	2	53	150	150
6/15/2021	3	52	150	150
6/15/2021	4	51	150	150
6/15/2021	5	52	150	150
6/15/2021	6	54	150	150
6/15/2021	7	53	150	150
6/15/2021	8	60	150	150
6/15/2021	9	67	150	150
6/15/2021	10	71	150	150
6/15/2021	11	76	150	150
6/15/2021	12	75	150	150
6/15/2021	13	75	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/15/2021	14	78	150	150
6/15/2021	15	77	150	150
6/15/2021	16	75	150	150
6/15/2021	17	71	150	150
6/15/2021	18	72	150	150
6/15/2021	19	73	150	150
6/15/2021	20	72	150	150
6/15/2021	21	69	150	150
6/15/2021	22	65	150	150
6/15/2021	23	59	150	150
6/15/2021	24	57	150	150
6/16/2021	1	56	150	150
6/16/2021	2	55	150	150
6/16/2021	3	53	150	150
6/16/2021	4	52	150	150
6/16/2021	5	54	150	150
6/16/2021	6	55	150	150
6/16/2021	7	54	150	150
6/16/2021	8	60	150	150
6/16/2021	9	68	150	150
6/16/2021	10	72	150	150
6/16/2021	11	75	150	150
6/16/2021	12	75	150	150
6/16/2021	13	75	150	150
6/16/2021	14	78	150	150
6/16/2021	15	77	150	150
6/16/2021	16	74	150	150
6/16/2021	17	72	150	150
6/16/2021	18	72	150	150
6/16/2021	19	73	150	150
6/16/2021	20	71	150	150
6/16/2021	21	68	150	150
6/16/2021	22	65	150	150
6/16/2021	23	62	150	150
6/16/2021	24	57	150	150
6/17/2021	1	55	150	150
6/17/2021	2	53	150	150
6/17/2021	3	52	150	150
6/17/2021	4	51	150	150
6/17/2021	5	53	150	150
6/17/2021	6	54	150	150
6/17/2021	7	54	150	150
6/17/2021	8	59	150	150
6/17/2021	9	67	150	150
6/17/2021	10	73	150	150
6/17/2021	11	76	150	150
6/17/2021	12	76	150	150
6/17/2021	13	76	150	150
6/17/2021	14	78	150	150
6/17/2021	15	78	150	150
6/17/2021	16	76	150	150
6/17/2021	17	71	150	150
6/17/2021	18	72	150	150
6/17/2021	19	73	150	150
6/17/2021	20	72	150	150
6/17/2021	21	70	150	150
6/17/2021	22	67	150	150
6/17/2021	23	63	150	150
6/17/2021	24	58	150	150
6/18/2021	1	55	133	133
6/18/2021	2	53	131	131
6/18/2021	3	52	128	128
6/18/2021	4	51	125	125
6/18/2021	5	53	125	125
6/18/2021	6	54	128	128

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/18/2021	7	54	128	128
6/18/2021	8	60	132	132
6/18/2021	9	68	137	137
6/18/2021	10	73	133	133
6/18/2021	11	77	132	132
6/18/2021	12	75	133	133
6/18/2021	13	76	133	133
6/18/2021	14	77	137	137
6/18/2021	15	75	143	143
6/18/2021	16	73	138	138
6/18/2021	17	69	133	133
6/18/2021	18	70	133	133
6/18/2021	19	72	137	137
6/18/2021	20	69	134	134
6/18/2021	21	67	128	128
6/18/2021	22	64	128	128
6/18/2021	23	60	141	141
6/18/2021	24	57	136	136
6/19/2021	1	55	150	150
6/19/2021	2	53	150	150
6/19/2021	3	51	150	150
6/19/2021	4	51	150	150
6/19/2021	5	52	150	150
6/19/2021	6	54	150	150
6/19/2021	7	54	150	150
6/19/2021	8	57	150	150
6/19/2021	9	61	150	150
6/19/2021	10	64	150	150
6/19/2021	11	68	150	150
6/19/2021	12	68	150	150
6/19/2021	13	68	150	150
6/19/2021	14	71	150	150
6/19/2021	15	70	150	150
6/19/2021	16	68	150	150
6/19/2021	17	66	150	150
6/19/2021	18	69	150	150
6/19/2021	19	71	150	150
6/19/2021	20	68	150	150
6/19/2021	21	67	150	150
6/19/2021	22	64	150	150
6/19/2021	23	60	150	150
6/19/2021	24	57	150	150
6/20/2021	1	54	150	150
6/20/2021	2	53	150	150
6/20/2021	3	51	150	150
6/20/2021	4	51	150	150
6/20/2021	5	51	150	150
6/20/2021	6	52	150	150
6/20/2021	7	51	150	150
6/20/2021	8	52	150	150
6/20/2021	9	54	150	150
6/20/2021	10	57	150	150
6/20/2021	11	60	150	150
6/20/2021	12	59	150	150
6/20/2021	13	60	150	150
6/20/2021	14	61	150	150
6/20/2021	15	60	150	150
6/20/2021	16	59	150	150
6/20/2021	17	59	150	150
6/20/2021	18	63	150	150
6/20/2021	19	68	150	150
6/20/2021	20	66	150	150
6/20/2021	21	64	150	150
6/20/2021	22	61	150	150
6/20/2021	23	57	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/20/2021	24	54	150	150
6/21/2021	1	52	150	150
6/21/2021	2	50	150	150
6/21/2021	3	49	150	150
6/21/2021	4	49	150	150
6/21/2021	5	51	150	150
6/21/2021	6	52	150	150
6/21/2021	7	52	150	150
6/21/2021	8	58	150	150
6/21/2021	9	66	150	150
6/21/2021	10	72	150	150
6/21/2021	11	75	150	150
6/21/2021	12	74	150	150
6/21/2021	13	75	150	150
6/21/2021	14	78	150	150
6/21/2021	15	77	150	150
6/21/2021	16	74	150	150
6/21/2021	17	69	150	150
6/21/2021	18	70	150	150
6/21/2021	19	72	150	150
6/21/2021	20	70	150	150
6/21/2021	21	68	150	150
6/21/2021	22	64	150	150
6/21/2021	23	61	150	150
6/21/2021	24	57	150	150
6/22/2021	1	55	150	109
6/22/2021	2	53	150	109
6/22/2021	3	52	150	108
6/22/2021	4	51	150	108
6/22/2021	5	52	150	106
6/22/2021	6	55	150	110
6/22/2021	7	55	150	109
6/22/2021	8	60	150	134
6/22/2021	9	68	150	150
6/22/2021	10	73	150	150
6/22/2021	11	76	150	150
6/22/2021	12	76	150	150
6/22/2021	13	77	150	150
6/22/2021	14	79	150	150
6/22/2021	15	78	150	150
6/22/2021	16	76	150	150
6/22/2021	17	72	150	150
6/22/2021	18	72	150	150
6/22/2021	19	73	150	150
6/22/2021	20	72	150	150
6/22/2021	21	70	150	150
6/22/2021	22	67	150	143
6/22/2021	23	63	150	134
6/22/2021	24	59	150	134
6/23/2021	1	56	150	115
6/23/2021	2	54	150	109
6/23/2021	3	53	150	109
6/23/2021	4	52	150	108
6/23/2021	5	53	150	109
6/23/2021	6	55	150	113
6/23/2021	7	54	150	110
6/23/2021	8	61	150	130
6/23/2021	9	69	150	150
6/23/2021	10	74	150	150
6/23/2021	11	77	150	150
6/23/2021	12	76	150	150
6/23/2021	13	77	150	150
6/23/2021	14	80	150	150
6/23/2021	15	79	150	150
6/23/2021	16	76	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/23/2021	17	72	150	150
6/23/2021	18	72	150	150
6/23/2021	19	73	150	150
6/23/2021	20	71	150	150
6/23/2021	21	69	150	146
6/23/2021	22	65	150	135
6/23/2021	23	62	150	135
6/23/2021	24	58	150	128
6/24/2021	1	57	150	118
6/24/2021	2	54	150	110
6/24/2021	3	52	150	109
6/24/2021	4	52	150	109
6/24/2021	5	53	150	109
6/24/2021	6	55	150	110
6/24/2021	7	55	150	110
6/24/2021	8	60	150	129
6/24/2021	9	68	150	150
6/24/2021	10	74	150	150
6/24/2021	11	78	150	150
6/24/2021	12	76	150	150
6/24/2021	13	78	150	150
6/24/2021	14	79	150	150
6/24/2021	15	78	150	150
6/24/2021	16	75	150	150
6/24/2021	17	71	150	150
6/24/2021	18	71	150	150
6/24/2021	19	72	150	150
6/24/2021	20	70	150	150
6/24/2021	21	68	150	136
6/24/2021	22	65	150	131
6/24/2021	23	61	150	129
6/24/2021	24	58	150	123
6/25/2021	1	56	150	110
6/25/2021	2	54	150	110
6/25/2021	3	53	150	110
6/25/2021	4	52	150	110
6/25/2021	5	54	150	110
6/25/2021	6	55	150	110
6/25/2021	7	54	150	108
6/25/2021	8	60	150	129
6/25/2021	9	67	150	150
6/25/2021	10	72	150	150
6/25/2021	11	76	150	150
6/25/2021	12	75	150	150
6/25/2021	13	77	150	150
6/25/2021	14	78	150	150
6/25/2021	15	76	150	150
6/25/2021	16	73	150	150
6/25/2021	17	68	150	150
6/25/2021	18	69	150	150
6/25/2021	19	72	150	150
6/25/2021	20	70	150	150
6/25/2021	21	68	150	150
6/25/2021	22	65	150	150
6/25/2021	23	61	150	150
6/25/2021	24	58	150	137
6/26/2021	1	55	150	150
6/26/2021	2	54	150	150
6/26/2021	3	52	150	150
6/26/2021	4	51	150	150
6/26/2021	5	53	150	150
6/26/2021	6	54	150	150
6/26/2021	7	53	150	150
6/26/2021	8	56	150	150
6/26/2021	9	61	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/26/2021	10	65	150	150
6/26/2021	11	68	150	150
6/26/2021	12	68	150	150
6/26/2021	13	68	150	150
6/26/2021	14	70	150	150
6/26/2021	15	69	150	150
6/26/2021	16	68	150	150
6/26/2021	17	65	150	150
6/26/2021	18	67	150	150
6/26/2021	19	70	150	150
6/26/2021	20	68	150	150
6/26/2021	21	66	150	150
6/26/2021	22	64	150	150
6/26/2021	23	60	150	150
6/26/2021	24	57	150	150
6/27/2021	1	55	150	150
6/27/2021	2	53	150	150
6/27/2021	3	51	135	135
6/27/2021	4	50	135	120
6/27/2021	5	50	135	120
6/27/2021	6	52	135	120
6/27/2021	7	51	135	114
6/27/2021	8	52	135	108
6/27/2021	9	54	135	108
6/27/2021	10	56	135	113
6/27/2021	11	60	135	117
6/27/2021	12	60	135	118
6/27/2021	13	61	135	120
6/27/2021	14	62	135	120
6/27/2021	15	61	140	126
6/27/2021	16	59	140	126
6/27/2021	17	58	139	130
6/27/2021	18	63	150	150
6/27/2021	19	66	150	150
6/27/2021	20	65	150	150
6/27/2021	21	63	150	150
6/27/2021	22	61	150	150
6/27/2021	23	58	150	150
6/27/2021	24	54	150	150
6/28/2021	1	52	150	150
6/28/2021	2	50	150	150
6/28/2021	3	49	150	150
6/28/2021	4	49	150	150
6/28/2021	5	51	150	150
6/28/2021	6	52	150	150
6/28/2021	7	52	150	150
6/28/2021	8	58	150	150
6/28/2021	9	68	150	150
6/28/2021	10	72	150	150
6/28/2021	11	76	150	150
6/28/2021	12	75	150	150
6/28/2021	13	76	150	150
6/28/2021	14	78	150	150
6/28/2021	15	77	150	150
6/28/2021	16	74	150	150
6/28/2021	17	70	150	150
6/28/2021	18	71	150	150
6/28/2021	19	72	150	150
6/28/2021	20	70	150	150
6/28/2021	21	68	150	150
6/28/2021	22	65	150	150
6/28/2021	23	61	150	150
6/28/2021	24	58	150	150
6/29/2021	1	56	150	150
6/29/2021	2	54	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/29/2021	3	53	150	150
6/29/2021	4	52	150	150
6/29/2021	5	54	150	150
6/29/2021	6	55	150	150
6/29/2021	7	54	150	150
6/29/2021	8	60	150	150
6/29/2021	9	68	150	150
6/29/2021	10	74	150	150
6/29/2021	11	78	150	150
6/29/2021	12	76	150	150
6/29/2021	13	77	150	150
6/29/2021	14	79	150	150
6/29/2021	15	79	150	150
6/29/2021	16	76	150	150
6/29/2021	17	72	150	150
6/29/2021	18	72	150	150
6/29/2021	19	73	150	150
6/29/2021	20	71	150	150
6/29/2021	21	70	150	150
6/29/2021	22	66	150	150
6/29/2021	23	62	150	150
6/29/2021	24	58	150	150
6/30/2021	1	55	150	150
6/30/2021	2	53	150	150
6/30/2021	3	52	150	150
6/30/2021	4	51	150	150
6/30/2021	5	53	150	150
6/30/2021	6	54	150	150
6/30/2021	7	54	150	150
6/30/2021	8	59	150	150
6/30/2021	9	68	150	150
6/30/2021	10	72	150	150
6/30/2021	11	76	150	150
6/30/2021	12	75	150	150
6/30/2021	13	76	150	150
6/30/2021	14	78	150	150
6/30/2021	15	77	150	150
6/30/2021	16	76	150	150
6/30/2021	17	71	150	150
6/30/2021	18	72	150	150
6/30/2021	19	73	150	150
6/30/2021	20	70	150	150
6/30/2021	21	68	150	150
6/30/2021	22	65	150	150
6/30/2021	23	62	150	150
6/30/2021	24	58	150	150
7/1/2021	1	55	150	150
7/1/2021	2	53	150	150
7/1/2021	3	52	150	150
7/1/2021	4	51	150	150
7/1/2021	5	52	150	150
7/1/2021	6	54	150	150
7/1/2021	7	54	150	150
7/1/2021	8	61	150	150
7/1/2021	9	68	150	150
7/1/2021	10	73	150	150
7/1/2021	11	76	150	150
7/1/2021	12	75	150	150
7/1/2021	13	76	150	150
7/1/2021	14	78	150	150
7/1/2021	15	75	150	150
7/1/2021	16	73	150	150
7/1/2021	17	69	150	150
7/1/2021	18	69	150	150
7/1/2021	19	71	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/1/2021	20	69	150	150
7/1/2021	21	68	150	150
7/1/2021	22	64	150	150
7/1/2021	23	60	150	150
7/1/2021	24	58	150	150
7/2/2021	1	55	150	150
7/2/2021	2	53	150	150
7/2/2021	3	52	150	150
7/2/2021	4	51	150	150
7/2/2021	5	52	150	150
7/2/2021	6	54	150	150
7/2/2021	7	54	150	150
7/2/2021	8	61	150	150
7/2/2021	9	68	150	150
7/2/2021	10	73	150	150
7/2/2021	11	76	150	150
7/2/2021	12	75	150	150
7/2/2021	13	76	150	150
7/2/2021	14	78	150	150
7/2/2021	15	75	150	150
7/2/2021	16	73	150	150
7/2/2021	17	69	150	150
7/2/2021	18	69	150	150
7/2/2021	19	71	150	150
7/2/2021	20	69	150	150
7/2/2021	21	68	150	150
7/2/2021	22	64	150	150
7/2/2021	23	60	150	150
7/2/2021	24	58	150	150
7/3/2021	1	52	150	150
7/3/2021	2	51	150	150
7/3/2021	3	50	150	150
7/3/2021	4	49	150	150
7/3/2021	5	51	150	150
7/3/2021	6	52	150	150
7/3/2021	7	51	150	150
7/3/2021	8	53	150	150
7/3/2021	9	59	150	150
7/3/2021	10	64	150	150
7/3/2021	11	68	150	150
7/3/2021	12	67	150	150
7/3/2021	13	68	150	150
7/3/2021	14	70	150	150
7/3/2021	15	69	150	150
7/3/2021	16	68	150	150
7/3/2021	17	65	150	150
7/3/2021	18	67	150	150
7/3/2021	19	70	150	150
7/3/2021	20	68	150	150
7/3/2021	21	66	150	150
7/3/2021	22	62	150	150
7/3/2021	23	58	150	150
7/3/2021	24	56	150	150
7/4/2021	1	53	150	125
7/4/2021	2	51	150	125
7/4/2021	3	50	148	126
7/4/2021	4	49	135	124
7/4/2021	5	50	150	124
7/4/2021	6	50	150	124
7/4/2021	7	50	150	125
7/4/2021	8	51	126	120
7/4/2021	9	53	126	120
7/4/2021	10	57	125	118
7/4/2021	11	60	126	124
7/4/2021	12	60	127	125

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/4/2021	13	60	135	126
7/4/2021	14	62	139	125
7/4/2021	15	60	132	130
7/4/2021	16	58	132	130
7/4/2021	17	57	131	127
7/4/2021	18	60	143	130
7/4/2021	19	63	139	131
7/4/2021	20	62	130	127
7/4/2021	21	59	130	126
7/4/2021	22	57	132	124
7/4/2021	23	54	140	131
7/4/2021	24	51	134	124
7/5/2021	1	52	150	150
7/5/2021	2	51	150	150
7/5/2021	3	49	150	150
7/5/2021	4	49	150	150
7/5/2021	5	51	150	150
7/5/2021	6	52	150	150
7/5/2021	7	52	150	150
7/5/2021	8	58	150	150
7/5/2021	9	68	150	150
7/5/2021	10	73	150	150
7/5/2021	11	76	150	150
7/5/2021	12	75	150	150
7/5/2021	13	77	150	150
7/5/2021	14	78	150	150
7/5/2021	15	77	150	150
7/5/2021	16	75	150	150
7/5/2021	17	70	150	150
7/5/2021	18	71	150	150
7/5/2021	19	72	150	150
7/5/2021	20	69	150	150
7/5/2021	21	68	150	150
7/5/2021	22	64	150	150
7/5/2021	23	61	150	150
7/5/2021	24	57	150	150
7/6/2021	1	54	150	150
7/6/2021	2	52	150	150
7/6/2021	3	51	150	150
7/6/2021	4	50	150	150
7/6/2021	5	52	150	150
7/6/2021	6	54	150	150
7/6/2021	7	54	150	150
7/6/2021	8	60	150	150
7/6/2021	9	68	150	150
7/6/2021	10	73	150	150
7/6/2021	11	76	150	150
7/6/2021	12	76	150	150
7/6/2021	13	76	150	150
7/6/2021	14	79	150	150
7/6/2021	15	78	150	150
7/6/2021	16	76	150	150
7/6/2021	17	70	150	150
7/6/2021	18	70	150	150
7/6/2021	19	72	150	150
7/6/2021	20	69	150	150
7/6/2021	21	67	150	150
7/6/2021	22	63	150	150
7/6/2021	23	60	150	150
7/6/2021	24	56	150	150
7/7/2021	1	55	150	150
7/7/2021	2	52	150	150
7/7/2021	3	51	150	150
7/7/2021	4	50	150	150
7/7/2021	5	53	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/7/2021	6	54	150	150
7/7/2021	7	53	150	150
7/7/2021	8	60	150	150
7/7/2021	9	68	150	150
7/7/2021	10	73	150	150
7/7/2021	11	77	150	150
7/7/2021	12	76	150	150
7/7/2021	13	77	150	150
7/7/2021	14	79	150	150
7/7/2021	15	78	150	150
7/7/2021	16	75	150	150
7/7/2021	17	70	150	150
7/7/2021	18	69	150	150
7/7/2021	19	71	150	150
7/7/2021	20	69	150	150
7/7/2021	21	66	150	150
7/7/2021	22	62	150	150
7/7/2021	23	59	150	150
7/7/2021	24	56	150	150
7/8/2021	1	54	150	150
7/8/2021	2	52	150	150
7/8/2021	3	50	150	150
7/8/2021	4	50	150	150
7/8/2021	5	52	150	150
7/8/2021	6	54	150	150
7/8/2021	7	54	150	150
7/8/2021	8	58	150	150
7/8/2021	9	66	150	150
7/8/2021	10	70	150	150
7/8/2021	11	75	150	150
7/8/2021	12	74	150	150
7/8/2021	13	75	150	150
7/8/2021	14	78	150	150
7/8/2021	15	76	150	150
7/8/2021	16	73	150	150
7/8/2021	17	69	150	150
7/8/2021	18	70	150	150
7/8/2021	19	70	150	150
7/8/2021	20	68	150	150
7/8/2021	21	65	150	150
7/8/2021	22	62	150	150
7/8/2021	23	58	150	150
7/8/2021	24	55	150	150
7/9/2021	1	52	150	150
7/9/2021	2	51	150	150
7/9/2021	3	50	150	149
7/9/2021	4	49	150	150
7/9/2021	5	51	150	150
7/9/2021	6	54	150	150
7/9/2021	7	53	150	150
7/9/2021	8	59	150	150
7/9/2021	9	66	150	150
7/9/2021	10	69	150	150
7/9/2021	11	74	150	150
7/9/2021	12	73	150	150
7/9/2021	13	74	150	150
7/9/2021	14	77	150	150
7/9/2021	15	75	150	150
7/9/2021	16	71	150	150
7/9/2021	17	68	150	150
7/9/2021	18	68	150	150
7/9/2021	19	69	150	150
7/9/2021	20	67	150	150
7/9/2021	21	64	150	150
7/9/2021	22	61	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/9/2021	23	57	150	150
7/9/2021	24	54	150	150
7/10/2021	1	52	150	150
7/10/2021	2	51	150	150
7/10/2021	3	49	150	150
7/10/2021	4	49	150	150
7/10/2021	5	50	150	150
7/10/2021	6	52	150	150
7/10/2021	7	51	150	150
7/10/2021	8	54	150	150
7/10/2021	9	58	150	150
7/10/2021	10	63	150	150
7/10/2021	11	66	150	150
7/10/2021	12	66	150	150
7/10/2021	13	67	150	150
7/10/2021	14	68	150	150
7/10/2021	15	67	150	150
7/10/2021	16	66	150	150
7/10/2021	17	64	150	150
7/10/2021	18	67	150	150
7/10/2021	19	69	150	150
7/10/2021	20	68	150	150
7/10/2021	21	65	150	150
7/10/2021	22	62	150	150
7/10/2021	23	58	150	150
7/10/2021	24	55	150	150
7/11/2021	1	52	150	150
7/11/2021	2	51	150	150
7/11/2021	3	50	150	150
7/11/2021	4	48	136	136
7/11/2021	5	50	142	141
7/11/2021	6	51	150	150
7/11/2021	7	50	146	145
7/11/2021	8	51	140	140
7/11/2021	9	53	140	140
7/11/2021	10	56	140	140
7/11/2021	11	60	140	140
7/11/2021	12	59	140	140
7/11/2021	13	60	140	140
7/11/2021	14	61	140	140
7/11/2021	15	59	140	140
7/11/2021	16	58	140	140
7/11/2021	17	57	140	140
7/11/2021	18	61	150	150
7/11/2021	19	64	150	150
7/11/2021	20	63	150	150
7/11/2021	21	61	150	150
7/11/2021	22	59	150	150
7/11/2021	23	55	146	146
7/11/2021	24	52	150	150
7/12/2021	1	50	150	150
7/12/2021	2	49	150	150
7/12/2021	3	48	136	135
7/12/2021	4	47	136	135
7/12/2021	5	49	146	146
7/12/2021	6	51	150	150
7/12/2021	7	51	150	150
7/12/2021	8	57	150	150
7/12/2021	9	66	150	150
7/12/2021	10	71	150	150
7/12/2021	11	75	150	150
7/12/2021	12	74	150	150
7/12/2021	13	75	150	150
7/12/2021	14	77	150	150
7/12/2021	15	76	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/12/2021	16	74	150	150
7/12/2021	17	70	150	150
7/12/2021	18	70	150	150
7/12/2021	19	71	150	150
7/12/2021	20	70	150	150
7/12/2021	21	67	150	150
7/12/2021	22	63	150	150
7/12/2021	23	59	150	150
7/12/2021	24	56	150	150
7/13/2021	1	52	150	150
7/13/2021	2	51	150	150
7/13/2021	3	50	150	150
7/13/2021	4	49	150	150
7/13/2021	5	50	150	150
7/13/2021	6	53	150	150
7/13/2021	7	52	150	150
7/13/2021	8	58	150	150
7/13/2021	9	67	150	150
7/13/2021	10	72	150	150
7/13/2021	11	76	150	150
7/13/2021	12	75	150	150
7/13/2021	13	76	150	150
7/13/2021	14	78	150	150
7/13/2021	15	77	150	150
7/13/2021	16	75	150	150
7/13/2021	17	70	150	150
7/13/2021	18	70	150	150
7/13/2021	19	71	150	150
7/13/2021	20	70	150	150
7/13/2021	21	66	150	150
7/13/2021	22	63	150	150
7/13/2021	23	59	150	150
7/13/2021	24	56	150	150
7/14/2021	1	55	150	150
7/14/2021	2	53	150	150
7/14/2021	3	51	150	150
7/14/2021	4	51	150	150
7/14/2021	5	52	150	150
7/14/2021	6	54	150	150
7/14/2021	7	54	150	150
7/14/2021	8	59	150	150
7/14/2021	9	67	150	150
7/14/2021	10	72	150	150
7/14/2021	11	75	150	150
7/14/2021	12	74	150	150
7/14/2021	13	75	150	150
7/14/2021	14	78	150	150
7/14/2021	15	76	150	150
7/14/2021	16	73	150	150
7/14/2021	17	69	150	150
7/14/2021	18	69	150	150
7/14/2021	19	72	150	150
7/14/2021	20	70	150	150
7/14/2021	21	67	150	150
7/14/2021	22	64	150	150
7/14/2021	23	59	150	150
7/14/2021	24	56	150	150
7/15/2021	1	53	150	150
7/15/2021	2	51	150	150
7/15/2021	3	50	150	150
7/15/2021	4	49	150	150
7/15/2021	5	51	150	150
7/15/2021	6	54	150	150
7/15/2021	7	53	150	150
7/15/2021	8	58	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/15/2021	9	66	150	150
7/15/2021	10	70	150	150
7/15/2021	11	74	150	150
7/15/2021	12	74	150	150
7/15/2021	13	74	150	150
7/15/2021	14	78	150	150
7/15/2021	15	76	150	150
7/15/2021	16	74	150	150
7/15/2021	17	69	150	150
7/15/2021	18	69	150	150
7/15/2021	19	70	150	150
7/15/2021	20	69	150	150
7/15/2021	21	67	150	150
7/15/2021	22	63	150	150
7/15/2021	23	58	150	150
7/15/2021	24	56	150	150
7/16/2021	1	54	150	150
7/16/2021	2	52	150	150
7/16/2021	3	50	150	150
7/16/2021	4	50	150	150
7/16/2021	5	52	150	150
7/16/2021	6	53	150	150
7/16/2021	7	52	150	150
7/16/2021	8	58	150	150
7/16/2021	9	66	150	150
7/16/2021	10	71	150	150
7/16/2021	11	75	150	150
7/16/2021	12	74	150	150
7/16/2021	13	75	150	150
7/16/2021	14	78	150	150
7/16/2021	15	76	150	150
7/16/2021	16	74	150	150
7/16/2021	17	69	150	150
7/16/2021	18	70	150	150
7/16/2021	19	71	150	150
7/16/2021	20	69	150	150
7/16/2021	21	67	150	150
7/16/2021	22	64	150	150
7/16/2021	23	60	150	150
7/16/2021	24	57	150	150
7/17/2021	1	53	150	150
7/17/2021	2	52	150	150
7/17/2021	3	50	150	150
7/17/2021	4	50	150	150
7/17/2021	5	51	150	150
7/17/2021	6	53	150	150
7/17/2021	7	53	150	150
7/17/2021	8	55	150	150
7/17/2021	9	60	150	150
7/17/2021	10	64	150	150
7/17/2021	11	67	150	150
7/17/2021	12	67	150	150
7/17/2021	13	68	150	150
7/17/2021	14	70	150	150
7/17/2021	15	69	150	150
7/17/2021	16	67	150	150
7/17/2021	17	65	150	150
7/17/2021	18	67	150	150
7/17/2021	19	70	150	150
7/17/2021	20	68	150	150
7/17/2021	21	66	150	150
7/17/2021	22	64	150	150
7/17/2021	23	60	150	150
7/17/2021	24	56	150	150
7/18/2021	1	53	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/18/2021	2	51	150	150
7/18/2021	3	50	150	150
7/18/2021	4	50	150	150
7/18/2021	5	50	150	150
7/18/2021	6	51	150	150
7/18/2021	7	50	150	150
7/18/2021	8	51	150	150
7/18/2021	9	53	150	150
7/18/2021	10	56	150	150
7/18/2021	11	59	150	150
7/18/2021	12	60	150	150
7/18/2021	13	60	150	150
7/18/2021	14	62	150	150
7/18/2021	15	60	150	150
7/18/2021	16	59	150	150
7/18/2021	17	58	150	150
7/18/2021	18	61	150	150
7/18/2021	19	66	150	150
7/18/2021	20	65	150	150
7/18/2021	21	63	150	150
7/18/2021	22	60	150	150
7/18/2021	23	57	150	150
7/18/2021	24	54	150	150
7/19/2021	1	52	150	150
7/19/2021	2	50	150	150
7/19/2021	3	49	150	150
7/19/2021	4	49	150	150
7/19/2021	5	49	150	150
7/19/2021	6	52	150	150
7/19/2021	7	52	150	150
7/19/2021	8	58	150	150
7/19/2021	9	67	150	150
7/19/2021	10	72	150	150
7/19/2021	11	76	150	150
7/19/2021	12	75	150	150
7/19/2021	13	75	150	150
7/19/2021	14	78	150	150
7/19/2021	15	77	150	150
7/19/2021	16	74	150	150
7/19/2021	17	69	150	150
7/19/2021	18	70	150	150
7/19/2021	19	72	150	150
7/19/2021	20	71	150	150
7/19/2021	21	68	150	150
7/19/2021	22	64	150	150
7/19/2021	23	60	150	150
7/19/2021	24	57	150	150
7/20/2021	1	53	150	150
7/20/2021	2	51	150	150
7/20/2021	3	50	150	150
7/20/2021	4	49	150	150
7/20/2021	5	50	150	150
7/20/2021	6	52	150	150
7/20/2021	7	51	150	150
7/20/2021	8	54	150	150
7/20/2021	9	59	150	150
7/20/2021	10	63	150	150
7/20/2021	11	66	150	150
7/20/2021	12	65	150	150
7/20/2021	13	67	150	150
7/20/2021	14	70	150	150
7/20/2021	15	68	150	150
7/20/2021	16	67	150	150
7/20/2021	17	64	150	150
7/20/2021	18	65	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/20/2021	19	68	150	150
7/20/2021	20	67	150	150
7/20/2021	21	65	150	150
7/20/2021	22	61	150	150
7/20/2021	23	58	150	150
7/20/2021	24	55	150	150
7/21/2021	1	53	150	150
7/21/2021	2	52	150	150
7/21/2021	3	51	150	150
7/21/2021	4	50	150	150
7/21/2021	5	51	150	150
7/21/2021	6	53	150	150
7/21/2021	7	53	150	150
7/21/2021	8	58	150	150
7/21/2021	9	65	150	150
7/21/2021	10	69	150	150
7/21/2021	11	72	150	150
7/21/2021	12	72	150	150
7/21/2021	13	74	150	150
7/21/2021	14	77	150	150
7/21/2021	15	75	150	150
7/21/2021	16	72	150	150
7/21/2021	17	68	150	150
7/21/2021	18	69	150	150
7/21/2021	19	70	150	150
7/21/2021	20	68	150	150
7/21/2021	21	65	150	150
7/21/2021	22	62	150	150
7/21/2021	23	59	150	150
7/21/2021	24	55	150	150
7/22/2021	1	55	150	150
7/22/2021	2	53	150	150
7/22/2021	3	52	150	150
7/22/2021	4	50	150	150
7/22/2021	5	53	150	150
7/22/2021	6	55	150	150
7/22/2021	7	54	150	150
7/22/2021	8	60	150	150
7/22/2021	9	68	150	150
7/22/2021	10	74	150	150
7/22/2021	11	77	150	150
7/22/2021	12	76	150	150
7/22/2021	13	77	150	150
7/22/2021	14	79	150	150
7/22/2021	15	79	150	150
7/22/2021	16	76	150	150
7/22/2021	17	73	150	150
7/22/2021	18	68	150	150
7/22/2021	19	71	150	150
7/22/2021	20	69	150	150
7/22/2021	21	67	150	150
7/22/2021	22	65	150	150
7/22/2021	23	61	150	150
7/22/2021	24	58	150	150
7/23/2021	1	58	150	150
7/23/2021	2	56	150	150
7/23/2021	3	54	150	150
7/23/2021	4	52	150	150
7/23/2021	5	53	150	150
7/23/2021	6	55	150	150
7/23/2021	7	54	150	150
7/23/2021	8	60	150	150
7/23/2021	9	67	150	150
7/23/2021	10	72	150	150
7/23/2021	11	76	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/23/2021	12	75	150	150
7/23/2021	13	77	150	150
7/23/2021	14	79	150	150
7/23/2021	15	77	150	150
7/23/2021	16	75	150	150
7/23/2021	17	71	150	150
7/23/2021	18	72	150	150
7/23/2021	19	74	150	150
7/23/2021	20	71	150	150
7/23/2021	21	69	150	150
7/23/2021	22	67	150	150
7/23/2021	23	64	150	150
7/23/2021	24	60	150	150
7/24/2021	1	54	150	150
7/24/2021	2	52	150	150
7/24/2021	3	51	150	150
7/24/2021	4	50	150	150
7/24/2021	5	50	150	150
7/24/2021	6	53	150	150
7/24/2021	7	51	150	150
7/24/2021	8	53	150	150
7/24/2021	9	58	150	150
7/24/2021	10	63	150	150
7/24/2021	11	66	150	150
7/24/2021	12	65	150	150
7/24/2021	13	66	150	150
7/24/2021	14	67	150	150
7/24/2021	15	66	150	150
7/24/2021	16	65	150	150
7/24/2021	17	64	150	150
7/24/2021	18	67	150	150
7/24/2021	19	70	150	150
7/24/2021	20	69	150	150
7/24/2021	21	66	150	150
7/24/2021	22	62	150	150
7/24/2021	23	60	150	150
7/24/2021	24	57	150	150
7/25/2021	1	54	150	150
7/25/2021	2	52	150	150
7/25/2021	3	51	146	146
7/25/2021	4	50	131	130
7/25/2021	5	50	134	133
7/25/2021	6	51	136	135
7/25/2021	7	50	115	115
7/25/2021	8	52	115	115
7/25/2021	9	54	115	115
7/25/2021	10	56	115	115
7/25/2021	11	60	120	120
7/25/2021	12	61	121	120
7/25/2021	13	61	120	120
7/25/2021	14	62	130	129
7/25/2021	15	61	120	120
7/25/2021	16	60	121	121
7/25/2021	17	58	115	115
7/25/2021	18	63	150	150
7/25/2021	19	68	150	150
7/25/2021	20	66	150	150
7/25/2021	21	63	150	150
7/25/2021	22	61	150	150
7/25/2021	23	58	150	150
7/25/2021	24	55	150	150
7/26/2021	1	52	150	150
7/26/2021	2	50	142	142
7/26/2021	3	49	142	141
7/26/2021	4	49	145	144

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/26/2021	5	50	150	150
7/26/2021	6	52	150	150
7/26/2021	7	52	150	150
7/26/2021	8	58	150	150
7/26/2021	9	67	150	150
7/26/2021	10	72	150	150
7/26/2021	11	75	150	150
7/26/2021	12	75	150	150
7/26/2021	13	76	150	150
7/26/2021	14	78	150	150
7/26/2021	15	77	150	150
7/26/2021	16	75	150	150
7/26/2021	17	70	150	150
7/26/2021	18	70	150	150
7/26/2021	19	72	150	150
7/26/2021	20	70	150	150
7/26/2021	21	68	150	150
7/26/2021	22	65	150	150
7/26/2021	23	62	150	150
7/26/2021	24	58	150	150
7/27/2021	1	58	150	150
7/27/2021	2	56	150	150
7/27/2021	3	55	150	150
7/27/2021	4	53	150	150
7/27/2021	5	55	150	150
7/27/2021	6	56	150	150
7/27/2021	7	57	150	150
7/27/2021	8	63	150	150
7/27/2021	9	69	150	150
7/27/2021	10	73	150	150
7/27/2021	11	78	150	150
7/27/2021	12	77	150	150
7/27/2021	13	77	150	150
7/27/2021	14	80	150	150
7/27/2021	15	79	150	150
7/27/2021	16	77	150	150
7/27/2021	17	73	150	150
7/27/2021	18	74	150	150
7/27/2021	19	75	150	150
7/27/2021	20	73	150	150
7/27/2021	21	72	150	150
7/27/2021	22	69	150	150
7/27/2021	23	65	150	150
7/27/2021	24	63	150	150
7/28/2021	1	60	150	150
7/28/2021	2	58	150	150
7/28/2021	3	56	150	150
7/28/2021	4	54	150	150
7/28/2021	5	56	150	150
7/28/2021	6	56	150	150
7/28/2021	7	55	150	150
7/28/2021	8	62	150	150
7/28/2021	9	71	150	150
7/28/2021	10	76	150	150
7/28/2021	11	78	150	150
7/28/2021	12	77	150	150
7/28/2021	13	79	150	150
7/28/2021	14	82	150	150
7/28/2021	15	80	150	150
7/28/2021	16	78	150	150
7/28/2021	17	75	150	150
7/28/2021	18	75	150	150
7/28/2021	19	78	150	150
7/28/2021	20	75	150	150
7/28/2021	21	73	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/28/2021	22	70	150	150
7/28/2021	23	66	150	150
7/28/2021	24	62	150	150
7/29/2021	1	58	150	150
7/29/2021	2	56	150	150
7/29/2021	3	54	150	150
7/29/2021	4	54	150	150
7/29/2021	5	56	150	150
7/29/2021	6	57	150	150
7/29/2021	7	56	150	150
7/29/2021	8	62	150	150
7/29/2021	9	71	150	150
7/29/2021	10	76	150	150
7/29/2021	11	78	150	150
7/29/2021	12	77	150	150
7/29/2021	13	79	150	150
7/29/2021	14	82	150	150
7/29/2021	15	80	150	150
7/29/2021	16	79	150	150
7/29/2021	17	74	150	150
7/29/2021	18	74	150	150
7/29/2021	19	76	150	150
7/29/2021	20	74	150	150
7/29/2021	21	72	150	150
7/29/2021	22	68	150	150
7/29/2021	23	64	150	150
7/29/2021	24	60	150	150
7/30/2021	1	58	150	150
7/30/2021	2	56	150	150
7/30/2021	3	55	150	150
7/30/2021	4	53	150	150
7/30/2021	5	54	150	150
7/30/2021	6	56	150	150
7/30/2021	7	56	150	150
7/30/2021	8	63	150	150
7/30/2021	9	70	150	150
7/30/2021	10	75	150	150
7/30/2021	11	78	150	150
7/30/2021	12	77	150	150
7/30/2021	13	78	150	150
7/30/2021	14	80	150	150
7/30/2021	15	78	150	150
7/30/2021	16	76	150	150
7/30/2021	17	72	150	150
7/30/2021	18	70	150	150
7/30/2021	19	72	150	150
7/30/2021	20	71	150	150
7/30/2021	21	69	150	150
7/30/2021	22	66	150	150
7/30/2021	23	63	150	150
7/30/2021	24	60	150	150
7/31/2021	1	59	150	150
7/31/2021	2	57	150	150
7/31/2021	3	55	150	150
7/31/2021	4	54	150	150
7/31/2021	5	55	150	150
7/31/2021	6	55	150	150
7/31/2021	7	53	150	150
7/31/2021	8	57	150	150
7/31/2021	9	59	150	150
7/31/2021	10	64	150	150
7/31/2021	11	67	150	150
7/31/2021	12	66	150	150
7/31/2021	13	69	150	150
7/31/2021	14	72	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/31/2021	15	71	150	150
7/31/2021	16	69	150	150
7/31/2021	17	68	150	150
7/31/2021	18	67	150	150
7/31/2021	19	74	150	150
7/31/2021	20	72	150	150
7/31/2021	21	70	150	150
7/31/2021	22	68	150	150
7/31/2021	23	65	150	150
7/31/2021	24	62	150	150
8/1/2021	1	59	150	150
8/1/2021	2	57	150	150
8/1/2021	3	55	150	150
8/1/2021	4	54	150	150
8/1/2021	5	54	150	150
8/1/2021	6	55	150	150
8/1/2021	7	52	150	150
8/1/2021	8	53	150	150
8/1/2021	9	56	150	150
8/1/2021	10	58	150	150
8/1/2021	11	61	150	150
8/1/2021	12	61	150	150
8/1/2021	13	63	150	150
8/1/2021	14	65	150	150
8/1/2021	15	64	150	150
8/1/2021	16	62	150	150
8/1/2021	17	61	150	150
8/1/2021	18	64	150	150
8/1/2021	19	69	150	150
8/1/2021	20	68	150	150
8/1/2021	21	67	150	150
8/1/2021	22	65	150	150
8/1/2021	23	62	150	150
8/1/2021	24	60	150	150
8/2/2021	1	57	150	150
8/2/2021	2	55	150	150
8/2/2021	3	53	150	150
8/2/2021	4	53	150	150
8/2/2021	5	54	150	150
8/2/2021	6	56	150	150
8/2/2021	7	56	150	150
8/2/2021	8	62	150	150
8/2/2021	9	70	150	150
8/2/2021	10	75	150	150
8/2/2021	11	77	150	150
8/2/2021	12	77	150	150
8/2/2021	13	79	150	150
8/2/2021	14	82	150	150
8/2/2021	15	80	150	150
8/2/2021	16	79	150	150
8/2/2021	17	75	150	150
8/2/2021	18	74	150	150
8/2/2021	19	77	150	150
8/2/2021	20	74	150	150
8/2/2021	21	73	150	150
8/2/2021	22	70	150	150
8/2/2021	23	65	150	150
8/2/2021	24	62	150	150
8/3/2021	1	58	150	150
8/3/2021	2	56	150	150
8/3/2021	3	55	150	150
8/3/2021	4	54	150	150
8/3/2021	5	55	150	150
8/3/2021	6	55	150	150
8/3/2021	7	56	150	150

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/3/2021	8	62	150	150
8/3/2021	9	69	150	150
8/3/2021	10	75	150	150
8/3/2021	11	78	150	150
8/3/2021	12	77	150	150
8/3/2021	13	80	150	150
8/3/2021	14	83	150	150
8/3/2021	15	80	150	150
8/3/2021	16	77	150	150
8/3/2021	17	73	150	150
8/3/2021	18	73	150	150
8/3/2021	19	74	150	150
8/3/2021	20	72	150	150
8/3/2021	21	69	150	150
8/3/2021	22	67	150	150
8/3/2021	23	64	150	150
8/3/2021	24	61	150	150
8/4/2021	1	58	150	150
8/4/2021	2	56	150	150
8/4/2021	3	55	150	150
8/4/2021	4	54	150	150
8/4/2021	5	55	150	150
8/4/2021	6	57	150	150
8/4/2021	7	57	150	150
8/4/2021	8	62	150	150
8/4/2021	9	70	150	150
8/4/2021	10	73	150	150
8/4/2021	11	78	150	150
8/4/2021	12	77	150	150
8/4/2021	13	80	150	150
8/4/2021	14	82	150	150
8/4/2021	15	80	150	150
8/4/2021	16	78	150	150
8/4/2021	17	75	150	150
8/4/2021	18	71	150	150
8/4/2021	19	75	150	150
8/4/2021	20	73	150	150
8/4/2021	21	72	150	150
8/4/2021	22	69	150	150
8/4/2021	23	65	150	150
8/4/2021	24	61	150	150
8/5/2021	1	58	150	150
8/5/2021	2	56	150	150
8/5/2021	3	55	150	150
8/5/2021	4	54	150	150
8/5/2021	5	55	150	150
8/5/2021	6	57	150	150
8/5/2021	7	57	150	150
8/5/2021	8	63	150	150
8/5/2021	9	72	150	150
8/5/2021	10	76	150	150
8/5/2021	11	79	150	150
8/5/2021	12	79	150	150
8/5/2021	13	81	150	150
8/5/2021	14	84	150	150
8/5/2021	15	81	150	150
8/5/2021	16	79	150	150
8/5/2021	17	74	150	150
8/5/2021	18	71	150	150
8/5/2021	19	74	150	150
8/5/2021	20	73	150	150
8/5/2021	21	72	150	150
8/5/2021	22	69	150	150
8/5/2021	23	65	150	150
8/5/2021	24	60	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/6/2021	1	60	150	150
8/6/2021	2	58	150	150
8/6/2021	3	55	150	150
8/6/2021	4	55	150	150
8/6/2021	5	56	150	150
8/6/2021	6	57	150	150
8/6/2021	7	57	150	150
8/6/2021	8	63	150	150
8/6/2021	9	70	150	150
8/6/2021	10	75	150	150
8/6/2021	11	78	150	150
8/6/2021	12	78	150	150
8/6/2021	13	79	150	150
8/6/2021	14	82	150	150
8/6/2021	15	80	150	150
8/6/2021	16	78	150	150
8/6/2021	17	74	150	150
8/6/2021	18	70	150	150
8/6/2021	19	72	150	150
8/6/2021	20	71	150	150
8/6/2021	21	70	150	150
8/6/2021	22	67	150	150
8/6/2021	23	63	150	150
8/6/2021	24	60	150	150
8/7/2021	1	59	150	113
8/7/2021	2	57	150	113
8/7/2021	3	54	150	113
8/7/2021	4	54	150	113
8/7/2021	5	55	150	113
8/7/2021	6	55	150	113
8/7/2021	7	53	150	111
8/7/2021	8	57	150	113
8/7/2021	9	60	150	122
8/7/2021	10	65	150	124
8/7/2021	11	70	150	136
8/7/2021	12	69	150	126
8/7/2021	13	70	150	134
8/7/2021	14	73	150	137
8/7/2021	15	71	150	136
8/7/2021	16	69	150	129
8/7/2021	17	68	150	136
8/7/2021	18	67	150	136
8/7/2021	19	74	150	150
8/7/2021	20	72	150	150
8/7/2021	21	71	150	150
8/7/2021	22	68	150	142
8/7/2021	23	64	150	136
8/7/2021	24	61	150	113
8/8/2021	1	58	150	150
8/8/2021	2	57	150	150
8/8/2021	3	54	150	136
8/8/2021	4	54	150	136
8/8/2021	5	54	150	136
8/8/2021	6	54	150	136
8/8/2021	7	52	150	123
8/8/2021	8	52	150	112
8/8/2021	9	56	150	120
8/8/2021	10	58	150	135
8/8/2021	11	61	150	150
8/8/2021	12	62	150	150
8/8/2021	13	64	150	150
8/8/2021	14	66	150	150
8/8/2021	15	64	150	150
8/8/2021	16	62	150	150
8/8/2021	17	62	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/8/2021	18	64	150	150
8/8/2021	19	69	150	150
8/8/2021	20	69	150	150
8/8/2021	21	67	150	150
8/8/2021	22	65	150	150
8/8/2021	23	62	150	150
8/8/2021	24	59	150	150
8/9/2021	1	57	150	135
8/9/2021	2	55	150	135
8/9/2021	3	54	150	135
8/9/2021	4	53	150	135
8/9/2021	5	55	150	135
8/9/2021	6	56	150	135
8/9/2021	7	55	150	135
8/9/2021	8	62	150	135
8/9/2021	9	70	150	150
8/9/2021	10	75	150	150
8/9/2021	11	77	150	150
8/9/2021	12	77	150	150
8/9/2021	13	79	150	150
8/9/2021	14	82	150	150
8/9/2021	15	81	150	150
8/9/2021	16	79	150	150
8/9/2021	17	74	150	150
8/9/2021	18	75	150	150
8/9/2021	19	78	150	150
8/9/2021	20	75	150	150
8/9/2021	21	73	150	150
8/9/2021	22	70	150	150
8/9/2021	23	65	150	150
8/9/2021	24	61	150	143
8/10/2021	1	57	150	99
8/10/2021	2	54	150	97
8/10/2021	3	52	150	96
8/10/2021	4	52	150	95
8/10/2021	5	54	150	95
8/10/2021	6	55	150	98
8/10/2021	7	55	150	100
8/10/2021	8	61	150	102
8/10/2021	9	68	150	126
8/10/2021	10	73	150	136
8/10/2021	11	78	150	150
8/10/2021	12	77	150	150
8/10/2021	13	78	150	150
8/10/2021	14	81	150	150
8/10/2021	15	79	150	150
8/10/2021	16	77	150	150
8/10/2021	17	72	150	136
8/10/2021	18	70	150	126
8/10/2021	19	74	150	146
8/10/2021	20	72	150	138
8/10/2021	21	71	150	136
8/10/2021	22	69	150	133
8/10/2021	23	64	150	123
8/10/2021	24	58	150	108
8/11/2021	1	54	150	102
8/11/2021	2	52	150	101
8/11/2021	3	50	150	98
8/11/2021	4	49	150	97
8/11/2021	5	52	150	97
8/11/2021	6	54	150	101
8/11/2021	7	53	150	102
8/11/2021	8	58	150	105
8/11/2021	9	67	150	136
8/11/2021	10	73	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/11/2021	11	77	150	150
8/11/2021	12	76	150	150
8/11/2021	13	77	150	150
8/11/2021	14	79	150	150
8/11/2021	15	77	150	150
8/11/2021	16	74	150	150
8/11/2021	17	72	150	150
8/11/2021	18	70	150	136
8/11/2021	19	72	150	150
8/11/2021	20	69	150	132
8/11/2021	21	67	150	130
8/11/2021	22	63	150	126
8/11/2021	23	59	150	124
8/11/2021	24	55	150	111
8/12/2021	1	55	148	102
8/12/2021	2	53	148	101
8/12/2021	3	52	148	98
8/12/2021	4	51	148	97
8/12/2021	5	52	148	97
8/12/2021	6	56	148	101
8/12/2021	7	57	148	102
8/12/2021	8	61	148	105
8/12/2021	9	67	148	141
8/12/2021	10	72	148	139
8/12/2021	11	75	148	139
8/12/2021	12	74	148	130
8/12/2021	13	75	148	130
8/12/2021	14	78	150	150
8/12/2021	15	77	150	150
8/12/2021	16	75	148	144
8/12/2021	17	71	148	130
8/12/2021	18	70	148	126
8/12/2021	19	74	150	150
8/12/2021	20	72	150	150
8/12/2021	21	70	148	138
8/12/2021	22	66	148	124
8/12/2021	23	62	148	122
8/12/2021	24	59	148	111
8/13/2021	1	58	148	128
8/13/2021	2	55	148	101
8/13/2021	3	54	148	101
8/13/2021	4	52	148	98
8/13/2021	5	54	147	113
8/13/2021	6	56	147	112
8/13/2021	7	56	147	101
8/13/2021	8	61	148	134
8/13/2021	9	69	150	148
8/13/2021	10	74	150	148
8/13/2021	11	78	150	150
8/13/2021	12	77	150	149
8/13/2021	13	77	150	150
8/13/2021	14	80	150	150
8/13/2021	15	78	150	150
8/13/2021	16	77	150	148
8/13/2021	17	71	150	147
8/13/2021	18	72	150	147
8/13/2021	19	74	150	150
8/13/2021	20	72	150	150
8/13/2021	21	70	150	148
8/13/2021	22	67	150	148
8/13/2021	23	63	148	136
8/13/2021	24	61	148	130
8/14/2021	1	58	150	128
8/14/2021	2	56	150	112
8/14/2021	3	55	150	108

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/14/2021	4	54	150	104
8/14/2021	5	55	150	118
8/14/2021	6	56	150	103
8/14/2021	7	54	150	101
8/14/2021	8	57	150	102
8/14/2021	9	61	150	122
8/14/2021	10	65	150	123
8/14/2021	11	69	150	136
8/14/2021	12	69	150	127
8/14/2021	13	70	150	136
8/14/2021	14	73	150	136
8/14/2021	15	72	150	131
8/14/2021	16	70	150	124
8/14/2021	17	68	150	146
8/14/2021	18	68	150	150
8/14/2021	19	73	150	150
8/14/2021	20	72	150	150
8/14/2021	21	71	150	150
8/14/2021	22	68	150	150
8/14/2021	23	64	150	150
8/14/2021	24	61	150	136
8/15/2021	1	58	150	128
8/15/2021	2	56	150	123
8/15/2021	3	54	150	113
8/15/2021	4	53	150	113
8/15/2021	5	54	150	113
8/15/2021	6	54	150	113
8/15/2021	7	52	150	113
8/15/2021	8	52	150	113
8/15/2021	9	55	150	120
8/15/2021	10	58	150	121
8/15/2021	11	61	150	148
8/15/2021	12	62	150	137
8/15/2021	13	64	150	150
8/15/2021	14	66	150	150
8/15/2021	15	65	150	150
8/15/2021	16	62	150	145
8/15/2021	17	62	150	150
8/15/2021	18	64	150	150
8/15/2021	19	69	150	150
8/15/2021	20	69	150	150
8/15/2021	21	67	150	150
8/15/2021	22	65	150	150
8/15/2021	23	62	150	150
8/15/2021	24	59	150	123
8/16/2021	1	55	150	136
8/16/2021	2	53	150	136
8/16/2021	3	52	150	136
8/16/2021	4	51	150	136
8/16/2021	5	53	150	136
8/16/2021	6	55	150	136
8/16/2021	7	55	150	136
8/16/2021	8	62	150	150
8/16/2021	9	69	150	150
8/16/2021	10	74	150	150
8/16/2021	11	77	150	150
8/16/2021	12	77	150	150
8/16/2021	13	77	150	150
8/16/2021	14	80	150	150
8/16/2021	15	79	150	150
8/16/2021	16	77	150	150
8/16/2021	17	73	150	150
8/16/2021	18	74	150	150
8/16/2021	19	77	150	150
8/16/2021	20	74	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/16/2021	21	73	150	150
8/16/2021	22	69	150	150
8/16/2021	23	64	150	150
8/16/2021	24	60	150	150
8/17/2021	1	57	150	120
8/17/2021	2	55	150	113
8/17/2021	3	54	150	106
8/17/2021	4	52	150	98
8/17/2021	5	54	150	118
8/17/2021	6	56	150	110
8/17/2021	7	56	150	112
8/17/2021	8	62	150	136
8/17/2021	9	68	150	136
8/17/2021	10	73	150	137
8/17/2021	11	77	150	141
8/17/2021	12	77	150	136
8/17/2021	13	78	150	146
8/17/2021	14	80	150	150
8/17/2021	15	78	150	147
8/17/2021	16	74	150	136
8/17/2021	17	70	150	136
8/17/2021	18	72	150	150
8/17/2021	19	73	150	150
8/17/2021	20	70	150	136
8/17/2021	21	69	150	136
8/17/2021	22	65	150	127
8/17/2021	23	61	150	123
8/17/2021	24	57	150	111
8/18/2021	1	58	150	119
8/18/2021	2	55	150	104
8/18/2021	3	55	150	108
8/18/2021	4	53	150	94
8/18/2021	5	55	150	113
8/18/2021	6	56	150	111
8/18/2021	7	56	150	101
8/18/2021	8	62	150	133
8/18/2021	9	69	150	136
8/18/2021	10	73	150	150
8/18/2021	11	77	150	150
8/18/2021	12	76	150	150
8/18/2021	13	78	150	150
8/18/2021	14	80	150	150
8/18/2021	15	78	150	150
8/18/2021	16	77	150	150
8/18/2021	17	73	150	150
8/18/2021	18	72	150	150
8/18/2021	19	73	150	150
8/18/2021	20	72	150	150
8/18/2021	21	69	150	133
8/18/2021	22	66	150	127
8/18/2021	23	63	150	126
8/18/2021	24	58	150	111
8/19/2021	1	57	150	99
8/19/2021	2	55	150	98
8/19/2021	3	53	150	96
8/19/2021	4	52	150	94
8/19/2021	5	54	150	95
8/19/2021	6	56	150	100
8/19/2021	7	55	150	101
8/19/2021	8	61	150	104
8/19/2021	9	69	150	136
8/19/2021	10	73	150	138
8/19/2021	11	77	150	150
8/19/2021	12	77	150	150
8/19/2021	13	78	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/19/2021	14	81	150	150
8/19/2021	15	79	150	150
8/19/2021	16	77	150	150
8/19/2021	17	73	150	148
8/19/2021	18	71	150	136
8/19/2021	19	73	150	143
8/19/2021	20	72	150	133
8/19/2021	21	69	150	132
8/19/2021	22	66	150	127
8/19/2021	23	63	150	124
8/19/2021	24	59	150	111
8/20/2021	1	58	150	112
8/20/2021	2	55	150	99
8/20/2021	3	53	150	97
8/20/2021	4	53	150	96
8/20/2021	5	53	150	96
8/20/2021	6	54	150	98
8/20/2021	7	54	150	100
8/20/2021	8	60	150	118
8/20/2021	9	68	150	136
8/20/2021	10	73	150	150
8/20/2021	11	77	150	150
8/20/2021	12	76	150	150
8/20/2021	13	77	150	150
8/20/2021	14	79	150	150
8/20/2021	15	78	150	150
8/20/2021	16	76	150	150
8/20/2021	17	72	150	150
8/20/2021	18	71	150	150
8/20/2021	19	73	150	150
8/20/2021	20	72	150	150
8/20/2021	21	70	150	140
8/20/2021	22	67	150	136
8/20/2021	23	62	150	123
8/20/2021	24	60	150	111
8/21/2021	1	57	150	118
8/21/2021	2	55	150	105
8/21/2021	3	53	150	95
8/21/2021	4	52	150	94
8/21/2021	5	54	150	113
8/21/2021	6	55	150	102
8/21/2021	7	55	150	96
8/21/2021	8	55	150	96
8/21/2021	9	60	150	130
8/21/2021	10	65	150	127
8/21/2021	11	69	150	145
8/21/2021	12	69	150	134
8/21/2021	13	70	150	145
8/21/2021	14	72	150	138
8/21/2021	15	70	150	138
8/21/2021	16	68	150	138
8/21/2021	17	65	150	135
8/21/2021	18	67	150	145
8/21/2021	19	73	150	150
8/21/2021	20	71	150	150
8/21/2021	21	67	150	136
8/21/2021	22	63	150	121
8/21/2021	23	59	150	120
8/21/2021	24	56	150	104
8/22/2021	1	57	150	112
8/22/2021	2	54	150	111
8/22/2021	3	52	150	95
8/22/2021	4	51	150	95
8/22/2021	5	51	150	95
8/22/2021	6	51	150	95

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/22/2021	7	50	150	94
8/22/2021	8	51	150	94
8/22/2021	9	51	150	100
8/22/2021	10	54	150	103
8/22/2021	11	57	150	118
8/22/2021	12	57	150	120
8/22/2021	13	60	150	119
8/22/2021	14	63	150	120
8/22/2021	15	61	150	120
8/22/2021	16	61	150	120
8/22/2021	17	60	150	118
8/22/2021	18	63	150	123
8/22/2021	19	68	150	138
8/22/2021	20	67	150	136
8/22/2021	21	65	150	130
8/22/2021	22	64	150	125
8/22/2021	23	61	150	122
8/22/2021	24	57	150	113
8/23/2021	1	55	150	97
8/23/2021	2	53	150	97
8/23/2021	3	51	150	96
8/23/2021	4	51	150	95
8/23/2021	5	52	150	97
8/23/2021	6	55	150	117
8/23/2021	7	54	150	102
8/23/2021	8	61	150	136
8/23/2021	9	69	150	150
8/23/2021	10	74	150	150
8/23/2021	11	77	150	150
8/23/2021	12	76	150	150
8/23/2021	13	78	150	150
8/23/2021	14	81	150	150
8/23/2021	15	79	150	150
8/23/2021	16	78	150	150
8/23/2021	17	74	150	150
8/23/2021	18	72	150	150
8/23/2021	19	75	150	150
8/23/2021	20	73	150	150
8/23/2021	21	72	150	150
8/23/2021	22	68	150	150
8/23/2021	23	64	150	150
8/23/2021	24	60	150	136
8/24/2021	1	58	150	104
8/24/2021	2	56	150	101
8/24/2021	3	54	150	99
8/24/2021	4	53	150	96
8/24/2021	5	54	150	106
8/24/2021	6	56	150	106
8/24/2021	7	55	150	106
8/24/2021	8	62	150	113
8/24/2021	9	69	150	121
8/24/2021	10	73	150	124
8/24/2021	11	77	150	132
8/24/2021	12	77	150	127
8/24/2021	13	77	150	127
8/24/2021	14	80	150	137
8/24/2021	15	79	150	137
8/24/2021	16	77	150	136
8/24/2021	17	73	150	128
8/24/2021	18	72	150	123
8/24/2021	19	72	150	127
8/24/2021	20	71	150	130
8/24/2021	21	69	150	128
8/24/2021	22	65	150	124
8/24/2021	23	61	150	120

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/24/2021	24	58	150	112
8/25/2021	1	54	150	99
8/25/2021	2	53	150	98
8/25/2021	3	51	150	96
8/25/2021	4	50	150	94
8/25/2021	5	52	150	98
8/25/2021	6	55	150	100
8/25/2021	7	54	150	101
8/25/2021	8	61	150	113
8/25/2021	9	69	150	121
8/25/2021	10	73	150	127
8/25/2021	11	77	150	132
8/25/2021	12	77	150	135
8/25/2021	13	78	150	133
8/25/2021	14	81	150	150
8/25/2021	15	80	150	148
8/25/2021	16	77	150	132
8/25/2021	17	73	150	128
8/25/2021	18	72	150	125
8/25/2021	19	73	150	131
8/25/2021	20	72	150	133
8/25/2021	21	69	150	132
8/25/2021	22	66	150	127
8/25/2021	23	61	150	121
8/25/2021	24	57	150	97
8/26/2021	1	55	150	99
8/26/2021	2	53	150	98
8/26/2021	3	52	150	96
8/26/2021	4	51	150	94
8/26/2021	5	53	150	95
8/26/2021	6	55	150	100
8/26/2021	7	55	150	101
8/26/2021	8	60	150	104
8/26/2021	9	67	150	122
8/26/2021	10	73	150	127
8/26/2021	11	77	150	136
8/26/2021	12	76	150	135
8/26/2021	13	78	150	149
8/26/2021	14	81	150	150
8/26/2021	15	79	150	150
8/26/2021	16	77	150	150
8/26/2021	17	72	150	128
8/26/2021	18	71	150	125
8/26/2021	19	72	150	131
8/26/2021	20	71	150	133
8/26/2021	21	69	150	132
8/26/2021	22	66	150	127
8/26/2021	23	62	150	122
8/26/2021	24	58	150	104
8/27/2021	1	54	150	98
8/27/2021	2	53	150	98
8/27/2021	3	51	150	98
8/27/2021	4	51	150	98
8/27/2021	5	53	150	98
8/27/2021	6	55	150	98
8/27/2021	7	54	150	98
8/27/2021	8	60	150	100
8/27/2021	9	67	150	120
8/27/2021	10	72	150	123
8/27/2021	11	76	150	123
8/27/2021	12	76	150	124
8/27/2021	13	77	150	123
8/27/2021	14	79	150	125
8/27/2021	15	78	150	125
8/27/2021	16	76	150	125

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/27/2021	17	72	150	123
8/27/2021	18	71	150	124
8/27/2021	19	73	150	125
8/27/2021	20	70	150	126
8/27/2021	21	68	150	123
8/27/2021	22	64	150	123
8/27/2021	23	60	150	121
8/27/2021	24	58	150	113
8/28/2021	1	53	150	98
8/28/2021	2	52	150	98
8/28/2021	3	51	150	98
8/28/2021	4	50	150	94
8/28/2021	5	52	150	98
8/28/2021	6	53	150	98
8/28/2021	7	52	150	94
8/28/2021	8	55	150	98
8/28/2021	9	60	150	114
8/28/2021	10	65	150	116
8/28/2021	11	69	150	117
8/28/2021	12	69	150	118
8/28/2021	13	70	150	117
8/28/2021	14	71	150	118
8/28/2021	15	70	150	117
8/28/2021	16	67	150	117
8/28/2021	17	65	150	118
8/28/2021	18	66	150	120
8/28/2021	19	71	150	121
8/28/2021	20	69	150	121
8/28/2021	21	66	150	120
8/28/2021	22	62	150	118
8/28/2021	23	59	150	116
8/28/2021	24	56	150	92
8/29/2021	1	52	150	100
8/29/2021	2	51	150	100
8/29/2021	3	49	150	100
8/29/2021	4	48	143	100
8/29/2021	5	49	150	100
8/29/2021	6	50	150	100
8/29/2021	7	49	145	100
8/29/2021	8	50	133	100
8/29/2021	9	52	150	115
8/29/2021	10	54	150	116
8/29/2021	11	57	150	116
8/29/2021	12	57	150	117
8/29/2021	13	60	150	117
8/29/2021	14	62	150	118
8/29/2021	15	61	150	117
8/29/2021	16	60	150	117
8/29/2021	17	59	150	118
8/29/2021	18	63	150	122
8/29/2021	19	66	150	125
8/29/2021	20	65	150	121
8/29/2021	21	63	150	121
8/29/2021	22	61	150	118
8/29/2021	23	57	150	116
8/29/2021	24	54	150	104
8/30/2021	1	53	150	97
8/30/2021	2	52	150	97
8/30/2021	3	50	150	96
8/30/2021	4	50	150	96
8/30/2021	5	51	150	96
8/30/2021	6	53	150	96
8/30/2021	7	52	150	96
8/30/2021	8	55	150	100
8/30/2021	9	60	150	115

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/30/2021	10	65	150	116
8/30/2021	11	69	150	116
8/30/2021	12	69	150	117
8/30/2021	13	71	150	125
8/30/2021	14	75	150	125
8/30/2021	15	74	150	125
8/30/2021	16	71	150	125
8/30/2021	17	67	150	118
8/30/2021	18	67	150	118
8/30/2021	19	69	150	121
8/30/2021	20	68	150	121
8/30/2021	21	65	150	121
8/30/2021	22	62	150	118
8/30/2021	23	59	150	116
8/30/2021	24	55	150	101
8/31/2021	1	54	150	112
8/31/2021	2	52	150	112
8/31/2021	3	51	150	112
8/31/2021	4	50	150	112
8/31/2021	5	52	150	112
8/31/2021	6	55	150	112
8/31/2021	7	54	150	112
8/31/2021	8	59	150	119
8/31/2021	9	67	150	145
8/31/2021	10	72	150	150
8/31/2021	11	76	150	150
8/31/2021	12	76	150	150
8/31/2021	13	78	150	150
8/31/2021	14	81	150	150
8/31/2021	15	79	150	150
8/31/2021	16	76	150	150
8/31/2021	17	72	150	150
8/31/2021	18	72	150	150
8/31/2021	19	72	150	150
8/31/2021	20	70	150	133
8/31/2021	21	67	150	128
8/31/2021	22	63	150	118
8/31/2021	23	60	150	116
8/31/2021	24	56	150	112
9/1/2021	1	53	111	107
9/1/2021	2	52	107	107
9/1/2021	3	50	107	107
9/1/2021	4	50	107	107
9/1/2021	5	52	121	107
9/1/2021	6	55	150	107
9/1/2021	7	54	127	107
9/1/2021	8	59	150	107
9/1/2021	9	67	150	121
9/1/2021	10	73	150	124
9/1/2021	11	77	150	140
9/1/2021	12	77	150	135
9/1/2021	13	77	150	136
9/1/2021	14	80	150	150
9/1/2021	15	78	150	150
9/1/2021	16	76	150	136
9/1/2021	17	72	150	133
9/1/2021	18	72	150	135
9/1/2021	19	74	150	135
9/1/2021	20	71	150	124
9/1/2021	21	68	150	122
9/1/2021	22	64	150	119
9/1/2021	23	60	150	116
9/1/2021	24	57	150	109
9/2/2021	1	55	150	100
9/2/2021	2	53	150	98

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/2/2021	3	51	150	95
9/2/2021	4	50	150	94
9/2/2021	5	52	150	94
9/2/2021	6	54	150	98
9/2/2021	7	54	150	99
9/2/2021	8	59	150	100
9/2/2021	9	66	150	119
9/2/2021	10	72	150	135
9/2/2021	11	76	150	136
9/2/2021	12	76	150	136
9/2/2021	13	77	150	150
9/2/2021	14	80	150	150
9/2/2021	15	78	150	150
9/2/2021	16	75	150	130
9/2/2021	17	72	150	124
9/2/2021	18	72	150	129
9/2/2021	19	72	150	124
9/2/2021	20	70	150	123
9/2/2021	21	68	150	121
9/2/2021	22	65	150	120
9/2/2021	23	61	150	118
9/2/2021	24	58	150	106
9/3/2021	1	53	141	100
9/3/2021	2	52	147	100
9/3/2021	3	49	100	100
9/3/2021	4	49	109	100
9/3/2021	5	50	137	100
9/3/2021	6	52	146	100
9/3/2021	7	53	150	100
9/3/2021	8	59	150	100
9/3/2021	9	67	150	120
9/3/2021	10	72	150	121
9/3/2021	11	75	150	128
9/3/2021	12	75	150	123
9/3/2021	13	76	150	136
9/3/2021	14	78	150	145
9/3/2021	15	77	150	146
9/3/2021	16	74	150	124
9/3/2021	17	71	150	123
9/3/2021	18	71	150	124
9/3/2021	19	71	150	124
9/3/2021	20	69	150	123
9/3/2021	21	67	150	121
9/3/2021	22	63	150	120
9/3/2021	23	60	150	118
9/3/2021	24	56	137	118
9/4/2021	1	55	150	100
9/4/2021	2	52	150	100
9/4/2021	3	52	150	100
9/4/2021	4	50	137	100
9/4/2021	5	52	150	100
9/4/2021	6	54	150	112
9/4/2021	7	53	144	112
9/4/2021	8	54	148	112
9/4/2021	9	58	150	115
9/4/2021	10	60	150	119
9/4/2021	11	63	150	120
9/4/2021	12	64	150	121
9/4/2021	13	65	150	121
9/4/2021	14	66	150	121
9/4/2021	15	67	150	121
9/4/2021	16	68	145	120
9/4/2021	17	66	146	120
9/4/2021	18	68	137	123
9/4/2021	19	68	132	132

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/4/2021	20	67	131	131
9/4/2021	21	65	128	128
9/4/2021	22	62	125	125
9/4/2021	23	58	140	140
9/4/2021	24	56	123	123
9/5/2021	1	53	109	109
9/5/2021	2	51	106	106
9/5/2021	3	50	104	104
9/5/2021	4	48	102	102
9/5/2021	5	49	102	102
9/5/2021	6	50	102	102
9/5/2021	7	49	101	101
9/5/2021	8	50	97	97
9/5/2021	9	52	98	98
9/5/2021	10	54	115	115
9/5/2021	11	57	119	119
9/5/2021	12	61	120	120
9/5/2021	13	62	128	128
9/5/2021	14	62	133	133
9/5/2021	15	62	141	141
9/5/2021	16	59	134	134
9/5/2021	17	58	131	131
9/5/2021	18	64	130	130
9/5/2021	19	66	133	133
9/5/2021	20	64	131	131
9/5/2021	21	63	131	131
9/5/2021	22	61	128	128
9/5/2021	23	57	135	135
9/5/2021	24	54	119	119
9/6/2021	1	52	117	117
9/6/2021	2	51	113	112
9/6/2021	3	49	101	100
9/6/2021	4	48	101	100
9/6/2021	5	50	112	112
9/6/2021	6	52	114	114
9/6/2021	7	53	113	113
9/6/2021	8	58	114	114
9/6/2021	9	66	121	121
9/6/2021	10	73	144	143
9/6/2021	11	76	150	150
9/6/2021	12	76	136	136
9/6/2021	13	77	150	150
9/6/2021	14	77	136	136
9/6/2021	15	77	143	142
9/6/2021	16	76	142	142
9/6/2021	17	72	150	136
9/6/2021	18	71	150	136
9/6/2021	19	73	134	134
9/6/2021	20	72	136	136
9/6/2021	21	69	122	122
9/6/2021	22	65	118	118
9/6/2021	23	61	130	130
9/6/2021	24	58	115	115
9/7/2021	1	54	150	133
9/7/2021	2	52	133	132
9/7/2021	3	51	129	128
9/7/2021	4	50	126	125
9/7/2021	5	52	147	147
9/7/2021	6	55	150	150
9/7/2021	7	55	150	150
9/7/2021	8	59	150	150
9/7/2021	9	68	150	150
9/7/2021	10	72	150	150
9/7/2021	11	76	150	150
9/7/2021	12	75	150	150

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/7/2021	13	77	150	150
9/7/2021	14	79	150	150
9/7/2021	15	78	150	150
9/7/2021	16	74	150	150
9/7/2021	17	72	150	150
9/7/2021	18	70	150	150
9/7/2021	19	72	150	150
9/7/2021	20	71	150	150
9/7/2021	21	69	150	150
9/7/2021	22	65	150	150
9/7/2021	23	61	150	150
9/7/2021	24	58	144	144
9/8/2021	1	55	150	150
9/8/2021	2	53	150	150
9/8/2021	3	52	150	150
9/8/2021	4	50	143	142
9/8/2021	5	51	150	150
9/8/2021	6	54	150	150
9/8/2021	7	54	150	150
9/8/2021	8	59	150	150
9/8/2021	9	66	150	150
9/8/2021	10	70	150	150
9/8/2021	11	74	150	150
9/8/2021	12	75	150	150
9/8/2021	13	76	150	150
9/8/2021	14	76	150	150
9/8/2021	15	75	150	150
9/8/2021	16	73	150	150
9/8/2021	17	71	150	150
9/8/2021	18	70	150	150
9/8/2021	19	69	150	150
9/8/2021	20	67	150	150
9/8/2021	21	65	150	150
9/8/2021	22	61	150	150
9/8/2021	23	59	150	150
9/8/2021	24	55	150	150
9/9/2021	1	52	115	115
9/9/2021	2	50	115	115
9/9/2021	3	48	110	110
9/9/2021	4	48	112	111
9/9/2021	5	49	115	115
9/9/2021	6	52	115	115
9/9/2021	7	53	115	115
9/9/2021	8	57	139	139
9/9/2021	9	64	145	145
9/9/2021	10	68	138	138
9/9/2021	11	71	142	142
9/9/2021	12	71	145	145
9/9/2021	13	72	141	141
9/9/2021	14	74	145	145
9/9/2021	15	72	135	135
9/9/2021	16	70	135	135
9/9/2021	17	69	145	145
9/9/2021	18	70	150	150
9/9/2021	19	69	137	137
9/9/2021	20	68	132	131
9/9/2021	21	64	117	117
9/9/2021	22	61	117	117
9/9/2021	23	57	115	115
9/9/2021	24	55	115	115
9/10/2021	1	53	115	115
9/10/2021	2	52	115	115
9/10/2021	3	50	115	115
9/10/2021	4	49	115	115
9/10/2021	5	50	115	115

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/10/2021	6	52	115	115
9/10/2021	7	53	115	115
9/10/2021	8	56	120	120
9/10/2021	9	66	140	140
9/10/2021	10	69	130	130
9/10/2021	11	74	126	126
9/10/2021	12	73	128	128
9/10/2021	13	74	128	128
9/10/2021	14	76	139	139
9/10/2021	15	76	134	134
9/10/2021	16	72	132	132
9/10/2021	17	70	128	128
9/10/2021	18	70	128	128
9/10/2021	19	70	132	132
9/10/2021	20	68	129	129
9/10/2021	21	66	126	126
9/10/2021	22	62	120	120
9/10/2021	23	58	115	115
9/10/2021	24	56	115	115
9/11/2021	1	54	119	119
9/11/2021	2	53	117	117
9/11/2021	3	51	115	115
9/11/2021	4	50	113	113
9/11/2021	5	52	114	114
9/11/2021	6	53	116	116
9/11/2021	7	52	113	113
9/11/2021	8	54	117	117
9/11/2021	9	61	133	133
9/11/2021	10	66	124	124
9/11/2021	11	68	121	121
9/11/2021	12	68	121	121
9/11/2021	13	70	121	121
9/11/2021	14	69	134	134
9/11/2021	15	69	129	129
9/11/2021	16	68	127	127
9/11/2021	17	66	125	125
9/11/2021	18	70	127	127
9/11/2021	19	71	131	131
9/11/2021	20	68	129	129
9/11/2021	21	66	124	124
9/11/2021	22	62	121	121
9/11/2021	23	58	135	135
9/11/2021	24	56	120	120
9/12/2021	1	53	119	119
9/12/2021	2	52	117	117
9/12/2021	3	50	113	112
9/12/2021	4	49	104	103
9/12/2021	5	49	109	108
9/12/2021	6	50	112	112
9/12/2021	7	50	107	107
9/12/2021	8	51	107	106
9/12/2021	9	53	121	121
9/12/2021	10	54	122	122
9/12/2021	11	58	125	125
9/12/2021	12	58	126	126
9/12/2021	13	59	120	120
9/12/2021	14	59	125	125
9/12/2021	15	59	127	127
9/12/2021	16	57	127	127
9/12/2021	17	58	126	126
9/12/2021	18	64	120	120
9/12/2021	19	66	129	129
9/12/2021	20	64	127	127
9/12/2021	21	62	126	126
9/12/2021	22	60	125	125

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/12/2021	23	56	130	130
9/12/2021	24	53	114	114
9/13/2021	1	52	120	120
9/13/2021	2	50	107	107
9/13/2021	3	49	107	107
9/13/2021	4	48	107	107
9/13/2021	5	50	111	111
9/13/2021	6	52	113	113
9/13/2021	7	53	115	115
9/13/2021	8	57	118	118
9/13/2021	9	64	138	138
9/13/2021	10	69	126	126
9/13/2021	11	73	136	136
9/13/2021	12	73	129	128
9/13/2021	13	74	136	136
9/13/2021	14	76	136	136
9/13/2021	15	75	134	133
9/13/2021	16	73	128	128
9/13/2021	17	70	123	123
9/13/2021	18	70	136	136
9/13/2021	19	70	127	127
9/13/2021	20	68	124	124
9/13/2021	21	66	122	122
9/13/2021	22	62	119	119
9/13/2021	23	58	130	130
9/13/2021	24	54	110	110
9/14/2021	1	53	150	150
9/14/2021	2	51	150	150
9/14/2021	3	50	143	143
9/14/2021	4	49	141	141
9/14/2021	5	51	150	150
9/14/2021	6	53	150	150
9/14/2021	7	53	150	150
9/14/2021	8	58	150	150
9/14/2021	9	66	150	150
9/14/2021	10	71	150	150
9/14/2021	11	74	150	150
9/14/2021	12	74	150	150
9/14/2021	13	75	150	150
9/14/2021	14	78	150	150
9/14/2021	15	76	150	150
9/14/2021	16	74	150	150
9/14/2021	17	70	150	150
9/14/2021	18	70	150	150
9/14/2021	19	72	150	150
9/14/2021	20	70	150	150
9/14/2021	21	68	150	150
9/14/2021	22	64	150	150
9/14/2021	23	60	150	150
9/14/2021	24	57	150	150
9/15/2021	1	54	150	150
9/15/2021	2	52	150	150
9/15/2021	3	51	150	142
9/15/2021	4	50	150	130
9/15/2021	5	52	150	150
9/15/2021	6	54	150	150
9/15/2021	7	54	150	150
9/15/2021	8	58	150	150
9/15/2021	9	67	150	150
9/15/2021	10	70	150	150
9/15/2021	11	75	150	150
9/15/2021	12	74	150	150
9/15/2021	13	74	150	150
9/15/2021	14	77	150	150
9/15/2021	15	76	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/15/2021	16	74	150	150
9/15/2021	17	70	150	150
9/15/2021	18	71	150	150
9/15/2021	19	70	150	150
9/15/2021	20	68	150	150
9/15/2021	21	66	150	150
9/15/2021	22	62	150	150
9/15/2021	23	59	150	150
9/15/2021	24	56	150	149
9/16/2021	1	52	117	117
9/16/2021	2	51	114	114
9/16/2021	3	50	112	112
9/16/2021	4	49	111	111
9/16/2021	5	51	111	111
9/16/2021	6	53	115	115
9/16/2021	7	53	116	116
9/16/2021	8	58	119	119
9/16/2021	9	66	137	137
9/16/2021	10	71	130	130
9/16/2021	11	75	128	128
9/16/2021	12	74	129	129
9/16/2021	13	75	128	128
9/16/2021	14	77	138	138
9/16/2021	15	76	135	135
9/16/2021	16	74	133	133
9/16/2021	17	70	129	129
9/16/2021	18	71	129	129
9/16/2021	19	70	133	133
9/16/2021	20	69	131	131
9/16/2021	21	66	128	128
9/16/2021	22	62	126	126
9/16/2021	23	58	136	136
9/16/2021	24	55	120	120
9/17/2021	1	54	120	120
9/17/2021	2	53	117	117
9/17/2021	3	50	114	114
9/17/2021	4	50	113	113
9/17/2021	5	51	112	112
9/17/2021	6	54	117	117
9/17/2021	7	54	117	117
9/17/2021	8	59	121	121
9/17/2021	9	67	140	140
9/17/2021	10	72	133	133
9/17/2021	11	76	131	131
9/17/2021	12	74	129	129
9/17/2021	13	76	129	129
9/17/2021	14	79	143	143
9/17/2021	15	77	137	137
9/17/2021	16	74	135	135
9/17/2021	17	71	130	130
9/17/2021	18	72	136	136
9/17/2021	19	72	136	136
9/17/2021	20	71	132	132
9/17/2021	21	68	130	130
9/17/2021	22	64	126	126
9/17/2021	23	61	138	138
9/17/2021	24	57	122	122
9/18/2021	1	55	150	150
9/18/2021	2	53	150	150
9/18/2021	3	51	150	150
9/18/2021	4	51	150	150
9/18/2021	5	53	150	150
9/18/2021	6	54	150	150
9/18/2021	7	53	150	150
9/18/2021	8	55	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/18/2021	9	61	150	150
9/18/2021	10	64	150	150
9/18/2021	11	68	150	150
9/18/2021	12	67	150	150
9/18/2021	13	69	150	150
9/18/2021	14	70	150	150
9/18/2021	15	70	150	150
9/18/2021	16	68	150	150
9/18/2021	17	66	150	150
9/18/2021	18	70	150	150
9/18/2021	19	71	150	150
9/18/2021	20	68	150	150
9/18/2021	21	65	150	150
9/18/2021	22	62	150	150
9/18/2021	23	58	150	150
9/18/2021	24	56	150	150
9/19/2021	1	53	115	115
9/19/2021	2	52	115	115
9/19/2021	3	50	115	115
9/19/2021	4	49	115	115
9/19/2021	5	50	115	115
9/19/2021	6	50	115	115
9/19/2021	7	49	112	112
9/19/2021	8	50	112	112
9/19/2021	9	51	115	115
9/19/2021	10	54	115	115
9/19/2021	11	57	115	115
9/19/2021	12	57	115	115
9/19/2021	13	58	117	117
9/19/2021	14	58	119	116
9/19/2021	15	57	118	118
9/19/2021	16	56	118	115
9/19/2021	17	58	118	118
9/19/2021	18	64	150	150
9/19/2021	19	66	135	134
9/19/2021	20	66	137	137
9/19/2021	21	63	119	119
9/19/2021	22	60	117	117
9/19/2021	23	56	115	115
9/19/2021	24	54	115	115
9/20/2021	1	52	133	133
9/20/2021	2	50	123	123
9/20/2021	3	49	122	121
9/20/2021	4	48	118	118
9/20/2021	5	50	148	147
9/20/2021	6	52	150	150
9/20/2021	7	53	150	150
9/20/2021	8	58	150	150
9/20/2021	9	65	150	150
9/20/2021	10	70	150	150
9/20/2021	11	73	150	150
9/20/2021	12	74	150	150
9/20/2021	13	75	150	150
9/20/2021	14	76	150	150
9/20/2021	15	76	150	150
9/20/2021	16	72	150	150
9/20/2021	17	69	150	150
9/20/2021	18	70	150	150
9/20/2021	19	68	150	150
9/20/2021	20	67	150	150
9/20/2021	21	65	150	150
9/20/2021	22	61	150	150
9/20/2021	23	57	150	150
9/20/2021	24	54	146	145
9/21/2021	1	53	129	128

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/21/2021	2	51	120	120
9/21/2021	3	50	122	122
9/21/2021	4	49	128	127
9/21/2021	5	51	137	137
9/21/2021	6	53	133	132
9/21/2021	7	53	121	120
9/21/2021	8	58	124	124
9/21/2021	9	64	150	150
9/21/2021	10	70	150	150
9/21/2021	11	73	150	150
9/21/2021	12	74	150	150
9/21/2021	13	76	150	150
9/21/2021	14	78	150	150
9/21/2021	15	76	150	150
9/21/2021	16	73	150	150
9/21/2021	17	70	150	150
9/21/2021	18	71	150	150
9/21/2021	19	70	150	150
9/21/2021	20	69	150	150
9/21/2021	21	65	150	150
9/21/2021	22	62	150	150
9/21/2021	23	59	150	150
9/21/2021	24	55	129	128
9/22/2021	1	50	115	115
9/22/2021	2	50	115	115
9/22/2021	3	48	115	115
9/22/2021	4	48	115	115
9/22/2021	5	49	115	115
9/22/2021	6	52	120	120
9/22/2021	7	52	120	120
9/22/2021	8	58	138	138
9/22/2021	9	64	150	150
9/22/2021	10	68	150	150
9/22/2021	11	71	150	150
9/22/2021	12	71	150	150
9/22/2021	13	72	150	150
9/22/2021	14	76	150	150
9/22/2021	15	74	150	150
9/22/2021	16	72	150	150
9/22/2021	17	69	150	150
9/22/2021	18	72	150	150
9/22/2021	19	69	132	132
9/22/2021	20	68	130	130
9/22/2021	21	64	115	115
9/22/2021	22	60	115	115
9/22/2021	23	56	115	115
9/22/2021	24	54	115	115
9/23/2021	1	52	142	141
9/23/2021	2	51	146	145
9/23/2021	3	49	135	134
9/23/2021	4	48	125	125
9/23/2021	5	50	149	148
9/23/2021	6	53	150	150
9/23/2021	7	52	150	150
9/23/2021	8	57	150	150
9/23/2021	9	65	150	150
9/23/2021	10	70	150	150
9/23/2021	11	74	150	150
9/23/2021	12	73	150	150
9/23/2021	13	73	150	150
9/23/2021	14	76	150	150
9/23/2021	15	75	150	150
9/23/2021	16	73	150	150
9/23/2021	17	70	150	150
9/23/2021	18	72	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/23/2021	19	69	150	150
9/23/2021	20	67	150	150
9/23/2021	21	65	150	150
9/23/2021	22	61	150	150
9/23/2021	23	58	150	150
9/23/2021	24	55	150	150
9/24/2021	1	52	120	120
9/24/2021	2	51	120	120
9/24/2021	3	49	120	120
9/24/2021	4	49	120	120
9/24/2021	5	51	134	134
9/24/2021	6	54	147	146
9/24/2021	7	53	127	127
9/24/2021	8	58	150	150
9/24/2021	9	66	150	150
9/24/2021	10	71	150	150
9/24/2021	11	74	150	150
9/24/2021	12	74	150	150
9/24/2021	13	73	150	150
9/24/2021	14	76	150	150
9/24/2021	15	75	150	150
9/24/2021	16	74	150	150
9/24/2021	17	70	150	150
9/24/2021	18	72	150	150
9/24/2021	19	70	150	150
9/24/2021	20	69	150	150
9/24/2021	21	66	150	150
9/24/2021	22	62	150	150
9/24/2021	23	59	150	150
9/24/2021	24	56	141	141
9/25/2021	1	53	150	150
9/25/2021	2	50	139	139
9/25/2021	3	50	140	140
9/25/2021	4	49	139	138
9/25/2021	5	51	150	150
9/25/2021	6	54	150	150
9/25/2021	7	52	150	150
9/25/2021	8	54	150	150
9/25/2021	9	58	150	150
9/25/2021	10	62	150	150
9/25/2021	11	64	150	150
9/25/2021	12	65	150	150
9/25/2021	13	66	150	150
9/25/2021	14	67	150	150
9/25/2021	15	67	150	150
9/25/2021	16	66	150	150
9/25/2021	17	66	150	150
9/25/2021	18	68	150	150
9/25/2021	19	69	150	150
9/25/2021	20	66	150	150
9/25/2021	21	63	150	150
9/25/2021	22	60	150	150
9/25/2021	23	58	150	150
9/25/2021	24	55	150	150
9/26/2021	1	53	115	115
9/26/2021	2	51	115	115
9/26/2021	3	49	105	105
9/26/2021	4	48	97	97
9/26/2021	5	49	105	105
9/26/2021	6	50	107	107
9/26/2021	7	50	105	104
9/26/2021	8	49	94	94
9/26/2021	9	50	96	96
9/26/2021	10	54	115	115
9/26/2021	11	56	116	115

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/26/2021	12	59	117	117
9/26/2021	13	60	117	117
9/26/2021	14	61	119	119
9/26/2021	15	59	119	119
9/26/2021	16	58	118	118
9/26/2021	17	60	118	118
9/26/2021	18	66	150	150
9/26/2021	19	66	125	125
9/26/2021	20	63	115	115
9/26/2021	21	60	115	115
9/26/2021	22	58	115	115
9/26/2021	23	54	115	115
9/26/2021	24	51	111	111
9/27/2021	1	55	150	150
9/27/2021	2	54	150	150
9/27/2021	3	52	144	143
9/27/2021	4	52	135	134
9/27/2021	5	52	140	140
9/27/2021	6	54	150	150
9/27/2021	7	53	143	142
9/27/2021	8	59	150	150
9/27/2021	9	68	150	150
9/27/2021	10	72	150	150
9/27/2021	11	76	150	150
9/27/2021	12	74	150	150
9/27/2021	13	76	150	150
9/27/2021	14	78	150	150
9/27/2021	15	77	150	150
9/27/2021	16	75	150	150
9/27/2021	17	71	150	150
9/27/2021	18	72	150	150
9/27/2021	19	74	150	150
9/27/2021	20	71	150	150
9/27/2021	21	69	150	150
9/27/2021	22	64	150	150
9/27/2021	23	60	150	150
9/27/2021	24	57	150	150
9/28/2021	1	51	138	138
9/28/2021	2	49	125	124
9/28/2021	3	48	119	119
9/28/2021	4	48	119	119
9/28/2021	5	49	145	144
9/28/2021	6	53	150	150
9/28/2021	7	53	150	150
9/28/2021	8	57	150	150
9/28/2021	9	66	150	150
9/28/2021	10	70	150	150
9/28/2021	11	74	150	150
9/28/2021	12	74	150	150
9/28/2021	13	74	150	150
9/28/2021	14	77	150	150
9/28/2021	15	76	150	150
9/28/2021	16	73	150	150
9/28/2021	17	71	150	150
9/28/2021	18	72	150	150
9/28/2021	19	70	150	150
9/28/2021	20	69	150	150
9/28/2021	21	67	150	150
9/28/2021	22	63	150	150
9/28/2021	23	59	150	150
9/28/2021	24	56	150	150
9/29/2021	1	53	113	113
9/29/2021	2	52	110	110
9/29/2021	3	49	106	106
9/29/2021	4	49	105	105

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/29/2021	5	51	106	106
9/29/2021	6	54	109	109
9/29/2021	7	53	110	110
9/29/2021	8	59	117	117
9/29/2021	9	66	136	136
9/29/2021	10	72	125	125
9/29/2021	11	76	129	129
9/29/2021	12	75	131	131
9/29/2021	13	76	135	135
9/29/2021	14	79	145	145
9/29/2021	15	77	141	141
9/29/2021	16	74	140	140
9/29/2021	17	71	133	133
9/29/2021	18	73	134	134
9/29/2021	19	70	137	137
9/29/2021	20	69	134	134
9/29/2021	21	67	133	133
9/29/2021	22	64	129	129
9/29/2021	23	60	140	140
9/29/2021	24	57	125	125
9/30/2021	1	55	150	150
9/30/2021	2	53	150	150
9/30/2021	3	52	150	150
9/30/2021	4	51	150	150
9/30/2021	5	54	150	150
9/30/2021	6	55	150	150
9/30/2021	7	54	150	150
9/30/2021	8	60	150	150
9/30/2021	9	68	150	150
9/30/2021	10	74	150	150
9/30/2021	11	77	150	150
9/30/2021	12	77	150	150
9/30/2021	13	78	150	150
9/30/2021	14	80	150	150
9/30/2021	15	78	150	150
9/30/2021	16	75	150	150
9/30/2021	17	72	150	150
9/30/2021	18	74	150	150
9/30/2021	19	72	150	150
9/30/2021	20	70	150	150
9/30/2021	21	68	150	150
9/30/2021	22	66	150	150
9/30/2021	23	61	150	150
9/30/2021	24	58	150	150
10/1/2021	1	56	150	150
10/1/2021	2	54	150	150
10/1/2021	3	52	150	150
10/1/2021	4	52	150	150
10/1/2021	5	54	150	150
10/1/2021	6	56	150	150
10/1/2021	7	55	150	150
10/1/2021	8	61	150	150
10/1/2021	9	69	150	150
10/1/2021	10	74	150	150
10/1/2021	11	77	150	150
10/1/2021	12	76	150	150
10/1/2021	13	78	150	150
10/1/2021	14	81	150	150
10/1/2021	15	79	150	150
10/1/2021	16	76	150	150
10/1/2021	17	74	150	150
10/1/2021	18	77	150	150
10/1/2021	19	74	150	150
10/1/2021	20	73	150	150
10/1/2021	21	71	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/1/2021	22	67	150	150
10/1/2021	23	64	150	150
10/1/2021	24	60	150	150
10/2/2021	1	56	143	143
10/2/2021	2	54	144	144
10/2/2021	3	52	130	130
10/2/2021	4	51	130	130
10/2/2021	5	53	142	142
10/2/2021	6	53	134	134
10/2/2021	7	52	130	130
10/2/2021	8	55	130	130
10/2/2021	9	60	148	148
10/2/2021	10	63	150	150
10/2/2021	11	67	150	150
10/2/2021	12	66	143	143
10/2/2021	13	67	150	150
10/2/2021	14	69	150	150
10/2/2021	15	68	150	150
10/2/2021	16	67	150	150
10/2/2021	17	66	150	150
10/2/2021	18	70	150	150
10/2/2021	19	67	150	150
10/2/2021	20	65	144	144
10/2/2021	21	63	134	134
10/2/2021	22	59	130	130
10/2/2021	23	57	136	135
10/2/2021	24	53	130	130
10/3/2021	1	52	150	150
10/3/2021	2	51	150	150
10/3/2021	3	49	150	150
10/3/2021	4	48	141	141
10/3/2021	5	48	136	135
10/3/2021	6	49	143	143
10/3/2021	7	49	141	141
10/3/2021	8	49	130	130
10/3/2021	9	50	122	122
10/3/2021	10	54	141	141
10/3/2021	11	57	150	150
10/3/2021	12	58	150	150
10/3/2021	13	60	150	150
10/3/2021	14	60	150	150
10/3/2021	15	59	150	150
10/3/2021	16	58	150	150
10/3/2021	17	60	150	150
10/3/2021	18	66	150	150
10/3/2021	19	64	150	150
10/3/2021	20	63	150	150
10/3/2021	21	62	150	150
10/3/2021	22	59	150	150
10/3/2021	23	56	150	150
10/3/2021	24	53	150	150
10/4/2021	1	54	150	150
10/4/2021	2	53	150	150
10/4/2021	3	52	150	150
10/4/2021	4	51	150	150
10/4/2021	5	52	150	150
10/4/2021	6	53	150	150
10/4/2021	7	54	150	150
10/4/2021	8	58	150	150
10/4/2021	9	68	150	150
10/4/2021	10	74	150	150
10/4/2021	11	77	150	150
10/4/2021	12	77	150	150
10/4/2021	13	78	150	150
10/4/2021	14	80	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/4/2021	15	79	150	150
10/4/2021	16	76	150	150
10/4/2021	17	74	150	150
10/4/2021	18	76	150	150
10/4/2021	19	73	150	150
10/4/2021	20	72	150	150
10/4/2021	21	69	150	150
10/4/2021	22	66	150	150
10/4/2021	23	63	150	150
10/4/2021	24	60	150	150
10/5/2021	1	54	128	128
10/5/2021	2	52	128	127
10/5/2021	3	50	128	127
10/5/2021	4	50	128	127
10/5/2021	5	51	133	133
10/5/2021	6	53	133	133
10/5/2021	7	53	133	133
10/5/2021	8	58	150	150
10/5/2021	9	69	150	150
10/5/2021	10	73	150	150
10/5/2021	11	77	150	150
10/5/2021	12	74	150	150
10/5/2021	13	76	150	150
10/5/2021	14	80	150	150
10/5/2021	15	77	150	150
10/5/2021	16	76	150	150
10/5/2021	17	72	150	150
10/5/2021	18	75	150	150
10/5/2021	19	72	150	150
10/5/2021	20	71	150	150
10/5/2021	21	68	150	150
10/5/2021	22	64	150	150
10/5/2021	23	60	150	150
10/5/2021	24	58	139	138
10/6/2021	1	52	150	150
10/6/2021	2	51	150	150
10/6/2021	3	49	150	150
10/6/2021	4	48	136	136
10/6/2021	5	50	150	150
10/6/2021	6	53	150	150
10/6/2021	7	52	150	150
10/6/2021	8	57	150	150
10/6/2021	9	66	150	150
10/6/2021	10	71	150	150
10/6/2021	11	73	150	150
10/6/2021	12	73	150	150
10/6/2021	13	74	150	150
10/6/2021	14	76	150	150
10/6/2021	15	74	150	150
10/6/2021	16	72	150	150
10/6/2021	17	71	150	150
10/6/2021	18	72	150	150
10/6/2021	19	67	150	150
10/6/2021	20	66	150	150
10/6/2021	21	63	150	150
10/6/2021	22	60	150	150
10/6/2021	23	56	150	150
10/6/2021	24	53	134	134
10/7/2021	1	53	134	134
10/7/2021	2	51	129	129
10/7/2021	3	50	123	123
10/7/2021	4	49	122	122
10/7/2021	5	52	150	150
10/7/2021	6	54	150	150
10/7/2021	7	53	134	133

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/7/2021	8	59	150	150
10/7/2021	9	65	150	150
10/7/2021	10	70	150	150
10/7/2021	11	73	150	150
10/7/2021	12	72	150	150
10/7/2021	13	73	150	150
10/7/2021	14	77	150	150
10/7/2021	15	76	150	150
10/7/2021	16	75	150	150
10/7/2021	17	72	150	150
10/7/2021	18	74	150	150
10/7/2021	19	71	150	150
10/7/2021	20	69	150	150
10/7/2021	21	66	150	143
10/7/2021	22	63	150	135
10/7/2021	23	59	150	135
10/7/2021	24	56	135	135
10/8/2021	1	53	150	150
10/8/2021	2	53	150	150
10/8/2021	3	52	150	150
10/8/2021	4	51	150	150
10/8/2021	5	53	150	150
10/8/2021	6	55	150	150
10/8/2021	7	53	150	150
10/8/2021	8	59	150	150
10/8/2021	9	66	150	150
10/8/2021	10	71	150	150
10/8/2021	11	76	150	150
10/8/2021	12	74	150	150
10/8/2021	13	76	150	150
10/8/2021	14	80	150	150
10/8/2021	15	78	150	150
10/8/2021	16	76	150	150
10/8/2021	17	72	150	150
10/8/2021	18	75	150	150
10/8/2021	19	72	150	150
10/8/2021	20	70	150	150
10/8/2021	21	68	150	150
10/8/2021	22	64	150	150
10/8/2021	23	61	150	150
10/8/2021	24	58	150	150
10/9/2021	1	54	150	150
10/9/2021	2	52	150	150
10/9/2021	3	51	150	150
10/9/2021	4	50	150	150
10/9/2021	5	52	150	150
10/9/2021	6	53	150	150
10/9/2021	7	51	150	148
10/9/2021	8	54	150	150
10/9/2021	9	60	150	150
10/9/2021	10	64	150	150
10/9/2021	11	68	150	150
10/9/2021	12	68	150	150
10/9/2021	13	69	150	150
10/9/2021	14	70	150	150
10/9/2021	15	69	150	150
10/9/2021	16	68	150	150
10/9/2021	17	66	150	150
10/9/2021	18	71	150	150
10/9/2021	19	67	150	150
10/9/2021	20	66	150	150
10/9/2021	21	64	150	150
10/9/2021	22	60	150	150
10/9/2021	23	58	150	150
10/9/2021	24	54	150	150

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/10/2021	1	52	150	150
10/10/2021	2	50	150	150
10/10/2021	3	48	142	142
10/10/2021	4	49	150	150
10/10/2021	5	49	146	145
10/10/2021	6	50	145	145
10/10/2021	7	50	133	132
10/10/2021	8	50	116	115
10/10/2021	9	52	137	136
10/10/2021	10	54	137	137
10/10/2021	11	57	150	150
10/10/2021	12	58	150	150
10/10/2021	13	58	150	150
10/10/2021	14	59	150	150
10/10/2021	15	59	150	150
10/10/2021	16	58	150	150
10/10/2021	17	60	150	150
10/10/2021	18	67	150	150
10/10/2021	19	64	150	150
10/10/2021	20	64	150	150
10/10/2021	21	62	150	150
10/10/2021	22	59	150	150
10/10/2021	23	55	150	150
10/10/2021	24	52	146	145
10/11/2021	1	55	150	150
10/11/2021	2	54	150	150
10/11/2021	3	52	150	150
10/11/2021	4	52	150	150
10/11/2021	5	53	150	150
10/11/2021	6	56	150	150
10/11/2021	7	55	150	150
10/11/2021	8	60	150	150
10/11/2021	9	67	150	150
10/11/2021	10	73	150	150
10/11/2021	11	77	150	150
10/11/2021	12	77	150	150
10/11/2021	13	78	150	150
10/11/2021	14	80	150	150
10/11/2021	15	79	150	150
10/11/2021	16	77	150	150
10/11/2021	17	73	150	150
10/11/2021	18	77	150	150
10/11/2021	19	73	150	150
10/11/2021	20	71	150	150
10/11/2021	21	70	150	150
10/11/2021	22	66	150	150
10/11/2021	23	62	150	150
10/11/2021	24	59	150	150
10/12/2021	1	54	150	150
10/12/2021	2	52	150	150
10/12/2021	3	51	150	150
10/12/2021	4	50	150	150
10/12/2021	5	52	150	150
10/12/2021	6	55	150	150
10/12/2021	7	55	150	150
10/12/2021	8	60	150	150
10/12/2021	9	68	150	150
10/12/2021	10	72	150	150
10/12/2021	11	76	150	150
10/12/2021	12	77	150	150
10/12/2021	13	78	150	150
10/12/2021	14	80	150	150
10/12/2021	15	78	150	150
10/12/2021	16	76	150	150
10/12/2021	17	72	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/12/2021	18	75	150	150
10/12/2021	19	72	150	150
10/12/2021	20	70	150	150
10/12/2021	21	68	150	150
10/12/2021	22	65	150	150
10/12/2021	23	61	150	150
10/12/2021	24	57	150	150
10/13/2021	1	53	150	150
10/13/2021	2	51	150	150
10/13/2021	3	50	150	150
10/13/2021	4	49	150	150
10/13/2021	5	52	150	150
10/13/2021	6	54	150	150
10/13/2021	7	54	150	150
10/13/2021	8	58	150	150
10/13/2021	9	66	150	150
10/13/2021	10	71	150	150
10/13/2021	11	74	150	150
10/13/2021	12	74	150	150
10/13/2021	13	74	150	150
10/13/2021	14	76	150	150
10/13/2021	15	73	150	150
10/13/2021	16	71	150	150
10/13/2021	17	69	150	150
10/13/2021	18	71	150	150
10/13/2021	19	68	150	150
10/13/2021	20	67	150	150
10/13/2021	21	64	150	150
10/13/2021	22	60	150	150
10/13/2021	23	57	150	150
10/13/2021	24	54	150	150
10/14/2021	1	52	150	150
10/14/2021	2	50	150	150
10/14/2021	3	49	150	149
10/14/2021	4	48	141	140
10/14/2021	5	50	150	150
10/14/2021	6	53	150	150
10/14/2021	7	53	150	150
10/14/2021	8	57	150	150
10/14/2021	9	65	150	150
10/14/2021	10	70	150	150
10/14/2021	11	74	150	150
10/14/2021	12	73	150	150
10/14/2021	13	74	150	150
10/14/2021	14	76	150	150
10/14/2021	15	74	150	150
10/14/2021	16	70	150	150
10/14/2021	17	68	150	150
10/14/2021	18	69	150	150
10/14/2021	19	66	150	150
10/14/2021	20	65	150	150
10/14/2021	21	63	150	150
10/14/2021	22	60	150	150
10/14/2021	23	57	150	150
10/14/2021	24	54	150	150
10/15/2021	1	54	150	150
10/15/2021	2	53	150	150
10/15/2021	3	51	147	146
10/15/2021	4	50	136	135
10/15/2021	5	52	150	150
10/15/2021	6	54	150	150
10/15/2021	7	54	150	150
10/15/2021	8	58	150	150
10/15/2021	9	66	150	150
10/15/2021	10	72	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/15/2021	11	76	150	150
10/15/2021	12	74	150	150
10/15/2021	13	75	150	150
10/15/2021	14	79	150	150
10/15/2021	15	76	150	150
10/15/2021	16	75	150	150
10/15/2021	17	71	150	150
10/15/2021	18	74	150	150
10/15/2021	19	71	150	150
10/15/2021	20	67	150	150
10/15/2021	21	66	150	150
10/15/2021	22	63	150	150
10/15/2021	23	60	150	150
10/15/2021	24	56	149	148
10/16/2021	1	55	150	150
10/16/2021	2	53	150	150
10/16/2021	3	51	150	150
10/16/2021	4	51	140	140
10/16/2021	5	52	150	150
10/16/2021	6	53	150	150
10/16/2021	7	53	140	140
10/16/2021	8	55	150	150
10/16/2021	9	60	150	150
10/16/2021	10	64	150	150
10/16/2021	11	67	150	150
10/16/2021	12	66	150	150
10/16/2021	13	67	150	150
10/16/2021	14	70	150	150
10/16/2021	15	69	150	150
10/16/2021	16	67	150	150
10/16/2021	17	66	150	150
10/16/2021	18	70	150	150
10/16/2021	19	67	150	150
10/16/2021	20	66	150	150
10/16/2021	21	63	150	150
10/16/2021	22	60	150	150
10/16/2021	23	57	150	150
10/16/2021	24	54	144	143
10/17/2021	1	52	115	115
10/17/2021	2	50	115	115
10/17/2021	3	49	115	115
10/17/2021	4	48	115	115
10/17/2021	5	49	115	115
10/17/2021	6	50	115	115
10/17/2021	7	49	115	115
10/17/2021	8	50	115	115
10/17/2021	9	50	115	115
10/17/2021	10	53	115	115
10/17/2021	11	56	115	115
10/17/2021	12	57	115	115
10/17/2021	13	57	115	115
10/17/2021	14	57	115	115
10/17/2021	15	57	115	115
10/17/2021	16	56	115	115
10/17/2021	17	58	115	115
10/17/2021	18	64	150	150
10/17/2021	19	63	134	133
10/17/2021	20	62	130	130
10/17/2021	21	61	120	119
10/17/2021	22	58	115	115
10/17/2021	23	55	115	115
10/17/2021	24	52	115	115
10/18/2021	1	55	150	150
10/18/2021	2	52	150	150
10/18/2021	3	50	150	150

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/18/2021	4	50	150	150
10/18/2021	5	51	150	150
10/18/2021	6	54	150	150
10/18/2021	7	53	150	150
10/18/2021	8	59	150	150
10/18/2021	9	66	150	150
10/18/2021	10	71	150	150
10/18/2021	11	74	150	150
10/18/2021	12	74	150	150
10/18/2021	13	75	150	150
10/18/2021	14	78	150	150
10/18/2021	15	76	150	150
10/18/2021	16	73	150	150
10/18/2021	17	71	150	150
10/18/2021	18	74	150	150
10/18/2021	19	70	150	150
10/18/2021	20	68	150	150
10/18/2021	21	66	150	150
10/18/2021	22	62	150	150
10/18/2021	23	60	150	150
10/18/2021	24	56	150	150
10/19/2021	1	55	150	107
10/19/2021	2	52	150	102
10/19/2021	3	51	150	102
10/19/2021	4	50	150	102
10/19/2021	5	52	150	102
10/19/2021	6	54	150	101
10/19/2021	7	53	150	102
10/19/2021	8	60	150	126
10/19/2021	9	68	150	140
10/19/2021	10	72	150	147
10/19/2021	11	76	150	150
10/19/2021	12	76	150	147
10/19/2021	13	78	150	150
10/19/2021	14	80	150	150
10/19/2021	15	78	150	150
10/19/2021	16	76	150	150
10/19/2021	17	74	150	150
10/19/2021	18	74	150	150
10/19/2021	19	71	150	150
10/19/2021	20	69	150	144
10/19/2021	21	68	150	129
10/19/2021	22	64	150	121
10/19/2021	23	60	150	106
10/19/2021	24	56	150	102
10/20/2021	1	56	150	112
10/20/2021	2	55	150	112
10/20/2021	3	53	150	112
10/20/2021	4	52	150	112
10/20/2021	5	53	150	112
10/20/2021	6	56	150	112
10/20/2021	7	55	150	112
10/20/2021	8	60	150	112
10/20/2021	9	68	150	145
10/20/2021	10	72	150	149
10/20/2021	11	76	150	149
10/20/2021	12	75	150	149
10/20/2021	13	77	150	150
10/20/2021	14	79	150	150
10/20/2021	15	78	150	150
10/20/2021	16	76	150	150
10/20/2021	17	73	150	150
10/20/2021	18	75	150	150
10/20/2021	19	73	150	150
10/20/2021	20	71	150	150

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/20/2021	21	70	150	137
10/20/2021	22	66	150	126
10/20/2021	23	62	150	112
10/20/2021	24	59	150	112
10/21/2021	1	56	113	113
10/21/2021	2	55	118	118
10/21/2021	3	53	123	123
10/21/2021	4	52	128	128
10/21/2021	5	54	133	133
10/21/2021	6	56	138	138
10/21/2021	7	56	143	143
10/21/2021	8	60	150	150
10/21/2021	9	68	150	150
10/21/2021	10	74	150	150
10/21/2021	11	79	150	150
10/21/2021	12	78	150	150
10/21/2021	13	78	150	150
10/21/2021	14	81	150	150
10/21/2021	15	80	150	150
10/21/2021	16	78	150	150
10/21/2021	17	73	150	150
10/21/2021	18	75	150	150
10/21/2021	19	72	150	150
10/21/2021	20	71	150	150
10/21/2021	21	69	150	150
10/21/2021	22	66	150	150
10/21/2021	23	62	150	150
10/21/2021	24	59	150	150
10/22/2021	1	55	150	150
10/22/2021	2	53	150	150
10/22/2021	3	52	150	150
10/22/2021	4	51	150	150
10/22/2021	5	53	150	150
10/22/2021	6	55	150	150
10/22/2021	7	54	150	150
10/22/2021	8	61	150	150
10/22/2021	9	70	150	150
10/22/2021	10	75	150	150
10/22/2021	11	79	150	150
10/22/2021	12	77	150	150
10/22/2021	13	78	150	150
10/22/2021	14	80	150	150
10/22/2021	15	77	150	150
10/22/2021	16	75	150	150
10/22/2021	17	72	150	150
10/22/2021	18	74	150	150
10/22/2021	19	71	150	150
10/22/2021	20	68	150	150
10/22/2021	21	66	150	150
10/22/2021	22	63	150	150
10/22/2021	23	59	150	150
10/22/2021	24	56	150	150
10/23/2021	1	53	115	115
10/23/2021	2	52	115	115
10/23/2021	3	51	115	115
10/23/2021	4	50	115	115
10/23/2021	5	52	117	116
10/23/2021	6	53	116	116
10/23/2021	7	52	115	115
10/23/2021	8	54	115	115
10/23/2021	9	59	149	115
10/23/2021	10	64	149	116
10/23/2021	11	65	149	115
10/23/2021	12	66	149	115
10/23/2021	13	66	149	115

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/23/2021	14	68	149	115
10/23/2021	15	67	149	115
10/23/2021	16	66	149	115
10/23/2021	17	65	149	130
10/23/2021	18	70	150	150
10/23/2021	19	66	150	150
10/23/2021	20	64	150	150
10/23/2021	21	63	150	150
10/23/2021	22	60	146	146
10/23/2021	23	57	150	150
10/23/2021	24	54	148	147
10/24/2021	1	52	130	130
10/24/2021	2	52	130	130
10/24/2021	3	49	128	128
10/24/2021	4	48	122	121
10/24/2021	5	49	121	120
10/24/2021	6	50	130	130
10/24/2021	7	50	106	105
10/24/2021	8	50	93	92
10/24/2021	9	52	99	99
10/24/2021	10	54	118	118
10/24/2021	11	57	130	130
10/24/2021	12	58	130	130
10/24/2021	13	58	149	130
10/24/2021	14	59	149	130
10/24/2021	15	58	149	130
10/24/2021	16	58	149	130
10/24/2021	17	60	149	130
10/24/2021	18	65	150	150
10/24/2021	19	63	150	150
10/24/2021	20	63	150	150
10/24/2021	21	61	150	150
10/24/2021	22	59	135	135
10/24/2021	23	55	135	135
10/24/2021	24	53	115	115
10/25/2021	1	54	132	132
10/25/2021	2	52	125	125
10/25/2021	3	50	125	125
10/25/2021	4	50	125	125
10/25/2021	5	51	132	132
10/25/2021	6	54	132	132
10/25/2021	7	54	132	132
10/25/2021	8	59	150	150
10/25/2021	9	67	150	150
10/25/2021	10	71	150	150
10/25/2021	11	75	150	150
10/25/2021	12	75	150	150
10/25/2021	13	77	150	150
10/25/2021	14	79	150	150
10/25/2021	15	76	150	150
10/25/2021	16	74	150	150
10/25/2021	17	71	150	150
10/25/2021	18	72	150	150
10/25/2021	19	70	150	150
10/25/2021	20	67	150	150
10/25/2021	21	66	150	150
10/25/2021	22	62	150	150
10/25/2021	23	59	150	150
10/25/2021	24	56	141	140
10/26/2021	1	54	115	115
10/26/2021	2	54	115	115
10/26/2021	3	53	122	121
10/26/2021	4	52	120	120
10/26/2021	5	52	130	130
10/26/2021	6	54	130	130

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/26/2021	7	53	130	130
10/26/2021	8	58	140	139
10/26/2021	9	67	150	150
10/26/2021	10	72	150	150
10/26/2021	11	76	150	150
10/26/2021	12	78	150	150
10/26/2021	13	77	150	150
10/26/2021	14	80	150	150
10/26/2021	15	79	150	150
10/26/2021	16	76	150	150
10/26/2021	17	74	150	150
10/26/2021	18	74	150	150
10/26/2021	19	70	149	132
10/26/2021	20	69	149	143
10/26/2021	21	67	144	138
10/26/2021	22	63	139	115
10/26/2021	23	60	135	115
10/26/2021	24	58	115	115
10/27/2021	1	56	138	137
10/27/2021	2	54	130	130
10/27/2021	3	52	130	130
10/27/2021	4	52	130	130
10/27/2021	5	55	150	150
10/27/2021	6	56	141	140
10/27/2021	7	55	123	122
10/27/2021	8	60	150	150
10/27/2021	9	69	150	150
10/27/2021	10	74	150	150
10/27/2021	11	78	150	150
10/27/2021	12	78	150	150
10/27/2021	13	78	150	150
10/27/2021	14	81	150	150
10/27/2021	15	79	150	150
10/27/2021	16	76	150	150
10/27/2021	17	73	150	150
10/27/2021	18	74	150	150
10/27/2021	19	71	150	150
10/27/2021	20	68	143	141
10/27/2021	21	66	143	128
10/27/2021	22	62	137	119
10/27/2021	23	60	120	119
10/27/2021	24	57	119	118
10/28/2021	1	56	150	145
10/28/2021	2	54	131	131
10/28/2021	3	52	120	120
10/28/2021	4	52	124	123
10/28/2021	5	54	144	143
10/28/2021	6	56	150	150
10/28/2021	7	56	149	148
10/28/2021	8	60	150	150
10/28/2021	9	68	150	150
10/28/2021	10	73	150	150
10/28/2021	11	78	150	150
10/28/2021	12	77	150	150
10/28/2021	13	78	150	150
10/28/2021	14	81	150	150
10/28/2021	15	80	150	150
10/28/2021	16	77	150	150
10/28/2021	17	75	150	150
10/28/2021	18	74	150	150
10/28/2021	19	71	150	150
10/28/2021	20	70	150	150
10/28/2021	21	68	150	150
10/28/2021	22	64	150	150
10/28/2021	23	62	150	150

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/28/2021	24	59	150	150
10/29/2021	1	57	148	148
10/29/2021	2	54	132	132
10/29/2021	3	53	132	132
10/29/2021	4	52	132	132
10/29/2021	5	54	150	150
10/29/2021	6	57	150	150
10/29/2021	7	56	143	143
10/29/2021	8	61	150	150
10/29/2021	9	68	150	150
10/29/2021	10	73	150	150
10/29/2021	11	77	150	150
10/29/2021	12	76	150	150
10/29/2021	13	77	150	150
10/29/2021	14	80	150	150
10/29/2021	15	76	150	150
10/29/2021	16	74	150	150
10/29/2021	17	72	150	150
10/29/2021	18	74	150	150
10/29/2021	19	71	150	150
10/29/2021	20	70	150	150
10/29/2021	21	67	145	138
10/29/2021	22	63	139	130
10/29/2021	23	60	130	130
10/29/2021	24	57	119	119
10/30/2021	1	55	149	148
10/30/2021	2	53	129	129
10/30/2021	3	51	129	129
10/30/2021	4	51	129	129
10/30/2021	5	52	129	129
10/30/2021	6	53	129	129
10/30/2021	7	52	129	129
10/30/2021	8	54	129	129
10/30/2021	9	58	133	133
10/30/2021	10	62	138	133
10/30/2021	11	66	150	150
10/30/2021	12	66	150	150
10/30/2021	13	66	150	150
10/30/2021	14	68	150	150
10/30/2021	15	66	145	128
10/30/2021	16	64	142	128
10/30/2021	17	64	144	144
10/30/2021	18	68	150	150
10/30/2021	19	67	148	134
10/30/2021	20	66	147	134
10/30/2021	21	63	147	134
10/30/2021	22	61	138	134
10/30/2021	23	58	134	134
10/30/2021	24	55	134	134
10/31/2021	1	52	115	115
10/31/2021	2	51	115	115
10/31/2021	3	50	115	115
10/31/2021	4	49	115	115
10/31/2021	5	50	115	115
10/31/2021	6	51	115	115
10/31/2021	7	49	115	115
10/31/2021	8	50	115	115
10/31/2021	9	51	115	115
10/31/2021	10	54	115	115
10/31/2021	11	56	115	115
10/31/2021	12	56	115	115
10/31/2021	13	56	115	115
10/31/2021	14	58	129	128
10/31/2021	15	57	130	130
10/31/2021	16	57	130	130

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/31/2021	17	56	130	130
10/31/2021	18	65	150	150
10/31/2021	19	63	150	130
10/31/2021	20	62	149	115
10/31/2021	21	61	150	115
10/31/2021	22	58	150	115
10/31/2021	23	56	115	115
10/31/2021	24	53	115	115
11/1/2021	1	52	117	116
11/1/2021	2	51	115	115
11/1/2021	3	50	115	115
11/1/2021	4	49	115	115
11/1/2021	5	50	115	115
11/1/2021	6	50	115	115
11/1/2021	7	49	106	105
11/1/2021	8	50	98	98
11/1/2021	9	51	94	94
11/1/2021	10	54	100	100
11/1/2021	11	56	108	108
11/1/2021	12	57	114	113
11/1/2021	13	57	115	115
11/1/2021	14	58	115	115
11/1/2021	15	57	111	111
11/1/2021	16	56	113	113
11/1/2021	17	56	119	118
11/1/2021	18	64	149	135
11/1/2021	19	62	149	115
11/1/2021	20	61	149	115
11/1/2021	21	60	149	115
11/1/2021	22	58	147	115
11/1/2021	23	55	115	115
11/1/2021	24	52	115	115
11/2/2021	1	51	116	115
11/2/2021	2	50	116	115
11/2/2021	3	49	116	115
11/2/2021	4	48	115	115
11/2/2021	5	49	124	123
11/2/2021	6	53	150	150
11/2/2021	7	52	150	150
11/2/2021	8	59	150	150
11/2/2021	9	67	150	150
11/2/2021	10	73	150	150
11/2/2021	11	77	150	150
11/2/2021	12	77	150	150
11/2/2021	13	78	150	150
11/2/2021	14	80	150	150
11/2/2021	15	78	150	150
11/2/2021	16	76	150	150
11/2/2021	17	73	150	150
11/2/2021	18	76	150	150
11/2/2021	19	74	150	150
11/2/2021	20	71	150	150
11/2/2021	21	69	150	150
11/2/2021	22	65	150	150
11/2/2021	23	62	150	150
11/2/2021	24	58	150	150
11/3/2021	1	55	139	139
11/3/2021	2	54	140	139
11/3/2021	3	53	145	144
11/3/2021	4	51	130	129
11/3/2021	5	54	150	150
11/3/2021	6	56	150	150
11/3/2021	7	55	144	144
11/3/2021	8	60	150	150
11/3/2021	9	70	150	150

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/3/2021	10	74	150	150
11/3/2021	11	78	150	150
11/3/2021	12	78	150	150
11/3/2021	13	78	150	150
11/3/2021	14	80	150	150
11/3/2021	15	79	150	150
11/3/2021	16	77	150	150
11/3/2021	17	74	150	150
11/3/2021	18	75	150	150
11/3/2021	19	73	150	150
11/3/2021	20	70	150	150
11/3/2021	21	68	150	150
11/3/2021	22	65	150	150
11/3/2021	23	61	150	150
11/3/2021	24	58	150	150
11/4/2021	1	52	106	105
11/4/2021	2	51	99	98
11/4/2021	3	50	102	102
11/4/2021	4	50	104	104
11/4/2021	5	52	115	115
11/4/2021	6	54	115	115
11/4/2021	7	55	115	115
11/4/2021	8	60	150	149
11/4/2021	9	66	150	150
11/4/2021	10	72	150	150
11/4/2021	11	74	150	150
11/4/2021	12	75	150	150
11/4/2021	13	77	150	150
11/4/2021	14	79	150	150
11/4/2021	15	78	150	150
11/4/2021	16	75	150	150
11/4/2021	17	71	150	150
11/4/2021	18	74	150	150
11/4/2021	19	71	150	150
11/4/2021	20	69	149	142
11/4/2021	21	67	147	135
11/4/2021	22	63	138	135
11/4/2021	23	60	147	147
11/4/2021	24	57	135	135
11/5/2021	1	54	121	120
11/5/2021	2	52	109	108
11/5/2021	3	51	104	104
11/5/2021	4	50	104	104
11/5/2021	5	53	125	125
11/5/2021	6	56	125	125
11/5/2021	7	55	124	124
11/5/2021	8	60	150	150
11/5/2021	9	68	150	150
11/5/2021	10	72	150	150
11/5/2021	11	76	150	150
11/5/2021	12	76	150	150
11/5/2021	13	76	150	150
11/5/2021	14	80	150	150
11/5/2021	15	78	150	150
11/5/2021	16	76	150	150
11/5/2021	17	72	150	150
11/5/2021	18	74	150	150
11/5/2021	19	70	150	150
11/5/2021	20	68	150	150
11/5/2021	21	66	148	148
11/5/2021	22	62	150	150
11/5/2021	23	60	150	150
11/5/2021	24	56	147	146
11/6/2021	1	54	115	115
11/6/2021	2	53	115	115

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/6/2021	3	52	115	115
11/6/2021	4	50	115	115
11/6/2021	5	53	115	115
11/6/2021	6	54	115	115
11/6/2021	7	54	115	115
11/6/2021	8	55	115	115
11/6/2021	9	61	150	150
11/6/2021	10	65	150	150
11/6/2021	11	67	150	150
11/6/2021	12	68	150	150
11/6/2021	13	70	150	150
11/6/2021	14	72	150	150
11/6/2021	15	71	150	150
11/6/2021	16	68	150	150
11/6/2021	17	66	150	150
11/6/2021	18	73	150	150
11/6/2021	19	70	150	150
11/6/2021	20	67	150	150
11/6/2021	21	66	150	150
11/6/2021	22	63	150	150
11/6/2021	23	59	122	122
11/6/2021	24	56	115	115
11/7/2021	1	53	117	117
11/7/2021	2	51	115	115
11/7/2021	3	49	115	115
11/7/2021	4	49	115	115
11/7/2021	5	50	115	115
11/7/2021	6	52	116	116
11/7/2021	7	51	115	115
11/7/2021	8	51	115	115
11/7/2021	9	52	115	115
11/7/2021	10	55	115	115
11/7/2021	11	58	128	115
11/7/2021	12	59	148	115
11/7/2021	13	59	149	115
11/7/2021	14	58	127	125
11/7/2021	15	57	125	125
11/7/2021	16	57	140	125
11/7/2021	17	59	149	125
11/7/2021	18	66	150	150
11/7/2021	19	63	149	119
11/7/2021	20	63	149	120
11/7/2021	21	62	149	119
11/7/2021	22	60	149	115
11/7/2021	23	56	115	115
11/7/2021	24	52	115	115
11/8/2021	1	53	115	115
11/8/2021	2	52	115	115
11/8/2021	3	51	115	115
11/8/2021	4	50	115	115
11/8/2021	5	52	115	115
11/8/2021	6	54	115	115
11/8/2021	7	54	115	115
11/8/2021	8	60	150	150
11/8/2021	9	68	150	150
11/8/2021	10	73	150	150
11/8/2021	11	78	150	150
11/8/2021	12	78	150	150
11/8/2021	13	79	150	150
11/8/2021	14	80	150	150
11/8/2021	15	79	150	150
11/8/2021	16	76	150	150
11/8/2021	17	74	150	150
11/8/2021	18	76	150	150
11/8/2021	19	74	150	150

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/8/2021	20	70	150	150
11/8/2021	21	67	149	142
11/8/2021	22	63	149	142
11/8/2021	23	60	142	142
11/8/2021	24	58	142	142
11/9/2021	1	53	115	115
11/9/2021	2	52	115	115
11/9/2021	3	51	115	115
11/9/2021	4	50	115	115
11/9/2021	5	52	122	122
11/9/2021	6	54	122	122
11/9/2021	7	54	122	122
11/9/2021	8	59	131	130
11/9/2021	9	66	150	150
11/9/2021	10	72	150	150
11/9/2021	11	75	150	150
11/9/2021	12	76	150	150
11/9/2021	13	78	150	150
11/9/2021	14	80	150	150
11/9/2021	15	78	150	150
11/9/2021	16	74	150	150
11/9/2021	17	72	150	150
11/9/2021	18	74	150	150
11/9/2021	19	71	147	141
11/9/2021	20	69	147	139
11/9/2021	21	67	143	140
11/9/2021	22	63	136	130
11/9/2021	23	60	130	130
11/9/2021	24	57	115	115
11/10/2021	1	55	115	115
11/10/2021	2	54	115	115
11/10/2021	3	52	115	115
11/10/2021	4	51	115	115
11/10/2021	5	54	123	122
11/10/2021	6	56	123	122
11/10/2021	7	56	123	122
11/10/2021	8	61	150	150
11/10/2021	9	70	150	150
11/10/2021	10	74	150	150
11/10/2021	11	78	150	150
11/10/2021	12	79	150	150
11/10/2021	13	79	150	150
11/10/2021	14	81	150	150
11/10/2021	15	79	150	150
11/10/2021	16	77	150	150
11/10/2021	17	74	150	150
11/10/2021	18	74	150	150
11/10/2021	19	71	147	147
11/10/2021	20	69	145	134
11/10/2021	21	68	143	134
11/10/2021	22	64	136	134
11/10/2021	23	61	134	133
11/10/2021	24	57	115	115
11/11/2021	1	53	115	115
11/11/2021	2	52	115	115
11/11/2021	3	51	110	109
11/11/2021	4	50	107	107
11/11/2021	5	52	115	115
11/11/2021	6	56	121	120
11/11/2021	7	55	121	120
11/11/2021	8	61	150	150
11/11/2021	9	68	150	150
11/11/2021	10	74	150	150
11/11/2021	11	77	150	150
11/11/2021	12	77	150	150

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/11/2021	13	78	150	150
11/11/2021	14	80	150	150
11/11/2021	15	78	150	150
11/11/2021	16	77	150	150
11/11/2021	17	72	150	150
11/11/2021	18	76	150	150
11/11/2021	19	72	144	141
11/11/2021	20	70	144	141
11/11/2021	21	68	142	141
11/11/2021	22	64	137	124
11/11/2021	23	61	118	117
11/11/2021	24	58	115	115
11/12/2021	1	56	115	115
11/12/2021	2	54	115	115
11/12/2021	3	52	115	115
11/12/2021	4	51	115	115
11/12/2021	5	54	140	139
11/12/2021	6	56	140	139
11/12/2021	7	55	139	139
11/12/2021	8	61	149	148
11/12/2021	9	68	150	150
11/12/2021	10	73	150	150
11/12/2021	11	75	150	150
11/12/2021	12	77	150	150
11/12/2021	13	79	150	150
11/12/2021	14	80	150	150
11/12/2021	15	78	150	150
11/12/2021	16	77	150	150
11/12/2021	17	72	150	150
11/12/2021	18	75	150	150
11/12/2021	19	73	150	150
11/12/2021	20	70	149	148
11/12/2021	21	66	146	118
11/12/2021	22	61	138	115
11/12/2021	23	59	115	115
11/12/2021	24	58	115	115
11/13/2021	1	54	125	125
11/13/2021	2	52	120	120
11/13/2021	3	51	120	119
11/13/2021	4	50	114	113
11/13/2021	5	52	125	125
11/13/2021	6	54	125	125
11/13/2021	7	53	125	125
11/13/2021	8	55	122	122
11/13/2021	9	60	140	140
11/13/2021	10	65	150	150
11/13/2021	11	68	150	150
11/13/2021	12	67	150	150
11/13/2021	13	68	150	150
11/13/2021	14	70	150	150
11/13/2021	15	70	150	150
11/13/2021	16	68	150	150
11/13/2021	17	66	150	150
11/13/2021	18	73	150	150
11/13/2021	19	69	150	150
11/13/2021	20	70	150	150
11/13/2021	21	68	150	150
11/13/2021	22	64	150	150
11/13/2021	23	61	150	150
11/13/2021	24	58	150	150
11/14/2021	1	55	115	115
11/14/2021	2	53	115	115
11/14/2021	3	52	115	115
11/14/2021	4	51	115	115
11/14/2021	5	51	115	115

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/14/2021	6	53	115	115
11/14/2021	7	52	115	115
11/14/2021	8	52	107	107
11/14/2021	9	53	105	105
11/14/2021	10	56	122	115
11/14/2021	11	60	149	115
11/14/2021	12	62	149	115
11/14/2021	13	62	149	115
11/14/2021	14	63	149	115
11/14/2021	15	63	149	115
11/14/2021	16	61	149	115
11/14/2021	17	61	149	115
11/14/2021	18	68	150	150
11/14/2021	19	67	150	150
11/14/2021	20	66	149	130
11/14/2021	21	64	149	119
11/14/2021	22	62	149	119
11/14/2021	23	58	115	115
11/14/2021	24	55	115	115
11/15/2021	1	54	125	125
11/15/2021	2	53	125	125
11/15/2021	3	51	121	120
11/15/2021	4	50	112	112
11/15/2021	5	52	125	125
11/15/2021	6	56	150	150
11/15/2021	7	56	150	150
11/15/2021	8	61	150	150
11/15/2021	9	69	150	150
11/15/2021	10	75	150	150
11/15/2021	11	78	150	150
11/15/2021	12	78	150	150
11/15/2021	13	79	150	150
11/15/2021	14	81	150	150
11/15/2021	15	80	150	150
11/15/2021	16	78	150	150
11/15/2021	17	74	150	150
11/15/2021	18	77	150	150
11/15/2021	19	72	150	150
11/15/2021	20	71	150	150
11/15/2021	21	69	150	150
11/15/2021	22	65	150	150
11/15/2021	23	62	150	150
11/15/2021	24	59	150	150
11/16/2021	1	55	125	125
11/16/2021	2	55	125	125
11/16/2021	3	53	125	125
11/16/2021	4	51	119	118
11/16/2021	5	54	127	126
11/16/2021	6	56	129	128
11/16/2021	7	56	135	135
11/16/2021	8	60	150	150
11/16/2021	9	68	150	150
11/16/2021	10	72	150	150
11/16/2021	11	76	150	150
11/16/2021	12	76	150	150
11/16/2021	13	77	150	150
11/16/2021	14	80	150	150
11/16/2021	15	77	150	150
11/16/2021	16	74	150	150
11/16/2021	17	71	150	150
11/16/2021	18	74	150	150
11/16/2021	19	71	146	146
11/16/2021	20	69	150	149
11/16/2021	21	67	138	138
11/16/2021	22	63	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/16/2021	23	60	125	125
11/16/2021	24	57	125	125
11/17/2021	1	53	125	125
11/17/2021	2	52	125	125
11/17/2021	3	51	122	121
11/17/2021	4	50	122	122
11/17/2021	5	53	126	126
11/17/2021	6	56	137	137
11/17/2021	7	56	137	137
11/17/2021	8	60	146	146
11/17/2021	9	68	146	146
11/17/2021	10	72	149	146
11/17/2021	11	76	149	146
11/17/2021	12	75	149	146
11/17/2021	13	76	149	146
11/17/2021	14	79	150	150
11/17/2021	15	78	150	150
11/17/2021	16	76	150	150
11/17/2021	17	72	149	146
11/17/2021	18	75	149	147
11/17/2021	19	72	149	146
11/17/2021	20	70	149	146
11/17/2021	21	68	149	146
11/17/2021	22	64	149	146
11/17/2021	23	61	146	146
11/17/2021	24	57	146	146
11/18/2021	1	54	127	126
11/18/2021	2	54	126	126
11/18/2021	3	52	123	123
11/18/2021	4	51	120	119
11/18/2021	5	54	137	136
11/18/2021	6	57	146	146
11/18/2021	7	56	146	146
11/18/2021	8	60	146	146
11/18/2021	9	68	146	146
11/18/2021	10	73	146	146
11/18/2021	11	78	147	146
11/18/2021	12	78	149	146
11/18/2021	13	78	149	146
11/18/2021	14	80	149	146
11/18/2021	15	79	149	146
11/18/2021	16	76	149	146
11/18/2021	17	73	149	146
11/18/2021	18	75	149	146
11/18/2021	19	72	149	146
11/18/2021	20	71	146	146
11/18/2021	21	69	146	146
11/18/2021	22	64	146	146
11/18/2021	23	61	146	146
11/18/2021	24	58	146	146
11/19/2021	1	55	129	129
11/19/2021	2	53	115	115
11/19/2021	3	52	112	112
11/19/2021	4	52	112	112
11/19/2021	5	54	125	124
11/19/2021	6	56	135	135
11/19/2021	7	56	141	140
11/19/2021	8	60	146	146
11/19/2021	9	68	146	146
11/19/2021	10	73	146	146
11/19/2021	11	78	149	146
11/19/2021	12	79	149	146
11/19/2021	13	79	149	146
11/19/2021	14	80	149	146
11/19/2021	15	79	149	146

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/19/2021	16	76	149	146
11/19/2021	17	72	147	146
11/19/2021	18	75	146	146
11/19/2021	19	73	148	146
11/19/2021	20	70	146	146
11/19/2021	21	68	146	146
11/19/2021	22	64	146	146
11/19/2021	23	60	146	146
11/19/2021	24	57	146	146
11/20/2021	1	54	148	148
11/20/2021	2	52	137	136
11/20/2021	3	51	137	136
11/20/2021	4	50	132	131
11/20/2021	5	53	143	143
11/20/2021	6	55	150	150
11/20/2021	7	53	143	143
11/20/2021	8	56	150	150
11/20/2021	9	62	150	150
11/20/2021	10	66	150	150
11/20/2021	11	68	150	150
11/20/2021	12	70	150	150
11/20/2021	13	70	150	150
11/20/2021	14	71	150	150
11/20/2021	15	71	150	150
11/20/2021	16	68	150	150
11/20/2021	17	66	150	150
11/20/2021	18	72	150	150
11/20/2021	19	70	150	150
11/20/2021	20	69	150	150
11/20/2021	21	66	150	150
11/20/2021	22	62	150	150
11/20/2021	23	60	150	150
11/20/2021	24	57	150	150
11/21/2021	1	54	125	125
11/21/2021	2	52	125	125
11/21/2021	3	51	125	125
11/21/2021	4	50	115	115
11/21/2021	5	49	112	112
11/21/2021	6	51	115	115
11/21/2021	7	51	115	115
11/21/2021	8	50	103	102
11/21/2021	9	52	103	102
11/21/2021	10	55	127	126
11/21/2021	11	58	146	146
11/21/2021	12	59	146	146
11/21/2021	13	60	149	146
11/21/2021	14	61	149	146
11/21/2021	15	60	149	146
11/21/2021	16	59	148	146
11/21/2021	17	60	149	146
11/21/2021	18	68	149	146
11/21/2021	19	66	149	146
11/21/2021	20	66	149	146
11/21/2021	21	64	149	146
11/21/2021	22	62	146	146
11/21/2021	23	58	146	146
11/21/2021	24	54	146	146
11/22/2021	1	54	134	133
11/22/2021	2	52	134	133
11/22/2021	3	51	121	121
11/22/2021	4	50	121	121
11/22/2021	5	52	134	133
11/22/2021	6	54	134	133
11/22/2021	7	55	134	133
11/22/2021	8	60	150	150

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/22/2021	9	69	150	150
11/22/2021	10	74	150	150
11/22/2021	11	78	150	150
11/22/2021	12	77	150	150
11/22/2021	13	78	150	150
11/22/2021	14	80	150	150
11/22/2021	15	79	150	150
11/22/2021	16	77	150	150
11/22/2021	17	74	150	150
11/22/2021	18	74	150	150
11/22/2021	19	72	150	150
11/22/2021	20	69	150	150
11/22/2021	21	65	150	150
11/22/2021	22	62	141	140
11/22/2021	23	60	150	150
11/22/2021	24	56	150	150
11/23/2021	1	55	125	125
11/23/2021	2	54	132	131
11/23/2021	3	54	134	134
11/23/2021	4	52	125	125
11/23/2021	5	53	131	131
11/23/2021	6	56	142	142
11/23/2021	7	55	134	134
11/23/2021	8	60	148	147
11/23/2021	9	68	150	150
11/23/2021	10	73	150	150
11/23/2021	11	77	150	150
11/23/2021	12	78	150	150
11/23/2021	13	78	150	150
11/23/2021	14	80	150	150
11/23/2021	15	79	150	150
11/23/2021	16	77	150	150
11/23/2021	17	72	150	150
11/23/2021	18	75	150	150
11/23/2021	19	73	150	150
11/23/2021	20	70	150	150
11/23/2021	21	68	150	150
11/23/2021	22	64	138	125
11/23/2021	23	60	126	126
11/23/2021	24	58	125	125
11/24/2021	1	54	115	115
11/24/2021	2	52	115	115
11/24/2021	3	51	115	115
11/24/2021	4	50	108	107
11/24/2021	5	52	115	115
11/24/2021	6	55	118	117
11/24/2021	7	55	118	117
11/24/2021	8	60	150	150
11/24/2021	9	69	150	150
11/24/2021	10	73	150	150
11/24/2021	11	76	150	150
11/24/2021	12	76	150	150
11/24/2021	13	77	150	150
11/24/2021	14	80	150	150
11/24/2021	15	79	150	150
11/24/2021	16	77	150	150
11/24/2021	17	73	150	150
11/24/2021	18	76	150	150
11/24/2021	19	72	150	150
11/24/2021	20	70	150	150
11/24/2021	21	68	140	140
11/24/2021	22	64	139	139
11/24/2021	23	60	139	139
11/24/2021	24	58	131	130
11/25/2021	1	55	115	115

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/25/2021	2	53	115	115
11/25/2021	3	52	115	115
11/25/2021	4	51	115	115
11/25/2021	5	54	140	139
11/25/2021	6	57	140	139
11/25/2021	7	56	140	139
11/25/2021	8	60	150	150
11/25/2021	9	68	150	150
11/25/2021	10	74	150	150
11/25/2021	11	77	150	150
11/25/2021	12	76	150	150
11/25/2021	13	78	150	150
11/25/2021	14	80	150	150
11/25/2021	15	79	150	150
11/25/2021	16	76	150	150
11/25/2021	17	73	150	150
11/25/2021	18	77	150	150
11/25/2021	19	73	150	150
11/25/2021	20	71	150	150
11/25/2021	21	68	149	137
11/25/2021	22	65	146	137
11/25/2021	23	61	137	137
11/25/2021	24	58	115	115
11/26/2021	1	56	135	135
11/26/2021	2	54	125	125
11/26/2021	3	52	123	122
11/26/2021	4	52	118	117
11/26/2021	5	54	135	135
11/26/2021	6	57	135	135
11/26/2021	7	56	135	135
11/26/2021	8	61	150	150
11/26/2021	9	70	150	150
11/26/2021	10	73	150	150
11/26/2021	11	78	150	150
11/26/2021	12	77	150	150
11/26/2021	13	77	150	150
11/26/2021	14	80	150	150
11/26/2021	15	78	150	150
11/26/2021	16	77	150	150
11/26/2021	17	73	150	150
11/26/2021	18	77	150	150
11/26/2021	19	73	150	150
11/26/2021	20	71	150	150
11/26/2021	21	69	150	150
11/26/2021	22	65	150	150
11/26/2021	23	61	150	150
11/26/2021	24	58	150	150
11/27/2021	1	55	115	115
11/27/2021	2	53	115	115
11/27/2021	3	52	115	115
11/27/2021	4	51	115	115
11/27/2021	5	53	115	115
11/27/2021	6	54	115	115
11/27/2021	7	54	115	115
11/27/2021	8	56	115	115
11/27/2021	9	61	145	140
11/27/2021	10	66	150	150
11/27/2021	11	68	150	150
11/27/2021	12	69	150	150
11/27/2021	13	70	150	150
11/27/2021	14	72	150	150
11/27/2021	15	71	150	150
11/27/2021	16	69	150	150
11/27/2021	17	67	150	150
11/27/2021	18	73	150	150

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/27/2021	19	70	150	150
11/27/2021	20	69	150	150
11/27/2021	21	67	150	150
11/27/2021	22	64	150	150
11/27/2021	23	61	142	142
11/27/2021	24	57	140	140
11/28/2021	1	54	125	125
11/28/2021	2	52	124	124
11/28/2021	3	51	115	115
11/28/2021	4	50	112	112
11/28/2021	5	51	115	115
11/28/2021	6	53	125	125
11/28/2021	7	52	119	118
11/28/2021	8	51	112	112
11/28/2021	9	54	120	119
11/28/2021	10	58	125	125
11/28/2021	11	61	125	125
11/28/2021	12	62	144	125
11/28/2021	13	62	145	125
11/28/2021	14	63	148	125
11/28/2021	15	63	146	125
11/28/2021	16	61	145	125
11/28/2021	17	61	145	125
11/28/2021	18	70	150	150
11/28/2021	19	67	150	150
11/28/2021	20	67	150	150
11/28/2021	21	65	150	150
11/28/2021	22	62	142	125
11/28/2021	23	59	136	125
11/28/2021	24	56	125	125
11/29/2021	1	54	115	115
11/29/2021	2	52	115	115
11/29/2021	3	51	115	115
11/29/2021	4	50	113	113
11/29/2021	5	53	115	115
11/29/2021	6	55	115	115
11/29/2021	7	55	115	115
11/29/2021	8	60	150	150
11/29/2021	9	70	150	150
11/29/2021	10	74	150	150
11/29/2021	11	77	150	150
11/29/2021	12	76	150	150
11/29/2021	13	78	150	150
11/29/2021	14	80	150	150
11/29/2021	15	80	150	150
11/29/2021	16	78	150	150
11/29/2021	17	75	150	150
11/29/2021	18	76	150	150
11/29/2021	19	74	150	150
11/29/2021	20	71	150	150
11/29/2021	21	69	150	150
11/29/2021	22	64	150	150
11/29/2021	23	59	137	137
11/29/2021	24	58	150	150
11/30/2021	1	54	135	135
11/30/2021	2	53	135	134
11/30/2021	3	51	124	123
11/30/2021	4	51	123	123
11/30/2021	5	52	135	135
11/30/2021	6	56	141	140
11/30/2021	7	55	135	135
11/30/2021	8	60	150	150
11/30/2021	9	66	150	150
11/30/2021	10	69	150	150
11/30/2021	11	70	150	150

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/30/2021	12	71	150	150
11/30/2021	13	71	150	150
11/30/2021	14	74	150	150
11/30/2021	15	72	150	150
11/30/2021	16	71	150	150
11/30/2021	17	69	150	150
11/30/2021	18	72	150	150
11/30/2021	19	69	150	150
11/30/2021	20	68	150	150
11/30/2021	21	66	150	150
11/30/2021	22	62	137	136
11/30/2021	23	59	135	135
11/30/2021	24	56	135	135
12/1/2021	1	54	115	115
12/1/2021	2	52	111	111
12/1/2021	3	51	110	109
12/1/2021	4	50	110	110
12/1/2021	5	52	111	111
12/1/2021	6	55	115	115
12/1/2021	7	55	115	115
12/1/2021	8	60	120	120
12/1/2021	9	67	150	150
12/1/2021	10	71	150	150
12/1/2021	11	74	150	150
12/1/2021	12	73	150	150
12/1/2021	13	74	150	150
12/1/2021	14	78	150	150
12/1/2021	15	76	150	150
12/1/2021	16	74	150	150
12/1/2021	17	72	150	150
12/1/2021	18	72	150	150
12/1/2021	19	70	147	146
12/1/2021	20	70	147	146
12/1/2021	21	66	130	130
12/1/2021	22	63	130	130
12/1/2021	23	60	115	115
12/1/2021	24	57	115	115
12/2/2021	1	54	115	115
12/2/2021	2	52	115	115
12/2/2021	3	51	115	115
12/2/2021	4	50	115	115
12/2/2021	5	53	130	130
12/2/2021	6	56	130	130
12/2/2021	7	55	130	130
12/2/2021	8	59	130	130
12/2/2021	9	66	150	150
12/2/2021	10	71	150	150
12/2/2021	11	74	150	150
12/2/2021	12	74	150	150
12/2/2021	13	74	150	150
12/2/2021	14	78	150	150
12/2/2021	15	76	150	150
12/2/2021	16	74	150	150
12/2/2021	17	72	150	150
12/2/2021	18	75	150	150
12/2/2021	19	73	150	150
12/2/2021	20	71	150	150
12/2/2021	21	66	147	123
12/2/2021	22	62	141	120
12/2/2021	23	59	135	120
12/2/2021	24	57	115	115
12/3/2021	1	55	115	115
12/3/2021	2	52	115	115
12/3/2021	3	50	115	115
12/3/2021	4	50	115	115

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/3/2021	5	53	124	124
12/3/2021	6	55	124	124
12/3/2021	7	55	124	124
12/3/2021	8	59	149	149
12/3/2021	9	67	150	150
12/3/2021	10	71	150	150
12/3/2021	11	75	150	150
12/3/2021	12	76	150	150
12/3/2021	13	76	150	150
12/3/2021	14	79	150	150
12/3/2021	15	78	150	150
12/3/2021	16	75	150	150
12/3/2021	17	72	150	150
12/3/2021	18	75	150	150
12/3/2021	19	72	150	150
12/3/2021	20	70	150	150
12/3/2021	21	67	142	139
12/3/2021	22	64	136	132
12/3/2021	23	60	132	126
12/3/2021	24	57	115	115
12/4/2021	1	54	115	115
12/4/2021	2	52	115	115
12/4/2021	3	51	115	115
12/4/2021	4	50	115	115
12/4/2021	5	52	115	115
12/4/2021	6	54	115	115
12/4/2021	7	53	115	115
12/4/2021	8	56	115	115
12/4/2021	9	61	142	115
12/4/2021	10	65	145	125
12/4/2021	11	69	149	126
12/4/2021	12	69	149	125
12/4/2021	13	69	149	125
12/4/2021	14	71	149	141
12/4/2021	15	70	149	135
12/4/2021	16	68	149	135
12/4/2021	17	66	148	135
12/4/2021	18	72	150	150
12/4/2021	19	70	150	150
12/4/2021	20	68	150	150
12/4/2021	21	66	150	150
12/4/2021	22	63	136	115
12/4/2021	23	60	132	115
12/4/2021	24	56	115	115
12/5/2021	1	53	115	115
12/5/2021	2	52	115	115
12/5/2021	3	51	114	114
12/5/2021	4	50	112	112
12/5/2021	5	51	112	112
12/5/2021	6	52	115	115
12/5/2021	7	51	105	105
12/5/2021	8	50	105	105
12/5/2021	9	51	105	105
12/5/2021	10	55	112	112
12/5/2021	11	56	112	112
12/5/2021	12	57	112	112
12/5/2021	13	58	112	112
12/5/2021	14	59	112	112
12/5/2021	15	59	112	112
12/5/2021	16	59	114	113
12/5/2021	17	60	115	115
12/5/2021	18	68	150	150
12/5/2021	19	66	121	121
12/5/2021	20	65	120	120
12/5/2021	21	64	118	118

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/5/2021	22	61	115	115
12/5/2021	23	57	115	115
12/5/2021	24	54	115	115
12/6/2021	1	52	115	115
12/6/2021	2	51	109	109
12/6/2021	3	50	105	105
12/6/2021	4	50	105	105
12/6/2021	5	51	105	105
12/6/2021	6	55	125	125
12/6/2021	7	54	125	125
12/6/2021	8	58	125	125
12/6/2021	9	67	150	150
12/6/2021	10	71	150	150
12/6/2021	11	74	150	150
12/6/2021	12	74	150	150
12/6/2021	13	74	150	150
12/6/2021	14	79	150	150
12/6/2021	15	78	150	150
12/6/2021	16	76	150	150
12/6/2021	17	73	150	150
12/6/2021	18	76	150	150
12/6/2021	19	74	150	150
12/6/2021	20	71	150	150
12/6/2021	21	68	150	150
12/6/2021	22	64	135	135
12/6/2021	23	60	135	135
12/6/2021	24	59	135	135
12/7/2021	1	52	115	115
12/7/2021	2	52	115	115
12/7/2021	3	51	115	115
12/7/2021	4	50	111	110
12/7/2021	5	53	115	115
12/7/2021	6	55	116	116
12/7/2021	7	55	115	115
12/7/2021	8	59	146	146
12/7/2021	9	68	146	146
12/7/2021	10	72	146	146
12/7/2021	11	75	149	146
12/7/2021	12	74	149	146
12/7/2021	13	76	149	146
12/7/2021	14	78	149	146
12/7/2021	15	78	149	146
12/7/2021	16	74	149	146
12/7/2021	17	72	148	146
12/7/2021	18	74	146	146
12/7/2021	19	72	149	146
12/7/2021	20	70	149	146
12/7/2021	21	67	148	146
12/7/2021	22	62	146	146
12/7/2021	23	59	146	146
12/7/2021	24	57	146	146
12/8/2021	1	54	135	135
12/8/2021	2	52	135	135
12/8/2021	3	50	124	123
12/8/2021	4	50	125	124
12/8/2021	5	52	135	135
12/8/2021	6	55	135	135
12/8/2021	7	54	135	135
12/8/2021	8	56	135	135
12/8/2021	9	60	135	135
12/8/2021	10	65	140	140
12/8/2021	11	67	142	140
12/8/2021	12	68	142	140
12/8/2021	13	69	142	140
12/8/2021	14	72	146	146

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/8/2021	15	69	146	146
12/8/2021	16	68	146	146
12/8/2021	17	68	146	146
12/8/2021	18	72	146	146
12/8/2021	19	69	146	146
12/8/2021	20	68	146	146
12/8/2021	21	66	146	146
12/8/2021	22	62	134	125
12/8/2021	23	58	131	125
12/8/2021	24	55	125	125
12/9/2021	1	54	119	119
12/9/2021	2	52	119	119
12/9/2021	3	51	119	119
12/9/2021	4	50	119	119
12/9/2021	5	54	119	119
12/9/2021	6	56	137	137
12/9/2021	7	55	137	137
12/9/2021	8	60	137	137
12/9/2021	9	67	150	150
12/9/2021	10	71	150	150
12/9/2021	11	74	150	150
12/9/2021	12	73	150	150
12/9/2021	13	74	150	150
12/9/2021	14	78	150	150
12/9/2021	15	75	150	150
12/9/2021	16	72	150	150
12/9/2021	17	71	150	150
12/9/2021	18	74	150	150
12/9/2021	19	71	150	150
12/9/2021	20	69	150	150
12/9/2021	21	66	150	150
12/9/2021	22	63	150	150
12/9/2021	23	60	150	150
12/9/2021	24	56	150	150
12/10/2021	1	55	135	135
12/10/2021	2	54	135	135
12/10/2021	3	52	135	135
12/10/2021	4	52	135	135
12/10/2021	5	53	150	150
12/10/2021	6	56	150	150
12/10/2021	7	55	148	147
12/10/2021	8	60	150	150
12/10/2021	9	67	150	150
12/10/2021	10	71	150	150
12/10/2021	11	74	150	150
12/10/2021	12	74	150	150
12/10/2021	13	73	150	150
12/10/2021	14	78	150	150
12/10/2021	15	75	150	150
12/10/2021	16	74	150	150
12/10/2021	17	71	150	150
12/10/2021	18	73	150	150
12/10/2021	19	70	150	150
12/10/2021	20	68	150	150
12/10/2021	21	66	150	150
12/10/2021	22	62	135	125
12/10/2021	23	58	132	125
12/10/2021	24	56	125	125
12/11/2021	1	51	105	105
12/11/2021	2	49	105	105
12/11/2021	3	48	105	105
12/11/2021	4	48	105	105
12/11/2021	5	50	115	115
12/11/2021	6	53	115	115
12/11/2021	7	52	115	115

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/11/2021	8	55	115	115
12/11/2021	9	60	142	115
12/11/2021	10	65	144	130
12/11/2021	11	67	148	141
12/11/2021	12	66	149	141
12/11/2021	13	67	149	141
12/11/2021	14	69	150	150
12/11/2021	15	68	150	150
12/11/2021	16	68	150	150
12/11/2021	17	67	150	150
12/11/2021	18	74	150	150
12/11/2021	19	70	150	150
12/11/2021	20	67	149	141
12/11/2021	21	66	149	137
12/11/2021	22	62	135	128
12/11/2021	23	59	132	128
12/11/2021	24	56	128	127
12/12/2021	1	53	115	115
12/12/2021	2	51	112	111
12/12/2021	3	50	105	105
12/12/2021	4	49	105	105
12/12/2021	5	51	105	105
12/12/2021	6	52	109	109
12/12/2021	7	50	105	105
12/12/2021	8	51	105	105
12/12/2021	9	52	108	108
12/12/2021	10	54	115	115
12/12/2021	11	57	115	115
12/12/2021	12	56	115	115
12/12/2021	13	57	121	115
12/12/2021	14	57	125	125
12/12/2021	15	58	125	125
12/12/2021	16	56	125	125
12/12/2021	17	59	125	125
12/12/2021	18	69	144	141
12/12/2021	19	65	145	140
12/12/2021	20	64	145	140
12/12/2021	21	61	140	140
12/12/2021	22	60	134	115
12/12/2021	23	56	126	115
12/12/2021	24	52	105	105
12/13/2021	1	52	108	107
12/13/2021	2	52	115	115
12/13/2021	3	51	115	115
12/13/2021	4	50	115	115
12/13/2021	5	52	115	115
12/13/2021	6	54	115	115
12/13/2021	7	54	115	115
12/13/2021	8	58	115	115
12/13/2021	9	67	148	148
12/13/2021	10	71	150	150
12/13/2021	11	74	150	150
12/13/2021	12	73	150	150
12/13/2021	13	74	150	150
12/13/2021	14	78	150	150
12/13/2021	15	76	150	150
12/13/2021	16	75	150	150
12/13/2021	17	72	150	150
12/13/2021	18	76	150	150
12/13/2021	19	73	150	150
12/13/2021	20	70	147	131
12/13/2021	21	68	147	118
12/13/2021	22	63	138	115
12/13/2021	23	59	134	115
12/13/2021	24	57	115	115

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/14/2021	1	54	125	125
12/14/2021	2	52	125	125
12/14/2021	3	51	123	123
12/14/2021	4	50	125	125
12/14/2021	5	53	150	150
12/14/2021	6	56	150	150
12/14/2021	7	55	150	149
12/14/2021	8	59	150	150
12/14/2021	9	67	150	150
12/14/2021	10	72	150	150
12/14/2021	11	75	150	150
12/14/2021	12	74	150	150
12/14/2021	13	74	150	150
12/14/2021	14	78	150	150
12/14/2021	15	75	150	150
12/14/2021	16	74	150	150
12/14/2021	17	73	150	150
12/14/2021	18	75	150	150
12/14/2021	19	72	150	150
12/14/2021	20	70	150	150
12/14/2021	21	67	150	150
12/14/2021	22	63	135	135
12/14/2021	23	60	135	135
12/14/2021	24	57	135	135
12/15/2021	1	52	135	135
12/15/2021	2	51	135	135
12/15/2021	3	49	131	131
12/15/2021	4	50	135	135
12/15/2021	5	52	150	150
12/15/2021	6	54	150	150
12/15/2021	7	54	150	150
12/15/2021	8	60	150	150
12/15/2021	9	68	150	150
12/15/2021	10	72	150	150
12/15/2021	11	74	150	150
12/15/2021	12	74	150	150
12/15/2021	13	73	150	150
12/15/2021	14	77	150	150
12/15/2021	15	75	150	150
12/15/2021	16	73	150	150
12/15/2021	17	73	150	150
12/15/2021	18	75	150	150
12/15/2021	19	73	150	150
12/15/2021	20	71	150	150
12/15/2021	21	68	150	150
12/15/2021	22	64	150	150
12/15/2021	23	61	150	150
12/15/2021	24	57	150	150
12/16/2021	1	54	140	140
12/16/2021	2	53	140	140
12/16/2021	3	51	140	139
12/16/2021	4	50	140	140
12/16/2021	5	52	140	140
12/16/2021	6	55	150	150
12/16/2021	7	54	150	150
12/16/2021	8	57	149	149
12/16/2021	9	65	150	150
12/16/2021	10	67	150	150
12/16/2021	11	69	150	150
12/16/2021	12	68	150	150
12/16/2021	13	68	150	150
12/16/2021	14	70	150	150
12/16/2021	15	69	150	150
12/16/2021	16	69	150	150
12/16/2021	17	67	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/16/2021	18	71	150	150
12/16/2021	19	70	150	150
12/16/2021	20	68	150	150
12/16/2021	21	65	150	150
12/16/2021	22	61	133	125
12/16/2021	23	57	131	125
12/16/2021	24	55	120	119
12/17/2021	1	54	135	135
12/17/2021	2	53	135	135
12/17/2021	3	51	126	126
12/17/2021	4	50	135	135
12/17/2021	5	52	135	135
12/17/2021	6	55	150	150
12/17/2021	7	54	150	150
12/17/2021	8	59	150	150
12/17/2021	9	65	150	150
12/17/2021	10	70	150	150
12/17/2021	11	72	150	150
12/17/2021	12	72	150	150
12/17/2021	13	72	150	150
12/17/2021	14	74	150	150
12/17/2021	15	73	150	150
12/17/2021	16	72	150	150
12/17/2021	17	70	150	150
12/17/2021	18	72	150	150
12/17/2021	19	70	150	150
12/17/2021	20	68	150	150
12/17/2021	21	66	150	150
12/17/2021	22	60	133	115
12/17/2021	23	58	131	115
12/17/2021	24	54	113	112
12/18/2021	1	54	115	115
12/18/2021	2	52	115	115
12/18/2021	3	51	115	115
12/18/2021	4	50	115	115
12/18/2021	5	52	115	115
12/18/2021	6	54	115	115
12/18/2021	7	53	115	115
12/18/2021	8	57	115	115
12/18/2021	9	61	135	115
12/18/2021	10	66	143	142
12/18/2021	11	69	150	150
12/18/2021	12	69	150	150
12/18/2021	13	70	150	150
12/18/2021	14	73	150	150
12/18/2021	15	72	150	150
12/18/2021	16	70	150	150
12/18/2021	17	68	150	150
12/18/2021	18	74	150	150
12/18/2021	19	71	150	150
12/18/2021	20	69	150	150
12/18/2021	21	67	150	150
12/18/2021	22	63	150	150
12/18/2021	23	58	145	144
12/18/2021	24	57	145	144
12/19/2021	1	53	145	145
12/19/2021	2	52	145	144
12/19/2021	3	50	138	137
12/19/2021	4	49	131	130
12/19/2021	5	50	116	115
12/19/2021	6	51	116	115
12/19/2021	7	51	116	115
12/19/2021	8	52	116	115
12/19/2021	9	54	115	115
12/19/2021	10	56	115	115

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/19/2021	11	58	128	115
12/19/2021	12	59	137	117
12/19/2021	13	60	140	128
12/19/2021	14	62	140	135
12/19/2021	15	61	140	138
12/19/2021	16	61	140	139
12/19/2021	17	61	140	139
12/19/2021	18	69	150	150
12/19/2021	19	67	150	150
12/19/2021	20	66	150	150
12/19/2021	21	64	150	150
12/19/2021	22	61	150	150
12/19/2021	23	58	150	150
12/19/2021	24	54	150	150
12/20/2021	1	52	125	125
12/20/2021	2	51	120	120
12/20/2021	3	50	115	115
12/20/2021	4	49	115	115
12/20/2021	5	50	115	115
12/20/2021	6	53	122	121
12/20/2021	7	53	121	121
12/20/2021	8	58	150	150
12/20/2021	9	67	150	150
12/20/2021	10	71	150	150
12/20/2021	11	76	150	150
12/20/2021	12	76	150	150
12/20/2021	13	76	150	150
12/20/2021	14	78	150	150
12/20/2021	15	78	150	150
12/20/2021	16	75	150	150
12/20/2021	17	72	150	150
12/20/2021	18	74	150	150
12/20/2021	19	73	150	150
12/20/2021	20	70	150	150
12/20/2021	21	69	150	150
12/20/2021	22	63	150	150
12/20/2021	23	60	150	150
12/20/2021	24	57	150	150
12/21/2021	1	57	132	132
12/21/2021	2	55	132	132
12/21/2021	3	53	132	132
12/21/2021	4	52	132	132
12/21/2021	5	55	150	150
12/21/2021	6	58	150	150
12/21/2021	7	57	150	150
12/21/2021	8	61	150	150
12/21/2021	9	70	150	150
12/21/2021	10	74	150	150
12/21/2021	11	78	150	150
12/21/2021	12	77	150	150
12/21/2021	13	76	150	150
12/21/2021	14	80	150	150
12/21/2021	15	79	150	150
12/21/2021	16	75	150	150
12/21/2021	17	74	150	150
12/21/2021	18	77	150	150
12/21/2021	19	73	150	150
12/21/2021	20	72	150	150
12/21/2021	21	69	150	150
12/21/2021	22	65	150	150
12/21/2021	23	61	150	150
12/21/2021	24	58	150	150
12/22/2021	1	53	120	120
12/22/2021	2	52	120	120
12/22/2021	3	52	120	120

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/22/2021	4	50	120	120
12/22/2021	5	52	135	135
12/22/2021	6	55	135	135
12/22/2021	7	54	133	132
12/22/2021	8	58	135	135
12/22/2021	9	66	150	135
12/22/2021	10	70	150	150
12/22/2021	11	74	150	150
12/22/2021	12	76	150	150
12/22/2021	13	77	150	150
12/22/2021	14	79	150	150
12/22/2021	15	76	150	150
12/22/2021	16	74	150	150
12/22/2021	17	71	150	150
12/22/2021	18	74	150	150
12/22/2021	19	71	150	150
12/22/2021	20	71	150	150
12/22/2021	21	68	150	150
12/22/2021	22	63	140	140
12/22/2021	23	60	140	140
12/22/2021	24	56	132	132
12/23/2021	1	55	140	140
12/23/2021	2	54	140	140
12/23/2021	3	52	140	140
12/23/2021	4	52	140	140
12/23/2021	5	53	150	150
12/23/2021	6	57	150	150
12/23/2021	7	54	144	144
12/23/2021	8	59	150	150
12/23/2021	9	66	150	150
12/23/2021	10	70	150	150
12/23/2021	11	74	150	150
12/23/2021	12	74	150	150
12/23/2021	13	75	150	150
12/23/2021	14	79	150	150
12/23/2021	15	76	150	150
12/23/2021	16	74	150	150
12/23/2021	17	72	150	150
12/23/2021	18	73	150	150
12/23/2021	19	70	150	150
12/23/2021	20	70	150	150
12/23/2021	21	68	150	150
12/23/2021	22	64	150	150
12/23/2021	23	60	145	144
12/23/2021	24	56	144	144
12/24/2021	1	55	135	135
12/24/2021	2	53	135	135
12/24/2021	3	51	135	134
12/24/2021	4	50	135	135
12/24/2021	5	50	135	135
12/24/2021	6	52	135	135
12/24/2021	7	55	135	135
12/24/2021	8	55	135	135
12/24/2021	9	58	135	135
12/24/2021	10	62	135	135
12/24/2021	11	68	150	150
12/24/2021	12	70	150	150
12/24/2021	13	72	150	150
12/24/2021	14	74	150	150
12/24/2021	15	73	150	150
12/24/2021	16	70	150	150
12/24/2021	17	68	150	150
12/24/2021	18	68	150	150
12/24/2021	19	71	150	150
12/24/2021	20	70	150	150

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/24/2021	21	68	150	150
12/24/2021	22	64	150	150
12/24/2021	23	60	150	150
12/24/2021	24	58	150	149
12/25/2021	1	53	115	115
12/25/2021	2	51	115	115
12/25/2021	3	50	115	115
12/25/2021	4	50	115	115
12/25/2021	5	52	115	115
12/25/2021	6	54	115	115
12/25/2021	7	53	115	115
12/25/2021	8	56	115	115
12/25/2021	9	60	127	115
12/25/2021	10	65	150	150
12/25/2021	11	68	150	150
12/25/2021	12	68	150	150
12/25/2021	13	68	150	150
12/25/2021	14	71	150	150
12/25/2021	15	70	150	150
12/25/2021	16	68	150	150
12/25/2021	17	66	150	150
12/25/2021	18	73	150	150
12/25/2021	19	70	150	150
12/25/2021	20	68	150	150
12/25/2021	21	66	150	150
12/25/2021	22	62	150	150
12/25/2021	23	59	150	150
12/25/2021	24	56	150	150
12/26/2021	1	53	115	115
12/26/2021	2	51	115	115
12/26/2021	3	50	115	115
12/26/2021	4	49	115	115
12/26/2021	5	50	115	115
12/26/2021	6	51	115	115
12/26/2021	7	50	115	115
12/26/2021	8	50	115	115
12/26/2021	9	52	112	111
12/26/2021	10	55	115	115
12/26/2021	11	57	125	125
12/26/2021	12	58	125	125
12/26/2021	13	59	131	125
12/26/2021	14	60	150	150
12/26/2021	15	60	150	150
12/26/2021	16	58	150	150
12/26/2021	17	59	150	150
12/26/2021	18	69	150	150
12/26/2021	19	66	150	150
12/26/2021	20	65	150	150
12/26/2021	21	64	150	150
12/26/2021	22	61	145	145
12/26/2021	23	57	145	145
12/26/2021	24	54	138	137
12/27/2021	1	52	135	135
12/27/2021	2	50	130	130
12/27/2021	3	49	130	130
12/27/2021	4	49	135	135
12/27/2021	5	50	135	135
12/27/2021	6	54	135	135
12/27/2021	7	53	135	135
12/27/2021	8	58	150	150
12/27/2021	9	66	150	150
12/27/2021	10	70	150	150
12/27/2021	11	73	150	150
12/27/2021	12	72	150	150
12/27/2021	13	74	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/27/2021	14	77	150	150
12/27/2021	15	74	150	150
12/27/2021	16	73	150	150
12/27/2021	17	70	150	150
12/27/2021	18	74	150	150
12/27/2021	19	72	150	150
12/27/2021	20	70	150	150
12/27/2021	21	67	150	150
12/27/2021	22	63	150	150
12/27/2021	23	59	150	150
12/27/2021	24	56	150	150
12/28/2021	1	54	125	125
12/28/2021	2	53	125	125
12/28/2021	3	51	125	125
12/28/2021	4	50	125	125
12/28/2021	5	51	125	125
12/28/2021	6	53	125	125
12/28/2021	7	54	125	125
12/28/2021	8	55	125	125
12/28/2021	9	59	125	125
12/28/2021	10	66	150	150
12/28/2021	11	69	150	150
12/28/2021	12	70	150	150
12/28/2021	13	72	150	150
12/28/2021	14	76	150	150
12/28/2021	15	74	150	150
12/28/2021	16	71	150	150
12/28/2021	17	71	150	150
12/28/2021	18	70	150	150
12/28/2021	19	73	150	150
12/28/2021	20	71	150	150
12/28/2021	21	69	150	150
12/28/2021	22	65	150	150
12/28/2021	23	62	150	150
12/28/2021	24	58	150	150
12/29/2021	1	55	125	125
12/29/2021	2	53	125	125
12/29/2021	3	52	125	125
12/29/2021	4	51	125	125
12/29/2021	5	50	125	125
12/29/2021	6	52	125	125
12/29/2021	7	54	120	120
12/29/2021	8	54	120	120
12/29/2021	9	56	120	120
12/29/2021	10	62	148	125
12/29/2021	11	66	148	125
12/29/2021	12	68	148	125
12/29/2021	13	68	148	125
12/29/2021	14	68	150	150
12/29/2021	15	70	150	150
12/29/2021	16	70	150	150
12/29/2021	17	70	150	150
12/29/2021	18	70	150	150
12/29/2021	19	74	150	150
12/29/2021	20	71	150	150
12/29/2021	21	70	150	150
12/29/2021	22	67	150	150
12/29/2021	23	63	150	150
12/29/2021	24	60	150	150
12/30/2021	1	55	125	125
12/30/2021	2	54	125	125
12/30/2021	3	52	125	125
12/30/2021	4	51	125	125
12/30/2021	5	51	125	125
12/30/2021	6	53	125	125

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/30/2021	7	55	125	125
12/30/2021	8	55	125	125
12/30/2021	9	58	125	125
12/30/2021	10	64	150	150
12/30/2021	11	68	150	150
12/30/2021	12	70	150	150
12/30/2021	13	69	150	150
12/30/2021	14	70	150	150
12/30/2021	15	71	150	150
12/30/2021	16	69	150	150
12/30/2021	17	69	150	150
12/30/2021	18	70	150	150
12/30/2021	19	73	150	150
12/30/2021	20	70	150	150
12/30/2021	21	68	150	150
12/30/2021	22	64	135	135
12/30/2021	23	60	135	135
12/30/2021	24	57	135	135
12/31/2021	1	54	126	125
12/31/2021	2	52	126	125
12/31/2021	3	51	126	125
12/31/2021	4	49	125	125
12/31/2021	5	49	125	125
12/31/2021	6	50	125	125
12/31/2021	7	53	128	125
12/31/2021	8	53	127	125
12/31/2021	9	55	125	125
12/31/2021	10	61	150	150
12/31/2021	11	65	150	150
12/31/2021	12	66	150	150
12/31/2021	13	66	150	150
12/31/2021	14	66	150	150
12/31/2021	15	68	150	150
12/31/2021	16	68	150	150
12/31/2021	17	70	150	150
12/31/2021	18	69	150	150
12/31/2021	19	74	150	150
12/31/2021	20	72	150	150
12/31/2021	21	69	150	150
12/31/2021	22	67	135	125
12/31/2021	23	63	129	125
12/31/2021	24	60	126	125
1/1/2022	1	55	128	125
1/1/2022	2	53	128	125
1/1/2022	3	52	128	125
1/1/2022	4	50	128	125
1/1/2022	5	49	125	125
1/1/2022	6	51	125	125
1/1/2022	7	52	128	125
1/1/2022	8	52	125	125
1/1/2022	9	54	125	125
1/1/2022	10	58	147	125
1/1/2022	11	62	150	150
1/1/2022	12	64	150	150
1/1/2022	13	65	150	150
1/1/2022	14	66	150	150
1/1/2022	15	68	150	150
1/1/2022	16	68	150	150
1/1/2022	17	66	150	150
1/1/2022	18	65	150	150
1/1/2022	19	72	150	150
1/1/2022	20	69	150	150
1/1/2022	21	67	150	150
1/1/2022	22	65	148	135
1/1/2022	23	61	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/1/2022	24	58	135	135
1/2/2022	1	54	128	125
1/2/2022	2	52	128	125
1/2/2022	3	51	128	125
1/2/2022	4	50	125	125
1/2/2022	5	49	115	115
1/2/2022	6	50	115	115
1/2/2022	7	51	115	115
1/2/2022	8	50	115	115
1/2/2022	9	51	115	115
1/2/2022	10	54	115	115
1/2/2022	11	56	138	125
1/2/2022	12	58	149	125
1/2/2022	13	58	148	125
1/2/2022	14	60	150	150
1/2/2022	15	62	150	150
1/2/2022	16	62	150	150
1/2/2022	17	62	150	150
1/2/2022	18	63	150	150
1/2/2022	19	70	150	150
1/2/2022	20	68	150	150
1/2/2022	21	66	150	150
1/2/2022	22	65	148	140
1/2/2022	23	62	140	140
1/2/2022	24	58	140	140
1/3/2022	1	54	128	115
1/3/2022	2	52	128	115
1/3/2022	3	51	128	115
1/3/2022	4	50	128	115
1/3/2022	5	49	115	115
1/3/2022	6	51	115	115
1/3/2022	7	53	128	115
1/3/2022	8	53	115	115
1/3/2022	9	56	132	115
1/3/2022	10	64	150	150
1/3/2022	11	68	150	150
1/3/2022	12	71	150	150
1/3/2022	13	71	150	150
1/3/2022	14	72	150	150
1/3/2022	15	75	150	150
1/3/2022	16	74	150	150
1/3/2022	17	73	150	150
1/3/2022	18	72	150	150
1/3/2022	19	75	150	150
1/3/2022	20	73	150	150
1/3/2022	21	70	150	150
1/3/2022	22	68	148	140
1/3/2022	23	64	140	140
1/3/2022	24	60	140	140
1/4/2022	1	57	125	125
1/4/2022	2	55	125	125
1/4/2022	3	53	125	125
1/4/2022	4	52	125	125
1/4/2022	5	51	125	125
1/4/2022	6	54	125	125
1/4/2022	7	56	125	125
1/4/2022	8	55	125	125
1/4/2022	9	58	125	125
1/4/2022	10	64	150	150
1/4/2022	11	68	150	150
1/4/2022	12	69	150	150
1/4/2022	13	69	150	150
1/4/2022	14	68	150	150
1/4/2022	15	69	150	150
1/4/2022	16	68	150	150

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/4/2022	17	70	150	150
1/4/2022	18	70	150	150
1/4/2022	19	74	150	150
1/4/2022	20	71	150	150
1/4/2022	21	68	150	150
1/4/2022	22	66	148	132
1/4/2022	23	61	125	125
1/4/2022	24	58	125	125
1/5/2022	1	53	120	120
1/5/2022	2	51	120	120
1/5/2022	3	50	120	120
1/5/2022	4	50	120	120
1/5/2022	5	51	120	120
1/5/2022	6	54	120	120
1/5/2022	7	54	121	120
1/5/2022	8	56	121	120
1/5/2022	9	62	125	120
1/5/2022	10	65	150	150
1/5/2022	11	69	150	150
1/5/2022	12	69	150	150
1/5/2022	13	70	150	150
1/5/2022	14	72	150	150
1/5/2022	15	73	150	150
1/5/2022	16	71	150	150
1/5/2022	17	68	150	150
1/5/2022	18	71	150	150
1/5/2022	19	69	150	150
1/5/2022	20	67	150	150
1/5/2022	21	65	150	150
1/5/2022	22	61	148	120
1/5/2022	23	58	123	120
1/5/2022	24	55	120	120
1/6/2022	1	53	125	125
1/6/2022	2	52	125	125
1/6/2022	3	51	125	125
1/6/2022	4	50	125	125
1/6/2022	5	51	125	125
1/6/2022	6	55	125	125
1/6/2022	7	54	125	125
1/6/2022	8	58	125	125
1/6/2022	9	63	125	125
1/6/2022	10	67	150	150
1/6/2022	11	70	150	150
1/6/2022	12	70	150	150
1/6/2022	13	71	150	150
1/6/2022	14	74	150	150
1/6/2022	15	75	150	150
1/6/2022	16	72	150	150
1/6/2022	17	69	150	150
1/6/2022	18	73	150	150
1/6/2022	19	72	150	150
1/6/2022	20	69	150	150
1/6/2022	21	67	150	150
1/6/2022	22	63	147	125
1/6/2022	23	59	125	125
1/6/2022	24	56	125	125
1/7/2022	1	54	125	125
1/7/2022	2	53	125	125
1/7/2022	3	52	125	125
1/7/2022	4	51	125	125
1/7/2022	5	52	125	125
1/7/2022	6	56	125	125
1/7/2022	7	54	125	125
1/7/2022	8	59	125	125
1/7/2022	9	65	125	125

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/7/2022	10	70	150	150
1/7/2022	11	73	150	150
1/7/2022	12	72	150	150
1/7/2022	13	74	150	150
1/7/2022	14	76	150	150
1/7/2022	15	76	150	150
1/7/2022	16	73	150	150
1/7/2022	17	70	150	150
1/7/2022	18	74	150	150
1/7/2022	19	72	150	150
1/7/2022	20	70	150	150
1/7/2022	21	68	150	150
1/7/2022	22	64	146	125
1/7/2022	23	60	125	125
1/7/2022	24	56	125	125
1/8/2022	1	52	122	115
1/8/2022	2	50	115	115
1/8/2022	3	49	115	115
1/8/2022	4	49	115	115
1/8/2022	5	50	115	115
1/8/2022	6	53	125	125
1/8/2022	7	54	125	125
1/8/2022	8	55	125	125
1/8/2022	9	57	126	125
1/8/2022	10	60	150	150
1/8/2022	11	64	150	150
1/8/2022	12	65	150	150
1/8/2022	13	65	150	150
1/8/2022	14	66	150	150
1/8/2022	15	68	150	150
1/8/2022	16	68	150	150
1/8/2022	17	67	150	150
1/8/2022	18	72	150	150
1/8/2022	19	70	150	150
1/8/2022	20	68	150	150
1/8/2022	21	66	150	150
1/8/2022	22	62	146	125
1/8/2022	23	59	125	125
1/8/2022	24	56	125	125
1/9/2022	1	52	115	115
1/9/2022	2	51	117	115
1/9/2022	3	50	115	115
1/9/2022	4	49	115	115
1/9/2022	5	51	115	115
1/9/2022	6	51	115	115
1/9/2022	7	51	115	115
1/9/2022	8	51	115	115
1/9/2022	9	52	135	135
1/9/2022	10	54	150	150
1/9/2022	11	56	150	150
1/9/2022	12	57	150	150
1/9/2022	13	57	150	150
1/9/2022	14	58	150	150
1/9/2022	15	58	150	150
1/9/2022	16	58	150	150
1/9/2022	17	61	150	150
1/9/2022	18	69	150	150
1/9/2022	19	67	150	150
1/9/2022	20	66	150	150
1/9/2022	21	65	150	150
1/9/2022	22	62	146	125
1/9/2022	23	58	125	125
1/9/2022	24	56	125	125
1/10/2022	1	53	125	125
1/10/2022	2	52	125	125

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/10/2022	3	51	125	125
1/10/2022	4	50	125	125
1/10/2022	5	51	125	125
1/10/2022	6	54	125	125
1/10/2022	7	54	125	125
1/10/2022	8	58	128	125
1/10/2022	9	64	135	135
1/10/2022	10	70	150	150
1/10/2022	11	72	150	150
1/10/2022	12	71	150	150
1/10/2022	13	74	150	150
1/10/2022	14	76	150	150
1/10/2022	15	75	150	150
1/10/2022	16	74	150	150
1/10/2022	17	70	150	150
1/10/2022	18	74	150	150
1/10/2022	19	72	150	150
1/10/2022	20	69	150	150
1/10/2022	21	68	150	150
1/10/2022	22	64	146	125
1/10/2022	23	60	129	125
1/10/2022	24	57	126	125
1/11/2022	1	55	125	125
1/11/2022	2	54	125	125
1/11/2022	3	52	125	125
1/11/2022	4	52	125	125
1/11/2022	5	54	125	125
1/11/2022	6	56	125	125
1/11/2022	7	56	140	140
1/11/2022	8	59	140	140
1/11/2022	9	66	140	140
1/11/2022	10	69	150	150
1/11/2022	11	73	150	150
1/11/2022	12	71	150	150
1/11/2022	13	74	150	150
1/11/2022	14	78	150	150
1/11/2022	15	76	150	150
1/11/2022	16	72	150	150
1/11/2022	17	71	150	150
1/11/2022	18	74	150	150
1/11/2022	19	72	150	150
1/11/2022	20	70	150	150
1/11/2022	21	68	150	150
1/11/2022	22	64	147	140
1/11/2022	23	61	140	140
1/11/2022	24	57	140	140
1/12/2022	1	56	125	125
1/12/2022	2	52	125	125
1/12/2022	3	51	125	125
1/12/2022	4	52	125	125
1/12/2022	5	53	125	125
1/12/2022	6	56	125	125
1/12/2022	7	55	125	125
1/12/2022	8	59	125	125
1/12/2022	9	67	150	150
1/12/2022	10	73	150	150
1/12/2022	11	76	150	150
1/12/2022	12	76	150	150
1/12/2022	13	79	150	150
1/12/2022	14	82	150	150
1/12/2022	15	78	150	150
1/12/2022	16	76	150	150
1/12/2022	17	73	150	150
1/12/2022	18	73	150	150
1/12/2022	19	72	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/12/2022	20	71	150	150
1/12/2022	21	68	150	150
1/12/2022	22	64	135	135
1/12/2022	23	60	135	135
1/12/2022	24	57	135	135
1/13/2022	1	56	135	135
1/13/2022	2	54	135	135
1/13/2022	3	53	135	135
1/13/2022	4	52	135	135
1/13/2022	5	53	135	135
1/13/2022	6	57	135	135
1/13/2022	7	57	135	135
1/13/2022	8	59	135	135
1/13/2022	9	66	150	150
1/13/2022	10	71	150	150
1/13/2022	11	74	150	150
1/13/2022	12	75	150	150
1/13/2022	13	79	150	150
1/13/2022	14	83	150	150
1/13/2022	15	80	150	150
1/13/2022	16	78	150	150
1/13/2022	17	74	150	150
1/13/2022	18	74	150	150
1/13/2022	19	73	150	150
1/13/2022	20	72	150	150
1/13/2022	21	69	150	150
1/13/2022	22	66	145	145
1/13/2022	23	62	145	145
1/13/2022	24	58	145	145
1/14/2022	1	56	135	135
1/14/2022	2	54	135	135
1/14/2022	3	52	135	135
1/14/2022	4	52	135	135
1/14/2022	5	54	135	135
1/14/2022	6	57	135	135
1/14/2022	7	57	135	135
1/14/2022	8	60	135	135
1/14/2022	9	68	150	150
1/14/2022	10	71	150	150
1/14/2022	11	74	150	150
1/14/2022	12	75	150	150
1/14/2022	13	77	150	150
1/14/2022	14	79	150	150
1/14/2022	15	79	150	150
1/14/2022	16	76	150	150
1/14/2022	17	73	150	150
1/14/2022	18	74	150	150
1/14/2022	19	74	150	150
1/14/2022	20	71	150	150
1/14/2022	21	69	150	150
1/14/2022	22	66	145	145
1/14/2022	23	62	145	145
1/14/2022	24	58	145	145
1/15/2022	1	52	135	135
1/15/2022	2	51	135	135
1/15/2022	3	50	125	125
1/15/2022	4	49	123	123
1/15/2022	5	52	135	135
1/15/2022	6	52	135	135
1/15/2022	7	52	135	135
1/15/2022	8	53	135	135
1/15/2022	9	58	150	150
1/15/2022	10	61	150	150
1/15/2022	11	63	150	150
1/15/2022	12	64	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/15/2022	13	65	150	150
1/15/2022	14	69	150	150
1/15/2022	15	68	150	150
1/15/2022	16	66	150	150
1/15/2022	17	64	150	150
1/15/2022	18	71	150	150
1/15/2022	19	69	150	150
1/15/2022	20	68	150	150
1/15/2022	21	66	150	150
1/15/2022	22	61	145	145
1/15/2022	23	59	145	145
1/15/2022	24	58	145	145
1/16/2022	1	51	122	122
1/16/2022	2	50	122	122
1/16/2022	3	48	122	122
1/16/2022	4	48	122	122
1/16/2022	5	50	122	122
1/16/2022	6	50	122	122
1/16/2022	7	50	122	122
1/16/2022	8	51	122	122
1/16/2022	9	54	150	150
1/16/2022	10	57	150	150
1/16/2022	11	60	150	150
1/16/2022	12	60	150	150
1/16/2022	13	61	150	150
1/16/2022	14	62	150	150
1/16/2022	15	62	150	150
1/16/2022	16	61	150	150
1/16/2022	17	60	150	150
1/16/2022	18	68	150	150
1/16/2022	19	67	150	150
1/16/2022	20	66	150	150
1/16/2022	21	64	150	150
1/16/2022	22	62	145	145
1/16/2022	23	58	145	145
1/16/2022	24	55	145	145
1/17/2022	1	53	125	125
1/17/2022	2	50	125	125
1/17/2022	3	49	125	125
1/17/2022	4	49	125	125
1/17/2022	5	50	125	125
1/17/2022	6	53	125	125
1/17/2022	7	53	125	125
1/17/2022	8	58	125	125
1/17/2022	9	66	150	150
1/17/2022	10	70	150	150
1/17/2022	11	73	150	150
1/17/2022	12	73	150	150
1/17/2022	13	74	150	150
1/17/2022	14	78	150	150
1/17/2022	15	77	150	150
1/17/2022	16	75	150	150
1/17/2022	17	70	150	150
1/17/2022	18	72	150	150
1/17/2022	19	71	150	150
1/17/2022	20	70	150	150
1/17/2022	21	67	150	150
1/17/2022	22	63	145	145
1/17/2022	23	59	145	145
1/17/2022	24	57	145	145
1/18/2022	1	53	150	110
1/18/2022	2	52	150	110
1/18/2022	3	50	150	110
1/18/2022	4	50	150	110
1/18/2022	5	52	150	110

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/18/2022	6	54	150	110
1/18/2022	7	53	150	126
1/18/2022	8	58	150	126
1/18/2022	9	64	150	149
1/18/2022	10	71	150	149
1/18/2022	11	73	150	149
1/18/2022	12	74	150	149
1/18/2022	13	75	150	149
1/18/2022	14	76	150	149
1/18/2022	15	74	150	149
1/18/2022	16	72	150	149
1/18/2022	17	71	150	149
1/18/2022	18	72	150	149
1/18/2022	19	70	150	149
1/18/2022	20	69	150	149
1/18/2022	21	67	150	141
1/18/2022	22	64	150	139
1/18/2022	23	61	150	132
1/18/2022	24	57	150	131
1/19/2022	1	50	150	94
1/19/2022	2	49	150	94
1/19/2022	3	48	150	94
1/19/2022	4	47	150	94
1/19/2022	5	49	150	94
1/19/2022	6	52	150	94
1/19/2022	7	53	150	94
1/19/2022	8	55	150	94
1/19/2022	9	61	150	114
1/19/2022	10	65	150	138
1/19/2022	11	68	150	150
1/19/2022	12	69	150	150
1/19/2022	13	70	150	150
1/19/2022	14	72	150	150
1/19/2022	15	71	150	150
1/19/2022	16	71	150	150
1/19/2022	17	70	150	150
1/19/2022	18	69	150	150
1/19/2022	19	68	150	150
1/19/2022	20	66	150	150
1/19/2022	21	63	150	150
1/19/2022	22	60	150	133
1/19/2022	23	57	150	107
1/19/2022	24	54	150	107
1/20/2022	1	56	150	99
1/20/2022	2	53	150	99
1/20/2022	3	51	150	99
1/20/2022	4	50	150	99
1/20/2022	5	53	150	99
1/20/2022	6	55	150	99
1/20/2022	7	55	150	99
1/20/2022	8	55	150	99
1/20/2022	9	62	150	102
1/20/2022	10	69	150	150
1/20/2022	11	72	150	150
1/20/2022	12	72	150	150
1/20/2022	13	74	150	150
1/20/2022	14	76	150	150
1/20/2022	15	76	150	150
1/20/2022	16	72	150	150
1/20/2022	17	68	150	150
1/20/2022	18	72	150	150
1/20/2022	19	70	150	150
1/20/2022	20	67	150	150
1/20/2022	21	64	150	150
1/20/2022	22	60	150	132

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/20/2022	23	58	150	122
1/20/2022	24	56	150	122
1/21/2022	1	52	150	99
1/21/2022	2	51	150	99
1/21/2022	3	49	112	99
1/21/2022	4	48	112	99
1/21/2022	5	50	148	99
1/21/2022	6	54	150	99
1/21/2022	7	54	150	99
1/21/2022	8	56	150	99
1/21/2022	9	62	150	102
1/21/2022	10	67	150	150
1/21/2022	11	69	150	150
1/21/2022	12	69	150	150
1/21/2022	13	70	150	150
1/21/2022	14	74	150	150
1/21/2022	15	72	150	150
1/21/2022	16	70	150	150
1/21/2022	17	68	150	150
1/21/2022	18	70	150	150
1/21/2022	19	68	150	150
1/21/2022	20	66	150	150
1/21/2022	21	64	150	150
1/21/2022	22	60	150	132
1/21/2022	23	58	150	122
1/21/2022	24	54	132	122
1/22/2022	1	53	150	105
1/22/2022	2	52	150	105
1/22/2022	3	50	150	105
1/22/2022	4	49	150	94
1/22/2022	5	50	150	97
1/22/2022	6	51	150	102
1/22/2022	7	51	150	103
1/22/2022	8	52	150	108
1/22/2022	9	56	150	112
1/22/2022	10	58	150	122
1/22/2022	11	60	150	123
1/22/2022	12	62	150	138
1/22/2022	13	64	150	138
1/22/2022	14	65	150	150
1/22/2022	15	66	150	150
1/22/2022	16	65	150	150
1/22/2022	17	65	150	150
1/22/2022	18	68	150	150
1/22/2022	19	67	150	150
1/22/2022	20	65	150	150
1/22/2022	21	63	150	150
1/22/2022	22	60	150	133
1/22/2022	23	56	150	122
1/22/2022	24	55	150	121
1/23/2022	1	51	150	112
1/23/2022	2	49	133	112
1/23/2022	3	47	112	112
1/23/2022	4	47	112	112
1/23/2022	5	48	116	112
1/23/2022	6	49	145	112
1/23/2022	7	50	133	112
1/23/2022	8	50	117	112
1/23/2022	9	54	150	112
1/23/2022	10	56	150	132
1/23/2022	11	57	150	133
1/23/2022	12	57	150	134
1/23/2022	13	58	150	134
1/23/2022	14	58	150	136
1/23/2022	15	59	150	136

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/23/2022	16	58	150	136
1/23/2022	17	59	150	133
1/23/2022	18	66	150	150
1/23/2022	19	65	150	150
1/23/2022	20	63	150	150
1/23/2022	21	62	150	150
1/23/2022	22	58	150	132
1/23/2022	23	55	150	122
1/23/2022	24	52	150	122
1/24/2022	1	49	112	112
1/24/2022	2	48	112	112
1/24/2022	3	46	107	107
1/24/2022	4	46	108	107
1/24/2022	5	48	112	112
1/24/2022	6	50	144	112
1/24/2022	7	52	150	112
1/24/2022	8	55	150	112
1/24/2022	9	61	150	112
1/24/2022	10	65	150	150
1/24/2022	11	69	150	150
1/24/2022	12	68	150	150
1/24/2022	13	69	150	150
1/24/2022	14	71	150	150
1/24/2022	15	70	150	150
1/24/2022	16	69	150	150
1/24/2022	17	66	150	150
1/24/2022	18	70	150	150
1/24/2022	19	68	150	150
1/24/2022	20	66	150	150
1/24/2022	21	64	150	150
1/24/2022	22	60	150	134
1/24/2022	23	57	150	127
1/24/2022	24	54	150	127
1/25/2022	1	50	128	112
1/25/2022	2	50	119	112
1/25/2022	3	48	112	112
1/25/2022	4	48	112	112
1/25/2022	5	50	129	112
1/25/2022	6	52	150	112
1/25/2022	7	54	150	112
1/25/2022	8	56	150	112
1/25/2022	9	62	150	122
1/25/2022	10	66	150	139
1/25/2022	11	69	150	132
1/25/2022	12	68	150	132
1/25/2022	13	70	150	132
1/25/2022	14	72	150	150
1/25/2022	15	72	150	150
1/25/2022	16	70	150	150
1/25/2022	17	67	150	150
1/25/2022	18	70	150	132
1/25/2022	19	69	150	132
1/25/2022	20	66	150	132
1/25/2022	21	64	150	132
1/25/2022	22	60	150	136
1/25/2022	23	57	150	122
1/25/2022	24	54	150	122
1/26/2022	1	51	147	112
1/26/2022	2	49	112	112
1/26/2022	3	48	112	112
1/26/2022	4	47	112	112
1/26/2022	5	48	112	112
1/26/2022	6	51	150	112
1/26/2022	7	54	150	112
1/26/2022	8	56	150	112

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/26/2022	9	63	150	112
1/26/2022	10	66	150	140
1/26/2022	11	70	150	141
1/26/2022	12	69	150	143
1/26/2022	13	70	150	142
1/26/2022	14	73	150	150
1/26/2022	15	71	150	150
1/26/2022	16	70	150	150
1/26/2022	17	67	150	150
1/26/2022	18	70	150	150
1/26/2022	19	69	150	150
1/26/2022	20	66	150	150
1/26/2022	21	63	150	150
1/26/2022	22	59	150	136
1/26/2022	23	55	150	112
1/26/2022	24	53	150	112
1/27/2022	1	52	150	112
1/27/2022	2	51	150	112
1/27/2022	3	49	112	112
1/27/2022	4	49	112	112
1/27/2022	5	50	148	112
1/27/2022	6	52	150	112
1/27/2022	7	54	150	112
1/27/2022	8	57	150	112
1/27/2022	9	63	150	112
1/27/2022	10	68	150	150
1/27/2022	11	71	150	150
1/27/2022	12	70	150	150
1/27/2022	13	72	150	150
1/27/2022	14	74	150	150
1/27/2022	15	73	150	150
1/27/2022	16	71	150	150
1/27/2022	17	68	150	150
1/27/2022	18	71	150	150
1/27/2022	19	70	150	150
1/27/2022	20	66	150	150
1/27/2022	21	64	150	146
1/27/2022	22	60	150	118
1/27/2022	23	56	150	112
1/27/2022	24	53	150	112
1/28/2022	1	53	150	112
1/28/2022	2	51	150	112
1/28/2022	3	50	130	112
1/28/2022	4	49	112	112
1/28/2022	5	52	150	112
1/28/2022	6	54	150	112
1/28/2022	7	55	150	112
1/28/2022	8	57	150	112
1/28/2022	9	64	150	112
1/28/2022	10	68	150	150
1/28/2022	11	70	150	150
1/28/2022	12	72	150	150
1/28/2022	13	72	150	150
1/28/2022	14	75	150	150
1/28/2022	15	74	150	150
1/28/2022	16	73	150	150
1/28/2022	17	71	150	150
1/28/2022	18	71	150	150
1/28/2022	19	70	150	150
1/28/2022	20	68	150	150
1/28/2022	21	66	150	150
1/28/2022	22	62	150	112
1/28/2022	23	60	150	112
1/28/2022	24	56	150	112
1/29/2022	1	54	150	112

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/29/2022	2	51	144	112
1/29/2022	3	50	112	112
1/29/2022	4	49	112	112
1/29/2022	5	50	125	112
1/29/2022	6	52	150	112
1/29/2022	7	52	150	112
1/29/2022	8	53	150	112
1/29/2022	9	58	150	112
1/29/2022	10	62	150	150
1/29/2022	11	63	150	150
1/29/2022	12	63	150	150
1/29/2022	13	64	150	150
1/29/2022	14	67	150	150
1/29/2022	15	67	150	150
1/29/2022	16	66	150	150
1/29/2022	17	64	150	150
1/29/2022	18	70	150	150
1/29/2022	19	68	150	150
1/29/2022	20	66	150	150
1/29/2022	21	65	150	150
1/29/2022	22	61	150	112
1/29/2022	23	58	150	112
1/29/2022	24	56	150	112
1/30/2022	1	51	150	102
1/30/2022	2	49	122	102
1/30/2022	3	48	102	102
1/30/2022	4	47	102	102
1/30/2022	5	49	108	102
1/30/2022	6	50	124	102
1/30/2022	7	50	128	102
1/30/2022	8	50	119	102
1/30/2022	9	52	150	102
1/30/2022	10	56	132	132
1/30/2022	11	58	150	132
1/30/2022	12	58	145	132
1/30/2022	13	59	150	132
1/30/2022	14	59	150	132
1/30/2022	15	59	150	132
1/30/2022	16	58	150	132
1/30/2022	17	59	150	132
1/30/2022	18	66	150	132
1/30/2022	19	65	150	132
1/30/2022	20	64	150	132
1/30/2022	21	62	150	132
1/30/2022	22	59	150	112
1/30/2022	23	56	150	112
1/30/2022	24	53	150	112
1/31/2022	1	51	139	112
1/31/2022	2	50	112	112
1/31/2022	3	49	112	112
1/31/2022	4	49	112	112
1/31/2022	5	51	130	112
1/31/2022	6	53	150	112
1/31/2022	7	54	150	112
1/31/2022	8	58	150	112
1/31/2022	9	66	150	112
1/31/2022	10	71	150	137
1/31/2022	11	74	150	137
1/31/2022	12	73	150	137
1/31/2022	13	72	150	137
1/31/2022	14	75	150	137
1/31/2022	15	74	150	137
1/31/2022	16	72	150	137
1/31/2022	17	70	150	137
1/31/2022	18	69	150	137

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/31/2022	19	68	150	137
1/31/2022	20	67	150	137
1/31/2022	21	64	150	137
1/31/2022	22	60	150	112
1/31/2022	23	57	150	112
1/31/2022	24	54	150	112
2/1/2022	1	52	132	100
2/1/2022	2	51	100	100
2/1/2022	3	49	100	100
2/1/2022	4	49	100	100
2/1/2022	5	50	100	100
2/1/2022	6	52	120	100
2/1/2022	7	52	126	100
2/1/2022	8	56	150	100
2/1/2022	9	62	150	100
2/1/2022	10	66	150	122
2/1/2022	11	68	150	122
2/1/2022	12	68	150	122
2/1/2022	13	69	150	122
2/1/2022	14	70	150	137
2/1/2022	15	68	150	137
2/1/2022	16	68	150	137
2/1/2022	17	67	150	137
2/1/2022	18	67	150	131
2/1/2022	19	66	150	122
2/1/2022	20	65	150	122
2/1/2022	21	63	150	122
2/1/2022	22	59	150	113
2/1/2022	23	56	150	100
2/1/2022	24	53	122	100
2/2/2022	1	52	105	100
2/2/2022	2	50	100	100
2/2/2022	3	49	100	100
2/2/2022	4	48	100	100
2/2/2022	5	51	100	100
2/2/2022	6	54	139	100
2/2/2022	7	54	150	100
2/2/2022	8	58	150	100
2/2/2022	9	64	150	100
2/2/2022	10	70	150	125
2/2/2022	11	72	150	122
2/2/2022	12	72	150	122
2/2/2022	13	73	150	122
2/2/2022	14	76	150	137
2/2/2022	15	75	150	137
2/2/2022	16	74	150	137
2/2/2022	17	72	150	137
2/2/2022	18	71	150	131
2/2/2022	19	70	150	122
2/2/2022	20	68	150	122
2/2/2022	21	66	150	122
2/2/2022	22	62	150	113
2/2/2022	23	58	150	102
2/2/2022	24	55	139	102
2/3/2022	1	52	150	112
2/3/2022	2	50	139	112
2/3/2022	3	49	128	112
2/3/2022	4	48	129	112
2/3/2022	5	50	150	112
2/3/2022	6	53	150	112
2/3/2022	7	53	150	112
2/3/2022	8	57	150	112
2/3/2022	9	63	150	112
2/3/2022	10	70	150	150
2/3/2022	11	73	150	150

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/3/2022	12	72	150	150
2/3/2022	13	73	150	150
2/3/2022	14	75	150	150
2/3/2022	15	74	150	150
2/3/2022	16	72	150	150
2/3/2022	17	68	150	150
2/3/2022	18	69	150	150
2/3/2022	19	68	150	150
2/3/2022	20	66	150	150
2/3/2022	21	65	150	150
2/3/2022	22	60	150	112
2/3/2022	23	57	150	112
2/3/2022	24	54	150	112
2/4/2022	1	52	150	112
2/4/2022	2	50	146	112
2/4/2022	3	50	127	112
2/4/2022	4	49	112	112
2/4/2022	5	51	150	112
2/4/2022	6	54	150	112
2/4/2022	7	55	150	112
2/4/2022	8	58	150	112
2/4/2022	9	64	150	112
2/4/2022	10	68	150	150
2/4/2022	11	70	150	150
2/4/2022	12	70	150	150
2/4/2022	13	71	150	150
2/4/2022	14	73	150	150
2/4/2022	15	73	150	150
2/4/2022	16	72	150	150
2/4/2022	17	68	150	150
2/4/2022	18	71	150	150
2/4/2022	19	70	150	150
2/4/2022	20	68	150	150
2/4/2022	21	65	150	150
2/4/2022	22	62	150	119
2/4/2022	23	59	150	112
2/4/2022	24	55	150	112
2/5/2022	1	52	150	112
2/5/2022	2	51	150	112
2/5/2022	3	50	142	112
2/5/2022	4	49	120	112
2/5/2022	5	50	150	112
2/5/2022	6	52	150	112
2/5/2022	7	51	150	112
2/5/2022	8	52	150	112
2/5/2022	9	57	150	112
2/5/2022	10	60	150	132
2/5/2022	11	63	150	132
2/5/2022	12	64	150	132
2/5/2022	13	64	150	132
2/5/2022	14	67	150	137
2/5/2022	15	68	150	137
2/5/2022	16	66	150	137
2/5/2022	17	63	150	137
2/5/2022	18	66	150	137
2/5/2022	19	68	150	137
2/5/2022	20	67	150	137
2/5/2022	21	64	150	137
2/5/2022	22	61	150	119
2/5/2022	23	58	150	112
2/5/2022	24	56	150	112
2/6/2022	1	53	150	102
2/6/2022	2	52	150	102
2/6/2022	3	50	150	102
2/6/2022	4	50	146	102

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/6/2022	5	49	135	102
2/6/2022	6	50	150	102
2/6/2022	7	50	146	102
2/6/2022	8	50	134	102
2/6/2022	9	52	147	102
2/6/2022	10	54	150	112
2/6/2022	11	57	150	114
2/6/2022	12	59	150	112
2/6/2022	13	60	150	112
2/6/2022	14	61	150	137
2/6/2022	15	61	150	137
2/6/2022	16	60	150	137
2/6/2022	17	60	150	137
2/6/2022	18	65	150	137
2/6/2022	19	67	150	137
2/6/2022	20	66	150	137
2/6/2022	21	65	150	137
2/6/2022	22	62	150	119
2/6/2022	23	58	150	112
2/6/2022	24	55	150	112
2/7/2022	1	53	150	112
2/7/2022	2	51	150	112
2/7/2022	3	50	129	112
2/7/2022	4	49	112	112
2/7/2022	5	49	117	112
2/7/2022	6	52	150	112
2/7/2022	7	53	150	112
2/7/2022	8	57	150	112
2/7/2022	9	65	150	112
2/7/2022	10	70	150	150
2/7/2022	11	73	150	150
2/7/2022	12	73	150	150
2/7/2022	13	74	150	150
2/7/2022	14	76	150	150
2/7/2022	15	76	150	150
2/7/2022	16	74	150	150
2/7/2022	17	69	150	150
2/7/2022	18	70	150	150
2/7/2022	19	70	150	150
2/7/2022	20	68	150	150
2/7/2022	21	66	150	150
2/7/2022	22	62	150	120
2/7/2022	23	59	150	112
2/7/2022	24	56	150	112
2/8/2022	1	52	150	112
2/8/2022	2	51	139	112
2/8/2022	3	50	117	112
2/8/2022	4	49	121	112
2/8/2022	5	51	138	112
2/8/2022	6	54	150	112
2/8/2022	7	54	150	112
2/8/2022	8	57	150	112
2/8/2022	9	63	150	112
2/8/2022	10	66	150	137
2/8/2022	11	70	150	137
2/8/2022	12	69	150	137
2/8/2022	13	70	150	137
2/8/2022	14	73	150	137
2/8/2022	15	71	150	137
2/8/2022	16	70	150	137
2/8/2022	17	68	150	137
2/8/2022	18	69	150	117
2/8/2022	19	68	150	112
2/8/2022	20	66	150	112
2/8/2022	21	64	150	114

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/8/2022	22	60	150	118
2/8/2022	23	57	150	112
2/8/2022	24	54	150	112
2/9/2022	1	59	110	110
2/9/2022	2	58	110	110
2/9/2022	3	55	90	90
2/9/2022	4	55	90	90
2/9/2022	5	58	90	90
2/9/2022	6	60	90	90
2/9/2022	7	55	95	95
2/9/2022	8	62	100	100
2/9/2022	9	71	115	115
2/9/2022	10	76	135	135
2/9/2022	11	80	135	135
2/9/2022	12	78	135	135
2/9/2022	13	79	135	135
2/9/2022	14	83	135	135
2/9/2022	15	81	135	135
2/9/2022	16	80	135	135
2/9/2022	17	76	135	135
2/9/2022	18	78	135	135
2/9/2022	19	78	135	135
2/9/2022	20	77	135	135
2/9/2022	21	74	135	135
2/9/2022	22	69	135	135
2/9/2022	23	66	115	115
2/9/2022	24	63	110	110
2/10/2022	1	53	150	102
2/10/2022	2	52	150	102
2/10/2022	3	50	135	102
2/10/2022	4	50	125	102
2/10/2022	5	51	150	102
2/10/2022	6	54	150	102
2/10/2022	7	55	150	112
2/10/2022	8	58	150	112
2/10/2022	9	66	150	112
2/10/2022	10	69	150	150
2/10/2022	11	72	150	150
2/10/2022	12	70	150	150
2/10/2022	13	72	150	150
2/10/2022	14	74	150	150
2/10/2022	15	73	150	150
2/10/2022	16	72	150	150
2/10/2022	17	69	150	150
2/10/2022	18	71	150	150
2/10/2022	19	70	150	150
2/10/2022	20	68	150	150
2/10/2022	21	66	150	150
2/10/2022	22	62	150	122
2/10/2022	23	58	150	122
2/10/2022	24	55	150	122
2/11/2022	1	52	150	102
2/11/2022	2	51	140	102
2/11/2022	3	50	118	102
2/11/2022	4	49	117	102
2/11/2022	5	50	130	102
2/11/2022	6	54	150	122
2/11/2022	7	54	150	122
2/11/2022	8	57	150	122
2/11/2022	9	64	150	122
2/11/2022	10	67	150	150
2/11/2022	11	70	150	150
2/11/2022	12	68	150	150
2/11/2022	13	69	150	150
2/11/2022	14	72	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/11/2022	15	71	150	150
2/11/2022	16	69	150	150
2/11/2022	17	67	150	150
2/11/2022	18	68	150	150
2/11/2022	19	68	150	150
2/11/2022	20	65	150	150
2/11/2022	21	63	150	150
2/11/2022	22	60	150	112
2/11/2022	23	56	150	112
2/11/2022	24	54	150	112
2/12/2022	1	52	150	102
2/12/2022	2	50	126	102
2/12/2022	3	48	115	102
2/12/2022	4	48	102	102
2/12/2022	5	49	115	102
2/12/2022	6	50	122	102
2/12/2022	7	51	138	102
2/12/2022	8	52	146	102
2/12/2022	9	56	150	102
2/12/2022	10	59	150	112
2/12/2022	11	62	150	112
2/12/2022	12	61	150	112
2/12/2022	13	63	150	112
2/12/2022	14	65	150	137
2/12/2022	15	64	150	137
2/12/2022	16	64	150	137
2/12/2022	17	62	150	137
2/12/2022	18	66	150	137
2/12/2022	19	68	150	137
2/12/2022	20	66	150	137
2/12/2022	21	62	150	137
2/12/2022	22	60	150	112
2/12/2022	23	57	150	112
2/12/2022	24	54	150	112
2/13/2022	1	53	150	115
2/13/2022	2	50	150	115
2/13/2022	3	48	122	115
2/13/2022	4	48	123	115
2/13/2022	5	49	122	115
2/13/2022	6	50	140	115
2/13/2022	7	50	146	115
2/13/2022	8	50	125	115
2/13/2022	9	52	150	115
2/13/2022	10	55	150	136
2/13/2022	11	58	150	136
2/13/2022	12	58	150	136
2/13/2022	13	59	150	136
2/13/2022	14	60	150	137
2/13/2022	15	58	150	137
2/13/2022	16	59	150	137
2/13/2022	17	59	150	137
2/13/2022	18	64	150	142
2/13/2022	19	66	150	142
2/13/2022	20	65	150	142
2/13/2022	21	63	150	142
2/13/2022	22	60	150	137
2/13/2022	23	56	150	129
2/13/2022	24	52	150	127
2/14/2022	1	53	150	127
2/14/2022	2	51	150	127
2/14/2022	3	50	150	127
2/14/2022	4	49	150	127
2/14/2022	5	51	150	127
2/14/2022	6	53	150	128
2/14/2022	7	54	150	127

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/14/2022	8	58	150	129
2/14/2022	9	65	150	134
2/14/2022	10	69	150	150
2/14/2022	11	72	150	150
2/14/2022	12	72	150	150
2/14/2022	13	73	150	150
2/14/2022	14	76	150	150
2/14/2022	15	74	150	150
2/14/2022	16	72	150	150
2/14/2022	17	70	150	150
2/14/2022	18	70	150	150
2/14/2022	19	71	150	150
2/14/2022	20	69	150	150
2/14/2022	21	66	150	150
2/14/2022	22	64	150	137
2/14/2022	23	60	150	132
2/14/2022	24	56	150	132
2/15/2022	1	54	150	122
2/15/2022	2	52	150	122
2/15/2022	3	52	150	122
2/15/2022	4	51	150	122
2/15/2022	5	50	150	122
2/15/2022	6	54	150	123
2/15/2022	7	55	150	123
2/15/2022	8	58	150	122
2/15/2022	9	66	150	144
2/15/2022	10	70	150	148
2/15/2022	11	72	150	149
2/15/2022	12	70	150	149
2/15/2022	13	71	150	149
2/15/2022	14	74	150	149
2/15/2022	15	74	150	149
2/15/2022	16	72	150	148
2/15/2022	17	70	150	148
2/15/2022	18	72	150	150
2/15/2022	19	71	150	150
2/15/2022	20	68	150	150
2/15/2022	21	66	150	150
2/15/2022	22	63	150	150
2/15/2022	23	59	150	135
2/15/2022	24	56	150	135
2/16/2022	1	53	150	112
2/16/2022	2	51	150	112
2/16/2022	3	50	150	112
2/16/2022	4	50	150	112
2/16/2022	5	51	150	112
2/16/2022	6	54	150	122
2/16/2022	7	54	150	122
2/16/2022	8	58	150	122
2/16/2022	9	66	150	138
2/16/2022	10	70	150	150
2/16/2022	11	73	150	150
2/16/2022	12	72	150	150
2/16/2022	13	73	150	150
2/16/2022	14	76	150	150
2/16/2022	15	76	150	150
2/16/2022	16	74	150	150
2/16/2022	17	71	150	150
2/16/2022	18	72	150	150
2/16/2022	19	72	150	150
2/16/2022	20	69	150	150
2/16/2022	21	66	150	150
2/16/2022	22	63	150	149
2/16/2022	23	60	150	147
2/16/2022	24	56	150	147

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/17/2022	1	54	150	112
2/17/2022	2	52	150	112
2/17/2022	3	51	150	112
2/17/2022	4	50	150	111
2/17/2022	5	52	150	122
2/17/2022	6	55	150	122
2/17/2022	7	55	150	122
2/17/2022	8	58	150	122
2/17/2022	9	66	150	122
2/17/2022	10	70	150	150
2/17/2022	11	74	150	150
2/17/2022	12	74	150	150
2/17/2022	13	74	150	150
2/17/2022	14	76	150	150
2/17/2022	15	76	150	150
2/17/2022	16	73	150	150
2/17/2022	17	70	150	150
2/17/2022	18	71	150	150
2/17/2022	19	71	150	150
2/17/2022	20	68	150	150
2/17/2022	21	66	150	150
2/17/2022	22	63	150	150
2/17/2022	23	60	150	150
2/17/2022	24	56	150	150
2/18/2022	1	54	150	122
2/18/2022	2	52	150	122
2/18/2022	3	51	150	122
2/18/2022	4	51	150	122
2/18/2022	5	52	150	122
2/18/2022	6	55	150	150
2/18/2022	7	55	150	150
2/18/2022	8	59	150	150
2/18/2022	9	66	150	150
2/18/2022	10	71	150	150
2/18/2022	11	74	150	150
2/18/2022	12	74	150	150
2/18/2022	13	74	150	150
2/18/2022	14	77	150	150
2/18/2022	15	76	150	150
2/18/2022	16	75	150	150
2/18/2022	17	71	150	150
2/18/2022	18	71	150	150
2/18/2022	19	71	150	150
2/18/2022	20	70	150	150
2/18/2022	21	67	150	150
2/18/2022	22	64	150	150
2/18/2022	23	59	150	150
2/18/2022	24	57	150	150
2/19/2022	1	53	150	115
2/19/2022	2	52	150	115
2/19/2022	3	52	150	115
2/19/2022	4	51	150	115
2/19/2022	5	52	150	115
2/19/2022	6	54	150	122
2/19/2022	7	54	150	122
2/19/2022	8	54	150	122
2/19/2022	9	58	150	122
2/19/2022	10	62	150	146
2/19/2022	11	64	150	146
2/19/2022	12	64	150	148
2/19/2022	13	64	150	148
2/19/2022	14	66	150	150
2/19/2022	15	66	150	150
2/19/2022	16	65	150	150
2/19/2022	17	64	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/19/2022	18	67	150	148
2/19/2022	19	69	150	148
2/19/2022	20	67	150	148
2/19/2022	21	65	150	148
2/19/2022	22	61	150	148
2/19/2022	23	58	150	142
2/19/2022	24	55	150	142
2/20/2022	1	52	130	130
2/20/2022	2	50	130	130
2/20/2022	3	49	130	130
2/20/2022	4	48	130	130
2/20/2022	5	49	130	130
2/20/2022	6	50	135	135
2/20/2022	7	51	135	135
2/20/2022	8	50	135	135
2/20/2022	9	52	135	135
2/20/2022	10	54	150	150
2/20/2022	11	57	150	150
2/20/2022	12	57	150	150
2/20/2022	13	58	150	150
2/20/2022	14	58	150	150
2/20/2022	15	59	150	150
2/20/2022	16	59	150	150
2/20/2022	17	59	150	150
2/20/2022	18	64	150	150
2/20/2022	19	65	150	150
2/20/2022	20	63	150	150
2/20/2022	21	62	150	150
2/20/2022	22	59	150	145
2/20/2022	23	56	150	145
2/20/2022	24	52	148	145
2/21/2022	1	53	135	135
2/21/2022	2	52	135	135
2/21/2022	3	50	135	135
2/21/2022	4	49	135	135
2/21/2022	5	51	135	135
2/21/2022	6	54	150	150
2/21/2022	7	54	150	150
2/21/2022	8	57	150	150
2/21/2022	9	66	150	150
2/21/2022	10	70	150	150
2/21/2022	11	74	150	150
2/21/2022	12	74	150	150
2/21/2022	13	74	150	150
2/21/2022	14	77	150	150
2/21/2022	15	76	150	150
2/21/2022	16	75	150	150
2/21/2022	17	71	150	150
2/21/2022	18	71	150	150
2/21/2022	19	72	150	150
2/21/2022	20	70	150	150
2/21/2022	21	68	150	150
2/21/2022	22	65	150	150
2/21/2022	23	61	150	150
2/21/2022	24	58	150	150
2/22/2022	1	54	130	127
2/22/2022	2	52	130	127
2/22/2022	3	50	127	127
2/22/2022	4	50	127	127
2/22/2022	5	51	128	127
2/22/2022	6	54	130	127
2/22/2022	7	55	130	127
2/22/2022	8	59	130	127
2/22/2022	9	66	130	127
2/22/2022	10	70	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/22/2022	11	72	150	150
2/22/2022	12	72	150	150
2/22/2022	13	73	150	150
2/22/2022	14	76	150	150
2/22/2022	15	74	150	150
2/22/2022	16	73	150	150
2/22/2022	17	69	150	150
2/22/2022	18	70	150	150
2/22/2022	19	70	150	150
2/22/2022	20	69	150	150
2/22/2022	21	66	150	150
2/22/2022	22	63	128	120
2/22/2022	23	60	130	120
2/22/2022	24	57	120	120
2/23/2022	1	51	127	127
2/23/2022	2	50	127	127
2/23/2022	3	48	127	127
2/23/2022	4	48	127	127
2/23/2022	5	49	127	127
2/23/2022	6	53	127	127
2/23/2022	7	53	127	127
2/23/2022	8	57	127	127
2/23/2022	9	64	131	127
2/23/2022	10	69	150	150
2/23/2022	11	70	150	150
2/23/2022	12	70	150	150
2/23/2022	13	71	150	150
2/23/2022	14	74	150	150
2/23/2022	15	74	150	150
2/23/2022	16	72	150	150
2/23/2022	17	69	150	150
2/23/2022	18	70	150	150
2/23/2022	19	70	150	150
2/23/2022	20	68	150	150
2/23/2022	21	66	150	150
2/23/2022	22	62	130	120
2/23/2022	23	59	132	120
2/23/2022	24	55	120	120
2/24/2022	1	52	127	127
2/24/2022	2	51	127	127
2/24/2022	3	49	127	127
2/24/2022	4	49	127	127
2/24/2022	5	50	127	127
2/24/2022	6	53	127	127
2/24/2022	7	54	127	127
2/24/2022	8	57	127	127
2/24/2022	9	64	127	127
2/24/2022	10	69	150	150
2/24/2022	11	70	150	150
2/24/2022	12	71	150	150
2/24/2022	13	71	150	150
2/24/2022	14	74	150	150
2/24/2022	15	73	150	150
2/24/2022	16	72	150	150
2/24/2022	17	68	150	150
2/24/2022	18	70	150	150
2/24/2022	19	70	150	150
2/24/2022	20	68	150	150
2/24/2022	21	66	150	150
2/24/2022	22	62	132	120
2/24/2022	23	58	124	120
2/24/2022	24	55	120	120
2/25/2022	1	52	115	115
2/25/2022	2	50	115	115
2/25/2022	3	48	115	115

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/25/2022	4	47	115	115
2/25/2022	5	50	115	115
2/25/2022	6	51	127	127
2/25/2022	7	52	127	127
2/25/2022	8	55	127	127
2/25/2022	9	59	132	131
2/25/2022	10	63	150	150
2/25/2022	11	65	150	150
2/25/2022	12	65	150	150
2/25/2022	13	67	150	150
2/25/2022	14	68	150	150
2/25/2022	15	68	150	150
2/25/2022	16	67	150	150
2/25/2022	17	68	150	150
2/25/2022	18	70	150	150
2/25/2022	19	68	150	150
2/25/2022	20	66	150	150
2/25/2022	21	64	150	150
2/25/2022	22	61	127	120
2/25/2022	23	58	124	120
2/25/2022	24	54	120	120
2/26/2022	1	54	127	127
2/26/2022	2	53	127	127
2/26/2022	3	52	127	127
2/26/2022	4	51	127	127
2/26/2022	5	52	127	127
2/26/2022	6	54	127	127
2/26/2022	7	53	127	127
2/26/2022	8	54	127	127
2/26/2022	9	58	127	127
2/26/2022	10	61	150	150
2/26/2022	11	63	150	150
2/26/2022	12	62	150	150
2/26/2022	13	63	150	150
2/26/2022	14	64	150	150
2/26/2022	15	65	150	150
2/26/2022	16	64	150	150
2/26/2022	17	63	150	150
2/26/2022	18	66	150	150
2/26/2022	19	68	150	150
2/26/2022	20	65	150	150
2/26/2022	21	63	150	150
2/26/2022	22	60	120	120
2/26/2022	23	56	120	120
2/26/2022	24	54	120	120
2/27/2022	1	51	102	102
2/27/2022	2	49	102	102
2/27/2022	3	48	102	102
2/27/2022	4	48	102	102
2/27/2022	5	49	102	102
2/27/2022	6	50	102	102
2/27/2022	7	50	102	102
2/27/2022	8	50	102	102
2/27/2022	9	50	102	102
2/27/2022	10	52	106	106
2/27/2022	11	55	110	110
2/27/2022	12	55	112	112
2/27/2022	13	56	113	113
2/27/2022	14	56	116	116
2/27/2022	15	57	121	121
2/27/2022	16	57	115	115
2/27/2022	17	58	112	112
2/27/2022	18	63	110	110
2/27/2022	19	64	105	105
2/27/2022	20	61	105	105

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/27/2022	21	59	105	105
2/27/2022	22	56	103	103
2/27/2022	23	54	102	102
2/27/2022	24	50	102	102
2/28/2022	1	50	102	102
2/28/2022	2	48	102	102
2/28/2022	3	48	102	102
2/28/2022	4	46	102	102
2/28/2022	5	48	102	102
2/28/2022	6	52	102	102
2/28/2022	7	53	102	102
2/28/2022	8	56	102	102
2/28/2022	9	63	116	116
2/28/2022	10	67	131	131
2/28/2022	11	70	142	142
2/28/2022	12	70	146	146
2/28/2022	13	70	149	149
2/28/2022	14	74	150	150
2/28/2022	15	74	150	150
2/28/2022	16	72	148	148
2/28/2022	17	68	150	150
2/28/2022	18	69	142	142
2/28/2022	19	70	138	138
2/28/2022	20	67	132	132
2/28/2022	21	65	132	132
2/28/2022	22	62	112	112
2/28/2022	23	58	116	116
2/28/2022	24	55	112	112
3/1/2022	1	51	105	105
3/1/2022	2	50	105	105
3/1/2022	3	48	105	105
3/1/2022	4	48	105	105
3/1/2022	5	50	105	105
3/1/2022	6	53	119	105
3/1/2022	7	54	121	105
3/1/2022	8	57	126	105
3/1/2022	9	64	150	105
3/1/2022	10	67	150	150
3/1/2022	11	70	150	150
3/1/2022	12	70	150	150
3/1/2022	13	69	150	150
3/1/2022	14	73	150	150
3/1/2022	15	72	150	150
3/1/2022	16	71	150	150
3/1/2022	17	67	150	150
3/1/2022	18	70	150	150
3/1/2022	19	70	150	150
3/1/2022	20	67	150	150
3/1/2022	21	65	150	150
3/1/2022	22	61	148	115
3/1/2022	23	57	148	115
3/1/2022	24	54	147	115
3/2/2022	1	51	105	105
3/2/2022	2	50	105	105
3/2/2022	3	49	105	105
3/2/2022	4	48	105	105
3/2/2022	5	50	105	105
3/2/2022	6	54	105	105
3/2/2022	7	54	105	105
3/2/2022	8	57	105	105
3/2/2022	9	63	105	105
3/2/2022	10	68	150	150
3/2/2022	11	70	150	150
3/2/2022	12	71	150	150
3/2/2022	13	72	150	150

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/2/2022	14	74	150	150
3/2/2022	15	73	150	150
3/2/2022	16	71	150	150
3/2/2022	17	69	150	150
3/2/2022	18	71	150	150
3/2/2022	19	70	150	150
3/2/2022	20	67	150	150
3/2/2022	21	65	150	150
3/2/2022	22	61	150	125
3/2/2022	23	58	125	125
3/2/2022	24	55	125	125
3/3/2022	1	52	109	105
3/3/2022	2	51	109	105
3/3/2022	3	49	109	105
3/3/2022	4	49	105	105
3/3/2022	5	51	109	105
3/3/2022	6	54	109	105
3/3/2022	7	54	110	105
3/3/2022	8	57	110	105
3/3/2022	9	65	136	105
3/3/2022	10	70	150	150
3/3/2022	11	72	150	150
3/3/2022	12	69	150	150
3/3/2022	13	69	150	150
3/3/2022	14	73	150	150
3/3/2022	15	72	150	150
3/3/2022	16	71	150	150
3/3/2022	17	69	150	150
3/3/2022	18	69	150	150
3/3/2022	19	71	150	150
3/3/2022	20	68	150	150
3/3/2022	21	66	150	150
3/3/2022	22	62	148	115
3/3/2022	23	59	136	115
3/3/2022	24	55	115	115
3/4/2022	1	54	105	105
3/4/2022	2	53	105	105
3/4/2022	3	52	105	105
3/4/2022	4	51	105	105
3/4/2022	5	52	105	105
3/4/2022	6	56	106	105
3/4/2022	7	55	106	105
3/4/2022	8	59	123	105
3/4/2022	9	66	116	105
3/4/2022	10	71	150	150
3/4/2022	11	74	150	150
3/4/2022	12	72	150	150
3/4/2022	13	74	150	150
3/4/2022	14	77	150	150
3/4/2022	15	77	150	150
3/4/2022	16	75	150	150
3/4/2022	17	70	150	150
3/4/2022	18	71	150	150
3/4/2022	19	71	150	150
3/4/2022	20	70	150	150
3/4/2022	21	67	150	150
3/4/2022	22	64	145	115
3/4/2022	23	61	131	115
3/4/2022	24	58	115	115
3/5/2022	1	53	105	105
3/5/2022	2	52	106	105
3/5/2022	3	50	105	105
3/5/2022	4	50	105	105
3/5/2022	5	50	105	105
3/5/2022	6	52	107	105

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/5/2022	7	52	107	105
3/5/2022	8	54	110	105
3/5/2022	9	58	105	105
3/5/2022	10	61	150	150
3/5/2022	11	64	150	150
3/5/2022	12	62	150	150
3/5/2022	13	64	150	150
3/5/2022	14	66	150	150
3/5/2022	15	65	150	150
3/5/2022	16	64	150	150
3/5/2022	17	64	150	150
3/5/2022	18	66	150	150
3/5/2022	19	68	150	150
3/5/2022	20	66	150	150
3/5/2022	21	63	150	150
3/5/2022	22	60	144	115
3/5/2022	23	57	115	115
3/5/2022	24	54	115	115
3/6/2022	1	51	105	105
3/6/2022	2	50	105	105
3/6/2022	3	49	105	105
3/6/2022	4	48	105	105
3/6/2022	5	49	105	105
3/6/2022	6	50	105	105
3/6/2022	7	51	105	105
3/6/2022	8	51	105	105
3/6/2022	9	50	105	105
3/6/2022	10	52	130	130
3/6/2022	11	54	130	130
3/6/2022	12	54	130	130
3/6/2022	13	54	130	130
3/6/2022	14	54	150	150
3/6/2022	15	55	150	150
3/6/2022	16	55	150	150
3/6/2022	17	57	150	150
3/6/2022	18	62	150	150
3/6/2022	19	64	150	150
3/6/2022	20	62	150	150
3/6/2022	21	60	150	150
3/6/2022	22	56	145	115
3/6/2022	23	52	115	115
3/6/2022	24	49	115	115
3/7/2022	1	48	105	105
3/7/2022	2	48	105	105
3/7/2022	3	46	105	105
3/7/2022	4	46	105	105
3/7/2022	5	49	108	105
3/7/2022	6	53	123	105
3/7/2022	7	53	123	105
3/7/2022	8	56	148	105
3/7/2022	9	64	149	105
3/7/2022	10	69	150	150
3/7/2022	11	71	150	150
3/7/2022	12	72	150	150
3/7/2022	13	73	150	150
3/7/2022	14	76	150	150
3/7/2022	15	75	150	150
3/7/2022	16	73	150	150
3/7/2022	17	70	150	150
3/7/2022	18	70	150	150
3/7/2022	19	71	150	150
3/7/2022	20	68	150	150
3/7/2022	21	66	150	150
3/7/2022	22	62	146	115
3/7/2022	23	59	123	115

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/7/2022	24	56	122	115
3/8/2022	1	51	100	100
3/8/2022	2	50	100	100
3/8/2022	3	49	100	100
3/8/2022	4	48	100	100
3/8/2022	5	50	100	100
3/8/2022	6	53	100	100
3/8/2022	7	54	100	100
3/8/2022	8	58	100	100
3/8/2022	9	64	100	100
3/8/2022	10	68	135	135
3/8/2022	11	70	135	135
3/8/2022	12	73	135	135
3/8/2022	13	74	135	135
3/8/2022	14	76	135	135
3/8/2022	15	74	135	135
3/8/2022	16	72	135	135
3/8/2022	17	69	135	135
3/8/2022	18	70	135	135
3/8/2022	19	71	135	135
3/8/2022	20	69	135	135
3/8/2022	21	66	135	135
3/8/2022	22	63	110	110
3/8/2022	23	60	110	110
3/8/2022	24	56	110	110
3/9/2022	1	52	100	100
3/9/2022	2	50	100	100
3/9/2022	3	49	100	100
3/9/2022	4	48	100	100
3/9/2022	5	50	100	100
3/9/2022	6	54	100	100
3/9/2022	7	54	100	100
3/9/2022	8	57	100	100
3/9/2022	9	64	101	100
3/9/2022	10	70	135	135
3/9/2022	11	72	135	135
3/9/2022	12	72	135	135
3/9/2022	13	73	135	135
3/9/2022	14	75	135	135
3/9/2022	15	74	135	135
3/9/2022	16	72	135	135
3/9/2022	17	70	135	135
3/9/2022	18	71	135	135
3/9/2022	19	70	135	135
3/9/2022	20	68	135	135
3/9/2022	21	64	135	135
3/9/2022	22	61	111	105
3/9/2022	23	58	105	105
3/9/2022	24	54	105	105
3/10/2022	1	52	100	100
3/10/2022	2	50	100	100
3/10/2022	3	49	100	100
3/10/2022	4	49	100	100
3/10/2022	5	50	100	100
3/10/2022	6	54	100	100
3/10/2022	7	54	100	100
3/10/2022	8	58	100	100
3/10/2022	9	65	115	115
3/10/2022	10	69	135	135
3/10/2022	11	72	135	135
3/10/2022	12	72	135	135
3/10/2022	13	71	135	135
3/10/2022	14	75	135	135
3/10/2022	15	73	135	135
3/10/2022	16	72	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/10/2022	17	69	135	135
3/10/2022	18	70	125	125
3/10/2022	19	70	125	125
3/10/2022	20	67	125	125
3/10/2022	21	64	125	125
3/10/2022	22	60	112	100
3/10/2022	23	57	100	100
3/10/2022	24	54	100	100
3/11/2022	1	52	100	100
3/11/2022	2	50	100	100
3/11/2022	3	49	100	100
3/11/2022	4	48	100	100
3/11/2022	5	50	100	100
3/11/2022	6	54	100	100
3/11/2022	7	53	100	100
3/11/2022	8	58	100	100
3/11/2022	9	65	120	120
3/11/2022	10	69	135	135
3/11/2022	11	73	135	135
3/11/2022	12	72	135	135
3/11/2022	13	73	135	135
3/11/2022	14	75	135	135
3/11/2022	15	74	135	135
3/11/2022	16	72	135	135
3/11/2022	17	69	135	135
3/11/2022	18	70	135	135
3/11/2022	19	70	135	135
3/11/2022	20	67	135	135
3/11/2022	21	64	135	135
3/11/2022	22	60	110	100
3/11/2022	23	57	100	100
3/11/2022	24	54	100	100
3/12/2022	1	55	85	85
3/12/2022	2	54	85	85
3/12/2022	3	52	80	80
3/12/2022	4	52	80	80
3/12/2022	5	53	80	80
3/12/2022	6	56	90	90
3/12/2022	7	54	80	80
3/12/2022	8	57	90	90
3/12/2022	9	63	90	90
3/12/2022	10	67	100	100
3/12/2022	11	70	100	100
3/12/2022	12	69	100	100
3/12/2022	13	70	100	100
3/12/2022	14	72	105	105
3/12/2022	15	71	105	105
3/12/2022	16	70	100	100
3/12/2022	17	69	104	104
3/12/2022	18	76	126	126
3/12/2022	19	73	120	120
3/12/2022	20	71	111	111
3/12/2022	21	69	110	110
3/12/2022	22	66	100	100
3/12/2022	23	62	100	100
3/12/2022	24	58	100	100
3/13/2022	1	52	100	100
3/13/2022	2	50	100	100
3/13/2022	3	49	100	100
3/13/2022	4	48	100	100
3/13/2022	5	50	100	100
3/13/2022	6	51	100	100
3/13/2022	7	51	100	100
3/13/2022	8	49	100	100
3/13/2022	9	51	120	120

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/13/2022	10	52	135	135
3/13/2022	11	54	135	135
3/13/2022	12	56	135	135
3/13/2022	13	55	135	135
3/13/2022	14	55	135	135
3/13/2022	15	55	135	135
3/13/2022	16	54	135	135
3/13/2022	17	56	135	135
3/13/2022	18	63	135	135
3/13/2022	19	65	135	135
3/13/2022	20	63	135	135
3/13/2022	21	61	135	135
3/13/2022	22	57	112	100
3/13/2022	23	53	100	100
3/13/2022	24	50	100	100
3/14/2022	1	49	100	100
3/14/2022	2	48	100	100
3/14/2022	3	47	100	100
3/14/2022	4	47	100	100
3/14/2022	5	48	100	100
3/14/2022	6	52	100	100
3/14/2022	7	52	100	100
3/14/2022	8	56	100	100
3/14/2022	9	63	120	120
3/14/2022	10	68	135	135
3/14/2022	11	72	135	135
3/14/2022	12	73	135	135
3/14/2022	13	72	135	135
3/14/2022	14	76	135	135
3/14/2022	15	75	135	135
3/14/2022	16	74	135	135
3/14/2022	17	70	135	135
3/14/2022	18	71	135	135
3/14/2022	19	70	135	135
3/14/2022	20	68	135	135
3/14/2022	21	66	135	135
3/14/2022	22	62	114	100
3/14/2022	23	59	100	100
3/14/2022	24	56	100	100
3/15/2022	1	52	100	100
3/15/2022	2	50	100	100
3/15/2022	3	48	100	100
3/15/2022	4	48	100	100
3/15/2022	5	50	100	100
3/15/2022	6	54	100	100
3/15/2022	7	53	100	100
3/15/2022	8	58	100	100
3/15/2022	9	66	115	115
3/15/2022	10	72	135	135
3/15/2022	11	76	135	135
3/15/2022	12	76	135	135
3/15/2022	13	77	135	135
3/15/2022	14	80	137	135
3/15/2022	15	78	137	135
3/15/2022	16	76	135	135
3/15/2022	17	71	135	135
3/15/2022	18	72	135	135
3/15/2022	19	72	135	135
3/15/2022	20	70	135	135
3/15/2022	21	68	135	135
3/15/2022	22	65	120	120
3/15/2022	23	60	120	120
3/15/2022	24	58	120	120
3/16/2022	1	53	100	100
3/16/2022	2	52	100	100

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/16/2022	3	50	100	100
3/16/2022	4	49	100	100
3/16/2022	5	51	100	100
3/16/2022	6	55	100	100
3/16/2022	7	55	100	100
3/16/2022	8	59	100	100
3/16/2022	9	67	122	122
3/16/2022	10	73	135	135
3/16/2022	11	77	135	135
3/16/2022	12	77	135	135
3/16/2022	13	77	135	135
3/16/2022	14	80	135	135
3/16/2022	15	79	135	135
3/16/2022	16	77	135	135
3/16/2022	17	71	135	135
3/16/2022	18	72	135	135
3/16/2022	19	72	135	135
3/16/2022	20	70	135	135
3/16/2022	21	67	135	135
3/16/2022	22	64	112	110
3/16/2022	23	61	110	110
3/16/2022	24	58	110	110
3/17/2022	1	56	100	100
3/17/2022	2	53	100	100
3/17/2022	3	52	100	100
3/17/2022	4	51	100	100
3/17/2022	5	53	100	100
3/17/2022	6	56	100	100
3/17/2022	7	55	135	135
3/17/2022	8	60	135	135
3/17/2022	9	69	137	135
3/17/2022	10	74	137	135
3/17/2022	11	76	137	135
3/17/2022	12	76	137	135
3/17/2022	13	77	137	135
3/17/2022	14	80	137	135
3/17/2022	15	79	137	135
3/17/2022	16	78	137	135
3/17/2022	17	73	137	135
3/17/2022	18	74	137	135
3/17/2022	19	75	137	135
3/17/2022	20	73	137	135
3/17/2022	21	70	135	135
3/17/2022	22	65	135	135
3/17/2022	23	61	135	135
3/17/2022	24	58	135	135
3/18/2022	1	56	100	100
3/18/2022	2	54	100	100
3/18/2022	3	52	100	100
3/18/2022	4	52	100	100
3/18/2022	5	54	100	100
3/18/2022	6	56	100	100
3/18/2022	7	55	120	120
3/18/2022	8	60	135	135
3/18/2022	9	68	135	135
3/18/2022	10	73	135	135
3/18/2022	11	77	135	135
3/18/2022	12	77	135	135
3/18/2022	13	78	135	135
3/18/2022	14	80	135	135
3/18/2022	15	78	135	135
3/18/2022	16	77	135	135
3/18/2022	17	72	135	135
3/18/2022	18	74	135	135
3/18/2022	19	74	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/18/2022	20	72	135	135
3/18/2022	21	69	135	135
3/18/2022	22	66	130	130
3/18/2022	23	62	130	130
3/18/2022	24	59	130	130
3/19/2022	1	55	100	100
3/19/2022	2	53	100	100
3/19/2022	3	51	100	100
3/19/2022	4	51	100	100
3/19/2022	5	53	100	100
3/19/2022	6	54	100	100
3/19/2022	7	53	120	120
3/19/2022	8	55	135	135
3/19/2022	9	60	135	135
3/19/2022	10	64	135	135
3/19/2022	11	67	135	135
3/19/2022	12	68	135	135
3/19/2022	13	68	135	135
3/19/2022	14	69	135	135
3/19/2022	15	69	135	135
3/19/2022	16	66	135	135
3/19/2022	17	65	135	135
3/19/2022	18	68	135	135
3/19/2022	19	69	135	135
3/19/2022	20	69	135	135
3/19/2022	21	67	135	135
3/19/2022	22	62	130	130
3/19/2022	23	59	130	130
3/19/2022	24	56	130	130
3/20/2022	1	52	100	100
3/20/2022	2	51	100	100
3/20/2022	3	50	100	100
3/20/2022	4	49	100	100
3/20/2022	5	50	100	100
3/20/2022	6	52	100	100
3/20/2022	7	50	120	120
3/20/2022	8	51	120	120
3/20/2022	9	52	125	125
3/20/2022	10	55	135	135
3/20/2022	11	59	135	135
3/20/2022	12	60	135	135
3/20/2022	13	62	135	135
3/20/2022	14	62	135	135
3/20/2022	15	61	135	135
3/20/2022	16	60	135	135
3/20/2022	17	60	135	135
3/20/2022	18	65	135	135
3/20/2022	19	65	135	135
3/20/2022	20	65	135	135
3/20/2022	21	63	135	135
3/20/2022	22	61	114	111
3/20/2022	23	57	111	111
3/20/2022	24	54	111	111
3/21/2022	1	53	100	100
3/21/2022	2	52	100	100
3/21/2022	3	51	100	100
3/21/2022	4	50	100	100
3/21/2022	5	53	100	100
3/21/2022	6	55	100	100
3/21/2022	7	55	120	120
3/21/2022	8	60	120	120
3/21/2022	9	67	125	125
3/21/2022	10	71	135	135
3/21/2022	11	74	135	135
3/21/2022	12	75	135	135

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/21/2022	13	77	135	135
3/21/2022	14	78	135	135
3/21/2022	15	76	135	135
3/21/2022	16	76	135	135
3/21/2022	17	72	135	135
3/21/2022	18	72	135	135
3/21/2022	19	72	135	135
3/21/2022	20	70	135	135
3/21/2022	21	67	135	135
3/21/2022	22	62	121	111
3/21/2022	23	60	111	111
3/21/2022	24	56	111	111
3/22/2022	1	52	100	100
3/22/2022	2	50	100	100
3/22/2022	3	49	100	100
3/22/2022	4	48	100	100
3/22/2022	5	49	100	100
3/22/2022	6	53	100	100
3/22/2022	7	53	120	120
3/22/2022	8	57	120	120
3/22/2022	9	66	125	125
3/22/2022	10	71	135	135
3/22/2022	11	74	135	135
3/22/2022	12	74	135	135
3/22/2022	13	75	135	135
3/22/2022	14	79	135	135
3/22/2022	15	78	135	135
3/22/2022	16	76	135	135
3/22/2022	17	72	135	135
3/22/2022	18	73	135	135
3/22/2022	19	74	135	135
3/22/2022	20	72	135	135
3/22/2022	21	69	135	135
3/22/2022	22	66	124	111
3/22/2022	23	62	111	111
3/22/2022	24	59	111	111
3/23/2022	1	54	100	100
3/23/2022	2	52	100	100
3/23/2022	3	51	100	100
3/23/2022	4	50	100	100
3/23/2022	5	53	100	100
3/23/2022	6	56	100	100
3/23/2022	7	56	122	122
3/23/2022	8	59	122	122
3/23/2022	9	68	122	122
3/23/2022	10	73	135	135
3/23/2022	11	77	135	135
3/23/2022	12	77	135	135
3/23/2022	13	78	135	135
3/23/2022	14	80	135	135
3/23/2022	15	78	135	135
3/23/2022	16	77	135	135
3/23/2022	17	72	135	135
3/23/2022	18	72	135	135
3/23/2022	19	74	135	135
3/23/2022	20	70	135	135
3/23/2022	21	68	135	135
3/23/2022	22	65	122	122
3/23/2022	23	61	122	122
3/23/2022	24	58	122	122
3/24/2022	1	56	100	100
3/24/2022	2	55	100	100
3/24/2022	3	53	100	100
3/24/2022	4	53	100	100
3/24/2022	5	54	100	100

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/24/2022	6	56	100	100
3/24/2022	7	55	122	122
3/24/2022	8	60	122	122
3/24/2022	9	68	122	122
3/24/2022	10	74	135	135
3/24/2022	11	77	135	135
3/24/2022	12	76	135	135
3/24/2022	13	77	135	135
3/24/2022	14	81	135	135
3/24/2022	15	80	135	135
3/24/2022	16	79	135	135
3/24/2022	17	72	135	135
3/24/2022	18	75	135	135
3/24/2022	19	75	135	135
3/24/2022	20	73	135	135
3/24/2022	21	71	135	135
3/24/2022	22	66	122	122
3/24/2022	23	63	122	122
3/24/2022	24	59	122	122
3/25/2022	1	56	100	100
3/25/2022	2	54	100	100
3/25/2022	3	53	100	100
3/25/2022	4	52	100	100
3/25/2022	5	55	100	100
3/25/2022	6	58	100	100
3/25/2022	7	56	126	126
3/25/2022	8	60	126	126
3/25/2022	9	69	137	126
3/25/2022	10	74	137	135
3/25/2022	11	77	137	135
3/25/2022	12	76	137	135
3/25/2022	13	76	137	135
3/25/2022	14	80	137	135
3/25/2022	15	80	137	135
3/25/2022	16	78	137	135
3/25/2022	17	73	137	135
3/25/2022	18	74	137	135
3/25/2022	19	76	137	135
3/25/2022	20	73	135	135
3/25/2022	21	71	135	135
3/25/2022	22	66	122	122
3/25/2022	23	63	122	122
3/25/2022	24	59	122	122
3/26/2022	1	56	100	100
3/26/2022	2	54	100	100
3/26/2022	3	52	100	100
3/26/2022	4	51	100	100
3/26/2022	5	52	100	100
3/26/2022	6	54	100	100
3/26/2022	7	53	126	126
3/26/2022	8	56	126	126
3/26/2022	9	61	135	126
3/26/2022	10	66	135	135
3/26/2022	11	69	135	135
3/26/2022	12	69	135	135
3/26/2022	13	69	135	135
3/26/2022	14	72	135	135
3/26/2022	15	70	135	135
3/26/2022	16	68	135	135
3/26/2022	17	66	135	135
3/26/2022	18	68	135	135
3/26/2022	19	71	135	135
3/26/2022	20	69	135	135
3/26/2022	21	67	135	135
3/26/2022	22	62	122	122

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/26/2022	23	59	122	122
3/26/2022	24	56	122	122
3/27/2022	1	54	100	100
3/27/2022	2	53	100	100
3/27/2022	3	50	100	100
3/27/2022	4	50	100	100
3/27/2022	5	52	100	100
3/27/2022	6	52	100	100
3/27/2022	7	51	126	126
3/27/2022	8	52	126	126
3/27/2022	9	53	126	126
3/27/2022	10	56	135	135
3/27/2022	11	60	135	135
3/27/2022	12	61	135	135
3/27/2022	13	63	135	135
3/27/2022	14	64	135	135
3/27/2022	15	61	135	135
3/27/2022	16	60	135	135
3/27/2022	17	61	135	135
3/27/2022	18	65	135	135
3/27/2022	19	66	135	135
3/27/2022	20	64	135	135
3/27/2022	21	63	135	135
3/27/2022	22	61	122	122
3/27/2022	23	58	122	122
3/27/2022	24	54	122	122
3/28/2022	1	56	100	100
3/28/2022	2	54	100	100
3/28/2022	3	52	100	100
3/28/2022	4	52	100	100
3/28/2022	5	54	100	100
3/28/2022	6	58	100	100
3/28/2022	7	56	126	126
3/28/2022	8	61	126	126
3/28/2022	9	69	126	126
3/28/2022	10	74	135	135
3/28/2022	11	76	135	135
3/28/2022	12	77	135	135
3/28/2022	13	77	135	135
3/28/2022	14	80	135	135
3/28/2022	15	79	135	135
3/28/2022	16	78	135	135
3/28/2022	17	73	135	135
3/28/2022	18	75	135	135
3/28/2022	19	76	135	135
3/28/2022	20	72	135	135
3/28/2022	21	71	135	135
3/28/2022	22	67	122	122
3/28/2022	23	62	122	122
3/28/2022	24	59	122	122
3/29/2022	1	52	100	100
3/29/2022	2	50	100	100
3/29/2022	3	49	100	100
3/29/2022	4	50	100	100
3/29/2022	5	51	100	100
3/29/2022	6	55	100	100
3/29/2022	7	54	112	112
3/29/2022	8	58	112	112
3/29/2022	9	66	122	112
3/29/2022	10	72	125	125
3/29/2022	11	76	129	129
3/29/2022	12	76	135	135
3/29/2022	13	77	135	135
3/29/2022	14	80	135	135
3/29/2022	15	80	135	135

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/29/2022	16	78	135	135
3/29/2022	17	73	135	135
3/29/2022	18	74	135	135
3/29/2022	19	76	135	135
3/29/2022	20	73	130	129
3/29/2022	21	71	127	123
3/29/2022	22	66	122	112
3/29/2022	23	63	112	112
3/29/2022	24	60	112	112
3/30/2022	1	56	100	100
3/30/2022	2	54	100	100
3/30/2022	3	52	100	100
3/30/2022	4	51	100	100
3/30/2022	5	53	100	100
3/30/2022	6	57	100	100
3/30/2022	7	56	112	112
3/30/2022	8	62	112	112
3/30/2022	9	69	112	112
3/30/2022	10	75	120	120
3/30/2022	11	77	129	129
3/30/2022	12	77	135	135
3/30/2022	13	78	135	135
3/30/2022	14	80	135	135
3/30/2022	15	80	135	135
3/30/2022	16	78	135	135
3/30/2022	17	73	135	135
3/30/2022	18	74	135	135
3/30/2022	19	76	135	135
3/30/2022	20	73	125	125
3/30/2022	21	71	123	123
3/30/2022	22	66	112	112
3/30/2022	23	63	112	112
3/30/2022	24	60	112	112
3/31/2022	1	55	100	100
3/31/2022	2	54	100	100
3/31/2022	3	53	100	100
3/31/2022	4	52	100	100
3/31/2022	5	54	100	100
3/31/2022	6	58	100	100
3/31/2022	7	56	112	112
3/31/2022	8	60	112	112
3/31/2022	9	68	112	112
3/31/2022	10	73	120	120
3/31/2022	11	77	129	129
3/31/2022	12	76	135	135
3/31/2022	13	79	135	135
3/31/2022	14	81	135	135
3/31/2022	15	79	135	135
3/31/2022	16	76	135	135
3/31/2022	17	72	135	135
3/31/2022	18	74	135	135
3/31/2022	19	75	135	135
3/31/2022	20	72	125	125
3/31/2022	21	69	123	123
3/31/2022	22	67	112	112
3/31/2022	23	62	112	112
3/31/2022	24	58	112	112
4/1/2022	1	56	100	100
4/1/2022	2	54	100	100
4/1/2022	3	52	100	100
4/1/2022	4	53	100	100
4/1/2022	5	55	100	100
4/1/2022	6	58	100	100
4/1/2022	7	56	100	100
4/1/2022	8	62	100	100

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/1/2022	9	68	110	110
4/1/2022	10	75	123	123
4/1/2022	11	78	135	135
4/1/2022	12	78	135	135
4/1/2022	13	79	135	135
4/1/2022	14	82	135	135
4/1/2022	15	80	135	135
4/1/2022	16	78	135	135
4/1/2022	17	73	135	135
4/1/2022	18	74	119	119
4/1/2022	19	76	129	129
4/1/2022	20	73	110	110
4/1/2022	21	71	110	110
4/1/2022	22	66	100	100
4/1/2022	23	63	100	100
4/1/2022	24	59	100	100
4/2/2022	1	58	100	100
4/2/2022	2	55	100	100
4/2/2022	3	54	100	100
4/2/2022	4	53	100	100
4/2/2022	5	55	100	100
4/2/2022	6	57	100	100
4/2/2022	7	56	100	100
4/2/2022	8	57	100	100
4/2/2022	9	60	110	110
4/2/2022	10	64	123	123
4/2/2022	11	67	135	135
4/2/2022	12	68	135	135
4/2/2022	13	69	135	135
4/2/2022	14	70	135	135
4/2/2022	15	69	135	135
4/2/2022	16	66	135	135
4/2/2022	17	65	135	135
4/2/2022	18	69	119	119
4/2/2022	19	71	129	129
4/2/2022	20	68	105	105
4/2/2022	21	66	105	105
4/2/2022	22	62	100	100
4/2/2022	23	58	100	100
4/2/2022	24	55	100	100
4/3/2022	1	53	100	100
4/3/2022	2	51	100	100
4/3/2022	3	50	100	100
4/3/2022	4	49	100	100
4/3/2022	5	50	100	100
4/3/2022	6	52	100	100
4/3/2022	7	51	100	100
4/3/2022	8	51	100	100
4/3/2022	9	52	110	110
4/3/2022	10	54	123	123
4/3/2022	11	57	135	135
4/3/2022	12	58	135	135
4/3/2022	13	58	135	135
4/3/2022	14	58	135	135
4/3/2022	15	58	135	135
4/3/2022	16	57	135	135
4/3/2022	17	59	135	135
4/3/2022	18	64	119	119
4/3/2022	19	66	129	129
4/3/2022	20	63	105	105
4/3/2022	21	61	105	105
4/3/2022	22	57	100	100
4/3/2022	23	54	100	100
4/3/2022	24	51	100	100
4/4/2022	1	54	100	100

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/4/2022	2	52	100	100
4/4/2022	3	50	100	100
4/4/2022	4	49	100	100
4/4/2022	5	51	100	100
4/4/2022	6	55	100	100
4/4/2022	7	56	100	100
4/4/2022	8	62	100	100
4/4/2022	9	68	110	110
4/4/2022	10	75	123	123
4/4/2022	11	79	135	135
4/4/2022	12	78	135	135
4/4/2022	13	80	135	135
4/4/2022	14	84	135	135
4/4/2022	15	82	135	135
4/4/2022	16	79	135	135
4/4/2022	17	74	135	135
4/4/2022	18	74	119	119
4/4/2022	19	75	129	129
4/4/2022	20	74	105	105
4/4/2022	21	71	105	105
4/4/2022	22	66	100	100
4/4/2022	23	63	100	100
4/4/2022	24	60	100	100
4/5/2022	1	52	100	100
4/5/2022	2	51	100	100
4/5/2022	3	50	100	100
4/5/2022	4	49	100	100
4/5/2022	5	52	100	100
4/5/2022	6	56	100	100
4/5/2022	7	55	100	100
4/5/2022	8	58	100	100
4/5/2022	9	65	100	100
4/5/2022	10	70	125	125
4/5/2022	11	73	135	135
4/5/2022	12	71	135	135
4/5/2022	13	72	135	135
4/5/2022	14	75	135	135
4/5/2022	15	75	135	135
4/5/2022	16	73	135	135
4/5/2022	17	70	135	135
4/5/2022	18	71	123	123
4/5/2022	19	73	120	120
4/5/2022	20	70	105	105
4/5/2022	21	67	105	105
4/5/2022	22	63	100	100
4/5/2022	23	60	100	100
4/5/2022	24	56	100	100
4/6/2022	1	56	100	100
4/6/2022	2	56	100	100
4/6/2022	3	55	100	100
4/6/2022	4	52	100	100
4/6/2022	5	55	100	100
4/6/2022	6	58	100	100
4/6/2022	7	56	100	100
4/6/2022	8	61	100	100
4/6/2022	9	68	100	100
4/6/2022	10	70	125	125
4/6/2022	11	72	135	135
4/6/2022	12	71	135	135
4/6/2022	13	72	135	135
4/6/2022	14	74	135	135
4/6/2022	15	73	135	135
4/6/2022	16	72	135	135
4/6/2022	17	70	135	135
4/6/2022	18	70	123	123

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/6/2022	19	70	120	120
4/6/2022	20	67	105	105
4/6/2022	21	65	105	105
4/6/2022	22	60	100	100
4/6/2022	23	57	100	100
4/6/2022	24	54	100	100
4/7/2022	1	51	100	100
4/7/2022	2	50	100	100
4/7/2022	3	50	100	100
4/7/2022	4	48	100	100
4/7/2022	5	50	100	100
4/7/2022	6	54	100	100
4/7/2022	7	53	100	100
4/7/2022	8	57	100	100
4/7/2022	9	63	100	100
4/7/2022	10	67	125	125
4/7/2022	11	70	135	135
4/7/2022	12	70	135	135
4/7/2022	13	72	135	135
4/7/2022	14	74	135	135
4/7/2022	15	73	135	135
4/7/2022	16	73	135	135
4/7/2022	17	72	135	135
4/7/2022	18	73	123	123
4/7/2022	19	70	120	120
4/7/2022	20	66	105	105
4/7/2022	21	63	105	105
4/7/2022	22	57	100	100
4/7/2022	23	55	100	100
4/7/2022	24	52	100	100
4/8/2022	1	52	100	100
4/8/2022	2	51	100	100
4/8/2022	3	51	100	100
4/8/2022	4	49	100	100
4/8/2022	5	52	100	100
4/8/2022	6	55	100	100
4/8/2022	7	54	100	100
4/8/2022	8	58	100	100
4/8/2022	9	64	115	100
4/8/2022	10	69	125	125
4/8/2022	11	71	135	135
4/8/2022	12	71	135	135
4/8/2022	13	71	135	135
4/8/2022	14	73	135	135
4/8/2022	15	72	135	135
4/8/2022	16	72	135	135
4/8/2022	17	70	135	135
4/8/2022	18	72	123	123
4/8/2022	19	71	120	120
4/8/2022	20	68	105	105
4/8/2022	21	66	105	105
4/8/2022	22	61	100	100
4/8/2022	23	58	100	100
4/8/2022	24	54	100	100
4/9/2022	1	56	100	100
4/9/2022	2	54	100	100
4/9/2022	3	52	100	100
4/9/2022	4	52	100	100
4/9/2022	5	53	100	100
4/9/2022	6	54	100	100
4/9/2022	7	54	100	100
4/9/2022	8	55	100	100
4/9/2022	9	60	117	100
4/9/2022	10	64	125	125
4/9/2022	11	65	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/9/2022	12	65	135	135
4/9/2022	13	66	135	135
4/9/2022	14	68	135	135
4/9/2022	15	67	135	135
4/9/2022	16	66	135	135
4/9/2022	17	65	135	135
4/9/2022	18	68	123	123
4/9/2022	19	69	120	120
4/9/2022	20	66	105	105
4/9/2022	21	64	105	105
4/9/2022	22	60	100	100
4/9/2022	23	56	100	100
4/9/2022	24	54	100	100
4/10/2022	1	52	100	100
4/10/2022	2	51	100	100
4/10/2022	3	50	100	100
4/10/2022	4	49	100	100
4/10/2022	5	50	100	100
4/10/2022	6	51	100	100
4/10/2022	7	50	100	100
4/10/2022	8	50	100	100
4/10/2022	9	51	100	100
4/10/2022	10	54	125	125
4/10/2022	11	55	125	125
4/10/2022	12	56	125	125
4/10/2022	13	57	125	125
4/10/2022	14	56	125	125
4/10/2022	15	56	125	125
4/10/2022	16	55	125	125
4/10/2022	17	58	125	125
4/10/2022	18	63	123	123
4/10/2022	19	66	120	120
4/10/2022	20	62	105	105
4/10/2022	21	61	105	105
4/10/2022	22	57	100	100
4/10/2022	23	54	100	100
4/10/2022	24	50	100	100
4/11/2022	1	52	100	100
4/11/2022	2	51	100	100
4/11/2022	3	51	100	100
4/11/2022	4	49	100	100
4/11/2022	5	51	100	100
4/11/2022	6	54	100	100
4/11/2022	7	53	100	100
4/11/2022	8	59	100	100
4/11/2022	9	66	100	100
4/11/2022	10	69	125	125
4/11/2022	11	73	135	135
4/11/2022	12	72	135	135
4/11/2022	13	72	135	135
4/11/2022	14	74	135	135
4/11/2022	15	74	135	135
4/11/2022	16	74	135	135
4/11/2022	17	71	135	135
4/11/2022	18	73	123	123
4/11/2022	19	72	120	120
4/11/2022	20	70	105	105
4/11/2022	21	67	105	105
4/11/2022	22	64	100	100
4/11/2022	23	60	100	100
4/11/2022	24	57	100	100
4/12/2022	1	54	100	100
4/12/2022	2	54	100	100
4/12/2022	3	52	100	100
4/12/2022	4	52	100	100

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/12/2022	5	53	100	100
4/12/2022	6	56	100	100
4/12/2022	7	57	100	100
4/12/2022	8	59	100	100
4/12/2022	9	66	100	100
4/12/2022	10	71	125	125
4/12/2022	11	74	135	135
4/12/2022	12	72	135	135
4/12/2022	13	73	135	135
4/12/2022	14	75	135	135
4/12/2022	15	74	135	135
4/12/2022	16	73	135	135
4/12/2022	17	71	135	135
4/12/2022	18	73	123	123
4/12/2022	19	72	120	120
4/12/2022	20	69	105	105
4/12/2022	21	65	105	105
4/12/2022	22	62	100	100
4/12/2022	23	58	100	100
4/12/2022	24	55	100	100
4/13/2022	1	52	100	100
4/13/2022	2	50	100	100
4/13/2022	3	50	100	100
4/13/2022	4	49	100	100
4/13/2022	5	51	100	100
4/13/2022	6	54	100	100
4/13/2022	7	54	100	100
4/13/2022	8	59	100	100
4/13/2022	9	63	100	100
4/13/2022	10	69	125	125
4/13/2022	11	71	135	135
4/13/2022	12	70	135	135
4/13/2022	13	70	135	135
4/13/2022	14	73	135	135
4/13/2022	15	73	135	135
4/13/2022	16	72	135	135
4/13/2022	17	70	135	135
4/13/2022	18	72	123	123
4/13/2022	19	71	120	120
4/13/2022	20	68	105	105
4/13/2022	21	66	105	105
4/13/2022	22	62	100	100
4/13/2022	23	57	100	100
4/13/2022	24	53	100	100
4/14/2022	1	51	86	86
4/14/2022	2	49	86	86
4/14/2022	3	49	86	86
4/14/2022	4	48	86	86
4/14/2022	5	50	86	86
4/14/2022	6	51	86	86
4/14/2022	7	52	86	86
4/14/2022	8	54	86	86
4/14/2022	9	56	86	86
4/14/2022	10	58	86	86
4/14/2022	11	59	88	88
4/14/2022	12	60	89	89
4/14/2022	13	62	89	89
4/14/2022	14	63	92	92
4/14/2022	15	62	92	92
4/14/2022	16	62	92	92
4/14/2022	17	63	111	111
4/14/2022	18	66	135	135
4/14/2022	19	65	135	135
4/14/2022	20	63	135	135
4/14/2022	21	61	117	116

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/14/2022	22	58	86	86
4/14/2022	23	55	86	86
4/14/2022	24	51	86	86
4/15/2022	1	49	86	86
4/15/2022	2	48	86	86
4/15/2022	3	47	86	86
4/15/2022	4	46	86	86
4/15/2022	5	47	86	86
4/15/2022	6	48	86	86
4/15/2022	7	48	86	86
4/15/2022	8	50	86	86
4/15/2022	9	52	86	86
4/15/2022	10	55	86	86
4/15/2022	11	56	86	86
4/15/2022	12	58	86	86
4/15/2022	13	58	86	86
4/15/2022	14	59	86	86
4/15/2022	15	59	86	86
4/15/2022	16	58	86	86
4/15/2022	17	60	111	111
4/15/2022	18	63	135	135
4/15/2022	19	64	135	135
4/15/2022	20	62	135	135
4/15/2022	21	59	117	116
4/15/2022	22	56	86	86
4/15/2022	23	53	86	86
4/15/2022	24	50	86	86
4/16/2022	1	56	100	100
4/16/2022	2	54	100	100
4/16/2022	3	53	100	100
4/16/2022	4	52	100	100
4/16/2022	5	53	100	100
4/16/2022	6	55	100	100
4/16/2022	7	54	100	100
4/16/2022	8	55	100	100
4/16/2022	9	60	100	100
4/16/2022	10	64	101	100
4/16/2022	11	65	100	100
4/16/2022	12	65	100	100
4/16/2022	13	65	100	100
4/16/2022	14	67	103	103
4/16/2022	15	66	103	103
4/16/2022	16	65	103	103
4/16/2022	17	66	135	135
4/16/2022	18	71	135	135
4/16/2022	19	68	135	135
4/16/2022	20	67	135	135
4/16/2022	21	63	102	102
4/16/2022	22	59	100	100
4/16/2022	23	57	100	100
4/16/2022	24	54	100	100
4/17/2022	1	53	86	86
4/17/2022	2	52	86	86
4/17/2022	3	50	86	86
4/17/2022	4	49	86	86
4/17/2022	5	50	86	86
4/17/2022	6	51	86	86
4/17/2022	7	51	86	86
4/17/2022	8	51	86	86
4/17/2022	9	53	86	86
4/17/2022	10	55	86	86
4/17/2022	11	58	86	86
4/17/2022	12	59	86	86
4/17/2022	13	58	86	86
4/17/2022	14	59	87	87

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/17/2022	15	59	87	87
4/17/2022	16	58	87	87
4/17/2022	17	60	111	111
4/17/2022	18	66	135	135
4/17/2022	19	67	135	135
4/17/2022	20	64	135	135
4/17/2022	21	63	117	116
4/17/2022	22	60	86	86
4/17/2022	23	56	86	86
4/17/2022	24	52	86	86
4/18/2022	1	52	100	100
4/18/2022	2	51	100	100
4/18/2022	3	51	100	100
4/18/2022	4	49	100	100
4/18/2022	5	51	100	100
4/18/2022	6	54	100	100
4/18/2022	7	54	100	100
4/18/2022	8	59	102	102
4/18/2022	9	68	135	135
4/18/2022	10	73	135	135
4/18/2022	11	75	135	135
4/18/2022	12	75	135	135
4/18/2022	13	74	135	135
4/18/2022	14	78	135	135
4/18/2022	15	78	135	135
4/18/2022	16	76	135	135
4/18/2022	17	73	135	135
4/18/2022	18	74	135	135
4/18/2022	19	74	135	135
4/18/2022	20	72	135	135
4/18/2022	21	69	135	135
4/18/2022	22	65	135	135
4/18/2022	23	61	135	135
4/18/2022	24	58	135	135
4/19/2022	1	54	86	86
4/19/2022	2	53	86	86
4/19/2022	3	51	86	86
4/19/2022	4	51	86	86
4/19/2022	5	53	86	86
4/19/2022	6	57	86	86
4/19/2022	7	56	100	100
4/19/2022	8	61	100	100
4/19/2022	9	68	100	100
4/19/2022	10	73	125	125
4/19/2022	11	77	135	135
4/19/2022	12	76	135	135
4/19/2022	13	78	135	135
4/19/2022	14	80	135	135
4/19/2022	15	80	135	135
4/19/2022	16	78	135	135
4/19/2022	17	73	135	135
4/19/2022	18	74	123	123
4/19/2022	19	75	120	120
4/19/2022	20	73	105	105
4/19/2022	21	71	105	105
4/19/2022	22	66	100	100
4/19/2022	23	63	100	100
4/19/2022	24	59	100	100
4/20/2022	1	56	86	86
4/20/2022	2	54	86	86
4/20/2022	3	52	86	86
4/20/2022	4	52	86	86
4/20/2022	5	54	86	86
4/20/2022	6	58	86	86
4/20/2022	7	56	100	100

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/20/2022	8	61	100	100
4/20/2022	9	69	100	100
4/20/2022	10	74	125	125
4/20/2022	11	78	135	135
4/20/2022	12	76	135	135
4/20/2022	13	77	135	135
4/20/2022	14	80	135	135
4/20/2022	15	80	135	135
4/20/2022	16	78	135	135
4/20/2022	17	72	135	135
4/20/2022	18	74	123	123
4/20/2022	19	75	120	120
4/20/2022	20	73	105	105
4/20/2022	21	71	105	105
4/20/2022	22	66	100	100
4/20/2022	23	63	100	100
4/20/2022	24	60	100	100
4/21/2022	1	57	100	100
4/21/2022	2	55	100	100
4/21/2022	3	53	100	100
4/21/2022	4	53	100	100
4/21/2022	5	55	100	100
4/21/2022	6	58	100	100
4/21/2022	7	57	100	100
4/21/2022	8	62	100	100
4/21/2022	9	69	100	100
4/21/2022	10	74	125	125
4/21/2022	11	78	135	135
4/21/2022	12	77	135	135
4/21/2022	13	78	135	135
4/21/2022	14	80	135	135
4/21/2022	15	79	135	135
4/21/2022	16	78	135	135
4/21/2022	17	73	135	135
4/21/2022	18	75	123	123
4/21/2022	19	75	120	120
4/21/2022	20	73	105	105
4/21/2022	21	71	105	105
4/21/2022	22	68	100	100
4/21/2022	23	63	100	100
4/21/2022	24	60	100	100
4/22/2022	1	57	100	100
4/22/2022	2	55	100	100
4/22/2022	3	54	100	100
4/22/2022	4	53	100	100
4/22/2022	5	55	100	100
4/22/2022	6	56	100	100
4/22/2022	7	56	100	100
4/22/2022	8	62	100	100
4/22/2022	9	69	100	100
4/22/2022	10	74	125	125
4/22/2022	11	77	135	135
4/22/2022	12	76	135	135
4/22/2022	13	76	135	135
4/22/2022	14	80	135	135
4/22/2022	15	79	135	135
4/22/2022	16	78	135	135
4/22/2022	17	73	135	135
4/22/2022	18	74	123	123
4/22/2022	19	74	120	120
4/22/2022	20	72	112	111
4/22/2022	21	70	105	105
4/22/2022	22	66	100	100
4/22/2022	23	62	100	100
4/22/2022	24	59	100	100

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/23/2022	1	56	100	100
4/23/2022	2	54	100	100
4/23/2022	3	52	100	100
4/23/2022	4	52	100	100
4/23/2022	5	53	100	100
4/23/2022	6	55	100	100
4/23/2022	7	54	100	100
4/23/2022	8	56	100	100
4/23/2022	9	60	100	100
4/23/2022	10	61	100	100
4/23/2022	11	63	115	115
4/23/2022	12	64	115	115
4/23/2022	13	65	115	115
4/23/2022	14	67	132	131
4/23/2022	15	66	125	124
4/23/2022	16	66	124	123
4/23/2022	17	66	135	135
4/23/2022	18	69	135	135
4/23/2022	19	69	135	135
4/23/2022	20	67	132	132
4/23/2022	21	64	115	115
4/23/2022	22	59	100	100
4/23/2022	23	56	100	100
4/23/2022	24	54	100	100
4/24/2022	1	52	86	86
4/24/2022	2	50	86	86
4/24/2022	3	50	86	86
4/24/2022	4	48	86	86
4/24/2022	5	48	86	86
4/24/2022	6	49	86	86
4/24/2022	7	50	86	86
4/24/2022	8	50	86	86
4/24/2022	9	52	86	86
4/24/2022	10	55	86	86
4/24/2022	11	58	86	86
4/24/2022	12	59	86	86
4/24/2022	13	60	86	86
4/24/2022	14	61	86	86
4/24/2022	15	61	86	86
4/24/2022	16	61	87	87
4/24/2022	17	63	111	111
4/24/2022	18	67	135	135
4/24/2022	19	68	135	135
4/24/2022	20	66	135	135
4/24/2022	21	65	117	117
4/24/2022	22	61	87	87
4/24/2022	23	58	86	86
4/24/2022	24	54	86	86
4/25/2022	1	52	100	100
4/25/2022	2	51	100	100
4/25/2022	3	51	100	100
4/25/2022	4	49	100	100
4/25/2022	5	51	100	100
4/25/2022	6	55	110	110
4/25/2022	7	54	110	110
4/25/2022	8	60	123	122
4/25/2022	9	67	135	135
4/25/2022	10	73	135	135
4/25/2022	11	76	135	135
4/25/2022	12	78	135	135
4/25/2022	13	79	135	135
4/25/2022	14	80	135	135
4/25/2022	15	79	135	135
4/25/2022	16	78	135	135
4/25/2022	17	73	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/25/2022	18	75	135	135
4/25/2022	19	75	135	135
4/25/2022	20	73	135	135
4/25/2022	21	71	135	135
4/25/2022	22	67	135	135
4/25/2022	23	63	135	135
4/25/2022	24	59	121	120
4/26/2022	1	57	100	100
4/26/2022	2	55	100	100
4/26/2022	3	54	100	100
4/26/2022	4	52	100	100
4/26/2022	5	54	100	100
4/26/2022	6	56	100	100
4/26/2022	7	55	120	120
4/26/2022	8	62	120	120
4/26/2022	9	70	120	120
4/26/2022	10	75	122	122
4/26/2022	11	78	135	135
4/26/2022	12	77	135	135
4/26/2022	13	79	135	135
4/26/2022	14	82	135	135
4/26/2022	15	80	135	135
4/26/2022	16	79	135	135
4/26/2022	17	73	135	135
4/26/2022	18	75	135	135
4/26/2022	19	76	135	135
4/26/2022	20	73	135	135
4/26/2022	21	71	135	135
4/26/2022	22	67	135	135
4/26/2022	23	63	135	135
4/26/2022	24	59	135	135
4/27/2022	1	58	100	100
4/27/2022	2	55	100	100
4/27/2022	3	54	100	100
4/27/2022	4	53	100	100
4/27/2022	5	54	100	100
4/27/2022	6	57	100	100
4/27/2022	7	56	100	100
4/27/2022	8	61	135	135
4/27/2022	9	68	135	135
4/27/2022	10	73	135	135
4/27/2022	11	78	138	138
4/27/2022	12	77	138	138
4/27/2022	13	79	138	138
4/27/2022	14	81	138	138
4/27/2022	15	79	138	138
4/27/2022	16	78	138	138
4/27/2022	17	74	135	135
4/27/2022	18	76	138	138
4/27/2022	19	75	135	135
4/27/2022	20	73	135	135
4/27/2022	21	71	135	135
4/27/2022	22	66	135	135
4/27/2022	23	62	135	135
4/27/2022	24	59	135	135
4/28/2022	1	58	100	100
4/28/2022	2	57	100	100
4/28/2022	3	55	100	100
4/28/2022	4	54	100	100
4/28/2022	5	56	100	100
4/28/2022	6	58	100	100
4/28/2022	7	56	100	100
4/28/2022	8	63	100	100
4/28/2022	9	70	108	108
4/28/2022	10	76	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/28/2022	11	80	135	135
4/28/2022	12	80	135	135
4/28/2022	13	80	135	135
4/28/2022	14	82	135	135
4/28/2022	15	81	135	135
4/28/2022	16	79	135	135
4/28/2022	17	74	135	135
4/28/2022	18	75	135	135
4/28/2022	19	76	135	135
4/28/2022	20	73	135	135
4/28/2022	21	72	135	135
4/28/2022	22	67	135	135
4/28/2022	23	64	135	135
4/28/2022	24	61	135	135
4/29/2022	1	59	100	100
4/29/2022	2	56	100	100
4/29/2022	3	55	100	100
4/29/2022	4	54	100	100
4/29/2022	5	56	100	100
4/29/2022	6	58	100	100
4/29/2022	7	56	100	100
4/29/2022	8	62	114	114
4/29/2022	9	70	135	135
4/29/2022	10	74	135	135
4/29/2022	11	77	135	135
4/29/2022	12	76	135	135
4/29/2022	13	77	135	135
4/29/2022	14	80	135	135
4/29/2022	15	79	135	135
4/29/2022	16	78	135	135
4/29/2022	17	74	135	135
4/29/2022	18	75	135	135
4/29/2022	19	74	135	135
4/29/2022	20	73	135	135
4/29/2022	21	71	135	135
4/29/2022	22	68	135	135
4/29/2022	23	63	135	135
4/29/2022	24	59	100	100
4/30/2022	1	58	86	86
4/30/2022	2	56	86	86
4/30/2022	3	55	86	86
4/30/2022	4	53	86	86
4/30/2022	5	55	86	86
4/30/2022	6	56	86	86
4/30/2022	7	54	86	86
4/30/2022	8	56	86	86
4/30/2022	9	59	86	86
4/30/2022	10	62	87	87
4/30/2022	11	63	87	87
4/30/2022	12	62	87	87
4/30/2022	13	65	87	87
4/30/2022	14	67	87	87
4/30/2022	15	66	88	88
4/30/2022	16	66	88	88
4/30/2022	17	65	111	111
4/30/2022	18	72	135	135
4/30/2022	19	72	135	135
4/30/2022	20	71	135	135
4/30/2022	21	69	117	117
4/30/2022	22	65	86	86
4/30/2022	23	62	86	86
4/30/2022	24	59	86	86
5/1/2022	1	55	100	100
5/1/2022	2	54	100	100
5/1/2022	3	52	100	100

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/1/2022	4	50	100	100
5/1/2022	5	52	100	100
5/1/2022	6	53	100	100
5/1/2022	7	51	100	100
5/1/2022	8	52	100	100
5/1/2022	9	55	100	100
5/1/2022	10	58	100	100
5/1/2022	11	61	100	100
5/1/2022	12	61	100	100
5/1/2022	13	62	100	100
5/1/2022	14	63	100	100
5/1/2022	15	62	100	100
5/1/2022	16	61	100	100
5/1/2022	17	63	100	100
5/1/2022	18	69	117	117
5/1/2022	19	70	107	106
5/1/2022	20	68	100	100
5/1/2022	21	65	100	100
5/1/2022	22	62	100	100
5/1/2022	23	59	100	100
5/1/2022	24	57	100	100
5/2/2022	1	56	100	100
5/2/2022	2	54	100	100
5/2/2022	3	54	100	100
5/2/2022	4	52	100	100
5/2/2022	5	54	100	100
5/2/2022	6	55	100	100
5/2/2022	7	55	100	100
5/2/2022	8	63	100	100
5/2/2022	9	71	100	100
5/2/2022	10	77	135	135
5/2/2022	11	80	135	135
5/2/2022	12	81	135	135
5/2/2022	13	81	135	135
5/2/2022	14	84	135	135
5/2/2022	15	82	135	135
5/2/2022	16	81	135	135
5/2/2022	17	78	135	135
5/2/2022	18	79	135	135
5/2/2022	19	78	135	135
5/2/2022	20	77	135	135
5/2/2022	21	74	135	135
5/2/2022	22	70	135	135
5/2/2022	23	68	135	135
5/2/2022	24	62	135	135
5/3/2022	1	58	100	100
5/3/2022	2	56	100	100
5/3/2022	3	54	100	100
5/3/2022	4	53	100	100
5/3/2022	5	54	100	100
5/3/2022	6	56	100	100
5/3/2022	7	54	100	100
5/3/2022	8	59	100	100
5/3/2022	9	64	124	123
5/3/2022	10	67	124	123
5/3/2022	11	69	124	123
5/3/2022	12	68	124	123
5/3/2022	13	68	135	135
5/3/2022	14	70	135	135
5/3/2022	15	68	135	135
5/3/2022	16	68	135	135
5/3/2022	17	67	135	135
5/3/2022	18	73	135	135
5/3/2022	19	72	135	135
5/3/2022	20	69	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/3/2022	21	67	100	100
5/3/2022	22	63	100	100
5/3/2022	23	60	100	100
5/3/2022	24	56	100	100
5/4/2022	1	54	100	100
5/4/2022	2	52	100	100
5/4/2022	3	51	100	100
5/4/2022	4	50	100	100
5/4/2022	5	50	100	100
5/4/2022	6	54	100	100
5/4/2022	7	54	100	100
5/4/2022	8	58	100	100
5/4/2022	9	67	100	100
5/4/2022	10	73	135	135
5/4/2022	11	76	135	135
5/4/2022	12	78	135	135
5/4/2022	13	78	135	135
5/4/2022	14	81	135	135
5/4/2022	15	79	135	135
5/4/2022	16	76	135	135
5/4/2022	17	74	135	135
5/4/2022	18	77	135	135
5/4/2022	19	74	135	135
5/4/2022	20	71	115	115
5/4/2022	21	68	100	100
5/4/2022	22	65	100	100
5/4/2022	23	62	100	100
5/4/2022	24	58	100	100
5/5/2022	1	56	100	100
5/5/2022	2	55	100	100
5/5/2022	3	54	100	100
5/5/2022	4	53	100	100
5/5/2022	5	55	100	100
5/5/2022	6	57	100	100
5/5/2022	7	55	100	100
5/5/2022	8	61	100	100
5/5/2022	9	68	100	100
5/5/2022	10	72	135	135
5/5/2022	11	77	135	135
5/5/2022	12	76	135	135
5/5/2022	13	76	135	135
5/5/2022	14	78	135	135
5/5/2022	15	77	135	135
5/5/2022	16	76	135	135
5/5/2022	17	73	135	135
5/5/2022	18	74	135	135
5/5/2022	19	74	135	135
5/5/2022	20	71	135	135
5/5/2022	21	69	135	135
5/5/2022	22	65	100	100
5/5/2022	23	62	100	100
5/5/2022	24	59	100	100
5/6/2022	1	59	100	100
5/6/2022	2	56	100	100
5/6/2022	3	55	100	100
5/6/2022	4	54	100	100
5/6/2022	5	55	100	100
5/6/2022	6	57	112	112
5/6/2022	7	56	112	112
5/6/2022	8	62	126	126
5/6/2022	9	70	135	135
5/6/2022	10	74	135	135
5/6/2022	11	76	135	135
5/6/2022	12	77	135	135
5/6/2022	13	77	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/6/2022	14	81	135	135
5/6/2022	15	80	135	135
5/6/2022	16	77	135	135
5/6/2022	17	75	135	135
5/6/2022	18	76	135	135
5/6/2022	19	75	135	135
5/6/2022	20	74	135	135
5/6/2022	21	72	135	135
5/6/2022	22	68	135	135
5/6/2022	23	64	135	135
5/6/2022	24	61	120	120
5/7/2022	1	58	100	100
5/7/2022	2	56	100	100
5/7/2022	3	55	100	100
5/7/2022	4	53	100	100
5/7/2022	5	54	100	100
5/7/2022	6	55	100	100
5/7/2022	7	55	100	100
5/7/2022	8	57	100	100
5/7/2022	9	60	100	100
5/7/2022	10	63	135	135
5/7/2022	11	65	135	135
5/7/2022	12	64	135	135
5/7/2022	13	65	135	135
5/7/2022	14	67	135	135
5/7/2022	15	66	135	135
5/7/2022	16	66	135	135
5/7/2022	17	66	135	135
5/7/2022	18	71	135	135
5/7/2022	19	72	135	135
5/7/2022	20	69	135	135
5/7/2022	21	67	135	135
5/7/2022	22	63	102	100
5/7/2022	23	60	100	100
5/7/2022	24	57	100	100
5/8/2022	1	53	100	100
5/8/2022	2	51	100	100
5/8/2022	3	50	100	100
5/8/2022	4	48	100	100
5/8/2022	5	49	100	100
5/8/2022	6	50	100	100
5/8/2022	7	50	100	100
5/8/2022	8	50	100	100
5/8/2022	9	53	117	100
5/8/2022	10	55	118	100
5/8/2022	11	58	118	100
5/8/2022	12	59	118	100
5/8/2022	13	59	118	100
5/8/2022	14	59	118	100
5/8/2022	15	60	118	100
5/8/2022	16	59	118	100
5/8/2022	17	61	118	105
5/8/2022	18	66	135	135
5/8/2022	19	67	130	129
5/8/2022	20	65	119	119
5/8/2022	21	64	123	122
5/8/2022	22	61	118	100
5/8/2022	23	58	101	100
5/8/2022	24	54	100	100
5/9/2022	1	55	100	100
5/9/2022	2	52	100	100
5/9/2022	3	51	100	100
5/9/2022	4	51	100	100
5/9/2022	5	52	100	100
5/9/2022	6	52	100	100

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/9/2022	7	51	100	100
5/9/2022	8	52	100	100
5/9/2022	9	52	100	100
5/9/2022	10	53	100	100
5/9/2022	11	55	100	100
5/9/2022	12	58	118	100
5/9/2022	13	58	118	100
5/9/2022	14	58	118	100
5/9/2022	15	57	118	100
5/9/2022	16	58	118	100
5/9/2022	17	62	118	100
5/9/2022	18	67	135	135
5/9/2022	19	69	135	135
5/9/2022	20	67	135	135
5/9/2022	21	63	135	135
5/9/2022	22	60	117	100
5/9/2022	23	56	100	100
5/9/2022	24	54	100	100
5/10/2022	1	57	115	115
5/10/2022	2	55	115	115
5/10/2022	3	55	115	115
5/10/2022	4	53	115	115
5/10/2022	5	55	125	125
5/10/2022	6	58	125	125
5/10/2022	7	56	125	125
5/10/2022	8	62	125	125
5/10/2022	9	70	125	125
5/10/2022	10	74	135	135
5/10/2022	11	75	135	135
5/10/2022	12	76	135	135
5/10/2022	13	76	135	135
5/10/2022	14	78	135	135
5/10/2022	15	77	135	135
5/10/2022	16	75	135	135
5/10/2022	17	73	135	135
5/10/2022	18	74	135	135
5/10/2022	19	74	135	135
5/10/2022	20	71	135	135
5/10/2022	21	69	135	135
5/10/2022	22	66	135	135
5/10/2022	23	62	135	135
5/10/2022	24	60	135	135
5/11/2022	1	56	100	100
5/11/2022	2	54	100	100
5/11/2022	3	52	100	100
5/11/2022	4	51	100	100
5/11/2022	5	54	100	100
5/11/2022	6	56	100	100
5/11/2022	7	56	100	100
5/11/2022	8	62	100	100
5/11/2022	9	69	100	100
5/11/2022	10	74	135	135
5/11/2022	11	77	135	135
5/11/2022	12	77	135	135
5/11/2022	13	76	135	135
5/11/2022	14	79	135	135
5/11/2022	15	77	135	135
5/11/2022	16	77	135	135
5/11/2022	17	73	135	135
5/11/2022	18	76	135	135
5/11/2022	19	74	135	135
5/11/2022	20	73	135	135
5/11/2022	21	71	135	135
5/11/2022	22	66	135	135
5/11/2022	23	63	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/11/2022	24	60	135	135
5/12/2022	1	58	100	100
5/12/2022	2	56	100	100
5/12/2022	3	54	100	100
5/12/2022	4	53	100	100
5/12/2022	5	54	100	100
5/12/2022	6	56	100	100
5/12/2022	7	56	100	100
5/12/2022	8	62	100	100
5/12/2022	9	70	123	100
5/12/2022	10	75	135	135
5/12/2022	11	78	135	135
5/12/2022	12	78	135	135
5/12/2022	13	79	135	135
5/12/2022	14	81	135	135
5/12/2022	15	79	135	135
5/12/2022	16	78	135	135
5/12/2022	17	74	135	135
5/12/2022	18	75	135	135
5/12/2022	19	74	135	135
5/12/2022	20	71	135	135
5/12/2022	21	70	135	135
5/12/2022	22	65	135	135
5/12/2022	23	62	135	135
5/12/2022	24	58	135	135
5/13/2022	1	57	100	100
5/13/2022	2	54	100	100
5/13/2022	3	54	100	100
5/13/2022	4	52	100	100
5/13/2022	5	54	100	100
5/13/2022	6	56	104	104
5/13/2022	7	55	104	104
5/13/2022	8	61	133	132
5/13/2022	9	69	135	135
5/13/2022	10	74	135	135
5/13/2022	11	76	135	135
5/13/2022	12	76	135	135
5/13/2022	13	77	135	135
5/13/2022	14	80	135	135
5/13/2022	15	79	135	135
5/13/2022	16	77	135	135
5/13/2022	17	74	135	135
5/13/2022	18	75	135	135
5/13/2022	19	76	135	135
5/13/2022	20	74	135	135
5/13/2022	21	72	135	135
5/13/2022	22	68	135	135
5/13/2022	23	64	135	135
5/13/2022	24	61	121	120
5/14/2022	1	58	100	100
5/14/2022	2	56	100	100
5/14/2022	3	54	100	100
5/14/2022	4	53	100	100
5/14/2022	5	54	100	100
5/14/2022	6	55	100	100
5/14/2022	7	55	100	100
5/14/2022	8	58	100	100
5/14/2022	9	64	121	100
5/14/2022	10	69	135	135
5/14/2022	11	73	135	135
5/14/2022	12	72	135	135
5/14/2022	13	71	135	135
5/14/2022	14	73	135	135
5/14/2022	15	72	135	135
5/14/2022	16	71	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/14/2022	17	69	135	135
5/14/2022	18	72	135	135
5/14/2022	19	74	135	135
5/14/2022	20	72	135	135
5/14/2022	21	71	135	135
5/14/2022	22	68	135	135
5/14/2022	23	64	135	135
5/14/2022	24	60	135	135
5/15/2022	1	58	114	113
5/15/2022	2	56	114	113
5/15/2022	3	54	100	100
5/15/2022	4	53	100	100
5/15/2022	5	54	100	100
5/15/2022	6	54	100	100
5/15/2022	7	53	100	100
5/15/2022	8	53	100	100
5/15/2022	9	57	132	100
5/15/2022	10	60	132	100
5/15/2022	11	63	133	100
5/15/2022	12	63	133	100
5/15/2022	13	65	133	100
5/15/2022	14	64	133	100
5/15/2022	15	64	133	100
5/15/2022	16	62	133	100
5/15/2022	17	62	133	100
5/15/2022	18	68	135	135
5/15/2022	19	69	134	116
5/15/2022	20	67	134	103
5/15/2022	21	65	134	100
5/15/2022	22	61	133	100
5/15/2022	23	58	100	100
5/15/2022	24	55	100	100
5/16/2022	1	54	96	86
5/16/2022	2	52	96	86
5/16/2022	3	51	96	86
5/16/2022	4	50	96	86
5/16/2022	5	53	100	100
5/16/2022	6	54	100	100
5/16/2022	7	53	100	100
5/16/2022	8	61	100	100
5/16/2022	9	70	132	100
5/16/2022	10	76	135	135
5/16/2022	11	80	135	135
5/16/2022	12	80	135	135
5/16/2022	13	81	135	135
5/16/2022	14	82	135	135
5/16/2022	15	81	135	135
5/16/2022	16	80	135	135
5/16/2022	17	76	135	135
5/16/2022	18	78	135	135
5/16/2022	19	77	135	135
5/16/2022	20	77	135	135
5/16/2022	21	73	135	135
5/16/2022	22	69	135	135
5/16/2022	23	67	135	135
5/16/2022	24	61	135	135
5/17/2022	1	60	100	100
5/17/2022	2	57	100	100
5/17/2022	3	57	100	100
5/17/2022	4	55	100	100
5/17/2022	5	56	100	100
5/17/2022	6	58	100	100
5/17/2022	7	56	100	100
5/17/2022	8	62	100	100
5/17/2022	9	71	112	100

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/17/2022	10	77	135	135
5/17/2022	11	81	135	135
5/17/2022	12	80	135	135
5/17/2022	13	80	135	135
5/17/2022	14	81	135	135
5/17/2022	15	79	135	135
5/17/2022	16	78	135	135
5/17/2022	17	73	135	135
5/17/2022	18	75	135	135
5/17/2022	19	75	135	135
5/17/2022	20	71	135	135
5/17/2022	21	70	135	135
5/17/2022	22	66	135	135
5/17/2022	23	62	135	135
5/17/2022	24	60	135	135
5/18/2022	1	58	100	100
5/18/2022	2	56	100	100
5/18/2022	3	53	100	100
5/18/2022	4	52	100	100
5/18/2022	5	55	100	100
5/18/2022	6	58	100	100
5/18/2022	7	56	100	100
5/18/2022	8	62	100	100
5/18/2022	9	70	112	100
5/18/2022	10	75	135	135
5/18/2022	11	78	135	135
5/18/2022	12	78	135	135
5/18/2022	13	78	135	135
5/18/2022	14	81	135	135
5/18/2022	15	78	135	135
5/18/2022	16	77	135	135
5/18/2022	17	73	135	135
5/18/2022	18	75	135	135
5/18/2022	19	74	135	135
5/18/2022	20	72	135	135
5/18/2022	21	70	135	135
5/18/2022	22	68	112	100
5/18/2022	23	64	100	100
5/18/2022	24	61	100	100
5/19/2022	1	59	100	100
5/19/2022	2	58	100	100
5/19/2022	3	56	100	100
5/19/2022	4	54	100	100
5/19/2022	5	56	100	100
5/19/2022	6	58	100	100
5/19/2022	7	57	100	100
5/19/2022	8	63	100	100
5/19/2022	9	71	113	100
5/19/2022	10	76	135	135
5/19/2022	11	80	135	135
5/19/2022	12	80	135	135
5/19/2022	13	81	135	135
5/19/2022	14	85	135	135
5/19/2022	15	82	135	135
5/19/2022	16	79	135	135
5/19/2022	17	75	135	135
5/19/2022	18	78	135	135
5/19/2022	19	79	135	135
5/19/2022	20	76	135	135
5/19/2022	21	73	135	135
5/19/2022	22	69	135	135
5/19/2022	23	66	135	135
5/19/2022	24	63	135	135
5/20/2022	1	62	120	120
5/20/2022	2	60	120	120

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/20/2022	3	58	120	120
5/20/2022	4	58	120	120
5/20/2022	5	59	120	120
5/20/2022	6	61	120	120
5/20/2022	7	60	120	120
5/20/2022	8	66	120	120
5/20/2022	9	74	120	120
5/20/2022	10	78	135	135
5/20/2022	11	81	135	135
5/20/2022	12	81	135	135
5/20/2022	13	82	135	135
5/20/2022	14	86	135	135
5/20/2022	15	84	135	135
5/20/2022	16	82	135	135
5/20/2022	17	78	135	135
5/20/2022	18	80	135	135
5/20/2022	19	81	135	135
5/20/2022	20	78	135	135
5/20/2022	21	77	135	135
5/20/2022	22	72	135	135
5/20/2022	23	69	135	135
5/20/2022	24	64	135	135
5/21/2022	1	60	100	100
5/21/2022	2	58	100	100
5/21/2022	3	56	100	100
5/21/2022	4	55	100	100
5/21/2022	5	56	100	100
5/21/2022	6	56	100	100
5/21/2022	7	56	100	100
5/21/2022	8	59	100	100
5/21/2022	9	63	119	100
5/21/2022	10	67	121	104
5/21/2022	11	70	132	131
5/21/2022	12	70	131	123
5/21/2022	13	70	132	131
5/21/2022	14	73	135	135
5/21/2022	15	74	135	135
5/21/2022	16	72	135	135
5/21/2022	17	70	135	135
5/21/2022	18	74	135	135
5/21/2022	19	75	135	135
5/21/2022	20	73	135	135
5/21/2022	21	71	135	135
5/21/2022	22	68	135	135
5/21/2022	23	65	135	135
5/21/2022	24	63	135	135
5/22/2022	1	60	104	103
5/22/2022	2	58	104	103
5/22/2022	3	55	100	100
5/22/2022	4	54	100	100
5/22/2022	5	55	100	100
5/22/2022	6	55	100	100
5/22/2022	7	55	100	100
5/22/2022	8	55	100	100
5/22/2022	9	57	100	100
5/22/2022	10	61	100	100
5/22/2022	11	63	124	100
5/22/2022	12	63	125	100
5/22/2022	13	65	125	100
5/22/2022	14	64	125	100
5/22/2022	15	64	125	100
5/22/2022	16	61	121	100
5/22/2022	17	62	123	100
5/22/2022	18	68	132	132
5/22/2022	19	70	126	125

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/22/2022	20	69	128	128
5/22/2022	21	67	122	106
5/22/2022	22	65	118	106
5/22/2022	23	62	106	106
5/22/2022	24	59	100	100
5/23/2022	1	62	135	135
5/23/2022	2	61	135	135
5/23/2022	3	60	135	135
5/23/2022	4	58	135	135
5/23/2022	5	59	135	135
5/23/2022	6	61	135	135
5/23/2022	7	61	135	135
5/23/2022	8	67	135	135
5/23/2022	9	76	135	135
5/23/2022	10	81	135	135
5/23/2022	11	84	135	135
5/23/2022	12	84	135	135
5/23/2022	13	84	135	135
5/23/2022	14	86	135	135
5/23/2022	15	85	135	135
5/23/2022	16	82	135	135
5/23/2022	17	78	135	135
5/23/2022	18	80	135	135
5/23/2022	19	81	135	135
5/23/2022	20	80	135	135
5/23/2022	21	77	135	135
5/23/2022	22	74	135	135
5/23/2022	23	70	135	135
5/23/2022	24	66	135	135
5/24/2022	1	60	100	100
5/24/2022	2	56	100	100
5/24/2022	3	56	100	100
5/24/2022	4	55	100	100
5/24/2022	5	56	100	100
5/24/2022	6	58	100	100
5/24/2022	7	57	100	100
5/24/2022	8	63	100	100
5/24/2022	9	72	114	100
5/24/2022	10	76	135	135
5/24/2022	11	81	135	135
5/24/2022	12	80	135	135
5/24/2022	13	80	135	135
5/24/2022	14	84	135	135
5/24/2022	15	82	135	135
5/24/2022	16	80	135	135
5/24/2022	17	75	135	135
5/24/2022	18	78	135	135
5/24/2022	19	79	135	135
5/24/2022	20	77	135	135
5/24/2022	21	73	135	135
5/24/2022	22	70	135	135
5/24/2022	23	68	135	135
5/24/2022	24	64	135	135
5/25/2022	1	60	113	113
5/25/2022	2	58	113	113
5/25/2022	3	56	113	113
5/25/2022	4	56	113	113
5/25/2022	5	57	113	113
5/25/2022	6	60	113	113
5/25/2022	7	58	113	113
5/25/2022	8	63	113	113
5/25/2022	9	72	114	113
5/25/2022	10	76	135	135
5/25/2022	11	80	135	135
5/25/2022	12	78	135	135

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/25/2022	13	79	135	135
5/25/2022	14	85	135	135
5/25/2022	15	83	135	135
5/25/2022	16	81	135	135
5/25/2022	17	77	135	135
5/25/2022	18	78	135	135
5/25/2022	19	79	135	135
5/25/2022	20	77	135	135
5/25/2022	21	76	135	135
5/25/2022	22	72	135	135
5/25/2022	23	68	135	135
5/25/2022	24	63	135	135
5/26/2022	1	61	135	135
5/26/2022	2	60	135	135
5/26/2022	3	59	135	135
5/26/2022	4	58	135	135
5/26/2022	5	58	135	135
5/26/2022	6	59	135	135
5/26/2022	7	58	135	135
5/26/2022	8	65	135	135
5/26/2022	9	74	135	135
5/26/2022	10	79	135	135
5/26/2022	11	78	135	135
5/26/2022	12	79	135	135
5/26/2022	13	80	135	135
5/26/2022	14	84	135	135
5/26/2022	15	83	135	135
5/26/2022	16	79	135	135
5/26/2022	17	75	135	135
5/26/2022	18	78	135	135
5/26/2022	19	79	135	135
5/26/2022	20	78	135	135
5/26/2022	21	75	135	135
5/26/2022	22	71	135	135
5/26/2022	23	68	135	135
5/26/2022	24	65	135	135
5/27/2022	1	60	100	100
5/27/2022	2	58	100	100
5/27/2022	3	56	100	100
5/27/2022	4	54	100	100
5/27/2022	5	56	100	100
5/27/2022	6	58	108	108
5/27/2022	7	58	108	108
5/27/2022	8	62	122	122
5/27/2022	9	70	135	135
5/27/2022	10	74	135	135
5/27/2022	11	77	135	135
5/27/2022	12	76	135	135
5/27/2022	13	77	135	135
5/27/2022	14	80	135	135
5/27/2022	15	80	135	135
5/27/2022	16	78	135	135
5/27/2022	17	75	135	135
5/27/2022	18	80	135	135
5/27/2022	19	79	135	135
5/27/2022	20	76	135	135
5/27/2022	21	73	135	135
5/27/2022	22	70	135	135
5/27/2022	23	67	135	135
5/27/2022	24	64	135	135
5/28/2022	1	62	120	120
5/28/2022	2	60	120	120
5/28/2022	3	56	120	120
5/28/2022	4	55	100	100
5/28/2022	5	56	100	100

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/28/2022	6	57	100	100
5/28/2022	7	56	100	100
5/28/2022	8	59	100	100
5/28/2022	9	64	119	100
5/28/2022	10	68	135	135
5/28/2022	11	71	135	135
5/28/2022	12	70	135	135
5/28/2022	13	70	135	135
5/28/2022	14	73	135	135
5/28/2022	15	72	135	135
5/28/2022	16	71	135	135
5/28/2022	17	70	135	135
5/28/2022	18	74	135	135
5/28/2022	19	75	135	135
5/28/2022	20	73	135	135
5/28/2022	21	72	135	135
5/28/2022	22	68	135	135
5/28/2022	23	65	135	135
5/28/2022	24	62	135	135
5/29/2022	1	58	113	112
5/29/2022	2	57	113	112
5/29/2022	3	54	113	112
5/29/2022	4	55	113	112
5/29/2022	5	54	112	111
5/29/2022	6	53	100	100
5/29/2022	7	51	100	100
5/29/2022	8	51	100	100
5/29/2022	9	54	100	100
5/29/2022	10	58	100	100
5/29/2022	11	60	110	100
5/29/2022	12	61	110	105
5/29/2022	13	62	113	113
5/29/2022	14	62	113	113
5/29/2022	15	62	113	113
5/29/2022	16	60	113	113
5/29/2022	17	62	113	113
5/29/2022	18	68	135	135
5/29/2022	19	69	122	119
5/29/2022	20	69	122	119
5/29/2022	21	67	122	115
5/29/2022	22	64	115	114
5/29/2022	23	61	102	101
5/29/2022	24	58	100	100
5/30/2022	1	58	100	100
5/30/2022	2	56	100	100
5/30/2022	3	54	100	100
5/30/2022	4	54	100	100
5/30/2022	5	55	100	100
5/30/2022	6	58	120	120
5/30/2022	7	57	120	120
5/30/2022	8	62	120	120
5/30/2022	9	70	120	120
5/30/2022	10	75	135	135
5/30/2022	11	77	135	135
5/30/2022	12	77	135	135
5/30/2022	13	77	135	135
5/30/2022	14	80	135	135
5/30/2022	15	78	135	135
5/30/2022	16	77	135	135
5/30/2022	17	74	135	135
5/30/2022	18	75	135	135
5/30/2022	19	75	135	135
5/30/2022	20	74	135	135
5/30/2022	21	71	135	135
5/30/2022	22	68	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/30/2022	23	64	135	135
5/30/2022	24	61	135	135
5/31/2022	1	58	100	100
5/31/2022	2	56	100	100
5/31/2022	3	55	100	100
5/31/2022	4	54	100	100
5/31/2022	5	55	100	100
5/31/2022	6	58	100	100
5/31/2022	7	57	100	100
5/31/2022	8	62	117	117
5/31/2022	9	70	135	135
5/31/2022	10	76	135	135
5/31/2022	11	79	135	135
5/31/2022	12	79	135	135
5/31/2022	13	79	135	135
5/31/2022	14	82	135	135
5/31/2022	15	80	135	135
5/31/2022	16	79	135	135
5/31/2022	17	75	135	135
5/31/2022	18	77	135	135
5/31/2022	19	77	135	135
5/31/2022	20	75	135	135
5/31/2022	21	72	135	135
5/31/2022	22	69	135	135
5/31/2022	23	65	135	135
5/31/2022	24	61	111	110
6/1/2022	1	58	100	100
6/1/2022	2	56	100	100
6/1/2022	3	54	100	100
6/1/2022	4	53	100	100
6/1/2022	5	55	100	100
6/1/2022	6	57	100	100
6/1/2022	7	56	100	100
6/1/2022	8	61	100	100
6/1/2022	9	69	109	100
6/1/2022	10	74	135	135
6/1/2022	11	77	135	135
6/1/2022	12	77	135	135
6/1/2022	13	77	135	135
6/1/2022	14	80	135	135
6/1/2022	15	78	135	135
6/1/2022	16	78	135	135
6/1/2022	17	74	135	135
6/1/2022	18	76	135	135
6/1/2022	19	76	135	135
6/1/2022	20	74	135	135
6/1/2022	21	72	135	135
6/1/2022	22	68	135	135
6/1/2022	23	65	135	135
6/1/2022	24	61	135	135
6/2/2022	1	61	110	110
6/2/2022	2	60	110	110
6/2/2022	3	58	110	110
6/2/2022	4	58	110	110
6/2/2022	5	58	110	110
6/2/2022	6	60	110	110
6/2/2022	7	58	110	110
6/2/2022	8	65	110	110
6/2/2022	9	73	110	110
6/2/2022	10	79	135	135
6/2/2022	11	80	135	135
6/2/2022	12	80	135	135
6/2/2022	13	80	135	135
6/2/2022	14	84	135	135
6/2/2022	15	83	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/2/2022	16	80	135	135
6/2/2022	17	76	135	135
6/2/2022	18	77	135	135
6/2/2022	19	78	135	135
6/2/2022	20	76	135	135
6/2/2022	21	74	135	135
6/2/2022	22	71	135	135
6/2/2022	23	67	135	135
6/2/2022	24	63	135	135
6/3/2022	1	62	135	135
6/3/2022	2	59	135	135
6/3/2022	3	58	135	135
6/3/2022	4	56	135	135
6/3/2022	5	58	135	135
6/3/2022	6	60	135	135
6/3/2022	7	60	135	135
6/3/2022	8	65	135	135
6/3/2022	9	74	135	135
6/3/2022	10	79	135	135
6/3/2022	11	82	135	135
6/3/2022	12	80	135	135
6/3/2022	13	82	135	135
6/3/2022	14	86	135	135
6/3/2022	15	84	135	135
6/3/2022	16	82	135	135
6/3/2022	17	77	135	135
6/3/2022	18	77	135	135
6/3/2022	19	78	135	135
6/3/2022	20	76	135	135
6/3/2022	21	74	135	135
6/3/2022	22	70	135	135
6/3/2022	23	67	135	135
6/3/2022	24	64	135	135
6/4/2022	1	62	135	135
6/4/2022	2	59	135	135
6/4/2022	3	57	131	131
6/4/2022	4	57	135	134
6/4/2022	5	58	135	135
6/4/2022	6	58	135	135
6/4/2022	7	57	131	131
6/4/2022	8	60	131	131
6/4/2022	9	67	135	135
6/4/2022	10	71	135	135
6/4/2022	11	73	135	135
6/4/2022	12	73	135	135
6/4/2022	13	72	135	135
6/4/2022	14	74	135	135
6/4/2022	15	73	135	135
6/4/2022	16	72	135	135
6/4/2022	17	70	135	135
6/4/2022	18	74	135	135
6/4/2022	19	76	135	135
6/4/2022	20	73	135	135
6/4/2022	21	71	135	135
6/4/2022	22	68	135	135
6/4/2022	23	64	135	135
6/4/2022	24	61	135	135
6/5/2022	1	58	100	100
6/5/2022	2	56	100	100
6/5/2022	3	54	100	100
6/5/2022	4	53	100	100
6/5/2022	5	53	100	100
6/5/2022	6	54	100	100
6/5/2022	7	53	100	100
6/5/2022	8	54	100	100

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/5/2022	9	56	100	100
6/5/2022	10	59	135	135
6/5/2022	11	62	135	135
6/5/2022	12	63	135	135
6/5/2022	13	63	135	135
6/5/2022	14	64	135	135
6/5/2022	15	64	135	135
6/5/2022	16	61	135	135
6/5/2022	17	63	135	135
6/5/2022	18	69	135	135
6/5/2022	19	70	135	135
6/5/2022	20	68	135	135
6/5/2022	21	66	135	135
6/5/2022	22	63	135	135
6/5/2022	23	60	135	135
6/5/2022	24	57	135	135
6/6/2022	1	55	100	100
6/6/2022	2	54	100	100
6/6/2022	3	53	100	100
6/6/2022	4	52	100	100
6/6/2022	5	54	118	118
6/6/2022	6	57	135	135
6/6/2022	7	56	135	135
6/6/2022	8	62	135	135
6/6/2022	9	69	135	135
6/6/2022	10	75	135	135
6/6/2022	11	78	135	135
6/6/2022	12	76	135	135
6/6/2022	13	77	135	135
6/6/2022	14	80	135	135
6/6/2022	15	78	135	135
6/6/2022	16	78	135	135
6/6/2022	17	74	135	135
6/6/2022	18	75	135	135
6/6/2022	19	76	135	135
6/6/2022	20	74	135	135
6/6/2022	21	72	135	135
6/6/2022	22	68	135	135
6/6/2022	23	65	135	135
6/6/2022	24	62	135	135
6/7/2022	1	58	110	110
6/7/2022	2	56	110	110
6/7/2022	3	56	110	110
6/7/2022	4	55	110	110
6/7/2022	5	56	110	110
6/7/2022	6	59	135	135
6/7/2022	7	58	135	135
6/7/2022	8	63	135	135
6/7/2022	9	72	135	135
6/7/2022	10	77	135	135
6/7/2022	11	79	135	135
6/7/2022	12	79	135	135
6/7/2022	13	80	135	135
6/7/2022	14	84	135	135
6/7/2022	15	82	135	135
6/7/2022	16	80	135	135
6/7/2022	17	75	135	135
6/7/2022	18	76	135	135
6/7/2022	19	78	135	135
6/7/2022	20	76	135	135
6/7/2022	21	74	135	135
6/7/2022	22	70	135	135
6/7/2022	23	66	135	135
6/7/2022	24	63	135	135
6/8/2022	1	62	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/8/2022	2	59	135	135
6/8/2022	3	58	135	135
6/8/2022	4	56	135	135
6/8/2022	5	58	135	135
6/8/2022	6	60	135	135
6/8/2022	7	59	135	135
6/8/2022	8	65	135	135
6/8/2022	9	74	135	135
6/8/2022	10	79	135	135
6/8/2022	11	82	135	135
6/8/2022	12	81	135	135
6/8/2022	13	81	135	135
6/8/2022	14	86	138	138
6/8/2022	15	84	138	138
6/8/2022	16	82	135	135
6/8/2022	17	77	135	135
6/8/2022	18	78	135	135
6/8/2022	19	79	135	135
6/8/2022	20	77	135	135
6/8/2022	21	76	135	135
6/8/2022	22	71	135	135
6/8/2022	23	68	135	135
6/8/2022	24	63	135	135
6/9/2022	1	61	135	135
6/9/2022	2	59	135	135
6/9/2022	3	57	135	135
6/9/2022	4	56	135	135
6/9/2022	5	58	135	135
6/9/2022	6	60	135	135
6/9/2022	7	58	135	135
6/9/2022	8	64	135	135
6/9/2022	9	72	135	135
6/9/2022	10	78	136	136
6/9/2022	11	82	138	138
6/9/2022	12	82	138	138
6/9/2022	13	82	138	138
6/9/2022	14	86	138	138
6/9/2022	15	84	138	138
6/9/2022	16	82	138	138
6/9/2022	17	76	135	135
6/9/2022	18	76	135	135
6/9/2022	19	78	135	135
6/9/2022	20	76	135	135
6/9/2022	21	74	135	135
6/9/2022	22	70	135	135
6/9/2022	23	66	135	135
6/9/2022	24	62	135	135
6/10/2022	1	59	100	100
6/10/2022	2	57	100	100
6/10/2022	3	54	100	100
6/10/2022	4	54	100	100
6/10/2022	5	55	100	100
6/10/2022	6	58	100	100
6/10/2022	7	56	100	100
6/10/2022	8	62	130	129
6/10/2022	9	70	135	135
6/10/2022	10	77	135	135
6/10/2022	11	80	135	135
6/10/2022	12	79	135	135
6/10/2022	13	80	135	135
6/10/2022	14	82	135	135
6/10/2022	15	81	135	135
6/10/2022	16	78	135	135
6/10/2022	17	74	135	135
6/10/2022	18	76	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/10/2022	19	76	135	135
6/10/2022	20	74	135	135
6/10/2022	21	71	135	135
6/10/2022	22	68	135	135
6/10/2022	23	65	135	135
6/10/2022	24	61	135	135
6/11/2022	1	59	120	120
6/11/2022	2	58	120	120
6/11/2022	3	56	120	120
6/11/2022	4	55	120	120
6/11/2022	5	54	120	120
6/11/2022	6	57	120	120
6/11/2022	7	56	120	120
6/11/2022	8	60	120	120
6/11/2022	9	66	121	120
6/11/2022	10	69	135	135
6/11/2022	11	72	135	135
6/11/2022	12	72	135	135
6/11/2022	13	72	135	135
6/11/2022	14	74	135	135
6/11/2022	15	74	135	135
6/11/2022	16	71	135	135
6/11/2022	17	70	135	135
6/11/2022	18	74	135	135
6/11/2022	19	75	135	135
6/11/2022	20	73	135	135
6/11/2022	21	71	135	135
6/11/2022	22	68	135	135
6/11/2022	23	64	135	135
6/11/2022	24	61	135	135
6/12/2022	1	58	113	100
6/12/2022	2	56	113	100
6/12/2022	3	54	113	100
6/12/2022	4	54	113	100
6/12/2022	5	53	115	100
6/12/2022	6	54	116	100
6/12/2022	7	53	116	100
6/12/2022	8	53	117	100
6/12/2022	9	55	134	100
6/12/2022	10	58	134	100
6/12/2022	11	60	134	121
6/12/2022	12	61	134	121
6/12/2022	13	62	134	121
6/12/2022	14	62	134	121
6/12/2022	15	61	134	121
6/12/2022	16	59	134	121
6/12/2022	17	61	135	135
6/12/2022	18	68	135	135
6/12/2022	19	68	135	135
6/12/2022	20	67	135	135
6/12/2022	21	65	134	126
6/12/2022	22	61	134	100
6/12/2022	23	57	121	100
6/12/2022	24	56	116	100
6/13/2022	1	52	112	100
6/13/2022	2	52	100	100
6/13/2022	3	50	100	100
6/13/2022	4	50	100	100
6/13/2022	5	52	102	100
6/13/2022	6	55	112	100
6/13/2022	7	54	112	100
6/13/2022	8	60	112	100
6/13/2022	9	69	132	128
6/13/2022	10	74	135	135
6/13/2022	11	77	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/13/2022	12	76	135	135
6/13/2022	13	78	135	135
6/13/2022	14	82	138	138
6/13/2022	15	81	138	138
6/13/2022	16	80	138	138
6/13/2022	17	76	135	135
6/13/2022	18	76	135	135
6/13/2022	19	78	135	135
6/13/2022	20	76	135	135
6/13/2022	21	74	135	135
6/13/2022	22	70	135	135
6/13/2022	23	67	135	135
6/13/2022	24	63	135	135
6/14/2022	1	59	100	100
6/14/2022	2	57	100	100
6/14/2022	3	57	100	100
6/14/2022	4	54	100	100
6/14/2022	5	56	120	120
6/14/2022	6	59	120	120
6/14/2022	7	58	120	120
6/14/2022	8	63	120	120
6/14/2022	9	71	132	120
6/14/2022	10	76	138	138
6/14/2022	11	81	138	138
6/14/2022	12	81	138	138
6/14/2022	13	82	138	138
6/14/2022	14	84	138	138
6/14/2022	15	82	138	138
6/14/2022	16	81	138	138
6/14/2022	17	76	138	138
6/14/2022	18	76	138	138
6/14/2022	19	78	138	138
6/14/2022	20	76	138	138
6/14/2022	21	74	138	138
6/14/2022	22	69	135	135
6/14/2022	23	66	135	135
6/14/2022	24	62	135	135
6/15/2022	1	60	135	135
6/15/2022	2	58	121	121
6/15/2022	3	56	120	120
6/15/2022	4	56	120	120
6/15/2022	5	56	128	128
6/15/2022	6	60	135	135
6/15/2022	7	58	135	135
6/15/2022	8	63	135	135
6/15/2022	9	71	135	135
6/15/2022	10	77	138	138
6/15/2022	11	80	138	138
6/15/2022	12	79	138	138
6/15/2022	13	80	138	138
6/15/2022	14	82	138	138
6/15/2022	15	80	138	138
6/15/2022	16	79	138	137
6/15/2022	17	76	137	137
6/15/2022	18	78	137	137
6/15/2022	19	78	138	138
6/15/2022	20	74	138	138
6/15/2022	21	72	135	135
6/15/2022	22	68	135	135
6/15/2022	23	64	135	135
6/15/2022	24	61	135	135
6/16/2022	1	58	120	120
6/16/2022	2	56	120	120
6/16/2022	3	54	120	120
6/16/2022	4	54	120	120

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/16/2022	5	55	120	120
6/16/2022	6	58	120	120
6/16/2022	7	56	120	120
6/16/2022	8	61	120	120
6/16/2022	9	70	133	120
6/16/2022	10	76	135	135
6/16/2022	11	78	135	135
6/16/2022	12	78	135	135
6/16/2022	13	79	135	135
6/16/2022	14	82	138	138
6/16/2022	15	80	138	138
6/16/2022	16	78	135	135
6/16/2022	17	75	135	135
6/16/2022	18	75	135	135
6/16/2022	19	76	135	135
6/16/2022	20	74	135	135
6/16/2022	21	72	135	135
6/16/2022	22	69	135	135
6/16/2022	23	65	135	135
6/16/2022	24	61	135	135
6/17/2022	1	60	120	120
6/17/2022	2	58	120	120
6/17/2022	3	56	120	120
6/17/2022	4	56	120	120
6/17/2022	5	58	120	120
6/17/2022	6	58	120	120
6/17/2022	7	58	120	120
6/17/2022	8	64	120	120
6/17/2022	9	72	120	120
6/17/2022	10	77	135	135
6/17/2022	11	79	138	138
6/17/2022	12	79	138	138
6/17/2022	13	80	138	138
6/17/2022	14	82	138	138
6/17/2022	15	82	138	138
6/17/2022	16	79	138	138
6/17/2022	17	75	138	138
6/17/2022	18	76	138	138
6/17/2022	19	78	138	138
6/17/2022	20	76	135	135
6/17/2022	21	73	135	135
6/17/2022	22	69	135	135
6/17/2022	23	65	135	135
6/17/2022	24	61	135	135
6/18/2022	1	60	135	135
6/18/2022	2	58	128	128
6/18/2022	3	56	111	110
6/18/2022	4	56	100	100
6/18/2022	5	54	100	100
6/18/2022	6	56	100	100
6/18/2022	7	57	100	100
6/18/2022	8	58	106	105
6/18/2022	9	64	130	129
6/18/2022	10	68	135	135
6/18/2022	11	71	135	135
6/18/2022	12	73	135	135
6/18/2022	13	72	135	135
6/18/2022	14	75	135	135
6/18/2022	15	73	135	135
6/18/2022	16	72	135	135
6/18/2022	17	70	135	135
6/18/2022	18	74	135	135
6/18/2022	19	75	135	135
6/18/2022	20	74	135	135
6/18/2022	21	72	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/18/2022	22	68	135	135
6/18/2022	23	64	135	135
6/18/2022	24	61	135	135
6/19/2022	1	58	100	100
6/19/2022	2	56	100	100
6/19/2022	3	54	90	90
6/19/2022	4	53	90	90
6/19/2022	5	53	90	90
6/19/2022	6	53	90	90
6/19/2022	7	53	90	90
6/19/2022	8	52	100	100
6/19/2022	9	55	120	100
6/19/2022	10	59	120	100
6/19/2022	11	62	120	100
6/19/2022	12	63	120	100
6/19/2022	13	64	124	123
6/19/2022	14	64	124	124
6/19/2022	15	64	135	135
6/19/2022	16	62	119	118
6/19/2022	17	63	133	132
6/19/2022	18	68	135	135
6/19/2022	19	72	135	135
6/19/2022	20	70	135	135
6/19/2022	21	68	135	135
6/19/2022	22	65	100	100
6/19/2022	23	61	100	100
6/19/2022	24	58	100	100
6/20/2022	1	55	100	100
6/20/2022	2	54	100	100
6/20/2022	3	52	90	90
6/20/2022	4	52	90	90
6/20/2022	5	51	90	90
6/20/2022	6	53	90	90
6/20/2022	7	53	90	90
6/20/2022	8	60	100	100
6/20/2022	9	69	135	135
6/20/2022	10	75	135	135
6/20/2022	11	78	135	135
6/20/2022	12	77	135	135
6/20/2022	13	78	135	135
6/20/2022	14	82	135	135
6/20/2022	15	80	135	135
6/20/2022	16	80	135	135
6/20/2022	17	75	135	135
6/20/2022	18	75	135	135
6/20/2022	19	77	135	135
6/20/2022	20	76	135	135
6/20/2022	21	74	135	135
6/20/2022	22	70	104	103
6/20/2022	23	66	100	100
6/20/2022	24	62	100	100
6/21/2022	1	57	100	100
6/21/2022	2	55	90	90
6/21/2022	3	55	90	90
6/21/2022	4	54	90	90
6/21/2022	5	55	90	90
6/21/2022	6	59	90	90
6/21/2022	7	57	90	90
6/21/2022	8	64	100	100
6/21/2022	9	71	135	135
6/21/2022	10	77	135	135
6/21/2022	11	80	135	135
6/21/2022	12	79	135	135
6/21/2022	13	79	135	135
6/21/2022	14	82	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/21/2022	15	80	135	135
6/21/2022	16	77	135	135
6/21/2022	17	74	135	135
6/21/2022	18	75	135	135
6/21/2022	19	77	135	135
6/21/2022	20	75	135	135
6/21/2022	21	72	135	135
6/21/2022	22	69	111	100
6/21/2022	23	65	100	100
6/21/2022	24	61	100	100
6/22/2022	1	58	100	100
6/22/2022	2	56	100	100
6/22/2022	3	54	90	90
6/22/2022	4	54	90	90
6/22/2022	5	55	90	90
6/22/2022	6	57	90	90
6/22/2022	7	56	90	90
6/22/2022	8	61	100	100
6/22/2022	9	70	135	135
6/22/2022	10	75	135	135
6/22/2022	11	78	135	135
6/22/2022	12	78	135	135
6/22/2022	13	79	135	135
6/22/2022	14	82	138	138
6/22/2022	15	80	135	135
6/22/2022	16	78	135	135
6/22/2022	17	75	135	135
6/22/2022	18	75	135	135
6/22/2022	19	77	135	135
6/22/2022	20	74	135	135
6/22/2022	21	72	135	135
6/22/2022	22	68	117	110
6/22/2022	23	64	100	100
6/22/2022	24	61	100	100
6/23/2022	1	60	100	100
6/23/2022	2	58	100	100
6/23/2022	3	56	90	90
6/23/2022	4	55	90	90
6/23/2022	5	57	90	90
6/23/2022	6	58	90	90
6/23/2022	7	58	90	90
6/23/2022	8	63	100	100
6/23/2022	9	71	135	135
6/23/2022	10	77	135	135
6/23/2022	11	79	138	138
6/23/2022	12	78	135	135
6/23/2022	13	77	135	135
6/23/2022	14	80	138	138
6/23/2022	15	78	137	137
6/23/2022	16	76	135	135
6/23/2022	17	72	135	135
6/23/2022	18	74	135	135
6/23/2022	19	74	135	135
6/23/2022	20	72	135	135
6/23/2022	21	70	135	135
6/23/2022	22	66	115	100
6/23/2022	23	62	100	100
6/23/2022	24	58	100	100
6/24/2022	1	58	100	100
6/24/2022	2	57	90	90
6/24/2022	3	54	90	90
6/24/2022	4	54	90	90
6/24/2022	5	55	90	90
6/24/2022	6	57	100	100
6/24/2022	7	57	100	100

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/24/2022	8	62	100	100
6/24/2022	9	70	125	125
6/24/2022	10	74	135	135
6/24/2022	11	78	135	135
6/24/2022	12	78	135	135
6/24/2022	13	78	135	135
6/24/2022	14	81	138	138
6/24/2022	15	81	138	138
6/24/2022	16	77	135	135
6/24/2022	17	73	135	135
6/24/2022	18	75	135	135
6/24/2022	19	76	135	135
6/24/2022	20	75	135	135
6/24/2022	21	72	132	132
6/24/2022	22	69	128	128
6/24/2022	23	65	128	128
6/24/2022	24	61	115	115
6/25/2022	1	59	100	100
6/25/2022	2	57	90	90
6/25/2022	3	54	90	90
6/25/2022	4	54	90	90
6/25/2022	5	54	90	90
6/25/2022	6	56	100	100
6/25/2022	7	55	100	100
6/25/2022	8	58	100	100
6/25/2022	9	63	125	125
6/25/2022	10	68	135	135
6/25/2022	11	71	135	135
6/25/2022	12	71	135	135
6/25/2022	13	71	135	135
6/25/2022	14	74	135	135
6/25/2022	15	72	135	135
6/25/2022	16	70	135	135
6/25/2022	17	69	135	135
6/25/2022	18	73	135	135
6/25/2022	19	74	135	135
6/25/2022	20	73	135	135
6/25/2022	21	71	135	135
6/25/2022	22	68	133	133
6/25/2022	23	64	122	122
6/25/2022	24	61	115	115
6/26/2022	1	58	100	100
6/26/2022	2	57	90	90
6/26/2022	3	54	90	90
6/26/2022	4	53	90	90
6/26/2022	5	54	90	90
6/26/2022	6	54	100	100
6/26/2022	7	54	100	100
6/26/2022	8	52	100	100
6/26/2022	9	52	100	100
6/26/2022	10	57	113	110
6/26/2022	11	58	121	110
6/26/2022	12	60	122	110
6/26/2022	13	60	122	110
6/26/2022	14	60	122	110
6/26/2022	15	60	122	110
6/26/2022	16	56	121	110
6/26/2022	17	57	121	110
6/26/2022	18	68	135	135
6/26/2022	19	70	135	135
6/26/2022	20	68	135	135
6/26/2022	21	67	132	132
6/26/2022	22	64	128	128
6/26/2022	23	60	122	122
6/26/2022	24	59	115	115

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/27/2022	1	56	100	100
6/27/2022	2	54	90	90
6/27/2022	3	53	90	90
6/27/2022	4	52	90	90
6/27/2022	5	54	90	90
6/27/2022	6	56	110	110
6/27/2022	7	56	125	125
6/27/2022	8	61	135	135
6/27/2022	9	70	135	135
6/27/2022	10	75	138	138
6/27/2022	11	78	138	138
6/27/2022	12	78	138	138
6/27/2022	13	78	138	138
6/27/2022	14	82	138	138
6/27/2022	15	79	138	138
6/27/2022	16	77	138	138
6/27/2022	17	74	135	135
6/27/2022	18	73	135	135
6/27/2022	19	76	138	138
6/27/2022	20	73	133	133
6/27/2022	21	71	134	133
6/27/2022	22	67	119	118
6/27/2022	23	64	122	122
6/27/2022	24	60	115	115
6/28/2022	1	58	100	100
6/28/2022	2	56	100	100
6/28/2022	3	55	90	90
6/28/2022	4	54	90	90
6/28/2022	5	56	90	90
6/28/2022	6	58	90	90
6/28/2022	7	57	90	90
6/28/2022	8	62	100	100
6/28/2022	9	70	135	135
6/28/2022	10	76	135	135
6/28/2022	11	79	136	135
6/28/2022	12	78	135	135
6/28/2022	13	78	135	135
6/28/2022	14	81	138	138
6/28/2022	15	79	138	138
6/28/2022	16	77	135	135
6/28/2022	17	73	135	135
6/28/2022	18	74	135	135
6/28/2022	19	76	135	135
6/28/2022	20	73	135	135
6/28/2022	21	72	135	135
6/28/2022	22	67	115	100
6/28/2022	23	63	100	100
6/28/2022	24	60	100	100
6/29/2022	1	57	100	100
6/29/2022	2	56	100	100
6/29/2022	3	54	90	90
6/29/2022	4	53	90	90
6/29/2022	5	55	90	90
6/29/2022	6	58	90	90
6/29/2022	7	56	90	90
6/29/2022	8	61	100	100
6/29/2022	9	69	135	135
6/29/2022	10	74	135	135
6/29/2022	11	78	138	138
6/29/2022	12	77	135	135
6/29/2022	13	78	135	135
6/29/2022	14	81	138	138
6/29/2022	15	79	135	135
6/29/2022	16	77	135	135
6/29/2022	17	74	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/29/2022	18	75	135	135
6/29/2022	19	76	135	135
6/29/2022	20	74	135	135
6/29/2022	21	71	135	135
6/29/2022	22	66	114	100
6/29/2022	23	63	100	100
6/29/2022	24	60	100	100
6/30/2022	1	58	100	100
6/30/2022	2	56	100	100
6/30/2022	3	55	90	90
6/30/2022	4	54	90	90
6/30/2022	5	55	90	90
6/30/2022	6	58	90	90
6/30/2022	7	58	90	90
6/30/2022	8	63	100	100
6/30/2022	9	71	135	135
6/30/2022	10	76	135	135
6/30/2022	11	79	135	135
6/30/2022	12	78	135	135
6/30/2022	13	79	135	135
6/30/2022	14	82	138	138
6/30/2022	15	80	138	138
6/30/2022	16	78	135	135
6/30/2022	17	75	135	135
6/30/2022	18	75	135	135
6/30/2022	19	76	135	135
6/30/2022	20	75	135	135
6/30/2022	21	74	135	135
6/30/2022	22	70	118	115
6/30/2022	23	66	108	107
6/30/2022	24	62	100	100
7/1/2022	1	60	100	100
7/1/2022	2	58	100	100
7/1/2022	3	56	90	90
7/1/2022	4	56	90	90
7/1/2022	5	57	90	90
7/1/2022	6	58	90	90
7/1/2022	7	57	90	90
7/1/2022	8	63	100	100
7/1/2022	9	71	138	138
7/1/2022	10	76	138	138
7/1/2022	11	79	138	138
7/1/2022	12	78	138	138
7/1/2022	13	79	138	138
7/1/2022	14	81	138	138
7/1/2022	15	80	138	138
7/1/2022	16	78	138	138
7/1/2022	17	74	138	138
7/1/2022	18	76	138	138
7/1/2022	19	78	138	138
7/1/2022	20	76	138	138
7/1/2022	21	73	137	136
7/1/2022	22	69	128	127
7/1/2022	23	65	122	121
7/1/2022	24	61	101	101
7/2/2022	1	61	100	100
7/2/2022	2	58	100	100
7/2/2022	3	56	90	90
7/2/2022	4	56	90	90
7/2/2022	5	55	90	90
7/2/2022	6	57	90	90
7/2/2022	7	56	90	90
7/2/2022	8	59	100	100
7/2/2022	9	64	135	135
7/2/2022	10	68	135	135

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/2/2022	11	71	135	135
7/2/2022	12	71	135	135
7/2/2022	13	74	135	135
7/2/2022	14	75	135	135
7/2/2022	15	74	135	135
7/2/2022	16	72	135	135
7/2/2022	17	70	135	135
7/2/2022	18	74	135	135
7/2/2022	19	76	135	135
7/2/2022	20	73	135	135
7/2/2022	21	71	135	135
7/2/2022	22	68	135	135
7/2/2022	23	65	102	102
7/2/2022	24	62	100	100
7/3/2022	1	58	100	100
7/3/2022	2	57	100	100
7/3/2022	3	55	90	90
7/3/2022	4	54	90	90
7/3/2022	5	54	90	90
7/3/2022	6	54	90	90
7/3/2022	7	53	90	90
7/3/2022	8	53	90	90
7/3/2022	9	56	100	100
7/3/2022	10	59	114	100
7/3/2022	11	62	117	100
7/3/2022	12	64	119	100
7/3/2022	13	64	119	105
7/3/2022	14	64	119	105
7/3/2022	15	63	119	100
7/3/2022	16	60	117	100
7/3/2022	17	61	117	100
7/3/2022	18	70	135	135
7/3/2022	19	71	135	135
7/3/2022	20	69	135	135
7/3/2022	21	67	135	135
7/3/2022	22	64	100	100
7/3/2022	23	60	100	100
7/3/2022	24	58	100	100
7/4/2022	1	56	100	100
7/4/2022	2	54	100	100
7/4/2022	3	52	90	90
7/4/2022	4	51	90	90
7/4/2022	5	53	90	90
7/4/2022	6	56	90	90
7/4/2022	7	56	90	90
7/4/2022	8	61	100	100
7/4/2022	9	70	135	135
7/4/2022	10	75	135	135
7/4/2022	11	78	135	135
7/4/2022	12	78	135	135
7/4/2022	13	78	138	137
7/4/2022	14	82	138	138
7/4/2022	15	80	138	138
7/4/2022	16	78	137	136
7/4/2022	17	74	135	135
7/4/2022	18	74	135	135
7/4/2022	19	75	135	135
7/4/2022	20	72	135	135
7/4/2022	21	70	135	135
7/4/2022	22	66	111	110
7/4/2022	23	63	100	100
7/4/2022	24	59	100	100
7/5/2022	1	58	110	110
7/5/2022	2	56	110	110
7/5/2022	3	55	90	90

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/5/2022	4	54	90	90
7/5/2022	5	56	90	90
7/5/2022	6	58	90	90
7/5/2022	7	57	90	90
7/5/2022	8	63	100	100
7/5/2022	9	70	122	115
7/5/2022	10	76	135	135
7/5/2022	11	79	135	135
7/5/2022	12	77	135	135
7/5/2022	13	77	135	135
7/5/2022	14	81	138	138
7/5/2022	15	78	135	135
7/5/2022	16	76	135	135
7/5/2022	17	72	135	135
7/5/2022	18	74	135	135
7/5/2022	19	75	135	135
7/5/2022	20	72	135	135
7/5/2022	21	70	135	135
7/5/2022	22	66	135	135
7/5/2022	23	62	115	115
7/5/2022	24	59	110	110
7/6/2022	1	56	110	110
7/6/2022	2	54	110	110
7/6/2022	3	52	90	90
7/6/2022	4	52	90	90
7/6/2022	5	53	90	90
7/6/2022	6	55	90	90
7/6/2022	7	55	90	90
7/6/2022	8	60	100	100
7/6/2022	9	68	115	115
7/6/2022	10	74	135	135
7/6/2022	11	77	138	138
7/6/2022	12	77	138	138
7/6/2022	13	78	138	138
7/6/2022	14	80	138	138
7/6/2022	15	78	138	138
7/6/2022	16	75	135	135
7/6/2022	17	72	135	135
7/6/2022	18	73	135	135
7/6/2022	19	75	135	135
7/6/2022	20	73	135	135
7/6/2022	21	71	135	135
7/6/2022	22	66	135	135
7/6/2022	23	63	115	115
7/6/2022	24	60	110	110
7/7/2022	1	55	110	110
7/7/2022	2	54	110	110
7/7/2022	3	53	90	90
7/7/2022	4	53	90	90
7/7/2022	5	54	90	90
7/7/2022	6	55	90	90
7/7/2022	7	56	90	90
7/7/2022	8	61	108	107
7/7/2022	9	70	138	138
7/7/2022	10	75	138	138
7/7/2022	11	78	138	138
7/7/2022	12	77	138	138
7/7/2022	13	78	138	138
7/7/2022	14	80	138	138
7/7/2022	15	80	138	138
7/7/2022	16	77	138	138
7/7/2022	17	72	135	135
7/7/2022	18	73	135	135
7/7/2022	19	74	135	135
7/7/2022	20	71	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/7/2022	21	68	135	135
7/7/2022	22	66	135	135
7/7/2022	23	62	115	115
7/7/2022	24	59	110	110
7/8/2022	1	59	110	110
7/8/2022	2	57	110	110
7/8/2022	3	56	90	90
7/8/2022	4	55	90	90
7/8/2022	5	56	90	90
7/8/2022	6	58	90	90
7/8/2022	7	57	90	90
7/8/2022	8	63	125	124
7/8/2022	9	71	138	138
7/8/2022	10	77	138	138
7/8/2022	11	79	138	138
7/8/2022	12	78	138	138
7/8/2022	13	79	138	138
7/8/2022	14	81	138	138
7/8/2022	15	81	138	138
7/8/2022	16	79	138	138
7/8/2022	17	75	138	138
7/8/2022	18	77	138	138
7/8/2022	19	77	138	138
7/8/2022	20	75	138	138
7/8/2022	21	73	135	135
7/8/2022	22	69	135	135
7/8/2022	23	65	129	128
7/8/2022	24	61	110	110
7/9/2022	1	59	110	110
7/9/2022	2	57	110	110
7/9/2022	3	55	90	90
7/9/2022	4	55	90	90
7/9/2022	5	56	90	90
7/9/2022	6	57	90	90
7/9/2022	7	56	90	90
7/9/2022	8	59	100	100
7/9/2022	9	64	115	115
7/9/2022	10	68	135	135
7/9/2022	11	69	135	135
7/9/2022	12	69	135	135
7/9/2022	13	70	135	135
7/9/2022	14	72	135	135
7/9/2022	15	71	135	135
7/9/2022	16	70	135	135
7/9/2022	17	69	135	135
7/9/2022	18	74	135	135
7/9/2022	19	75	135	135
7/9/2022	20	74	135	135
7/9/2022	21	71	135	135
7/9/2022	22	68	135	135
7/9/2022	23	64	115	115
7/9/2022	24	61	110	110
7/10/2022	1	57	110	110
7/10/2022	2	55	110	110
7/10/2022	3	54	90	90
7/10/2022	4	53	90	90
7/10/2022	5	52	90	90
7/10/2022	6	53	90	90
7/10/2022	7	52	90	90
7/10/2022	8	53	100	100
7/10/2022	9	55	115	115
7/10/2022	10	57	135	135
7/10/2022	11	61	135	135
7/10/2022	12	61	135	135
7/10/2022	13	61	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/10/2022	14	62	135	135
7/10/2022	15	61	135	135
7/10/2022	16	60	135	135
7/10/2022	17	60	135	135
7/10/2022	18	67	135	135
7/10/2022	19	70	135	135
7/10/2022	20	67	135	135
7/10/2022	21	65	135	135
7/10/2022	22	62	135	135
7/10/2022	23	59	115	115
7/10/2022	24	56	110	110
7/11/2022	1	54	110	110
7/11/2022	2	52	110	110
7/11/2022	3	51	90	90
7/11/2022	4	50	90	90
7/11/2022	5	51	90	90
7/11/2022	6	54	100	100
7/11/2022	7	55	100	100
7/11/2022	8	59	100	100
7/11/2022	9	68	115	115
7/11/2022	10	72	135	135
7/11/2022	11	77	135	135
7/11/2022	12	76	135	135
7/11/2022	13	78	135	135
7/11/2022	14	80	135	135
7/11/2022	15	79	135	135
7/11/2022	16	76	135	135
7/11/2022	17	74	135	135
7/11/2022	18	74	135	135
7/11/2022	19	74	135	135
7/11/2022	20	71	135	135
7/11/2022	21	69	135	135
7/11/2022	22	65	135	135
7/11/2022	23	62	120	120
7/11/2022	24	59	110	110
7/12/2022	1	56	110	110
7/12/2022	2	54	110	110
7/12/2022	3	53	90	90
7/12/2022	4	52	90	90
7/12/2022	5	54	90	90
7/12/2022	6	55	90	90
7/12/2022	7	55	90	90
7/12/2022	8	60	100	100
7/12/2022	9	69	115	115
7/12/2022	10	74	135	135
7/12/2022	11	77	135	135
7/12/2022	12	76	135	135
7/12/2022	13	78	135	135
7/12/2022	14	80	135	135
7/12/2022	15	77	135	135
7/12/2022	16	75	135	135
7/12/2022	17	71	135	135
7/12/2022	18	72	135	135
7/12/2022	19	72	135	135
7/12/2022	20	70	135	135
7/12/2022	21	67	135	135
7/12/2022	22	63	135	135
7/12/2022	23	60	115	115
7/12/2022	24	57	110	110
7/13/2022	1	55	110	110
7/13/2022	2	54	110	110
7/13/2022	3	52	90	90
7/13/2022	4	52	90	90
7/13/2022	5	53	90	90
7/13/2022	6	55	90	90

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/13/2022	7	56	90	90
7/13/2022	8	60	104	100
7/13/2022	9	68	125	124
7/13/2022	10	72	135	135
7/13/2022	11	76	135	135
7/13/2022	12	75	135	135
7/13/2022	13	77	135	135
7/13/2022	14	80	135	135
7/13/2022	15	78	135	135
7/13/2022	16	76	135	135
7/13/2022	17	72	135	135
7/13/2022	18	74	135	135
7/13/2022	19	75	135	135
7/13/2022	20	72	135	135
7/13/2022	21	70	135	135
7/13/2022	22	67	135	135
7/13/2022	23	63	115	115
7/13/2022	24	59	110	110
7/14/2022	1	57	110	110
7/14/2022	2	55	110	110
7/14/2022	3	53	90	90
7/14/2022	4	52	90	90
7/14/2022	5	54	90	90
7/14/2022	6	57	90	90
7/14/2022	7	56	90	90
7/14/2022	8	61	100	100
7/14/2022	9	69	117	115
7/14/2022	10	74	135	135
7/14/2022	11	78	135	135
7/14/2022	12	77	135	135
7/14/2022	13	79	135	135
7/14/2022	14	80	135	135
7/14/2022	15	77	135	135
7/14/2022	16	76	135	135
7/14/2022	17	72	135	135
7/14/2022	18	74	135	135
7/14/2022	19	73	135	135
7/14/2022	20	72	135	135
7/14/2022	21	69	135	135
7/14/2022	22	65	135	135
7/14/2022	23	63	116	115
7/14/2022	24	59	115	110
7/15/2022	1	56	110	110
7/15/2022	2	54	110	110
7/15/2022	3	52	90	90
7/15/2022	4	53	90	90
7/15/2022	5	53	90	90
7/15/2022	6	56	100	100
7/15/2022	7	55	100	100
7/15/2022	8	60	100	100
7/15/2022	9	69	123	123
7/15/2022	10	73	135	135
7/15/2022	11	77	135	135
7/15/2022	12	77	135	135
7/15/2022	13	78	135	135
7/15/2022	14	80	135	135
7/15/2022	15	78	135	135
7/15/2022	16	76	135	135
7/15/2022	17	73	135	135
7/15/2022	18	73	135	135
7/15/2022	19	74	135	135
7/15/2022	20	72	135	135
7/15/2022	21	70	135	135
7/15/2022	22	66	135	135
7/15/2022	23	62	115	115

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/15/2022	24	58	110	110
7/16/2022	1	56	110	110
7/16/2022	2	54	110	110
7/16/2022	3	53	90	90
7/16/2022	4	52	90	90
7/16/2022	5	53	90	90
7/16/2022	6	56	90	90
7/16/2022	7	54	90	90
7/16/2022	8	57	100	100
7/16/2022	9	62	115	115
7/16/2022	10	66	135	135
7/16/2022	11	68	135	135
7/16/2022	12	67	135	135
7/16/2022	13	68	135	135
7/16/2022	14	70	135	135
7/16/2022	15	69	135	135
7/16/2022	16	68	135	135
7/16/2022	17	68	135	135
7/16/2022	18	72	135	135
7/16/2022	19	73	135	135
7/16/2022	20	72	135	135
7/16/2022	21	69	135	135
7/16/2022	22	65	135	135
7/16/2022	23	61	115	115
7/16/2022	24	57	110	110
7/17/2022	1	53	106	106
7/17/2022	2	51	106	106
7/17/2022	3	50	90	90
7/17/2022	4	50	90	90
7/17/2022	5	50	90	90
7/17/2022	6	51	90	90
7/17/2022	7	51	90	90
7/17/2022	8	51	90	90
7/17/2022	9	55	115	100
7/17/2022	10	57	116	115
7/17/2022	11	58	118	115
7/17/2022	12	58	119	115
7/17/2022	13	58	119	115
7/17/2022	14	59	123	123
7/17/2022	15	59	125	124
7/17/2022	16	58	125	125
7/17/2022	17	59	135	135
7/17/2022	18	65	135	135
7/17/2022	19	69	135	135
7/17/2022	20	67	135	135
7/17/2022	21	66	135	135
7/17/2022	22	63	135	135
7/17/2022	23	58	115	115
7/17/2022	24	56	110	110
7/18/2022	1	53	110	110
7/18/2022	2	51	110	110
7/18/2022	3	50	90	90
7/18/2022	4	50	90	90
7/18/2022	5	51	90	90
7/18/2022	6	54	90	90
7/18/2022	7	53	90	90
7/18/2022	8	58	100	100
7/18/2022	9	67	127	126
7/18/2022	10	72	135	135
7/18/2022	11	75	138	138
7/18/2022	12	74	138	138
7/18/2022	13	76	138	138
7/18/2022	14	80	138	138
7/18/2022	15	79	138	138
7/18/2022	16	77	138	138

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/18/2022	17	71	138	138
7/18/2022	18	73	138	138
7/18/2022	19	75	138	138
7/18/2022	20	71	135	135
7/18/2022	21	69	135	135
7/18/2022	22	64	135	135
7/18/2022	23	62	115	115
7/18/2022	24	58	110	110
7/19/2022	1	57	110	110
7/19/2022	2	55	110	110
7/19/2022	3	53	90	90
7/19/2022	4	53	90	90
7/19/2022	5	54	90	90
7/19/2022	6	56	90	90
7/19/2022	7	55	90	90
7/19/2022	8	60	103	102
7/19/2022	9	69	138	138
7/19/2022	10	73	138	138
7/19/2022	11	77	138	138
7/19/2022	12	76	138	138
7/19/2022	13	77	138	138
7/19/2022	14	80	138	138
7/19/2022	15	77	138	138
7/19/2022	16	76	138	138
7/19/2022	17	71	135	135
7/19/2022	18	74	138	138
7/19/2022	19	73	138	138
7/19/2022	20	72	138	138
7/19/2022	21	70	138	138
7/19/2022	22	66	135	135
7/19/2022	23	62	115	115
7/19/2022	24	59	110	110
7/20/2022	1	54	110	110
7/20/2022	2	52	110	110
7/20/2022	3	51	90	90
7/20/2022	4	51	90	90
7/20/2022	5	52	90	90
7/20/2022	6	54	90	90
7/20/2022	7	54	90	90
7/20/2022	8	60	104	104
7/20/2022	9	68	138	138
7/20/2022	10	72	138	138
7/20/2022	11	76	138	138
7/20/2022	12	75	138	138
7/20/2022	13	76	138	138
7/20/2022	14	78	138	138
7/20/2022	15	77	138	138
7/20/2022	16	74	138	138
7/20/2022	17	70	135	135
7/20/2022	18	73	138	138
7/20/2022	19	72	135	135
7/20/2022	20	69	135	135
7/20/2022	21	67	135	135
7/20/2022	22	63	135	135
7/20/2022	23	59	115	115
7/20/2022	24	56	110	110
7/21/2022	1	55	110	110
7/21/2022	2	53	110	110
7/21/2022	3	53	90	90
7/21/2022	4	51	90	90
7/21/2022	5	52	90	90
7/21/2022	6	55	90	90
7/21/2022	7	55	90	90
7/21/2022	8	59	100	100
7/21/2022	9	68	138	138

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/21/2022	10	73	138	138
7/21/2022	11	77	138	138
7/21/2022	12	75	138	138
7/21/2022	13	76	138	138
7/21/2022	14	80	138	138
7/21/2022	15	79	138	138
7/21/2022	16	77	138	138
7/21/2022	17	72	135	135
7/21/2022	18	72	138	138
7/21/2022	19	74	138	138
7/21/2022	20	72	138	138
7/21/2022	21	68	138	138
7/21/2022	22	64	135	135
7/21/2022	23	59	115	115
7/21/2022	24	56	110	110
7/22/2022	1	59	110	110
7/22/2022	2	58	110	110
7/22/2022	3	56	90	90
7/22/2022	4	54	90	90
7/22/2022	5	55	90	90
7/22/2022	6	57	90	90
7/22/2022	7	56	90	90
7/22/2022	8	61	100	100
7/22/2022	9	70	138	138
7/22/2022	10	75	138	138
7/22/2022	11	79	138	138
7/22/2022	12	78	138	138
7/22/2022	13	79	138	138
7/22/2022	14	82	138	138
7/22/2022	15	79	138	138
7/22/2022	16	77	138	138
7/22/2022	17	74	138	138
7/22/2022	18	73	138	138
7/22/2022	19	75	138	138
7/22/2022	20	74	138	138
7/22/2022	21	72	138	138
7/22/2022	22	68	135	135
7/22/2022	23	65	121	121
7/22/2022	24	62	110	110
7/23/2022	1	58	110	110
7/23/2022	2	56	110	110
7/23/2022	3	54	90	90
7/23/2022	4	53	90	90
7/23/2022	5	53	90	90
7/23/2022	6	56	90	90
7/23/2022	7	55	90	90
7/23/2022	8	58	100	100
7/23/2022	9	62	115	115
7/23/2022	10	66	135	135
7/23/2022	11	69	135	135
7/23/2022	12	68	135	135
7/23/2022	13	69	135	135
7/23/2022	14	70	135	135
7/23/2022	15	69	135	135
7/23/2022	16	69	135	135
7/23/2022	17	68	135	135
7/23/2022	18	71	138	138
7/23/2022	19	73	138	138
7/23/2022	20	71	138	138
7/23/2022	21	70	136	136
7/23/2022	22	65	135	135
7/23/2022	23	62	115	115
7/23/2022	24	59	110	110
7/24/2022	1	54	110	110
7/24/2022	2	53	110	110

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/24/2022	3	51	90	90
7/24/2022	4	50	90	90
7/24/2022	5	51	90	90
7/24/2022	6	51	90	90
7/24/2022	7	52	90	90
7/24/2022	8	52	100	100
7/24/2022	9	55	116	116
7/24/2022	10	58	120	120
7/24/2022	11	61	134	133
7/24/2022	12	61	135	135
7/24/2022	13	61	135	135
7/24/2022	14	63	135	135
7/24/2022	15	62	135	135
7/24/2022	16	62	135	135
7/24/2022	17	62	135	135
7/24/2022	18	65	135	135
7/24/2022	19	68	135	135
7/24/2022	20	65	135	135
7/24/2022	21	63	135	135
7/24/2022	22	61	134	134
7/24/2022	23	58	115	115
7/24/2022	24	55	110	110
7/25/2022	1	53	110	110
7/25/2022	2	51	110	110
7/25/2022	3	50	90	90
7/25/2022	4	49	90	90
7/25/2022	5	51	90	90
7/25/2022	6	54	90	90
7/25/2022	7	54	90	90
7/25/2022	8	59	111	110
7/25/2022	9	68	138	138
7/25/2022	10	74	138	138
7/25/2022	11	77	138	138
7/25/2022	12	77	138	138
7/25/2022	13	78	138	138
7/25/2022	14	82	138	138
7/25/2022	15	79	138	138
7/25/2022	16	79	138	138
7/25/2022	17	75	138	138
7/25/2022	18	75	138	138
7/25/2022	19	77	138	138
7/25/2022	20	74	138	138
7/25/2022	21	72	135	135
7/25/2022	22	68	135	135
7/25/2022	23	64	119	119
7/25/2022	24	61	110	110
7/26/2022	1	55	110	110
7/26/2022	2	53	110	110
7/26/2022	3	51	90	90
7/26/2022	4	51	90	90
7/26/2022	5	52	90	90
7/26/2022	6	54	90	90
7/26/2022	7	55	90	90
7/26/2022	8	59	111	110
7/26/2022	9	68	138	138
7/26/2022	10	73	138	138
7/26/2022	11	77	138	138
7/26/2022	12	77	138	138
7/26/2022	13	77	138	138
7/26/2022	14	82	138	138
7/26/2022	15	79	138	138
7/26/2022	16	77	138	138
7/26/2022	17	72	136	135
7/26/2022	18	75	138	138
7/26/2022	19	74	138	138

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/26/2022	20	72	138	138
7/26/2022	21	70	135	135
7/26/2022	22	66	135	135
7/26/2022	23	62	115	115
7/26/2022	24	58	110	110
7/27/2022	1	55	110	110
7/27/2022	2	54	110	110
7/27/2022	3	52	90	90
7/27/2022	4	51	90	90
7/27/2022	5	53	90	90
7/27/2022	6	55	90	90
7/27/2022	7	55	90	90
7/27/2022	8	59	100	100
7/27/2022	9	68	138	138
7/27/2022	10	74	138	138
7/27/2022	11	77	138	138
7/27/2022	12	78	138	138
7/27/2022	13	78	138	138
7/27/2022	14	82	138	138
7/27/2022	15	80	138	138
7/27/2022	16	78	138	138
7/27/2022	17	74	138	138
7/27/2022	18	74	138	138
7/27/2022	19	76	138	138
7/27/2022	20	75	138	138
7/27/2022	21	73	138	138
7/27/2022	22	68	135	135
7/27/2022	23	64	115	115
7/27/2022	24	61	110	110
7/28/2022	1	59	110	110
7/28/2022	2	57	110	110
7/28/2022	3	55	90	90
7/28/2022	4	54	90	90
7/28/2022	5	55	90	90
7/28/2022	6	57	102	101
7/28/2022	7	57	97	97
7/28/2022	8	62	123	123
7/28/2022	9	71	138	138
7/28/2022	10	76	138	138
7/28/2022	11	80	138	138
7/28/2022	12	80	138	138
7/28/2022	13	81	138	138
7/28/2022	14	85	138	138
7/28/2022	15	83	138	138
7/28/2022	16	81	138	138
7/28/2022	17	77	138	138
7/28/2022	18	75	138	138
7/28/2022	19	76	138	138
7/28/2022	20	74	138	138
7/28/2022	21	73	138	138
7/28/2022	22	68	135	135
7/28/2022	23	65	138	138
7/28/2022	24	61	114	114
7/29/2022	1	59	110	110
7/29/2022	2	57	110	110
7/29/2022	3	56	90	90
7/29/2022	4	54	90	90
7/29/2022	5	54	90	90
7/29/2022	6	58	99	99
7/29/2022	7	56	95	95
7/29/2022	8	61	100	100
7/29/2022	9	69	124	124
7/29/2022	10	73	135	135
7/29/2022	11	77	138	138
7/29/2022	12	78	138	138

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/29/2022	13	79	138	138
7/29/2022	14	84	138	138
7/29/2022	15	81	138	138
7/29/2022	16	80	138	138
7/29/2022	17	76	138	138
7/29/2022	18	74	138	138
7/29/2022	19	76	138	138
7/29/2022	20	74	138	138
7/29/2022	21	72	138	138
7/29/2022	22	68	135	135
7/29/2022	23	65	127	126
7/29/2022	24	61	110	110
7/30/2022	1	58	110	110
7/30/2022	2	57	110	110
7/30/2022	3	56	90	90
7/30/2022	4	54	90	90
7/30/2022	5	55	90	90
7/30/2022	6	57	91	91
7/30/2022	7	56	95	95
7/30/2022	8	58	100	100
7/30/2022	9	63	117	115
7/30/2022	10	67	135	135
7/30/2022	11	70	135	135
7/30/2022	12	70	135	135
7/30/2022	13	70	135	135
7/30/2022	14	72	135	135
7/30/2022	15	71	135	135
7/30/2022	16	70	135	135
7/30/2022	17	70	135	135
7/30/2022	18	72	138	138
7/30/2022	19	74	138	138
7/30/2022	20	72	136	136
7/30/2022	21	70	135	135
7/30/2022	22	66	135	135
7/30/2022	23	63	115	115
7/30/2022	24	60	110	110
7/31/2022	1	56	110	110
7/31/2022	2	55	110	110
7/31/2022	3	54	90	90
7/31/2022	4	52	90	90
7/31/2022	5	53	90	90
7/31/2022	6	53	90	90
7/31/2022	7	53	95	95
7/31/2022	8	51	100	100
7/31/2022	9	54	115	115
7/31/2022	10	57	135	135
7/31/2022	11	59	135	135
7/31/2022	12	60	135	135
7/31/2022	13	61	135	135
7/31/2022	14	61	135	135
7/31/2022	15	61	135	135
7/31/2022	16	60	135	135
7/31/2022	17	60	135	135
7/31/2022	18	66	135	135
7/31/2022	19	69	135	135
7/31/2022	20	67	135	135
7/31/2022	21	65	135	135
7/31/2022	22	62	135	135
7/31/2022	23	59	115	115
7/31/2022	24	57	110	110
8/1/2022	1	58	110	110
8/1/2022	2	57	110	110
8/1/2022	3	55	90	90
8/1/2022	4	54	90	90
8/1/2022	5	54	90	90

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/1/2022	6	56	90	90
8/1/2022	7	55	95	95
8/1/2022	8	61	100	100
8/1/2022	9	70	128	128
8/1/2022	10	74	135	135
8/1/2022	11	77	138	138
8/1/2022	12	78	138	138
8/1/2022	13	78	138	138
8/1/2022	14	82	138	138
8/1/2022	15	80	138	138
8/1/2022	16	80	138	138
8/1/2022	17	75	138	138
8/1/2022	18	74	138	138
8/1/2022	19	76	138	138
8/1/2022	20	75	138	138
8/1/2022	21	73	138	138
8/1/2022	22	68	135	135
8/1/2022	23	64	117	117
8/1/2022	24	62	110	110
8/2/2022	1	58	110	110
8/2/2022	2	56	110	110
8/2/2022	3	54	90	90
8/2/2022	4	54	90	90
8/2/2022	5	55	90	90
8/2/2022	6	57	98	98
8/2/2022	7	57	90	90
8/2/2022	8	62	103	102
8/2/2022	9	70	138	138
8/2/2022	10	75	138	138
8/2/2022	11	78	138	138
8/2/2022	12	78	138	138
8/2/2022	13	79	138	138
8/2/2022	14	82	138	138
8/2/2022	15	81	138	138
8/2/2022	16	80	138	138
8/2/2022	17	75	138	138
8/2/2022	18	75	138	138
8/2/2022	19	77	138	138
8/2/2022	20	75	138	138
8/2/2022	21	72	138	138
8/2/2022	22	69	138	138
8/2/2022	23	65	135	135
8/2/2022	24	62	135	135
8/3/2022	1	56	110	110
8/3/2022	2	55	110	110
8/3/2022	3	53	90	90
8/3/2022	4	52	90	90
8/3/2022	5	51	90	90
8/3/2022	6	54	90	90
8/3/2022	7	55	90	90
8/3/2022	8	59	110	110
8/3/2022	9	67	135	134
8/3/2022	10	73	138	138
8/3/2022	11	77	138	138
8/3/2022	12	77	138	138
8/3/2022	13	78	138	138
8/3/2022	14	82	138	138
8/3/2022	15	81	138	138
8/3/2022	16	78	138	138
8/3/2022	17	74	138	138
8/3/2022	18	73	138	138
8/3/2022	19	76	138	138
8/3/2022	20	74	138	138
8/3/2022	21	72	138	138
8/3/2022	22	68	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/3/2022	23	64	112	110
8/3/2022	24	61	110	110
8/4/2022	1	57	110	110
8/4/2022	2	56	110	110
8/4/2022	3	54	99	99
8/4/2022	4	54	95	95
8/4/2022	5	55	99	99
8/4/2022	6	56	101	101
8/4/2022	7	56	96	96
8/4/2022	8	61	136	136
8/4/2022	9	70	138	138
8/4/2022	10	75	138	138
8/4/2022	11	78	138	138
8/4/2022	12	78	138	138
8/4/2022	13	77	138	138
8/4/2022	14	82	138	138
8/4/2022	15	80	138	138
8/4/2022	16	79	138	138
8/4/2022	17	75	138	138
8/4/2022	18	74	138	138
8/4/2022	19	76	138	138
8/4/2022	20	73	138	138
8/4/2022	21	71	138	138
8/4/2022	22	67	135	135
8/4/2022	23	64	133	133
8/4/2022	24	60	111	110
8/5/2022	1	58	110	110
8/5/2022	2	56	110	110
8/5/2022	3	54	90	90
8/5/2022	4	54	90	90
8/5/2022	5	54	90	90
8/5/2022	6	57	101	101
8/5/2022	7	57	98	97
8/5/2022	8	61	122	122
8/5/2022	9	69	138	138
8/5/2022	10	75	138	138
8/5/2022	11	78	138	138
8/5/2022	12	77	138	138
8/5/2022	13	79	138	138
8/5/2022	14	81	138	138
8/5/2022	15	80	138	138
8/5/2022	16	78	138	138
8/5/2022	17	74	138	138
8/5/2022	18	74	138	138
8/5/2022	19	76	138	138
8/5/2022	20	74	138	138
8/5/2022	21	72	138	138
8/5/2022	22	68	135	135
8/5/2022	23	65	138	138
8/5/2022	24	62	122	121
8/6/2022	1	60	110	110
8/6/2022	2	58	110	110
8/6/2022	3	55	90	90
8/6/2022	4	54	90	90
8/6/2022	5	54	90	90
8/6/2022	6	56	90	90
8/6/2022	7	54	95	95
8/6/2022	8	56	100	100
8/6/2022	9	62	116	115
8/6/2022	10	66	135	135
8/6/2022	11	68	135	135
8/6/2022	12	69	135	135
8/6/2022	13	69	135	135
8/6/2022	14	71	135	135
8/6/2022	15	70	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/6/2022	16	69	135	135
8/6/2022	17	68	135	135
8/6/2022	18	71	135	135
8/6/2022	19	72	135	135
8/6/2022	20	71	135	135
8/6/2022	21	69	135	135
8/6/2022	22	66	135	135
8/6/2022	23	63	120	120
8/6/2022	24	59	110	110
8/7/2022	1	55	110	110
8/7/2022	2	54	110	110
8/7/2022	3	52	90	90
8/7/2022	4	51	90	90
8/7/2022	5	52	90	90
8/7/2022	6	53	90	90
8/7/2022	7	52	95	95
8/7/2022	8	51	100	100
8/7/2022	9	53	116	115
8/7/2022	10	56	135	135
8/7/2022	11	59	135	135
8/7/2022	12	60	135	135
8/7/2022	13	60	135	135
8/7/2022	14	60	135	135
8/7/2022	15	61	135	135
8/7/2022	16	60	135	135
8/7/2022	17	60	135	135
8/7/2022	18	66	135	135
8/7/2022	19	69	135	135
8/7/2022	20	67	135	135
8/7/2022	21	65	135	135
8/7/2022	22	62	135	135
8/7/2022	23	59	115	115
8/7/2022	24	56	110	110
8/8/2022	1	54	110	110
8/8/2022	2	52	110	110
8/8/2022	3	51	90	90
8/8/2022	4	51	90	90
8/8/2022	5	51	90	90
8/8/2022	6	54	90	90
8/8/2022	7	53	95	95
8/8/2022	8	58	100	100
8/8/2022	9	67	138	138
8/8/2022	10	72	138	138
8/8/2022	11	76	138	138
8/8/2022	12	76	138	138
8/8/2022	13	78	138	138
8/8/2022	14	81	138	138
8/8/2022	15	80	138	138
8/8/2022	16	77	138	138
8/8/2022	17	73	138	138
8/8/2022	18	73	138	138
8/8/2022	19	75	138	138
8/8/2022	20	74	138	138
8/8/2022	21	71	138	138
8/8/2022	22	65	135	135
8/8/2022	23	62	116	116
8/8/2022	24	59	110	110
8/9/2022	1	57	110	110
8/9/2022	2	55	110	110
8/9/2022	3	53	90	90
8/9/2022	4	53	90	90
8/9/2022	5	54	90	90
8/9/2022	6	57	90	90
8/9/2022	7	56	95	95
8/9/2022	8	61	100	100

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/9/2022	9	69	116	115
8/9/2022	10	74	135	135
8/9/2022	11	78	135	135
8/9/2022	12	77	135	135
8/9/2022	13	79	135	135
8/9/2022	14	82	135	135
8/9/2022	15	81	135	135
8/9/2022	16	76	135	135
8/9/2022	17	73	135	135
8/9/2022	18	74	135	135
8/9/2022	19	75	135	135
8/9/2022	20	73	135	135
8/9/2022	21	71	135	135
8/9/2022	22	67	135	135
8/9/2022	23	62	115	115
8/9/2022	24	59	110	110
8/10/2022	1	55	135	90
8/10/2022	2	53	135	90
8/10/2022	3	51	135	90
8/10/2022	4	52	135	90
8/10/2022	5	53	135	90
8/10/2022	6	56	135	90
8/10/2022	7	55	135	90
8/10/2022	8	60	135	100
8/10/2022	9	67	135	116
8/10/2022	10	73	135	135
8/10/2022	11	77	135	135
8/10/2022	12	76	135	135
8/10/2022	13	77	135	135
8/10/2022	14	80	135	135
8/10/2022	15	79	135	135
8/10/2022	16	77	135	135
8/10/2022	17	73	135	135
8/10/2022	18	74	135	135
8/10/2022	19	72	135	135
8/10/2022	20	70	135	135
8/10/2022	21	67	135	135
8/10/2022	22	64	135	115
8/10/2022	23	61	135	100
8/10/2022	24	57	135	91
8/11/2022	1	55	135	90
8/11/2022	2	54	135	90
8/11/2022	3	52	135	90
8/11/2022	4	53	135	90
8/11/2022	5	55	135	90
8/11/2022	6	57	135	90
8/11/2022	7	57	135	90
8/11/2022	8	60	135	93
8/11/2022	9	67	135	133
8/11/2022	10	71	138	138
8/11/2022	11	76	138	138
8/11/2022	12	75	138	138
8/11/2022	13	75	138	138
8/11/2022	14	80	138	138
8/11/2022	15	78	138	138
8/11/2022	16	75	138	138
8/11/2022	17	73	138	138
8/11/2022	18	73	138	138
8/11/2022	19	73	138	138
8/11/2022	20	71	138	138
8/11/2022	21	69	138	138
8/11/2022	22	64	135	107
8/11/2022	23	61	135	107
8/11/2022	24	57	135	102
8/12/2022	1	58	135	99

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/12/2022	2	55	135	90
8/12/2022	3	54	135	90
8/12/2022	4	53	135	90
8/12/2022	5	54	135	90
8/12/2022	6	57	135	90
8/12/2022	7	57	135	90
8/12/2022	8	61	135	114
8/12/2022	9	69	138	138
8/12/2022	10	73	138	138
8/12/2022	11	76	138	138
8/12/2022	12	75	138	138
8/12/2022	13	76	138	138
8/12/2022	14	80	138	138
8/12/2022	15	79	138	138
8/12/2022	16	78	138	138
8/12/2022	17	74	138	138
8/12/2022	18	75	138	138
8/12/2022	19	77	138	138
8/12/2022	20	74	138	138
8/12/2022	21	72	138	138
8/12/2022	22	67	135	122
8/12/2022	23	63	135	120
8/12/2022	24	60	135	107
8/13/2022	1	57	135	90
8/13/2022	2	55	135	90
8/13/2022	3	54	135	90
8/13/2022	4	52	135	90
8/13/2022	5	53	135	90
8/13/2022	6	56	135	90
8/13/2022	7	55	135	90
8/13/2022	8	57	135	90
8/13/2022	9	63	135	115
8/13/2022	10	67	135	116
8/13/2022	11	70	135	123
8/13/2022	12	70	135	123
8/13/2022	13	72	135	135
8/13/2022	14	74	135	135
8/13/2022	15	73	135	135
8/13/2022	16	70	135	135
8/13/2022	17	68	135	128
8/13/2022	18	71	135	135
8/13/2022	19	73	135	135
8/13/2022	20	71	135	135
8/13/2022	21	69	135	135
8/13/2022	22	66	135	112
8/13/2022	23	62	135	100
8/13/2022	24	59	135	100
8/14/2022	1	56	135	90
8/14/2022	2	55	135	90
8/14/2022	3	54	135	90
8/14/2022	4	52	117	90
8/14/2022	5	53	135	90
8/14/2022	6	54	135	90
8/14/2022	7	52	110	90
8/14/2022	8	48	110	90
8/14/2022	9	51	112	90
8/14/2022	10	54	135	110
8/14/2022	11	56	135	110
8/14/2022	12	55	135	110
8/14/2022	13	56	135	110
8/14/2022	14	58	135	110
8/14/2022	15	61	135	110
8/14/2022	16	60	135	110
8/14/2022	17	61	135	110
8/14/2022	18	65	135	111

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/14/2022	19	68	135	111
8/14/2022	20	65	135	111
8/14/2022	21	64	135	111
8/14/2022	22	61	135	90
8/14/2022	23	58	135	90
8/14/2022	24	55	135	90
8/15/2022	1	56	135	90
8/15/2022	2	55	135	90
8/15/2022	3	53	135	90
8/15/2022	4	52	135	90
8/15/2022	5	54	135	90
8/15/2022	6	56	135	90
8/15/2022	7	56	135	90
8/15/2022	8	61	135	92
8/15/2022	9	70	138	138
8/15/2022	10	74	138	138
8/15/2022	11	76	138	138
8/15/2022	12	76	138	138
8/15/2022	13	77	138	138
8/15/2022	14	81	138	138
8/15/2022	15	80	138	138
8/15/2022	16	77	138	138
8/15/2022	17	74	138	138
8/15/2022	18	74	138	138
8/15/2022	19	76	138	138
8/15/2022	20	74	138	138
8/15/2022	21	72	138	138
8/15/2022	22	68	135	110
8/15/2022	23	65	135	108
8/15/2022	24	61	135	100
8/16/2022	1	55	132	102
8/16/2022	2	53	132	100
8/16/2022	3	52	132	90
8/16/2022	4	51	132	90
8/16/2022	5	53	132	99
8/16/2022	6	55	132	103
8/16/2022	7	55	132	104
8/16/2022	8	59	132	111
8/16/2022	9	68	135	120
8/16/2022	10	74	135	135
8/16/2022	11	76	135	135
8/16/2022	12	75	135	135
8/16/2022	13	78	135	135
8/16/2022	14	80	138	138
8/16/2022	15	78	138	138
8/16/2022	16	76	135	135
8/16/2022	17	75	135	135
8/16/2022	18	76	135	135
8/16/2022	19	77	135	135
8/16/2022	20	74	135	135
8/16/2022	21	73	135	135
8/16/2022	22	69	135	135
8/16/2022	23	66	135	135
8/16/2022	24	62	135	120
8/17/2022	1	57	135	99
8/17/2022	2	56	135	97
8/17/2022	3	54	135	96
8/17/2022	4	52	135	95
8/17/2022	5	54	135	96
8/17/2022	6	57	135	100
8/17/2022	7	55	135	90
8/17/2022	8	60	135	114
8/17/2022	9	69	135	124
8/17/2022	10	73	138	138
8/17/2022	11	77	138	138

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/17/2022	12	77	138	138
8/17/2022	13	80	138	138
8/17/2022	14	81	138	138
8/17/2022	15	80	138	138
8/17/2022	16	79	138	138
8/17/2022	17	76	138	138
8/17/2022	18	74	138	138
8/17/2022	19	78	138	138
8/17/2022	20	75	138	138
8/17/2022	21	73	138	138
8/17/2022	22	70	138	138
8/17/2022	23	66	138	138
8/17/2022	24	62	135	124
8/18/2022	1	57	135	101
8/18/2022	2	55	135	97
8/18/2022	3	53	135	96
8/18/2022	4	52	135	95
8/18/2022	5	54	135	97
8/18/2022	6	57	135	100
8/18/2022	7	55	135	101
8/18/2022	8	61	135	121
8/18/2022	9	69	138	138
8/18/2022	10	74	138	138
8/18/2022	11	78	138	138
8/18/2022	12	77	138	138
8/18/2022	13	79	138	138
8/18/2022	14	82	138	138
8/18/2022	15	80	138	138
8/18/2022	16	77	138	138
8/18/2022	17	72	138	138
8/18/2022	18	74	138	138
8/18/2022	19	76	138	138
8/18/2022	20	74	138	138
8/18/2022	21	71	138	138
8/18/2022	22	65	135	129
8/18/2022	23	62	135	129
8/18/2022	24	59	135	106
8/19/2022	1	57	135	99
8/19/2022	2	54	135	97
8/19/2022	3	53	135	96
8/19/2022	4	52	135	95
8/19/2022	5	53	135	96
8/19/2022	6	55	135	100
8/19/2022	7	54	135	101
8/19/2022	8	59	135	109
8/19/2022	9	66	135	121
8/19/2022	10	71	138	138
8/19/2022	11	75	138	138
8/19/2022	12	74	138	138
8/19/2022	13	75	138	138
8/19/2022	14	79	138	138
8/19/2022	15	76	138	138
8/19/2022	16	74	138	138
8/19/2022	17	72	138	138
8/19/2022	18	74	138	138
8/19/2022	19	74	138	138
8/19/2022	20	72	138	138
8/19/2022	21	69	138	138
8/19/2022	22	65	135	121
8/19/2022	23	61	135	117
8/19/2022	24	59	135	111
8/20/2022	1	58	135	104
8/20/2022	2	56	135	101
8/20/2022	3	55	135	96
8/20/2022	4	53	135	96

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/20/2022	5	54	135	97
8/20/2022	6	56	135	101
8/20/2022	7	55	135	101
8/20/2022	8	57	135	106
8/20/2022	9	63	135	118
8/20/2022	10	68	135	122
8/20/2022	11	70	138	138
8/20/2022	12	70	138	138
8/20/2022	13	72	138	138
8/20/2022	14	75	138	138
8/20/2022	15	73	138	138
8/20/2022	16	70	138	138
8/20/2022	17	68	138	138
8/20/2022	18	71	138	138
8/20/2022	19	73	138	138
8/20/2022	20	71	138	138
8/20/2022	21	69	138	138
8/20/2022	22	66	135	132
8/20/2022	23	62	135	110
8/20/2022	24	59	135	106
8/21/2022	1	54	109	90
8/21/2022	2	52	109	90
8/21/2022	3	51	100	90
8/21/2022	4	50	90	90
8/21/2022	5	51	90	90
8/21/2022	6	51	90	90
8/21/2022	7	50	90	90
8/21/2022	8	51	90	90
8/21/2022	9	54	110	100
8/21/2022	10	56	120	100
8/21/2022	11	59	120	118
8/21/2022	12	60	120	119
8/21/2022	13	60	120	120
8/21/2022	14	61	120	120
8/21/2022	15	60	120	120
8/21/2022	16	59	120	119
8/21/2022	17	60	120	117
8/21/2022	18	64	135	119
8/21/2022	19	67	135	119
8/21/2022	20	65	135	116
8/21/2022	21	62	126	113
8/21/2022	22	59	111	100
8/21/2022	23	55	110	100
8/21/2022	24	52	100	90
8/22/2022	1	53	100	90
8/22/2022	2	51	100	90
8/22/2022	3	50	100	90
8/22/2022	4	50	100	90
8/22/2022	5	50	100	90
8/22/2022	6	53	106	90
8/22/2022	7	53	106	90
8/22/2022	8	57	135	90
8/22/2022	9	66	135	117
8/22/2022	10	71	135	127
8/22/2022	11	75	138	138
8/22/2022	12	75	138	138
8/22/2022	13	77	138	138
8/22/2022	14	79	138	138
8/22/2022	15	78	138	138
8/22/2022	16	76	138	138
8/22/2022	17	73	138	138
8/22/2022	18	74	138	138
8/22/2022	19	74	138	138
8/22/2022	20	71	135	123
8/22/2022	21	69	135	114

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/22/2022	22	65	135	112
8/22/2022	23	61	135	112
8/22/2022	24	58	135	110
8/23/2022	1	57	135	90
8/23/2022	2	55	135	90
8/23/2022	3	53	135	90
8/23/2022	4	53	135	90
8/23/2022	5	54	135	90
8/23/2022	6	57	135	90
8/23/2022	7	55	135	90
8/23/2022	8	60	135	90
8/23/2022	9	69	135	114
8/23/2022	10	74	135	135
8/23/2022	11	78	135	135
8/23/2022	12	77	135	135
8/23/2022	13	77	135	135
8/23/2022	14	81	138	137
8/23/2022	15	80	135	135
8/23/2022	16	77	135	135
8/23/2022	17	73	135	135
8/23/2022	18	74	135	135
8/23/2022	19	75	135	135
8/23/2022	20	73	135	135
8/23/2022	21	71	135	135
8/23/2022	22	66	135	112
8/23/2022	23	62	135	100
8/23/2022	24	59	135	100
8/24/2022	1	56	135	90
8/24/2022	2	54	135	90
8/24/2022	3	52	135	90
8/24/2022	4	52	135	90
8/24/2022	5	54	135	90
8/24/2022	6	57	135	90
8/24/2022	7	55	135	90
8/24/2022	8	61	135	112
8/24/2022	9	69	135	135
8/24/2022	10	74	135	135
8/24/2022	11	79	138	138
8/24/2022	12	78	135	122
8/24/2022	13	80	138	138
8/24/2022	14	84	138	138
8/24/2022	15	81	136	135
8/24/2022	16	79	135	123
8/24/2022	17	76	135	122
8/24/2022	18	75	135	122
8/24/2022	19	76	135	122
8/24/2022	20	73	135	117
8/24/2022	21	72	135	114
8/24/2022	22	67	135	113
8/24/2022	23	63	135	100
8/24/2022	24	61	135	100
8/25/2022	1	58	135	90
8/25/2022	2	56	135	90
8/25/2022	3	54	135	90
8/25/2022	4	53	135	90
8/25/2022	5	55	135	90
8/25/2022	6	57	135	90
8/25/2022	7	55	135	90
8/25/2022	8	61	135	90
8/25/2022	9	69	135	135
8/25/2022	10	75	135	135
8/25/2022	11	78	135	135
8/25/2022	12	77	135	135
8/25/2022	13	78	135	135
8/25/2022	14	83	138	138

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/25/2022	15	79	138	138
8/25/2022	16	77	138	137
8/25/2022	17	74	135	135
8/25/2022	18	74	135	135
8/25/2022	19	76	135	135
8/25/2022	20	74	135	135
8/25/2022	21	72	135	135
8/25/2022	22	67	135	135
8/25/2022	23	64	135	135
8/25/2022	24	60	135	135
8/26/2022	1	58	110	110
8/26/2022	2	55	110	110
8/26/2022	3	54	90	90
8/26/2022	4	53	90	90
8/26/2022	5	54	90	90
8/26/2022	6	58	90	90
8/26/2022	7	57	95	95
8/26/2022	8	62	100	100
8/26/2022	9	67	115	115
8/26/2022	10	73	135	135
8/26/2022	11	76	135	135
8/26/2022	12	76	135	135
8/26/2022	13	77	135	135
8/26/2022	14	81	138	138
8/26/2022	15	80	136	135
8/26/2022	16	79	135	135
8/26/2022	17	76	135	135
8/26/2022	18	76	135	135
8/26/2022	19	77	135	135
8/26/2022	20	75	135	135
8/26/2022	21	73	135	135
8/26/2022	22	69	135	135
8/26/2022	23	64	115	115
8/26/2022	24	61	110	110
8/27/2022	1	58	90	90
8/27/2022	2	56	90	90
8/27/2022	3	54	90	90
8/27/2022	4	54	90	90
8/27/2022	5	54	90	90
8/27/2022	6	56	90	90
8/27/2022	7	55	90	90
8/27/2022	8	57	90	90
8/27/2022	9	62	90	90
8/27/2022	10	66	113	112
8/27/2022	11	69	135	135
8/27/2022	12	69	135	135
8/27/2022	13	70	135	135
8/27/2022	14	73	135	135
8/27/2022	15	72	135	135
8/27/2022	16	70	135	135
8/27/2022	17	68	135	135
8/27/2022	18	71	135	135
8/27/2022	19	73	135	135
8/27/2022	20	70	135	135
8/27/2022	21	68	135	135
8/27/2022	22	65	133	133
8/27/2022	23	62	115	115
8/27/2022	24	58	110	110
8/28/2022	1	57	110	110
8/28/2022	2	55	110	110
8/28/2022	3	54	90	90
8/28/2022	4	53	90	90
8/28/2022	5	52	90	90
8/28/2022	6	53	90	90
8/28/2022	7	53	95	95

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/28/2022	8	54	100	100
8/28/2022	9	56	115	115
8/28/2022	10	59	135	135
8/28/2022	11	61	135	135
8/28/2022	12	62	135	135
8/28/2022	13	63	135	135
8/28/2022	14	63	135	135
8/28/2022	15	63	135	135
8/28/2022	16	63	135	135
8/28/2022	17	63	135	135
8/28/2022	18	68	135	135
8/28/2022	19	69	135	135
8/28/2022	20	66	135	135
8/28/2022	21	65	135	135
8/28/2022	22	61	135	135
8/28/2022	23	57	115	115
8/28/2022	24	54	110	110
8/29/2022	1	48	90	90
8/29/2022	2	47	90	90
8/29/2022	3	45	90	90
8/29/2022	4	45	90	90
8/29/2022	5	47	90	90
8/29/2022	6	49	90	90
8/29/2022	7	52	90	90
8/29/2022	8	55	90	90
8/29/2022	9	62	115	115
8/29/2022	10	65	115	115
8/29/2022	11	67	115	115
8/29/2022	12	65	115	115
8/29/2022	13	66	115	115
8/29/2022	14	67	115	115
8/29/2022	15	68	115	115
8/29/2022	16	66	115	115
8/29/2022	17	62	115	115
8/29/2022	18	67	115	115
8/29/2022	19	69	123	123
8/29/2022	20	66	115	115
8/29/2022	21	63	115	115
8/29/2022	22	59	115	115
8/29/2022	23	56	100	100
8/29/2022	24	53	100	100
8/30/2022	1	57	110	110
8/30/2022	2	55	110	110
8/30/2022	3	53	90	90
8/30/2022	4	53	90	90
8/30/2022	5	55	90	90
8/30/2022	6	57	90	90
8/30/2022	7	54	95	95
8/30/2022	8	61	100	100
8/30/2022	9	69	118	118
8/30/2022	10	74	135	135
8/30/2022	11	78	135	135
8/30/2022	12	77	135	135
8/30/2022	13	78	135	135
8/30/2022	14	82	138	138
8/30/2022	15	80	138	138
8/30/2022	16	78	135	135
8/30/2022	17	73	135	135
8/30/2022	18	75	135	135
8/30/2022	19	76	135	135
8/30/2022	20	74	135	135
8/30/2022	21	71	135	135
8/30/2022	22	67	135	135
8/30/2022	23	63	115	115
8/30/2022	24	59	110	110

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/31/2022	1	57	110	110
8/31/2022	2	55	110	110
8/31/2022	3	53	90	90
8/31/2022	4	53	90	90
8/31/2022	5	55	90	90
8/31/2022	6	60	90	90
8/31/2022	7	55	100	100
8/31/2022	8	61	115	115
8/31/2022	9	69	135	135
8/31/2022	10	75	135	135
8/31/2022	11	79	135	135
8/31/2022	12	78	135	135
8/31/2022	13	79	135	135
8/31/2022	14	82	138	138
8/31/2022	15	80	138	138
8/31/2022	16	79	138	138
8/31/2022	17	75	135	135
8/31/2022	18	76	135	135
8/31/2022	19	77	135	135
8/31/2022	20	74	135	135
8/31/2022	21	72	135	135
8/31/2022	22	67	135	135
8/31/2022	23	64	125	125
8/31/2022	24	60	125	125
9/1/2022	1	60	117	117
9/1/2022	2	57	117	117
9/1/2022	3	56	112	112
9/1/2022	4	55	97	97
9/1/2022	5	58	96	96
9/1/2022	6	60	97	97
9/1/2022	7	55	97	97
9/1/2022	8	61	97	97
9/1/2022	9	69	135	135
9/1/2022	10	73	135	135
9/1/2022	11	76	135	135
9/1/2022	12	76	135	135
9/1/2022	13	78	135	135
9/1/2022	14	82	138	138
9/1/2022	15	80	138	138
9/1/2022	16	79	136	136
9/1/2022	17	77	135	135
9/1/2022	18	79	138	138
9/1/2022	19	79	138	138
9/1/2022	20	76	138	138
9/1/2022	21	74	136	136
9/1/2022	22	69	135	135
9/1/2022	23	66	121	121
9/1/2022	24	62	119	119
9/2/2022	1	59	110	110
9/2/2022	2	58	110	110
9/2/2022	3	55	90	90
9/2/2022	4	55	90	90
9/2/2022	5	58	90	90
9/2/2022	6	60	90	90
9/2/2022	7	55	95	95
9/2/2022	8	62	100	100
9/2/2022	9	71	115	115
9/2/2022	10	76	135	135
9/2/2022	11	80	135	135
9/2/2022	12	78	135	135
9/2/2022	13	79	135	135
9/2/2022	14	83	135	135
9/2/2022	15	81	135	135
9/2/2022	16	80	135	135
9/2/2022	17	76	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/2/2022	18	78	135	135
9/2/2022	19	78	135	135
9/2/2022	20	77	135	135
9/2/2022	21	74	135	135
9/2/2022	22	69	135	135
9/2/2022	23	66	115	115
9/2/2022	24	63	110	110
9/3/2022	1	57	110	110
9/3/2022	2	57	110	110
9/3/2022	3	55	90	90
9/3/2022	4	54	90	90
9/3/2022	5	54	90	90
9/3/2022	6	56	90	90
9/3/2022	7	55	95	95
9/3/2022	8	58	100	100
9/3/2022	9	63	115	115
9/3/2022	10	67	135	135
9/3/2022	11	70	135	135
9/3/2022	12	69	135	135
9/3/2022	13	71	135	135
9/3/2022	14	74	135	135
9/3/2022	15	72	135	135
9/3/2022	16	70	135	135
9/3/2022	17	69	135	135
9/3/2022	18	72	135	135
9/3/2022	19	73	135	135
9/3/2022	20	71	135	135
9/3/2022	21	70	135	135
9/3/2022	22	67	135	135
9/3/2022	23	64	115	115
9/3/2022	24	60	110	110
9/4/2022	1	56	110	110
9/4/2022	2	54	110	110
9/4/2022	3	53	90	90
9/4/2022	4	52	90	90
9/4/2022	5	52	90	90
9/4/2022	6	52	90	90
9/4/2022	7	52	95	95
9/4/2022	8	53	100	100
9/4/2022	9	57	115	115
9/4/2022	10	59	135	135
9/4/2022	11	62	135	135
9/4/2022	12	63	135	135
9/4/2022	13	63	135	135
9/4/2022	14	65	135	135
9/4/2022	15	64	135	135
9/4/2022	16	63	135	135
9/4/2022	17	61	135	135
9/4/2022	18	66	135	135
9/4/2022	19	70	135	135
9/4/2022	20	68	135	135
9/4/2022	21	65	135	135
9/4/2022	22	62	135	135
9/4/2022	23	59	115	115
9/4/2022	24	57	110	110
9/5/2022	1	54	90	90
9/5/2022	2	53	90	90
9/5/2022	3	51	90	90
9/5/2022	4	51	90	90
9/5/2022	5	51	90	90
9/5/2022	6	54	90	90
9/5/2022	7	53	90	90
9/5/2022	8	57	90	90
9/5/2022	9	66	115	115
9/5/2022	10	71	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/5/2022	11	75	135	135
9/5/2022	12	75	135	135
9/5/2022	13	76	135	135
9/5/2022	14	79	135	135
9/5/2022	15	78	135	135
9/5/2022	16	75	135	135
9/5/2022	17	72	135	135
9/5/2022	18	73	135	135
9/5/2022	19	74	135	135
9/5/2022	20	71	135	135
9/5/2022	21	69	135	135
9/5/2022	22	65	135	135
9/5/2022	23	61	115	115
9/5/2022	24	56	110	110
9/6/2022	1	55	110	110
9/6/2022	2	53	110	110
9/6/2022	3	52	90	90
9/6/2022	4	51	90	90
9/6/2022	5	53	90	90
9/6/2022	6	56	90	90
9/6/2022	7	53	95	95
9/6/2022	8	59	110	110
9/6/2022	9	68	138	138
9/6/2022	10	74	138	138
9/6/2022	11	77	138	138
9/6/2022	12	76	138	138
9/6/2022	13	77	138	138
9/6/2022	14	80	138	138
9/6/2022	15	79	138	138
9/6/2022	16	77	138	138
9/6/2022	17	72	138	138
9/6/2022	18	74	138	138
9/6/2022	19	74	138	138
9/6/2022	20	72	138	138
9/6/2022	21	70	138	138
9/6/2022	22	65	135	135
9/6/2022	23	61	115	115
9/6/2022	24	58	110	110
9/7/2022	1	56	110	110
9/7/2022	2	53	110	110
9/7/2022	3	53	90	90
9/7/2022	4	52	90	90
9/7/2022	5	54	90	90
9/7/2022	6	59	90	90
9/7/2022	7	56	95	95
9/7/2022	8	61	102	102
9/7/2022	9	68	135	135
9/7/2022	10	74	136	135
9/7/2022	11	77	138	138
9/7/2022	12	77	138	138
9/7/2022	13	77	138	138
9/7/2022	14	80	138	138
9/7/2022	15	78	138	138
9/7/2022	16	77	138	138
9/7/2022	17	75	138	138
9/7/2022	18	77	138	138
9/7/2022	19	75	138	138
9/7/2022	20	73	138	138
9/7/2022	21	70	135	135
9/7/2022	22	66	135	135
9/7/2022	23	62	115	115
9/7/2022	24	60	110	110
9/8/2022	1	56	110	110
9/8/2022	2	55	110	110
9/8/2022	3	53	90	90

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/8/2022	4	53	90	90
9/8/2022	5	56	90	90
9/8/2022	6	59	90	90
9/8/2022	7	54	95	95
9/8/2022	8	61	100	100
9/8/2022	9	69	129	129
9/8/2022	10	73	138	138
9/8/2022	11	76	138	138
9/8/2022	12	75	138	138
9/8/2022	13	74	138	138
9/8/2022	14	80	138	138
9/8/2022	15	78	138	138
9/8/2022	16	76	138	138
9/8/2022	17	74	135	135
9/8/2022	18	76	138	138
9/8/2022	19	74	138	138
9/8/2022	20	72	135	135
9/8/2022	21	69	135	135
9/8/2022	22	65	135	135
9/8/2022	23	62	115	115
9/8/2022	24	58	110	110
9/9/2022	1	56	110	110
9/9/2022	2	55	125	125
9/9/2022	3	54	90	90
9/9/2022	4	53	90	90
9/9/2022	5	56	90	90
9/9/2022	6	58	90	90
9/9/2022	7	54	95	95
9/9/2022	8	60	100	100
9/9/2022	9	67	115	115
9/9/2022	10	72	135	135
9/9/2022	11	76	135	135
9/9/2022	12	74	135	135
9/9/2022	13	75	135	135
9/9/2022	14	80	138	138
9/9/2022	15	77	138	138
9/9/2022	16	73	135	135
9/9/2022	17	71	135	135
9/9/2022	18	75	135	135
9/9/2022	19	76	138	138
9/9/2022	20	74	135	135
9/9/2022	21	72	135	135
9/9/2022	22	69	135	135
9/9/2022	23	65	115	115
9/9/2022	24	62	110	110
9/10/2022	1	60	110	110
9/10/2022	2	58	110	110
9/10/2022	3	57	90	90
9/10/2022	4	56	90	90
9/10/2022	5	56	90	90
9/10/2022	6	57	90	90
9/10/2022	7	57	95	95
9/10/2022	8	60	95	95
9/10/2022	9	65	115	115
9/10/2022	10	69	135	135
9/10/2022	11	72	135	135
9/10/2022	12	72	135	135
9/10/2022	13	73	135	135
9/10/2022	14	76	135	135
9/10/2022	15	76	135	135
9/10/2022	16	73	135	135
9/10/2022	17	71	135	135
9/10/2022	18	75	135	135
9/10/2022	19	76	135	135
9/10/2022	20	74	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/10/2022	21	72	135	135
9/10/2022	22	68	135	135
9/10/2022	23	65	115	115
9/10/2022	24	61	110	110
9/11/2022	1	59	110	110
9/11/2022	2	57	125	125
9/11/2022	3	55	90	90
9/11/2022	4	54	90	90
9/11/2022	5	53	90	90
9/11/2022	6	54	90	90
9/11/2022	7	54	95	95
9/11/2022	8	52	100	100
9/11/2022	9	54	115	115
9/11/2022	10	58	135	135
9/11/2022	11	61	135	135
9/11/2022	12	63	135	135
9/11/2022	13	63	135	135
9/11/2022	14	65	135	135
9/11/2022	15	65	135	135
9/11/2022	16	66	135	135
9/11/2022	17	66	135	135
9/11/2022	18	71	135	135
9/11/2022	19	72	135	135
9/11/2022	20	71	135	135
9/11/2022	21	68	135	135
9/11/2022	22	65	135	135
9/11/2022	23	62	115	115
9/11/2022	24	59	110	110
9/12/2022	1	55	90	90
9/12/2022	2	53	90	90
9/12/2022	3	53	90	90
9/12/2022	4	51	90	90
9/12/2022	5	56	90	90
9/12/2022	6	57	90	90
9/12/2022	7	53	90	90
9/12/2022	8	60	100	100
9/12/2022	9	68	115	115
9/12/2022	10	73	135	135
9/12/2022	11	76	135	135
9/12/2022	12	76	135	135
9/12/2022	13	77	135	135
9/12/2022	14	80	135	135
9/12/2022	15	78	135	135
9/12/2022	16	75	135	135
9/12/2022	17	73	135	135
9/12/2022	18	75	135	135
9/12/2022	19	73	135	135
9/12/2022	20	72	135	135
9/12/2022	21	69	135	135
9/12/2022	22	65	135	135
9/12/2022	23	61	110	110
9/12/2022	24	58	110	110
9/13/2022	1	56	110	110
9/13/2022	2	55	125	125
9/13/2022	3	53	90	90
9/13/2022	4	53	90	90
9/13/2022	5	56	90	90
9/13/2022	6	59	90	90
9/13/2022	7	54	95	95
9/13/2022	8	61	100	100
9/13/2022	9	70	115	115
9/13/2022	10	75	135	135
9/13/2022	11	78	135	135
9/13/2022	12	76	135	135
9/13/2022	13	79	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/13/2022	14	82	138	138
9/13/2022	15	81	138	138
9/13/2022	16	78	135	135
9/13/2022	17	74	135	135
9/13/2022	18	77	135	135
9/13/2022	19	76	135	135
9/13/2022	20	74	135	135
9/13/2022	21	71	135	135
9/13/2022	22	68	135	135
9/13/2022	23	64	115	115
9/13/2022	24	61	110	110
9/14/2022	1	59	110	110
9/14/2022	2	57	110	110
9/14/2022	3	55	90	90
9/14/2022	4	54	90	90
9/14/2022	5	59	90	90
9/14/2022	6	58	90	90
9/14/2022	7	56	95	95
9/14/2022	8	64	123	123
9/14/2022	9	72	118	117
9/14/2022	10	76	135	135
9/14/2022	11	80	138	138
9/14/2022	12	79	135	135
9/14/2022	13	80	135	135
9/14/2022	14	84	138	138
9/14/2022	15	81	138	138
9/14/2022	16	80	138	138
9/14/2022	17	76	135	135
9/14/2022	18	78	138	138
9/14/2022	19	77	135	135
9/14/2022	20	75	135	135
9/14/2022	21	74	135	135
9/14/2022	22	69	135	135
9/14/2022	23	64	115	115
9/14/2022	24	61	110	110
9/15/2022	1	57	110	110
9/15/2022	2	56	110	110
9/15/2022	3	54	90	90
9/15/2022	4	54	90	90
9/15/2022	5	57	90	90
9/15/2022	6	59	90	90
9/15/2022	7	55	95	95
9/15/2022	8	62	100	100
9/15/2022	9	70	138	138
9/15/2022	10	76	138	138
9/15/2022	11	79	138	138
9/15/2022	12	78	138	138
9/15/2022	13	80	138	138
9/15/2022	14	82	138	138
9/15/2022	15	80	138	138
9/15/2022	16	78	138	138
9/15/2022	17	76	138	138
9/15/2022	18	78	138	138
9/15/2022	19	77	138	138
9/15/2022	20	75	138	138
9/15/2022	21	72	135	135
9/15/2022	22	67	135	135
9/15/2022	23	63	115	115
9/15/2022	24	60	110	110
9/16/2022	1	58	90	90
9/16/2022	2	56	90	90
9/16/2022	3	55	90	90
9/16/2022	4	54	90	90
9/16/2022	5	58	90	90
9/16/2022	6	60	90	90

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/16/2022	7	57	95	95
9/16/2022	8	61	95	95
9/16/2022	9	71	115	115
9/16/2022	10	77	135	135
9/16/2022	11	80	135	135
9/16/2022	12	79	135	135
9/16/2022	13	80	135	135
9/16/2022	14	83	135	135
9/16/2022	15	81	135	135
9/16/2022	16	78	135	135
9/16/2022	17	74	135	135
9/16/2022	18	77	135	135
9/16/2022	19	75	135	135
9/16/2022	20	75	135	135
9/16/2022	21	72	135	135
9/16/2022	22	67	135	135
9/16/2022	23	64	115	115
9/16/2022	24	62	110	110
9/17/2022	1	58	110	110
9/17/2022	2	56	110	110
9/17/2022	3	54	90	90
9/17/2022	4	54	90	90
9/17/2022	5	55	90	90
9/17/2022	6	58	90	90
9/17/2022	7	56	90	90
9/17/2022	8	61	115	115
9/17/2022	9	65	125	125
9/17/2022	10	69	135	135
9/17/2022	11	73	135	135
9/17/2022	12	72	135	135
9/17/2022	13	73	135	135
9/17/2022	14	75	135	135
9/17/2022	15	74	135	135
9/17/2022	16	72	135	135
9/17/2022	17	69	135	135
9/17/2022	18	75	138	138
9/17/2022	19	73	135	135
9/17/2022	20	73	135	135
9/17/2022	21	70	135	135
9/17/2022	22	67	135	135
9/17/2022	23	63	120	120
9/17/2022	24	59	110	110
9/18/2022	1	57	105	105
9/18/2022	2	55	105	105
9/18/2022	3	53	85	85
9/18/2022	4	52	85	85
9/18/2022	5	51	85	85
9/18/2022	6	53	85	85
9/18/2022	7	51	92	92
9/18/2022	8	51	110	110
9/18/2022	9	53	125	125
9/18/2022	10	58	135	135
9/18/2022	11	61	135	135
9/18/2022	12	61	135	135
9/18/2022	13	62	135	135
9/18/2022	14	64	135	135
9/18/2022	15	63	135	135
9/18/2022	16	63	135	135
9/18/2022	17	64	135	135
9/18/2022	18	72	135	135
9/18/2022	19	70	135	135
9/18/2022	20	68	135	135
9/18/2022	21	67	135	135
9/18/2022	22	63	135	135
9/18/2022	23	60	120	120

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/18/2022	24	57	110	110
9/19/2022	1	55	110	110
9/19/2022	2	53	110	110
9/19/2022	3	52	90	90
9/19/2022	4	51	90	90
9/19/2022	5	55	90	90
9/19/2022	6	56	90	90
9/19/2022	7	53	90	90
9/19/2022	8	60	115	115
9/19/2022	9	69	138	138
9/19/2022	10	74	138	138
9/19/2022	11	76	138	138
9/19/2022	12	77	138	138
9/19/2022	13	78	138	138
9/19/2022	14	82	138	138
9/19/2022	15	79	138	138
9/19/2022	16	78	138	138
9/19/2022	17	75	138	138
9/19/2022	18	77	138	138
9/19/2022	19	75	138	138
9/19/2022	20	74	138	138
9/19/2022	21	71	135	135
9/19/2022	22	67	135	135
9/19/2022	23	63	120	120
9/19/2022	24	60	110	110
9/20/2022	1	58	110	110
9/20/2022	2	56	110	110
9/20/2022	3	54	90	90
9/20/2022	4	54	90	90
9/20/2022	5	57	90	90
9/20/2022	6	58	90	90
9/20/2022	7	55	100	100
9/20/2022	8	60	115	115
9/20/2022	9	69	125	125
9/20/2022	10	74	135	135
9/20/2022	11	78	135	135
9/20/2022	12	77	135	135
9/20/2022	13	79	135	135
9/20/2022	14	84	138	138
9/20/2022	15	82	138	138
9/20/2022	16	79	135	135
9/20/2022	17	75	135	135
9/20/2022	18	77	135	135
9/20/2022	19	77	135	135
9/20/2022	20	75	135	135
9/20/2022	21	72	135	135
9/20/2022	22	67	135	135
9/20/2022	23	64	120	120
9/20/2022	24	60	110	110
9/21/2022	1	60	110	110
9/21/2022	2	58	110	110
9/21/2022	3	56	90	90
9/21/2022	4	56	90	90
9/21/2022	5	59	90	90
9/21/2022	6	61	93	93
9/21/2022	7	57	90	90
9/21/2022	8	64	115	115
9/21/2022	9	73	125	125
9/21/2022	10	76	135	135
9/21/2022	11	78	135	135
9/21/2022	12	79	135	135
9/21/2022	13	80	135	135
9/21/2022	14	84	135	135
9/21/2022	15	83	135	135
9/21/2022	16	80	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/21/2022	17	75	135	135
9/21/2022	18	79	135	135
9/21/2022	19	77	135	135
9/21/2022	20	76	135	135
9/21/2022	21	73	135	135
9/21/2022	22	69	135	135
9/21/2022	23	65	120	120
9/21/2022	24	62	110	110
9/22/2022	1	58	110	110
9/22/2022	2	57	110	110
9/22/2022	3	54	90	90
9/22/2022	4	54	90	90
9/22/2022	5	57	90	90
9/22/2022	6	59	90	90
9/22/2022	7	54	100	100
9/22/2022	8	62	115	115
9/22/2022	9	71	125	125
9/22/2022	10	76	135	135
9/22/2022	11	79	135	135
9/22/2022	12	80	135	135
9/22/2022	13	81	135	135
9/22/2022	14	86	138	138
9/22/2022	15	83	138	138
9/22/2022	16	80	135	135
9/22/2022	17	76	135	135
9/22/2022	18	78	135	135
9/22/2022	19	76	135	135
9/22/2022	20	74	135	135
9/22/2022	21	72	135	135
9/22/2022	22	67	135	135
9/22/2022	23	63	120	120
9/22/2022	24	60	110	110
9/23/2022	1	59	90	90
9/23/2022	2	58	90	90
9/23/2022	3	55	90	90
9/23/2022	4	55	90	90
9/23/2022	5	58	90	90
9/23/2022	6	60	90	90
9/23/2022	7	55	90	90
9/23/2022	8	63	115	115
9/23/2022	9	70	125	125
9/23/2022	10	74	135	135
9/23/2022	11	77	135	135
9/23/2022	12	76	135	135
9/23/2022	13	78	135	135
9/23/2022	14	82	135	135
9/23/2022	15	80	135	135
9/23/2022	16	79	135	135
9/23/2022	17	75	135	135
9/23/2022	18	78	135	135
9/23/2022	19	75	135	135
9/23/2022	20	74	135	135
9/23/2022	21	72	135	135
9/23/2022	22	68	120	120
9/23/2022	23	65	110	110
9/23/2022	24	61	110	110
9/24/2022	1	58	90	90
9/24/2022	2	57	90	90
9/24/2022	3	55	90	90
9/24/2022	4	55	90	90
9/24/2022	5	55	90	90
9/24/2022	6	57	90	90
9/24/2022	7	55	90	90
9/24/2022	8	59	115	115
9/24/2022	9	65	125	125

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/24/2022	10	69	135	135
9/24/2022	11	72	135	135
9/24/2022	12	72	135	135
9/24/2022	13	73	135	135
9/24/2022	14	76	135	135
9/24/2022	15	75	135	135
9/24/2022	16	73	135	135
9/24/2022	17	71	135	135
9/24/2022	18	76	135	135
9/24/2022	19	76	135	135
9/24/2022	20	74	135	135
9/24/2022	21	72	135	135
9/24/2022	22	69	135	135
9/24/2022	23	66	110	110
9/24/2022	24	62	110	110
9/25/2022	1	59	90	90
9/25/2022	2	57	90	90
9/25/2022	3	55	90	90
9/25/2022	4	54	90	90
9/25/2022	5	53	90	90
9/25/2022	6	55	90	90
9/25/2022	7	53	90	90
9/25/2022	8	53	90	90
9/25/2022	9	56	93	90
9/25/2022	10	60	93	90
9/25/2022	11	63	100	100
9/25/2022	12	64	115	115
9/25/2022	13	66	125	125
9/25/2022	14	67	135	135
9/25/2022	15	67	135	135
9/25/2022	16	65	135	135
9/25/2022	17	64	135	135
9/25/2022	18	72	135	135
9/25/2022	19	72	135	135
9/25/2022	20	71	135	135
9/25/2022	21	69	135	135
9/25/2022	22	66	125	125
9/25/2022	23	62	110	110
9/25/2022	24	59	110	110
9/26/2022	1	57	90	90
9/26/2022	2	55	90	90
9/26/2022	3	53	90	90
9/26/2022	4	53	90	90
9/26/2022	5	56	90	90
9/26/2022	6	58	90	90
9/26/2022	7	52	90	90
9/26/2022	8	59	115	115
9/26/2022	9	69	125	125
9/26/2022	10	75	135	135
9/26/2022	11	78	135	135
9/26/2022	12	77	135	135
9/26/2022	13	79	135	135
9/26/2022	14	83	135	135
9/26/2022	15	81	135	135
9/26/2022	16	79	135	135
9/26/2022	17	75	135	135
9/26/2022	18	79	135	135
9/26/2022	19	76	135	135
9/26/2022	20	75	135	135
9/26/2022	21	72	135	135
9/26/2022	22	68	135	135
9/26/2022	23	64	110	110
9/26/2022	24	61	110	110
9/27/2022	1	57	90	90
9/27/2022	2	55	90	90

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/27/2022	3	53	90	90
9/27/2022	4	53	90	90
9/27/2022	5	57	90	90
9/27/2022	6	58	90	90
9/27/2022	7	55	90	90
9/27/2022	8	62	110	110
9/27/2022	9	70	135	135
9/27/2022	10	74	135	135
9/27/2022	11	79	135	135
9/27/2022	12	78	135	135
9/27/2022	13	79	135	135
9/27/2022	14	83	135	135
9/27/2022	15	81	135	135
9/27/2022	16	78	135	135
9/27/2022	17	75	135	135
9/27/2022	18	77	135	135
9/27/2022	19	74	135	135
9/27/2022	20	72	135	135
9/27/2022	21	70	135	135
9/27/2022	22	66	135	135
9/27/2022	23	63	110	110
9/27/2022	24	60	110	110
9/28/2022	1	58	90	90
9/28/2022	2	57	90	90
9/28/2022	3	55	90	90
9/28/2022	4	54	90	90
9/28/2022	5	58	90	90
9/28/2022	6	60	90	90
9/28/2022	7	56	90	90
9/28/2022	8	63	110	110
9/28/2022	9	71	135	135
9/28/2022	10	76	135	135
9/28/2022	11	79	135	135
9/28/2022	12	78	135	135
9/28/2022	13	79	135	135
9/28/2022	14	81	135	135
9/28/2022	15	79	135	135
9/28/2022	16	76	135	135
9/28/2022	17	72	135	135
9/28/2022	18	76	135	135
9/28/2022	19	74	135	135
9/28/2022	20	73	135	135
9/28/2022	21	71	135	135
9/28/2022	22	66	135	135
9/28/2022	23	62	110	110
9/28/2022	24	59	110	110
9/29/2022	1	59	90	90
9/29/2022	2	57	90	90
9/29/2022	3	54	90	90
9/29/2022	4	56	90	90
9/29/2022	5	57	90	90
9/29/2022	6	58	90	90
9/29/2022	7	54	90	90
9/29/2022	8	61	110	110
9/29/2022	9	68	135	135
9/29/2022	10	74	135	135
9/29/2022	11	79	135	135
9/29/2022	12	78	135	135
9/29/2022	13	78	135	135
9/29/2022	14	83	135	135
9/29/2022	15	80	135	135
9/29/2022	16	78	135	135
9/29/2022	17	75	135	135
9/29/2022	18	78	135	135
9/29/2022	19	77	135	135

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/29/2022	20	75	135	135
9/29/2022	21	72	135	135
9/29/2022	22	67	135	135
9/29/2022	23	65	110	110
9/29/2022	24	63	110	110
9/30/2022	1	58	90	90
9/30/2022	2	56	90	90
9/30/2022	3	53	90	90
9/30/2022	4	54	90	90
9/30/2022	5	56	90	90
9/30/2022	6	57	90	90
9/30/2022	7	54	90	90
9/30/2022	8	62	90	90
9/30/2022	9	69	100	100
9/30/2022	10	75	135	135
9/30/2022	11	78	135	135
9/30/2022	12	77	135	135
9/30/2022	13	78	135	135
9/30/2022	14	82	135	135
9/30/2022	15	78	135	135
9/30/2022	16	77	135	135
9/30/2022	17	74	135	135
9/30/2022	18	76	135	135
9/30/2022	19	74	135	135
9/30/2022	20	71	135	135
9/30/2022	21	69	135	135
9/30/2022	22	65	115	115
9/30/2022	23	62	110	110
9/30/2022	24	60	100	100
10/1/2022	1	57	90	90
10/1/2022	2	56	90	90
10/1/2022	3	54	90	90
10/1/2022	4	53	90	90
10/1/2022	5	54	90	90
10/1/2022	6	56	90	90
10/1/2022	7	54	90	90
10/1/2022	8	58	100	100
10/1/2022	9	64	115	115
10/1/2022	10	68	135	135
10/1/2022	11	71	135	135
10/1/2022	12	71	135	135
10/1/2022	13	72	135	135
10/1/2022	14	75	135	135
10/1/2022	15	74	135	135
10/1/2022	16	72	135	135
10/1/2022	17	70	135	135
10/1/2022	18	74	135	135
10/1/2022	19	74	135	135
10/1/2022	20	71	135	135
10/1/2022	21	70	135	135
10/1/2022	22	65	135	135
10/1/2022	23	63	116	110
10/1/2022	24	60	110	110
10/2/2022	1	56	90	90
10/2/2022	2	54	90	90
10/2/2022	3	53	90	90
10/2/2022	4	51	90	90
10/2/2022	5	52	90	90
10/2/2022	6	53	90	90
10/2/2022	7	52	90	90
10/2/2022	8	53	90	90
10/2/2022	9	55	90	90
10/2/2022	10	58	90	90
10/2/2022	11	62	100	100
10/2/2022	12	61	100	100

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/2/2022	13	63	100	100
10/2/2022	14	65	115	115
10/2/2022	15	65	115	115
10/2/2022	16	62	115	115
10/2/2022	17	63	115	115
10/2/2022	18	69	116	116
10/2/2022	19	70	116	115
10/2/2022	20	69	116	115
10/2/2022	21	68	116	115
10/2/2022	22	64	116	100
10/2/2022	23	60	101	90
10/2/2022	24	58	90	90
10/3/2022	1	55	90	90
10/3/2022	2	53	90	90
10/3/2022	3	52	90	90
10/3/2022	4	52	90	90
10/3/2022	5	55	90	90
10/3/2022	6	56	90	90
10/3/2022	7	52	90	90
10/3/2022	8	60	100	100
10/3/2022	9	69	116	115
10/3/2022	10	75	135	135
10/3/2022	11	78	135	135
10/3/2022	12	78	135	135
10/3/2022	13	80	135	135
10/3/2022	14	83	135	135
10/3/2022	15	81	135	135
10/3/2022	16	79	135	135
10/3/2022	17	74	135	135
10/3/2022	18	78	135	135
10/3/2022	19	77	135	135
10/3/2022	20	75	135	135
10/3/2022	21	74	135	135
10/3/2022	22	69	135	135
10/3/2022	23	65	116	110
10/3/2022	24	62	116	110
10/4/2022	1	59	90	90
10/4/2022	2	57	90	90
10/4/2022	3	55	90	90
10/4/2022	4	55	90	90
10/4/2022	5	58	90	90
10/4/2022	6	60	90	90
10/4/2022	7	56	90	90
10/4/2022	8	63	100	100
10/4/2022	9	72	129	128
10/4/2022	10	76	135	135
10/4/2022	11	80	135	135
10/4/2022	12	79	135	135
10/4/2022	13	80	135	135
10/4/2022	14	82	135	135
10/4/2022	15	80	135	135
10/4/2022	16	78	135	135
10/4/2022	17	75	135	135
10/4/2022	18	78	135	135
10/4/2022	19	76	135	135
10/4/2022	20	74	135	135
10/4/2022	21	71	135	135
10/4/2022	22	66	135	135
10/4/2022	23	64	110	110
10/4/2022	24	61	110	110
10/5/2022	1	56	101	90
10/5/2022	2	55	90	90
10/5/2022	3	53	90	90
10/5/2022	4	53	90	90
10/5/2022	5	56	92	90

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/5/2022	6	57	99	90
10/5/2022	7	53	90	90
10/5/2022	8	61	106	100
10/5/2022	9	70	120	115
10/5/2022	10	76	135	135
10/5/2022	11	79	135	135
10/5/2022	12	78	135	135
10/5/2022	13	78	135	135
10/5/2022	14	82	135	135
10/5/2022	15	78	135	135
10/5/2022	16	76	135	135
10/5/2022	17	73	135	135
10/5/2022	18	77	135	135
10/5/2022	19	74	135	135
10/5/2022	20	73	135	135
10/5/2022	21	71	135	135
10/5/2022	22	66	135	135
10/5/2022	23	63	120	110
10/5/2022	24	60	120	110
10/6/2022	1	55	101	90
10/6/2022	2	54	90	90
10/6/2022	3	52	90	90
10/6/2022	4	52	90	90
10/6/2022	5	55	90	90
10/6/2022	6	57	98	90
10/6/2022	7	53	90	90
10/6/2022	8	60	101	100
10/6/2022	9	69	120	115
10/6/2022	10	73	135	135
10/6/2022	11	77	135	135
10/6/2022	12	76	135	135
10/6/2022	13	77	135	135
10/6/2022	14	80	135	135
10/6/2022	15	77	135	135
10/6/2022	16	73	135	135
10/6/2022	17	70	135	135
10/6/2022	18	75	135	135
10/6/2022	19	71	135	135
10/6/2022	20	70	135	135
10/6/2022	21	67	135	135
10/6/2022	22	64	135	135
10/6/2022	23	60	120	110
10/6/2022	24	56	110	110
10/7/2022	1	57	90	90
10/7/2022	2	56	90	90
10/7/2022	3	54	90	90
10/7/2022	4	54	90	90
10/7/2022	5	56	90	90
10/7/2022	6	57	90	90
10/7/2022	7	54	90	90
10/7/2022	8	60	100	100
10/7/2022	9	69	120	115
10/7/2022	10	74	135	135
10/7/2022	11	76	135	135
10/7/2022	12	78	135	135
10/7/2022	13	78	135	135
10/7/2022	14	79	135	135
10/7/2022	15	77	135	135
10/7/2022	16	74	135	135
10/7/2022	17	73	135	135
10/7/2022	18	75	135	135
10/7/2022	19	72	135	135
10/7/2022	20	72	135	135
10/7/2022	21	69	135	135
10/7/2022	22	65	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/7/2022	23	62	110	110
10/7/2022	24	58	110	110
10/8/2022	1	57	90	90
10/8/2022	2	55	90	90
10/8/2022	3	53	90	90
10/8/2022	4	53	90	90
10/8/2022	5	53	90	90
10/8/2022	6	54	90	90
10/8/2022	7	54	90	90
10/8/2022	8	57	100	100
10/8/2022	9	63	115	115
10/8/2022	10	67	135	135
10/8/2022	11	70	135	135
10/8/2022	12	70	135	135
10/8/2022	13	70	135	135
10/8/2022	14	72	135	135
10/8/2022	15	71	135	135
10/8/2022	16	69	135	135
10/8/2022	17	70	135	135
10/8/2022	18	75	135	135
10/8/2022	19	72	135	135
10/8/2022	20	70	135	135
10/8/2022	21	68	135	135
10/8/2022	22	64	135	135
10/8/2022	23	62	120	110
10/8/2022	24	58	110	110
10/9/2022	1	58	113	112
10/9/2022	2	56	98	98
10/9/2022	3	53	78	78
10/9/2022	4	52	78	78
10/9/2022	5	52	78	78
10/9/2022	6	53	79	79
10/9/2022	7	52	79	79
10/9/2022	8	53	79	79
10/9/2022	9	56	79	79
10/9/2022	10	60	86	86
10/9/2022	11	63	102	101
10/9/2022	12	64	109	109
10/9/2022	13	64	116	107
10/9/2022	14	65	116	110
10/9/2022	15	65	116	114
10/9/2022	16	63	116	106
10/9/2022	17	63	120	111
10/9/2022	18	71	135	135
10/9/2022	19	72	135	135
10/9/2022	20	70	135	135
10/9/2022	21	68	135	135
10/9/2022	22	64	123	123
10/9/2022	23	60	122	122
10/9/2022	24	58	105	104
10/10/2022	1	54	109	76
10/10/2022	2	52	109	76
10/10/2022	3	50	109	76
10/10/2022	4	50	108	76
10/10/2022	5	54	109	76
10/10/2022	6	56	109	87
10/10/2022	7	52	109	90
10/10/2022	8	58	109	100
10/10/2022	9	68	119	115
10/10/2022	10	73	135	135
10/10/2022	11	77	135	135
10/10/2022	12	76	135	135
10/10/2022	13	77	135	135
10/10/2022	14	81	138	138
10/10/2022	15	80	138	138

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/10/2022	16	77	135	135
10/10/2022	17	74	135	135
10/10/2022	18	79	138	138
10/10/2022	19	76	135	135
10/10/2022	20	74	135	135
10/10/2022	21	71	135	135
10/10/2022	22	67	135	135
10/10/2022	23	63	115	115
10/10/2022	24	60	110	110
10/11/2022	1	56	80	80
10/11/2022	2	55	79	78
10/11/2022	3	52	75	75
10/11/2022	4	52	75	75
10/11/2022	5	56	78	78
10/11/2022	6	58	89	89
10/11/2022	7	54	80	80
10/11/2022	8	61	104	103
10/11/2022	9	71	135	135
10/11/2022	10	76	135	135
10/11/2022	11	78	135	135
10/11/2022	12	78	135	135
10/11/2022	13	79	135	135
10/11/2022	14	82	135	135
10/11/2022	15	80	135	135
10/11/2022	16	77	135	135
10/11/2022	17	73	135	135
10/11/2022	18	78	135	135
10/11/2022	19	76	135	135
10/11/2022	20	73	135	135
10/11/2022	21	71	135	135
10/11/2022	22	66	108	106
10/11/2022	23	62	106	105
10/11/2022	24	59	90	90
10/12/2022	1	58	110	110
10/12/2022	2	56	90	90
10/12/2022	3	54	88	88
10/12/2022	4	53	75	75
10/12/2022	5	55	81	81
10/12/2022	6	56	85	85
10/12/2022	7	53	80	80
10/12/2022	8	59	90	90
10/12/2022	9	69	115	115
10/12/2022	10	75	135	135
10/12/2022	11	78	135	135
10/12/2022	12	77	135	134
10/12/2022	13	78	135	135
10/12/2022	14	83	135	135
10/12/2022	15	80	135	135
10/12/2022	16	79	135	135
10/12/2022	17	74	135	135
10/12/2022	18	78	135	135
10/12/2022	19	76	135	135
10/12/2022	20	73	135	135
10/12/2022	21	71	135	135
10/12/2022	22	66	127	127
10/12/2022	23	63	115	115
10/12/2022	24	59	108	108
10/13/2022	1	58	94	94
10/13/2022	2	56	99	99
10/13/2022	3	55	91	91
10/13/2022	4	54	83	83
10/13/2022	5	56	104	104
10/13/2022	6	58	102	102
10/13/2022	7	53	80	80
10/13/2022	8	61	93	93

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/13/2022	9	70	111	111
10/13/2022	10	75	135	135
10/13/2022	11	78	135	135
10/13/2022	12	78	135	135
10/13/2022	13	79	135	135
10/13/2022	14	82	135	135
10/13/2022	15	81	135	135
10/13/2022	16	78	135	135
10/13/2022	17	75	135	135
10/13/2022	18	79	135	135
10/13/2022	19	76	135	135
10/13/2022	20	73	135	135
10/13/2022	21	71	135	135
10/13/2022	22	67	135	135
10/13/2022	23	63	135	135
10/13/2022	24	60	120	120
10/14/2022	1	58	90	90
10/14/2022	2	56	90	90
10/14/2022	3	54	80	80
10/14/2022	4	54	80	80
10/14/2022	5	56	90	90
10/14/2022	6	58	100	100
10/14/2022	7	54	85	85
10/14/2022	8	61	110	110
10/14/2022	9	70	125	125
10/14/2022	10	76	135	135
10/14/2022	11	79	135	135
10/14/2022	12	77	135	135
10/14/2022	13	78	135	135
10/14/2022	14	81	135	135
10/14/2022	15	78	135	135
10/14/2022	16	77	135	135
10/14/2022	17	74	135	135
10/14/2022	18	79	138	138
10/14/2022	19	75	135	135
10/14/2022	20	73	135	135
10/14/2022	21	70	135	135
10/14/2022	22	66	135	135
10/14/2022	23	62	134	133
10/14/2022	24	60	115	115
10/15/2022	1	57	98	98
10/15/2022	2	55	90	90
10/15/2022	3	53	90	90
10/15/2022	4	53	90	90
10/15/2022	5	54	92	92
10/15/2022	6	54	90	90
10/15/2022	7	52	80	80
10/15/2022	8	55	90	90
10/15/2022	9	59	117	117
10/15/2022	10	64	131	131
10/15/2022	11	67	122	122
10/15/2022	12	66	115	115
10/15/2022	13	66	118	118
10/15/2022	14	67	119	119
10/15/2022	15	72	135	135
10/15/2022	16	71	135	135
10/15/2022	17	68	125	125
10/15/2022	18	76	135	135
10/15/2022	19	75	135	135
10/15/2022	20	73	135	135
10/15/2022	21	71	135	135
10/15/2022	22	65	125	125
10/15/2022	23	61	125	125
10/15/2022	24	59	121	120
10/16/2022	1	55	80	80

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/16/2022	2	54	80	80
10/16/2022	3	53	80	80
10/16/2022	4	51	80	80
10/16/2022	5	51	80	80
10/16/2022	6	51	80	80
10/16/2022	7	49	80	80
10/16/2022	8	50	80	80
10/16/2022	9	53	100	100
10/16/2022	10	59	115	115
10/16/2022	11	62	135	135
10/16/2022	12	63	135	135
10/16/2022	13	62	135	135
10/16/2022	14	61	135	135
10/16/2022	15	61	135	135
10/16/2022	16	61	135	135
10/16/2022	17	62	125	124
10/16/2022	18	70	135	135
10/16/2022	19	68	135	135
10/16/2022	20	67	135	135
10/16/2022	21	65	135	135
10/16/2022	22	57	110	110
10/16/2022	23	55	110	110
10/16/2022	24	53	110	100
10/17/2022	1	53	78	78
10/17/2022	2	52	80	80
10/17/2022	3	50	80	80
10/17/2022	4	50	80	80
10/17/2022	5	54	85	85
10/17/2022	6	56	90	90
10/17/2022	7	53	80	80
10/17/2022	8	59	95	95
10/17/2022	9	67	122	122
10/17/2022	10	73	135	135
10/17/2022	11	76	135	135
10/17/2022	12	76	135	135
10/17/2022	13	78	135	135
10/17/2022	14	81	135	135
10/17/2022	15	80	135	135
10/17/2022	16	77	135	135
10/17/2022	17	72	123	123
10/17/2022	18	78	135	135
10/17/2022	19	77	135	135
10/17/2022	20	74	135	135
10/17/2022	21	71	135	135
10/17/2022	22	66	135	135
10/17/2022	23	63	121	121
10/17/2022	24	58	100	100
10/18/2022	1	58	90	90
10/18/2022	2	57	90	90
10/18/2022	3	54	84	84
10/18/2022	4	53	80	80
10/18/2022	5	55	86	86
10/18/2022	6	57	90	90
10/18/2022	7	53	90	90
10/18/2022	8	62	115	115
10/18/2022	9	70	135	135
10/18/2022	10	75	135	135
10/18/2022	11	78	135	135
10/18/2022	12	78	135	135
10/18/2022	13	78	135	135
10/18/2022	14	81	135	135
10/18/2022	15	78	135	135
10/18/2022	16	76	135	135
10/18/2022	17	73	135	135
10/18/2022	18	76	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/18/2022	19	74	135	135
10/18/2022	20	71	135	135
10/18/2022	21	70	135	135
10/18/2022	22	66	125	125
10/18/2022	23	63	110	110
10/18/2022	24	60	105	105
10/19/2022	1	56	80	80
10/19/2022	2	54	80	80
10/19/2022	3	53	80	80
10/19/2022	4	53	80	80
10/19/2022	5	55	80	80
10/19/2022	6	58	100	100
10/19/2022	7	55	90	90
10/19/2022	8	61	105	105
10/19/2022	9	69	135	135
10/19/2022	10	74	135	135
10/19/2022	11	78	135	135
10/19/2022	12	77	135	135
10/19/2022	13	77	135	135
10/19/2022	14	81	135	135
10/19/2022	15	78	135	135
10/19/2022	16	76	135	135
10/19/2022	17	73	135	135
10/19/2022	18	76	135	135
10/19/2022	19	73	135	135
10/19/2022	20	72	135	135
10/19/2022	21	68	135	135
10/19/2022	22	64	115	115
10/19/2022	23	61	100	100
10/19/2022	24	58	100	100
10/20/2022	1	58	90	90
10/20/2022	2	56	84	84
10/20/2022	3	55	80	80
10/20/2022	4	54	80	80
10/20/2022	5	57	81	81
10/20/2022	6	59	90	90
10/20/2022	7	54	80	80
10/20/2022	8	60	88	88
10/20/2022	9	69	114	114
10/20/2022	10	74	113	113
10/20/2022	11	77	130	130
10/20/2022	12	77	121	121
10/20/2022	13	77	116	116
10/20/2022	14	81	135	135
10/20/2022	15	80	135	135
10/20/2022	16	76	135	135
10/20/2022	17	74	122	122
10/20/2022	18	77	135	135
10/20/2022	19	73	135	135
10/20/2022	20	72	135	135
10/20/2022	21	69	123	123
10/20/2022	22	66	106	106
10/20/2022	23	62	99	99
10/20/2022	24	59	90	90
10/21/2022	1	55	78	78
10/21/2022	2	54	74	74
10/21/2022	3	53	75	75
10/21/2022	4	52	74	74
10/21/2022	5	56	80	80
10/21/2022	6	57	85	85
10/21/2022	7	53	80	80
10/21/2022	8	60	93	93
10/21/2022	9	69	122	122
10/21/2022	10	74	130	130
10/21/2022	11	77	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/21/2022	12	77	135	135
10/21/2022	13	78	135	135
10/21/2022	14	81	135	135
10/21/2022	15	79	135	135
10/21/2022	16	78	135	135
10/21/2022	17	74	135	135
10/21/2022	18	77	135	135
10/21/2022	19	74	135	135
10/21/2022	20	72	135	135
10/21/2022	21	69	124	124
10/21/2022	22	65	103	103
10/21/2022	23	62	100	100
10/21/2022	24	59	95	95
10/22/2022	1	56	80	80
10/22/2022	2	55	80	80
10/22/2022	3	53	80	80
10/22/2022	4	52	80	80
10/22/2022	5	53	80	80
10/22/2022	6	54	80	80
10/22/2022	7	53	90	90
10/22/2022	8	57	100	100
10/22/2022	9	63	116	115
10/22/2022	10	67	135	135
10/22/2022	11	70	135	135
10/22/2022	12	69	135	135
10/22/2022	13	70	135	135
10/22/2022	14	72	135	135
10/22/2022	15	70	135	135
10/22/2022	16	69	135	135
10/22/2022	17	68	135	135
10/22/2022	18	74	135	135
10/22/2022	19	71	135	135
10/22/2022	20	70	135	135
10/22/2022	21	68	135	135
10/22/2022	22	65	121	115
10/22/2022	23	60	115	100
10/22/2022	24	57	100	100
10/23/2022	1	55	90	90
10/23/2022	2	54	80	80
10/23/2022	3	52	80	80
10/23/2022	4	51	80	80
10/23/2022	5	51	80	80
10/23/2022	6	51	80	80
10/23/2022	7	50	80	80
10/23/2022	8	51	80	80
10/23/2022	9	56	100	80
10/23/2022	10	59	98	90
10/23/2022	11	62	103	100
10/23/2022	12	62	103	100
10/23/2022	13	63	105	105
10/23/2022	14	62	103	95
10/23/2022	15	61	104	98
10/23/2022	16	61	101	100
10/23/2022	17	61	102	95
10/23/2022	18	69	134	134
10/23/2022	19	68	113	113
10/23/2022	20	67	105	104
10/23/2022	21	65	103	100
10/23/2022	22	60	99	85
10/23/2022	23	58	90	90
10/23/2022	24	55	80	80
10/24/2022	1	53	80	80
10/24/2022	2	52	80	80
10/24/2022	3	50	80	80
10/24/2022	4	50	80	80

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/24/2022	5	53	80	80
10/24/2022	6	56	80	80
10/24/2022	7	51	85	80
10/24/2022	8	59	100	100
10/24/2022	9	68	135	135
10/24/2022	10	73	135	135
10/24/2022	11	77	135	135
10/24/2022	12	77	135	135
10/24/2022	13	77	135	135
10/24/2022	14	81	138	138
10/24/2022	15	79	138	138
10/24/2022	16	76	135	135
10/24/2022	17	74	135	135
10/24/2022	18	77	138	138
10/24/2022	19	74	135	135
10/24/2022	20	73	135	135
10/24/2022	21	69	135	135
10/24/2022	22	64	125	125
10/24/2022	23	61	125	125
10/24/2022	24	58	100	100
10/25/2022	1	56	80	80
10/25/2022	2	55	80	80
10/25/2022	3	53	80	80
10/25/2022	4	52	80	80
10/25/2022	5	56	80	80
10/25/2022	6	58	80	80
10/25/2022	7	54	80	80
10/25/2022	8	61	90	90
10/25/2022	9	70	110	110
10/25/2022	10	75	125	125
10/25/2022	11	78	130	130
10/25/2022	12	77	125	125
10/25/2022	13	78	125	125
10/25/2022	14	80	135	135
10/25/2022	15	78	130	130
10/25/2022	16	75	120	120
10/25/2022	17	72	120	120
10/25/2022	18	78	135	135
10/25/2022	19	74	125	125
10/25/2022	20	73	120	120
10/25/2022	21	70	110	110
10/25/2022	22	66	105	105
10/25/2022	23	63	93	93
10/25/2022	24	60	90	90
10/26/2022	1	56	80	80
10/26/2022	2	54	80	80
10/26/2022	3	54	80	80
10/26/2022	4	53	80	80
10/26/2022	5	55	80	80
10/26/2022	6	58	80	80
10/26/2022	7	53	80	80
10/26/2022	8	60	90	90
10/26/2022	9	66	100	100
10/26/2022	10	70	110	110
10/26/2022	11	71	110	110
10/26/2022	12	68	105	90
10/26/2022	13	70	104	100
10/26/2022	14	74	110	110
10/26/2022	15	73	122	122
10/26/2022	16	71	123	123
10/26/2022	17	69	110	110
10/26/2022	18	72	115	115
10/26/2022	19	69	110	110
10/26/2022	20	67	104	104
10/26/2022	21	64	101	90

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/26/2022	22	60	100	80
10/26/2022	23	56	80	80
10/26/2022	24	53	80	80
10/27/2022	1	57	80	80
10/27/2022	2	55	80	80
10/27/2022	3	53	80	80
10/27/2022	4	53	80	80
10/27/2022	5	57	80	80
10/27/2022	6	59	80	80
10/27/2022	7	55	80	80
10/27/2022	8	61	100	100
10/27/2022	9	69	100	100
10/27/2022	10	75	135	135
10/27/2022	11	78	135	135
10/27/2022	12	76	135	135
10/27/2022	13	77	135	135
10/27/2022	14	80	135	135
10/27/2022	15	78	135	135
10/27/2022	16	76	135	135
10/27/2022	17	72	135	135
10/27/2022	18	77	135	135
10/27/2022	19	73	135	135
10/27/2022	20	72	135	135
10/27/2022	21	69	135	135
10/27/2022	22	65	125	125
10/27/2022	23	63	110	110
10/27/2022	24	60	100	100
10/28/2022	1	56	80	80
10/28/2022	2	53	80	80
10/28/2022	3	52	80	80
10/28/2022	4	52	80	80
10/28/2022	5	55	80	80
10/28/2022	6	57	90	90
10/28/2022	7	54	80	80
10/28/2022	8	60	90	90
10/28/2022	9	68	100	100
10/28/2022	10	74	110	110
10/28/2022	11	77	120	120
10/28/2022	12	74	106	106
10/28/2022	13	76	113	113
10/28/2022	14	80	135	135
10/28/2022	15	79	135	135
10/28/2022	16	77	125	125
10/28/2022	17	73	115	115
10/28/2022	18	76	133	133
10/28/2022	19	75	124	124
10/28/2022	20	73	121	121
10/28/2022	21	71	113	113
10/28/2022	22	67	103	100
10/28/2022	23	64	100	100
10/28/2022	24	60	100	100
10/29/2022	1	57	80	80
10/29/2022	2	55	80	80
10/29/2022	3	53	80	80
10/29/2022	4	53	80	80
10/29/2022	5	54	80	80
10/29/2022	6	55	80	80
10/29/2022	7	55	80	80
10/29/2022	8	56	80	80
10/29/2022	9	62	100	100
10/29/2022	10	66	110	110
10/29/2022	11	70	110	110
10/29/2022	12	70	110	110
10/29/2022	13	70	110	110
10/29/2022	14	71	110	110

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/29/2022	15	70	114	114
10/29/2022	16	69	111	110
10/29/2022	17	70	119	118
10/29/2022	18	75	135	135
10/29/2022	19	73	135	135
10/29/2022	20	71	135	135
10/29/2022	21	69	122	122
10/29/2022	22	66	101	100
10/29/2022	23	62	100	100
10/29/2022	24	59	80	80
10/30/2022	1	55	70	70
10/30/2022	2	53	70	70
10/30/2022	3	51	70	70
10/30/2022	4	51	70	70
10/30/2022	5	51	70	70
10/30/2022	6	51	70	70
10/30/2022	7	51	78	78
10/30/2022	8	48	78	78
10/30/2022	9	51	78	78
10/30/2022	10	55	78	78
10/30/2022	11	58	78	78
10/30/2022	12	57	78	78
10/30/2022	13	57	78	78
10/30/2022	14	57	74	74
10/30/2022	15	57	86	80
10/30/2022	16	56	80	80
10/30/2022	17	59	102	80
10/30/2022	18	70	115	115
10/30/2022	19	68	105	95
10/30/2022	20	67	106	95
10/30/2022	21	65	102	90
10/30/2022	22	61	99	80
10/30/2022	23	58	80	80
10/30/2022	24	55	80	80
10/31/2022	1	53	70	70
10/31/2022	2	52	70	70
10/31/2022	3	49	70	70
10/31/2022	4	50	70	70
10/31/2022	5	52	70	70
10/31/2022	6	52	70	70
10/31/2022	7	50	76	76
10/31/2022	8	51	76	76
10/31/2022	9	52	76	76
10/31/2022	10	56	76	76
10/31/2022	11	59	86	86
10/31/2022	12	59	86	86
10/31/2022	13	61	86	86
10/31/2022	14	63	102	80
10/31/2022	15	62	103	80
10/31/2022	16	61	101	80
10/31/2022	17	62	100	90
10/31/2022	18	67	101	95
10/31/2022	19	63	101	90
10/31/2022	20	60	100	80
10/31/2022	21	57	80	80
10/31/2022	22	56	70	70
10/31/2022	23	52	70	70
10/31/2022	24	51	70	70
11/1/2022	1	55	80	80
11/1/2022	2	53	80	80
11/1/2022	3	51	75	75
11/1/2022	4	52	80	80
11/1/2022	5	54	80	80
11/1/2022	6	55	80	80
11/1/2022	7	51	80	80

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/1/2022	8	52	80	80
11/1/2022	9	56	100	100
11/1/2022	10	60	100	100
11/1/2022	11	63	100	100
11/1/2022	12	63	100	100
11/1/2022	13	64	100	100
11/1/2022	14	65	100	100
11/1/2022	15	64	100	100
11/1/2022	16	62	100	100
11/1/2022	17	62	100	100
11/1/2022	18	70	135	135
11/1/2022	19	68	134	134
11/1/2022	20	68	135	135
11/1/2022	21	66	135	135
11/1/2022	22	64	128	128
11/1/2022	23	60	100	100
11/1/2022	24	56	80	80
11/2/2022	1	56	80	80
11/2/2022	2	54	80	80
11/2/2022	3	53	80	80
11/2/2022	4	52	80	80
11/2/2022	5	55	80	80
11/2/2022	6	58	80	80
11/2/2022	7	53	88	88
11/2/2022	8	61	90	90
11/2/2022	9	69	100	100
11/2/2022	10	73	110	110
11/2/2022	11	78	118	118
11/2/2022	12	76	110	110
11/2/2022	13	77	110	110
11/2/2022	14	79	122	122
11/2/2022	15	77	115	115
11/2/2022	16	75	115	115
11/2/2022	17	74	120	120
11/2/2022	18	79	135	135
11/2/2022	19	74	120	120
11/2/2022	20	72	110	110
11/2/2022	21	69	105	105
11/2/2022	22	65	100	100
11/2/2022	23	62	100	100
11/2/2022	24	59	100	100
11/3/2022	1	56	80	80
11/3/2022	2	53	80	80
11/3/2022	3	52	80	80
11/3/2022	4	52	80	80
11/3/2022	5	55	80	80
11/3/2022	6	57	80	80
11/3/2022	7	54	88	88
11/3/2022	8	60	90	90
11/3/2022	9	69	111	100
11/3/2022	10	74	112	110
11/3/2022	11	78	125	125
11/3/2022	12	76	120	120
11/3/2022	13	77	120	120
11/3/2022	14	80	135	135
11/3/2022	15	77	135	135
11/3/2022	16	75	125	125
11/3/2022	17	74	120	120
11/3/2022	18	79	135	135
11/3/2022	19	74	117	110
11/3/2022	20	72	115	110
11/3/2022	21	70	115	110
11/3/2022	22	65	113	91
11/3/2022	23	62	91	91
11/3/2022	24	60	90	90

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/4/2022	1	56	80	80
11/4/2022	2	54	80	80
11/4/2022	3	53	80	80
11/4/2022	4	52	80	80
11/4/2022	5	54	80	80
11/4/2022	6	58	88	88
11/4/2022	7	54	80	80
11/4/2022	8	58	100	100
11/4/2022	9	66	120	120
11/4/2022	10	71	135	135
11/4/2022	11	75	135	135
11/4/2022	12	74	135	135
11/4/2022	13	77	125	125
11/4/2022	14	79	135	135
11/4/2022	15	77	135	135
11/4/2022	16	72	135	135
11/4/2022	17	71	135	135
11/4/2022	18	74	135	135
11/4/2022	19	71	135	135
11/4/2022	20	69	135	135
11/4/2022	21	68	135	135
11/4/2022	22	64	135	135
11/4/2022	23	61	110	110
11/4/2022	24	58	108	100
11/5/2022	1	53	80	80
11/5/2022	2	51	80	80
11/5/2022	3	50	80	80
11/5/2022	4	49	80	80
11/5/2022	5	51	80	80
11/5/2022	6	53	80	80
11/5/2022	7	50	88	88
11/5/2022	8	55	88	88
11/5/2022	9	61	100	100
11/5/2022	10	66	100	100
11/5/2022	11	69	114	110
11/5/2022	12	68	115	100
11/5/2022	13	68	115	100
11/5/2022	14	69	116	105
11/5/2022	15	68	117	105
11/5/2022	16	66	115	100
11/5/2022	17	67	115	110
11/5/2022	18	72	125	125
11/5/2022	19	69	119	110
11/5/2022	20	67	117	110
11/5/2022	21	65	114	101
11/5/2022	22	62	111	90
11/5/2022	23	60	110	90
11/5/2022	24	57	109	80
11/6/2022	1	53	80	80
11/6/2022	2	51	80	80
11/6/2022	3	50	80	80
11/6/2022	4	50	80	80
11/6/2022	5	51	80	80
11/6/2022	6	51	80	80
11/6/2022	7	51	80	80
11/6/2022	8	52	80	80
11/6/2022	9	55	114	80
11/6/2022	10	58	105	90
11/6/2022	11	61	115	114
11/6/2022	12	61	116	116
11/6/2022	13	62	125	125
11/6/2022	14	64	135	135
11/6/2022	15	62	135	135
11/6/2022	16	61	135	135
11/6/2022	17	62	120	120

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/6/2022	18	70	135	135
11/6/2022	19	68	135	135
11/6/2022	20	67	135	135
11/6/2022	21	64	135	135
11/6/2022	22	61	100	100
11/6/2022	23	57	100	100
11/6/2022	24	55	100	80
11/7/2022	1	54	90	90
11/7/2022	2	52	83	83
11/7/2022	3	51	80	80
11/7/2022	4	52	80	80
11/7/2022	5	54	80	80
11/7/2022	6	57	90	90
11/7/2022	7	52	80	80
11/7/2022	8	58	90	90
11/7/2022	9	66	117	110
11/7/2022	10	73	126	126
11/7/2022	11	76	135	135
11/7/2022	12	73	130	130
11/7/2022	13	76	135	135
11/7/2022	14	80	135	135
11/7/2022	15	77	135	135
11/7/2022	16	75	135	135
11/7/2022	17	70	120	120
11/7/2022	18	76	135	135
11/7/2022	19	73	135	135
11/7/2022	20	70	130	130
11/7/2022	21	66	120	120
11/7/2022	22	63	100	100
11/7/2022	23	59	115	90
11/7/2022	24	57	113	90
11/8/2022	1	56	86	86
11/8/2022	2	54	80	80
11/8/2022	3	53	80	80
11/8/2022	4	53	80	80
11/8/2022	5	55	80	80
11/8/2022	6	56	83	83
11/8/2022	7	54	88	88
11/8/2022	8	61	100	100
11/8/2022	9	68	114	110
11/8/2022	10	74	135	135
11/8/2022	11	77	135	135
11/8/2022	12	77	135	135
11/8/2022	13	78	135	135
11/8/2022	14	81	135	135
11/8/2022	15	79	135	135
11/8/2022	16	77	135	135
11/8/2022	17	73	135	135
11/8/2022	18	76	135	135
11/8/2022	19	73	130	130
11/8/2022	20	71	130	130
11/8/2022	21	68	122	122
11/8/2022	22	65	122	122
11/8/2022	23	62	122	122
11/8/2022	24	58	118	118
11/9/2022	1	57	90	90
11/9/2022	2	55	83	83
11/9/2022	3	54	80	80
11/9/2022	4	53	90	90
11/9/2022	5	56	95	95
11/9/2022	6	58	95	95
11/9/2022	7	54	80	80
11/9/2022	8	60	95	95
11/9/2022	9	69	124	124
11/9/2022	10	74	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/9/2022	11	78	135	135
11/9/2022	12	76	135	135
11/9/2022	13	77	135	135
11/9/2022	14	82	135	135
11/9/2022	15	80	135	135
11/9/2022	16	77	135	135
11/9/2022	17	75	135	135
11/9/2022	18	79	135	135
11/9/2022	19	76	135	135
11/9/2022	20	74	135	135
11/9/2022	21	71	135	135
11/9/2022	22	67	125	125
11/9/2022	23	63	120	120
11/9/2022	24	61	110	110
11/10/2022	1	57	105	105
11/10/2022	2	56	100	100
11/10/2022	3	54	90	90
11/10/2022	4	54	91	91
11/10/2022	5	57	100	100
11/10/2022	6	60	110	110
11/10/2022	7	54	90	90
11/10/2022	8	61	110	110
11/10/2022	9	69	135	135
11/10/2022	10	74	135	135
11/10/2022	11	79	135	135
11/10/2022	12	77	135	135
11/10/2022	13	77	135	135
11/10/2022	14	80	135	135
11/10/2022	15	79	135	135
11/10/2022	16	76	135	135
11/10/2022	17	74	135	135
11/10/2022	18	78	135	135
11/10/2022	19	74	135	135
11/10/2022	20	74	135	135
11/10/2022	21	71	135	135
11/10/2022	22	67	135	135
11/10/2022	23	64	125	125
11/10/2022	24	60	120	120
11/11/2022	1	58	90	90
11/11/2022	2	56	90	90
11/11/2022	3	54	90	90
11/11/2022	4	54	90	90
11/11/2022	5	57	90	90
11/11/2022	6	59	90	90
11/11/2022	7	54	90	90
11/11/2022	8	61	97	97
11/11/2022	9	71	135	135
11/11/2022	10	75	135	135
11/11/2022	11	78	135	135
11/11/2022	12	76	135	135
11/11/2022	13	78	135	135
11/11/2022	14	80	135	135
11/11/2022	15	80	135	135
11/11/2022	16	77	135	135
11/11/2022	17	75	135	135
11/11/2022	18	79	138	138
11/11/2022	19	76	135	135
11/11/2022	20	74	135	135
11/11/2022	21	71	135	135
11/11/2022	22	67	135	135
11/11/2022	23	64	135	135
11/11/2022	24	60	120	120
11/12/2022	1	57	95	95
11/12/2022	2	56	90	90
11/12/2022	3	54	85	85

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/12/2022	4	53	80	80
11/12/2022	5	54	80	80
11/12/2022	6	55	85	85
11/12/2022	7	52	80	80
11/12/2022	8	55	81	81
11/12/2022	9	61	95	95
11/12/2022	10	65	105	105
11/12/2022	11	69	110	110
11/12/2022	12	68	104	104
11/12/2022	13	68	105	105
11/12/2022	14	69	109	109
11/12/2022	15	69	110	110
11/12/2022	16	68	110	110
11/12/2022	17	67	115	115
11/12/2022	18	74	135	135
11/12/2022	19	72	135	135
11/12/2022	20	70	135	135
11/12/2022	21	68	125	125
11/12/2022	22	64	110	110
11/12/2022	23	61	100	100
11/12/2022	24	58	100	100
11/13/2022	1	54	80	80
11/13/2022	2	52	80	80
11/13/2022	3	51	80	80
11/13/2022	4	50	80	80
11/13/2022	5	51	80	80
11/13/2022	6	51	80	80
11/13/2022	7	50	80	80
11/13/2022	8	50	83	83
11/13/2022	9	55	100	100
11/13/2022	10	59	120	120
11/13/2022	11	62	120	120
11/13/2022	12	63	120	120
11/13/2022	13	63	120	120
11/13/2022	14	63	120	120
11/13/2022	15	63	120	120
11/13/2022	16	62	120	120
11/13/2022	17	62	135	135
11/13/2022	18	72	135	135
11/13/2022	19	70	135	135
11/13/2022	20	69	135	135
11/13/2022	21	66	135	135
11/13/2022	22	64	135	135
11/13/2022	23	61	135	135
11/13/2022	24	58	120	120
11/14/2022	1	54	85	85
11/14/2022	2	52	85	85
11/14/2022	3	51	85	85
11/14/2022	4	51	85	85
11/14/2022	5	54	85	85
11/14/2022	6	56	85	85
11/14/2022	7	52	86	86
11/14/2022	8	60	91	91
11/14/2022	9	69	125	125
11/14/2022	10	74	135	135
11/14/2022	11	78	135	135
11/14/2022	12	77	135	135
11/14/2022	13	77	135	135
11/14/2022	14	80	135	135
11/14/2022	15	80	135	135
11/14/2022	16	80	135	135
11/14/2022	17	74	135	135
11/14/2022	18	78	135	135
11/14/2022	19	76	135	135
11/14/2022	20	74	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/14/2022	21	71	135	135
11/14/2022	22	66	125	125
11/14/2022	23	63	115	115
11/14/2022	24	60	101	101
11/15/2022	1	58	101	101
11/15/2022	2	56	100	100
11/15/2022	3	55	90	90
11/15/2022	4	55	90	90
11/15/2022	5	57	100	100
11/15/2022	6	60	108	108
11/15/2022	7	55	90	90
11/15/2022	8	62	104	104
11/15/2022	9	71	135	135
11/15/2022	10	75	135	135
11/15/2022	11	78	135	135
11/15/2022	12	78	135	135
11/15/2022	13	79	135	135
11/15/2022	14	81	135	135
11/15/2022	15	79	135	135
11/15/2022	16	76	135	135
11/15/2022	17	74	135	135
11/15/2022	18	78	135	135
11/15/2022	19	74	135	135
11/15/2022	20	72	135	135
11/15/2022	21	70	135	135
11/15/2022	22	66	130	130
11/15/2022	23	63	122	122
11/15/2022	24	60	115	115
11/16/2022	1	58	100	100
11/16/2022	2	56	90	90
11/16/2022	3	55	90	90
11/16/2022	4	54	90	90
11/16/2022	5	58	100	100
11/16/2022	6	59	100	100
11/16/2022	7	54	90	90
11/16/2022	8	62	99	99
11/16/2022	9	70	120	120
11/16/2022	10	73	135	135
11/16/2022	11	77	135	135
11/16/2022	12	76	135	135
11/16/2022	13	76	135	135
11/16/2022	14	80	135	135
11/16/2022	15	79	135	135
11/16/2022	16	77	135	135
11/16/2022	17	75	135	135
11/16/2022	18	79	135	135
11/16/2022	19	74	131	131
11/16/2022	20	72	132	132
11/16/2022	21	71	135	135
11/16/2022	22	64	120	120
11/16/2022	23	63	115	115
11/16/2022	24	59	100	100
11/17/2022	1	57	92	92
11/17/2022	2	56	90	90
11/17/2022	3	53	90	90
11/17/2022	4	55	90	90
11/17/2022	5	56	90	90
11/17/2022	6	58	99	99
11/17/2022	7	53	90	90
11/17/2022	8	61	95	95
11/17/2022	9	69	120	120
11/17/2022	10	74	134	134
11/17/2022	11	74	125	125
11/17/2022	12	74	128	128
11/17/2022	13	77	138	138

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/17/2022	14	80	138	138
11/17/2022	15	78	138	138
11/17/2022	16	76	138	138
11/17/2022	17	74	135	135
11/17/2022	18	78	135	135
11/17/2022	19	74	135	135
11/17/2022	20	72	135	135
11/17/2022	21	69	134	134
11/17/2022	22	64	123	123
11/17/2022	23	61	123	123
11/17/2022	24	58	120	120
11/18/2022	1	56	90	90
11/18/2022	2	54	90	90
11/18/2022	3	53	90	90
11/18/2022	4	53	90	90
11/18/2022	5	54	90	90
11/18/2022	6	55	90	90
11/18/2022	7	52	90	90
11/18/2022	8	59	100	100
11/18/2022	9	65	120	120
11/18/2022	10	70	126	126
11/18/2022	11	71	123	123
11/18/2022	12	70	119	119
11/18/2022	13	74	130	130
11/18/2022	14	78	135	135
11/18/2022	15	73	130	130
11/18/2022	16	70	125	125
11/18/2022	17	70	131	131
11/18/2022	18	73	135	135
11/18/2022	19	68	130	130
11/18/2022	20	66	123	123
11/18/2022	21	64	119	119
11/18/2022	22	59	97	97
11/18/2022	23	56	90	90
11/18/2022	24	54	90	90
11/19/2022	1	54	90	90
11/19/2022	2	53	90	90
11/19/2022	3	51	90	90
11/19/2022	4	50	90	90
11/19/2022	5	51	90	90
11/19/2022	6	53	90	90
11/19/2022	7	51	90	90
11/19/2022	8	55	90	90
11/19/2022	9	61	105	105
11/19/2022	10	65	110	110
11/19/2022	11	69	119	119
11/19/2022	12	68	117	117
11/19/2022	13	68	116	116
11/19/2022	14	69	118	118
11/19/2022	15	69	118	118
11/19/2022	16	68	118	118
11/19/2022	17	67	118	118
11/19/2022	18	73	135	135
11/19/2022	19	71	135	135
11/19/2022	20	69	125	125
11/19/2022	21	67	127	127
11/19/2022	22	63	107	107
11/19/2022	23	60	100	100
11/19/2022	24	57	100	100
11/20/2022	1	55	90	90
11/20/2022	2	53	90	90
11/20/2022	3	52	80	80
11/20/2022	4	51	80	80
11/20/2022	5	51	80	80
11/20/2022	6	52	80	80

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/20/2022	7	50	80	80
11/20/2022	8	51	80	80
11/20/2022	9	54	90	90
11/20/2022	10	59	90	90
11/20/2022	11	62	94	94
11/20/2022	12	63	100	100
11/20/2022	13	63	100	100
11/20/2022	14	64	100	100
11/20/2022	15	63	100	100
11/20/2022	16	62	100	100
11/20/2022	17	63	100	100
11/20/2022	18	72	135	135
11/20/2022	19	69	120	120
11/20/2022	20	68	115	115
11/20/2022	21	66	110	110
11/20/2022	22	62	95	95
11/20/2022	23	59	93	93
11/20/2022	24	56	95	95
11/21/2022	1	54	80	80
11/21/2022	2	53	80	80
11/21/2022	3	50	80	80
11/21/2022	4	52	80	80
11/21/2022	5	54	80	80
11/21/2022	6	57	80	80
11/21/2022	7	52	80	80
11/21/2022	8	59	85	85
11/21/2022	9	67	110	110
11/21/2022	10	72	110	110
11/21/2022	11	73	110	110
11/21/2022	12	72	110	110
11/21/2022	13	74	115	115
11/21/2022	14	78	135	135
11/21/2022	15	76	125	125
11/21/2022	16	74	120	120
11/21/2022	17	71	115	115
11/21/2022	18	76	135	135
11/21/2022	19	73	125	125
11/21/2022	20	71	120	120
11/21/2022	21	69	115	115
11/21/2022	22	64	100	100
11/21/2022	23	61	100	100
11/21/2022	24	59	100	100
11/22/2022	1	57	95	95
11/22/2022	2	55	92	92
11/22/2022	3	54	90	90
11/22/2022	4	54	90	90
11/22/2022	5	56	90	90
11/22/2022	6	58	95	95
11/22/2022	7	54	85	85
11/22/2022	8	61	100	100
11/22/2022	9	69	125	125
11/22/2022	10	74	135	135
11/22/2022	11	78	135	135
11/22/2022	12	76	135	135
11/22/2022	13	77	135	135
11/22/2022	14	80	136	136
11/22/2022	15	79	136	136
11/22/2022	16	76	135	135
11/22/2022	17	73	135	135
11/22/2022	18	77	136	136
11/22/2022	19	73	135	135
11/22/2022	20	72	135	135
11/22/2022	21	69	135	135
11/22/2022	22	66	119	119
11/22/2022	23	63	110	110

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/22/2022	24	59	100	100
11/23/2022	1	54	85	85
11/23/2022	2	54	85	85
11/23/2022	3	51	85	85
11/23/2022	4	53	85	85
11/23/2022	5	55	85	85
11/23/2022	6	58	91	90
11/23/2022	7	53	80	80
11/23/2022	8	59	95	95
11/23/2022	9	67	125	125
11/23/2022	10	73	130	130
11/23/2022	11	75	135	135
11/23/2022	12	74	135	135
11/23/2022	13	74	135	135
11/23/2022	14	78	135	135
11/23/2022	15	75	135	135
11/23/2022	16	74	135	135
11/23/2022	17	72	135	135
11/23/2022	18	75	135	135
11/23/2022	19	72	135	135
11/23/2022	20	70	130	130
11/23/2022	21	66	120	120
11/23/2022	22	62	100	100
11/23/2022	23	59	95	95
11/23/2022	24	57	95	95
11/24/2022	1	55	90	90
11/24/2022	2	53	90	90
11/24/2022	3	52	90	90
11/24/2022	4	52	90	90
11/24/2022	5	55	90	90
11/24/2022	6	58	95	95
11/24/2022	7	53	90	90
11/24/2022	8	59	98	98
11/24/2022	9	67	125	125
11/24/2022	10	72	134	134
11/24/2022	11	75	135	135
11/24/2022	12	73	135	135
11/24/2022	13	74	135	135
11/24/2022	14	78	135	135
11/24/2022	15	77	135	135
11/24/2022	16	77	135	135
11/24/2022	17	74	135	135
11/24/2022	18	76	135	135
11/24/2022	19	73	135	135
11/24/2022	20	71	135	135
11/24/2022	21	68	125	125
11/24/2022	22	64	110	110
11/24/2022	23	61	110	110
11/24/2022	24	57	110	110
11/25/2022	1	55	100	90
11/25/2022	2	53	100	90
11/25/2022	3	52	100	80
11/25/2022	4	52	100	80
11/25/2022	5	55	100	100
11/25/2022	6	58	100	100
11/25/2022	7	53	100	90
11/25/2022	8	59	115	115
11/25/2022	9	67	135	135
11/25/2022	10	71	135	135
11/25/2022	11	75	135	135
11/25/2022	12	75	135	135
11/25/2022	13	76	135	135
11/25/2022	14	78	135	135
11/25/2022	15	76	135	135
11/25/2022	16	75	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/25/2022	17	74	135	135
11/25/2022	18	77	135	135
11/25/2022	19	72	135	135
11/25/2022	20	71	135	135
11/25/2022	21	68	135	135
11/25/2022	22	64	135	135
11/25/2022	23	60	110	110
11/25/2022	24	58	100	100
11/26/2022	1	55	90	90
11/26/2022	2	54	90	90
11/26/2022	3	52	90	90
11/26/2022	4	51	90	90
11/26/2022	5	52	90	90
11/26/2022	6	54	92	92
11/26/2022	7	53	90	90
11/26/2022	8	56	90	90
11/26/2022	9	61	92	92
11/26/2022	10	65	100	100
11/26/2022	11	69	107	107
11/26/2022	12	68	100	100
11/26/2022	13	68	100	100
11/26/2022	14	69	110	110
11/26/2022	15	69	110	110
11/26/2022	16	68	110	110
11/26/2022	17	68	110	110
11/26/2022	18	74	130	130
11/26/2022	19	71	117	117
11/26/2022	20	69	113	113
11/26/2022	21	67	115	110
11/26/2022	22	64	100	100
11/26/2022	23	60	90	90
11/26/2022	24	57	90	90
11/27/2022	1	54	80	80
11/27/2022	2	52	80	80
11/27/2022	3	51	80	80
11/27/2022	4	50	80	80
11/27/2022	5	51	80	80
11/27/2022	6	52	80	80
11/27/2022	7	50	80	80
11/27/2022	8	51	86	86
11/27/2022	9	54	86	86
11/27/2022	10	56	92	91
11/27/2022	11	58	92	91
11/27/2022	12	58	92	91
11/27/2022	13	58	104	103
11/27/2022	14	59	109	109
11/27/2022	15	59	124	124
11/27/2022	16	60	135	135
11/27/2022	17	63	135	135
11/27/2022	18	70	135	135
11/27/2022	19	69	135	135
11/27/2022	20	67	135	135
11/27/2022	21	65	135	135
11/27/2022	22	62	110	110
11/27/2022	23	58	110	110
11/27/2022	24	55	110	110
11/28/2022	1	54	90	88
11/28/2022	2	53	80	80
11/28/2022	3	51	80	80
11/28/2022	4	51	80	80
11/28/2022	5	56	90	90
11/28/2022	6	58	90	90
11/28/2022	7	53	80	80
11/28/2022	8	59	90	90
11/28/2022	9	68	122	119

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/28/2022	10	72	125	125
11/28/2022	11	74	135	135
11/28/2022	12	74	135	135
11/28/2022	13	74	135	135
11/28/2022	14	78	135	135
11/28/2022	15	76	135	135
11/28/2022	16	75	135	135
11/28/2022	17	72	135	135
11/28/2022	18	76	135	135
11/28/2022	19	72	135	135
11/28/2022	20	70	135	135
11/28/2022	21	68	126	126
11/28/2022	22	63	100	100
11/28/2022	23	60	100	100
11/28/2022	24	57	100	100
11/29/2022	1	55	80	80
11/29/2022	2	54	80	80
11/29/2022	3	52	80	80
11/29/2022	4	52	80	80
11/29/2022	5	56	80	80
11/29/2022	6	59	90	90
11/29/2022	7	54	80	80
11/29/2022	8	61	90	90
11/29/2022	9	69	110	110
11/29/2022	10	74	120	120
11/29/2022	11	76	122	122
11/29/2022	12	75	120	120
11/29/2022	13	76	120	120
11/29/2022	14	78	130	130
11/29/2022	15	77	130	130
11/29/2022	16	75	130	130
11/29/2022	17	74	130	130
11/29/2022	18	75	130	130
11/29/2022	19	73	130	130
11/29/2022	20	71	120	120
11/29/2022	21	69	120	120
11/29/2022	22	65	100	100
11/29/2022	23	62	100	100
11/29/2022	24	58	100	100
11/30/2022	1	55	80	80
11/30/2022	2	54	80	80
11/30/2022	3	53	80	80
11/30/2022	4	52	80	80
11/30/2022	5	53	80	80
11/30/2022	6	55	90	90
11/30/2022	7	54	100	100
11/30/2022	8	57	115	115
11/30/2022	9	62	135	135
11/30/2022	10	66	135	135
11/30/2022	11	71	135	135
11/30/2022	12	70	135	135
11/30/2022	13	70	135	135
11/30/2022	14	72	135	135
11/30/2022	15	70	135	135
11/30/2022	16	69	135	135
11/30/2022	17	68	130	130
11/30/2022	18	75	135	135
11/30/2022	19	73	135	135
11/30/2022	20	70	135	135
11/30/2022	21	67	135	135
11/30/2022	22	65	135	135
11/30/2022	23	61	125	125
11/30/2022	24	57	115	115
12/1/2022	1	59	88	88
12/1/2022	2	56	88	88

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/1/2022	3	55	88	88
12/1/2022	4	55	95	88
12/1/2022	5	57	88	88
12/1/2022	6	59	88	88
12/1/2022	7	54	80	80
12/1/2022	8	60	95	95
12/1/2022	9	69	114	114
12/1/2022	10	75	121	121
12/1/2022	11	77	133	133
12/1/2022	12	76	121	121
12/1/2022	13	78	130	130
12/1/2022	14	80	137	137
12/1/2022	15	79	135	135
12/1/2022	16	77	130	130
12/1/2022	17	74	120	120
12/1/2022	18	79	135	135
12/1/2022	19	76	129	129
12/1/2022	20	74	126	126
12/1/2022	21	72	120	120
12/1/2022	22	68	110	110
12/1/2022	23	64	105	105
12/1/2022	24	60	95	95
12/2/2022	1	56	90	90
12/2/2022	2	54	90	90
12/2/2022	3	53	90	90
12/2/2022	4	53	90	90
12/2/2022	5	55	100	100
12/2/2022	6	58	100	100
12/2/2022	7	54	100	100
12/2/2022	8	59	115	115
12/2/2022	9	70	135	135
12/2/2022	10	73	135	135
12/2/2022	11	76	135	135
12/2/2022	12	75	135	135
12/2/2022	13	76	135	135
12/2/2022	14	79	137	137
12/2/2022	15	77	135	135
12/2/2022	16	74	135	135
12/2/2022	17	73	135	135
12/2/2022	18	76	135	135
12/2/2022	19	74	135	135
12/2/2022	20	73	135	135
12/2/2022	21	69	135	135
12/2/2022	22	66	135	135
12/2/2022	23	62	120	119
12/2/2022	24	58	107	107
12/3/2022	1	55	85	85
12/3/2022	2	54	85	85
12/3/2022	3	52	80	80
12/3/2022	4	52	80	80
12/3/2022	5	53	80	80
12/3/2022	6	56	90	90
12/3/2022	7	54	80	80
12/3/2022	8	57	90	90
12/3/2022	9	63	90	90
12/3/2022	10	67	100	100
12/3/2022	11	70	100	100
12/3/2022	12	69	100	100
12/3/2022	13	70	100	100
12/3/2022	14	72	105	105
12/3/2022	15	71	105	105
12/3/2022	16	70	100	100
12/3/2022	17	69	104	104
12/3/2022	18	76	126	126
12/3/2022	19	73	120	120

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/3/2022	20	71	111	111
12/3/2022	21	69	110	110
12/3/2022	22	66	100	100
12/3/2022	23	62	100	100
12/3/2022	24	58	100	100
12/4/2022	1	53	80	80
12/4/2022	2	52	80	80
12/4/2022	3	50	80	80
12/4/2022	4	49	80	80
12/4/2022	5	50	80	80
12/4/2022	6	52	80	80
12/4/2022	7	50	80	80
12/4/2022	8	51	80	80
12/4/2022	9	52	84	80
12/4/2022	10	57	93	80
12/4/2022	11	59	97	90
12/4/2022	12	60	100	100
12/4/2022	13	62	100	100
12/4/2022	14	62	110	110
12/4/2022	15	62	110	110
12/4/2022	16	61	100	100
12/4/2022	17	61	100	100
12/4/2022	18	70	110	110
12/4/2022	19	68	110	110
12/4/2022	20	66	110	110
12/4/2022	21	65	110	110
12/4/2022	22	61	110	110
12/4/2022	23	58	100	100
12/4/2022	24	53	90	80
12/5/2022	1	52	82	82
12/5/2022	2	50	82	82
12/5/2022	3	49	82	82
12/5/2022	4	49	82	82
12/5/2022	5	53	82	82
12/5/2022	6	55	82	82
12/5/2022	7	51	82	82
12/5/2022	8	58	82	82
12/5/2022	9	66	96	96
12/5/2022	10	71	110	110
12/5/2022	11	74	117	117
12/5/2022	12	74	114	114
12/5/2022	13	75	115	115
12/5/2022	14	78	135	135
12/5/2022	15	76	126	126
12/5/2022	16	74	122	122
12/5/2022	17	74	124	124
12/5/2022	18	77	135	135
12/5/2022	19	74	122	122
12/5/2022	20	72	110	110
12/5/2022	21	67	100	100
12/5/2022	22	64	100	100
12/5/2022	23	61	100	100
12/5/2022	24	59	100	100
12/6/2022	1	56	80	80
12/6/2022	2	54	80	80
12/6/2022	3	53	80	80
12/6/2022	4	53	80	80
12/6/2022	5	55	80	80
12/6/2022	6	59	80	80
12/6/2022	7	54	80	80
12/6/2022	8	60	81	80
12/6/2022	9	68	110	110
12/6/2022	10	72	111	110
12/6/2022	11	75	122	119
12/6/2022	12	74	122	118

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/6/2022	13	76	120	120
12/6/2022	14	78	126	125
12/6/2022	15	77	125	125
12/6/2022	16	75	121	121
12/6/2022	17	74	120	120
12/6/2022	18	78	131	131
12/6/2022	19	74	120	120
12/6/2022	20	73	119	119
12/6/2022	21	70	110	110
12/6/2022	22	66	123	92
12/6/2022	23	62	119	90
12/6/2022	24	59	100	80
12/7/2022	1	53	80	80
12/7/2022	2	53	80	80
12/7/2022	3	50	80	80
12/7/2022	4	51	80	80
12/7/2022	5	54	80	80
12/7/2022	6	57	80	80
12/7/2022	7	52	80	80
12/7/2022	8	58	80	80
12/7/2022	9	67	100	100
12/7/2022	10	71	100	100
12/7/2022	11	74	106	106
12/7/2022	12	73	106	106
12/7/2022	13	74	120	120
12/7/2022	14	76	120	120
12/7/2022	15	76	120	120
12/7/2022	16	74	116	116
12/7/2022	17	72	110	110
12/7/2022	18	78	125	125
12/7/2022	19	73	110	110
12/7/2022	20	71	106	106
12/7/2022	21	68	100	100
12/7/2022	22	64	98	98
12/7/2022	23	60	98	98
12/7/2022	24	57	98	98
12/8/2022	1	54	80	80
12/8/2022	2	53	80	80
12/8/2022	3	51	80	80
12/8/2022	4	50	78	77
12/8/2022	5	51	80	80
12/8/2022	6	54	80	80
12/8/2022	7	52	77	77
12/8/2022	8	55	80	80
12/8/2022	9	60	100	100
12/8/2022	10	64	100	100
12/8/2022	11	67	103	100
12/8/2022	12	67	104	100
12/8/2022	13	67	105	100
12/8/2022	14	69	113	113
12/8/2022	15	67	113	113
12/8/2022	16	65	113	113
12/8/2022	17	65	113	113
12/8/2022	18	72	113	113
12/8/2022	19	69	113	113
12/8/2022	20	66	113	113
12/8/2022	21	64	113	113
12/8/2022	22	61	94	86
12/8/2022	23	57	80	80
12/8/2022	24	53	80	80
12/9/2022	1	55	80	80
12/9/2022	2	53	80	80
12/9/2022	3	52	80	80
12/9/2022	4	51	80	80
12/9/2022	5	54	80	80

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/9/2022	6	58	80	80
12/9/2022	7	53	80	80
12/9/2022	8	58	80	80
12/9/2022	9	67	87	87
12/9/2022	10	71	95	95
12/9/2022	11	74	100	100
12/9/2022	12	73	100	100
12/9/2022	13	73	100	100
12/9/2022	14	76	105	105
12/9/2022	15	76	110	110
12/9/2022	16	74	105	105
12/9/2022	17	72	100	100
12/9/2022	18	78	110	110
12/9/2022	19	74	101	101
12/9/2022	20	71	100	100
12/9/2022	21	68	90	90
12/9/2022	22	64	90	90
12/9/2022	23	60	90	90
12/9/2022	24	58	90	90
12/10/2022	1	54	75	75
12/10/2022	2	52	80	80
12/10/2022	3	50	80	80
12/10/2022	4	50	75	75
12/10/2022	5	49	71	70
12/10/2022	6	51	80	80
12/10/2022	7	51	80	80
12/10/2022	8	55	94	94
12/10/2022	9	62	113	113
12/10/2022	10	67	113	113
12/10/2022	11	69	113	113
12/10/2022	12	68	113	113
12/10/2022	13	68	113	113
12/10/2022	14	67	113	113
12/10/2022	15	66	113	113
12/10/2022	16	68	113	113
12/10/2022	17	69	113	113
12/10/2022	18	74	113	113
12/10/2022	19	70	113	113
12/10/2022	20	67	113	113
12/10/2022	21	65	112	112
12/10/2022	22	62	88	86
12/10/2022	23	60	80	80
12/10/2022	24	57	80	80
12/11/2022	1	53	80	80
12/11/2022	2	51	80	80
12/11/2022	3	50	80	80
12/11/2022	4	49	80	80
12/11/2022	5	50	80	80
12/11/2022	6	50	80	80
12/11/2022	7	49	80	80
12/11/2022	8	51	80	80
12/11/2022	9	53	80	80
12/11/2022	10	57	90	90
12/11/2022	11	60	90	90
12/11/2022	12	61	90	90
12/11/2022	13	62	90	90
12/11/2022	14	63	90	90
12/11/2022	15	62	90	90
12/11/2022	16	62	90	90
12/11/2022	17	63	90	90
12/11/2022	18	71	104	104
12/11/2022	19	69	100	100
12/11/2022	20	68	100	100
12/11/2022	21	66	93	93
12/11/2022	22	63	90	90

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/11/2022	23	59	90	90
12/11/2022	24	56	90	90
12/12/2022	1	55	80	80
12/12/2022	2	52	80	80
12/12/2022	3	51	80	80
12/12/2022	4	51	80	80
12/12/2022	5	54	80	80
12/12/2022	6	58	80	80
12/12/2022	7	52	80	80
12/12/2022	8	57	80	80
12/12/2022	9	66	90	90
12/12/2022	10	70	90	90
12/12/2022	11	74	100	100
12/12/2022	12	73	100	100
12/12/2022	13	74	100	100
12/12/2022	14	77	101	101
12/12/2022	15	76	100	100
12/12/2022	16	74	100	100
12/12/2022	17	72	100	100
12/12/2022	18	78	110	110
12/12/2022	19	74	100	100
12/12/2022	20	72	100	100
12/12/2022	21	69	90	90
12/12/2022	22	65	90	90
12/12/2022	23	61	90	90
12/12/2022	24	58	90	90
12/13/2022	1	56	80	80
12/13/2022	2	54	80	80
12/13/2022	3	53	80	80
12/13/2022	4	53	80	80
12/13/2022	5	55	80	80
12/13/2022	6	59	82	82
12/13/2022	7	54	80	80
12/13/2022	8	59	90	90
12/13/2022	9	68	100	100
12/13/2022	10	74	125	125
12/13/2022	11	77	125	125
12/13/2022	12	75	125	125
12/13/2022	13	76	125	125
12/13/2022	14	79	135	135
12/13/2022	15	78	135	135
12/13/2022	16	76	135	135
12/13/2022	17	74	125	125
12/13/2022	18	79	135	135
12/13/2022	19	75	125	125
12/13/2022	20	74	125	125
12/13/2022	21	71	125	125
12/13/2022	22	67	100	100
12/13/2022	23	62	100	100
12/13/2022	24	59	100	100
12/14/2022	1	59	90	90
12/14/2022	2	57	90	90
12/14/2022	3	56	90	90
12/14/2022	4	55	90	90
12/14/2022	5	58	90	90
12/14/2022	6	60	90	90
12/14/2022	7	56	90	90
12/14/2022	8	62	121	121
12/14/2022	9	71	130	130
12/14/2022	10	77	130	130
12/14/2022	11	78	130	130
12/14/2022	12	76	130	130
12/14/2022	13	78	130	130
12/14/2022	14	80	130	130
12/14/2022	15	80	130	130

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/14/2022	16	79	130	130
12/14/2022	17	76	130	130
12/14/2022	18	82	135	135
12/14/2022	19	77	124	124
12/14/2022	20	76	124	124
12/14/2022	21	73	120	120
12/14/2022	22	69	120	120
12/14/2022	23	64	120	120
12/14/2022	24	61	115	115
12/15/2022	1	59	90	90
12/15/2022	2	57	90	90
12/15/2022	3	55	90	90
12/15/2022	4	55	90	90
12/15/2022	5	57	90	90
12/15/2022	6	60	90	90
12/15/2022	7	55	90	90
12/15/2022	8	59	121	121
12/15/2022	9	69	130	130
12/15/2022	10	74	130	130
12/15/2022	11	78	130	130
12/15/2022	12	77	130	130
12/15/2022	13	78	130	130
12/15/2022	14	80	130	130
12/15/2022	15	79	130	130
12/15/2022	16	78	130	130
12/15/2022	17	74	130	130
12/15/2022	18	80	130	130
12/15/2022	19	75	124	124
12/15/2022	20	74	124	124
12/15/2022	21	74	124	124
12/15/2022	22	68	115	115
12/15/2022	23	65	115	115
12/15/2022	24	62	115	115
12/16/2022	1	57	90	90
12/16/2022	2	56	90	90
12/16/2022	3	54	90	90
12/16/2022	4	54	90	90
12/16/2022	5	56	90	90
12/16/2022	6	58	97	97
12/16/2022	7	55	90	90
12/16/2022	8	59	100	100
12/16/2022	9	68	100	100
12/16/2022	10	74	130	130
12/16/2022	11	77	130	130
12/16/2022	12	74	130	130
12/16/2022	13	76	135	135
12/16/2022	14	78	135	135
12/16/2022	15	78	135	135
12/16/2022	16	75	135	135
12/16/2022	17	75	135	135
12/16/2022	18	80	135	135
12/16/2022	19	76	135	135
12/16/2022	20	74	135	135
12/16/2022	21	72	130	130
12/16/2022	22	67	115	115
12/16/2022	23	64	115	115
12/16/2022	24	60	115	115
12/17/2022	1	55	80	80
12/17/2022	2	54	80	80
12/17/2022	3	52	80	80
12/17/2022	4	52	80	80
12/17/2022	5	53	80	80
12/17/2022	6	56	80	80
12/17/2022	7	53	80	80
12/17/2022	8	57	80	80

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/17/2022	9	62	90	90
12/17/2022	10	67	120	120
12/17/2022	11	70	130	130
12/17/2022	12	69	130	130
12/17/2022	13	71	130	130
12/17/2022	14	73	120	120
12/17/2022	15	72	120	120
12/17/2022	16	70	120	120
12/17/2022	17	69	120	120
12/17/2022	18	77	130	130
12/17/2022	19	73	120	120
12/17/2022	20	71	120	120
12/17/2022	21	68	120	120
12/17/2022	22	65	100	100
12/17/2022	23	61	100	100
12/17/2022	24	57	100	100
12/18/2022	1	54	80	80
12/18/2022	2	53	80	80
12/18/2022	3	51	80	80
12/18/2022	4	50	80	80
12/18/2022	5	51	80	80
12/18/2022	6	51	80	80
12/18/2022	7	49	80	80
12/18/2022	8	50	80	80
12/18/2022	9	54	85	85
12/18/2022	10	57	85	85
12/18/2022	11	61	100	100
12/18/2022	12	61	100	100
12/18/2022	13	62	120	120
12/18/2022	14	62	120	120
12/18/2022	15	62	120	120
12/18/2022	16	62	120	120
12/18/2022	17	63	120	120
12/18/2022	18	71	120	120
12/18/2022	19	69	120	120
12/18/2022	20	68	120	120
12/18/2022	21	65	120	120
12/18/2022	22	62	120	120
12/18/2022	23	59	120	120
12/18/2022	24	56	100	100
12/19/2022	1	54	80	80
12/19/2022	2	52	80	80
12/19/2022	3	50	80	80
12/19/2022	4	50	80	80
12/19/2022	5	53	80	80
12/19/2022	6	56	80	80
12/19/2022	7	52	80	80
12/19/2022	8	57	100	100
12/19/2022	9	66	120	120
12/19/2022	10	72	120	120
12/19/2022	11	74	120	120
12/19/2022	12	73	120	120
12/19/2022	13	73	120	120
12/19/2022	14	77	120	120
12/19/2022	15	74	120	120
12/19/2022	16	73	120	120
12/19/2022	17	73	120	120
12/19/2022	18	77	120	120
12/19/2022	19	74	120	120
12/19/2022	20	73	120	120
12/19/2022	21	70	120	120
12/19/2022	22	65	120	120
12/19/2022	23	61	120	120
12/19/2022	24	58	115	115
12/20/2022	1	57	90	90

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/20/2022	2	56	90	90
12/20/2022	3	54	90	90
12/20/2022	4	54	90	90
12/20/2022	5	55	90	90
12/20/2022	6	59	90	90
12/20/2022	7	56	90	90
12/20/2022	8	60	121	121
12/20/2022	9	67	135	135
12/20/2022	10	72	135	135
12/20/2022	11	75	135	135
12/20/2022	12	73	135	135
12/20/2022	13	73	135	135
12/20/2022	14	77	135	135
12/20/2022	15	76	135	135
12/20/2022	16	74	135	135
12/20/2022	17	73	135	135
12/20/2022	18	78	135	135
12/20/2022	19	75	135	135
12/20/2022	20	72	135	135
12/20/2022	21	70	135	135
12/20/2022	22	66	135	135
12/20/2022	23	63	135	135
12/20/2022	24	59	115	115
12/21/2022	1	56	80	80
12/21/2022	2	53	80	80
12/21/2022	3	52	80	80
12/21/2022	4	52	80	80
12/21/2022	5	55	90	90
12/21/2022	6	56	90	90
12/21/2022	7	54	90	90
12/21/2022	8	59	100	100
12/21/2022	9	67	120	120
12/21/2022	10	70	120	120
12/21/2022	11	74	120	120
12/21/2022	12	73	120	120
12/21/2022	13	75	120	120
12/21/2022	14	77	125	125
12/21/2022	15	76	125	120
12/21/2022	16	74	120	120
12/21/2022	17	73	120	120
12/21/2022	18	78	125	125
12/21/2022	19	75	120	120
12/21/2022	20	72	120	120
12/21/2022	21	70	120	120
12/21/2022	22	66	120	120
12/21/2022	23	63	120	120
12/21/2022	24	59	115	115
12/22/2022	1	55	80	80
12/22/2022	2	54	80	80
12/22/2022	3	53	80	80
12/22/2022	4	53	80	80
12/22/2022	5	54	80	80
12/22/2022	6	57	80	80
12/22/2022	7	54	80	80
12/22/2022	8	59	80	80
12/22/2022	9	66	100	100
12/22/2022	10	71	118	105
12/22/2022	11	74	113	113
12/22/2022	12	72	110	110
12/22/2022	13	73	110	110
12/22/2022	14	75	120	120
12/22/2022	15	74	120	120
12/22/2022	16	73	115	115
12/22/2022	17	72	110	110
12/22/2022	18	77	130	130

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/22/2022	19	73	115	115
12/22/2022	20	71	110	110
12/22/2022	21	68	100	100
12/22/2022	22	64	90	90
12/22/2022	23	61	90	90
12/22/2022	24	58	90	90
12/23/2022	1	55	90	90
12/23/2022	2	53	90	90
12/23/2022	3	53	88	88
12/23/2022	4	52	80	80
12/23/2022	5	52	85	85
12/23/2022	6	53	90	90
12/23/2022	7	54	89	89
12/23/2022	8	58	90	90
12/23/2022	9	65	100	100
12/23/2022	10	70	110	110
12/23/2022	11	72	115	115
12/23/2022	12	71	115	115
12/23/2022	13	73	123	123
12/23/2022	14	74	123	123
12/23/2022	15	74	123	123
12/23/2022	16	74	124	124
12/23/2022	17	73	123	123
12/23/2022	18	78	135	135
12/23/2022	19	73	123	123
12/23/2022	20	71	115	115
12/23/2022	21	68	110	110
12/23/2022	22	62	110	94
12/23/2022	23	58	90	90
12/23/2022	24	55	90	90
12/24/2022	1	52	80	80
12/24/2022	2	50	80	80
12/24/2022	3	49	80	80
12/24/2022	4	49	80	80
12/24/2022	5	49	80	80
12/24/2022	6	50	80	80
12/24/2022	7	51	80	80
12/24/2022	8	53	80	80
12/24/2022	9	56	80	80
12/24/2022	10	60	92	90
12/24/2022	11	62	90	90
12/24/2022	12	65	94	94
12/24/2022	13	65	96	96
12/24/2022	14	65	98	98
12/24/2022	15	64	96	96
12/24/2022	16	63	95	95
12/24/2022	17	63	95	95
12/24/2022	18	69	111	111
12/24/2022	19	68	105	105
12/24/2022	20	65	105	105
12/24/2022	21	63	105	105
12/24/2022	22	61	90	90
12/24/2022	23	59	90	90
12/24/2022	24	57	90	90
12/25/2022	1	51	80	80
12/25/2022	2	50	80	80
12/25/2022	3	48	80	80
12/25/2022	4	47	80	80
12/25/2022	5	47	80	80
12/25/2022	6	46	80	80
12/25/2022	7	47	80	80
12/25/2022	8	48	80	80
12/25/2022	9	49	80	80
12/25/2022	10	50	80	80
12/25/2022	11	52	80	80

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/25/2022	12	53	80	80
12/25/2022	13	53	80	80
12/25/2022	14	54	80	80
12/25/2022	15	54	80	80
12/25/2022	16	53	80	80
12/25/2022	17	55	80	80
12/25/2022	18	63	113	113
12/25/2022	19	61	113	113
12/25/2022	20	60	113	113
12/25/2022	21	59	88	88
12/25/2022	22	56	80	80
12/25/2022	23	52	80	80
12/25/2022	24	49	80	80
12/26/2022	1	55	80	80
12/26/2022	2	54	80	80
12/26/2022	3	53	80	80
12/26/2022	4	52	80	80
12/26/2022	5	53	80	80
12/26/2022	6	55	80	80
12/26/2022	7	52	80	80
12/26/2022	8	52	80	80
12/26/2022	9	56	80	80
12/26/2022	10	61	90	90
12/26/2022	11	63	100	100
12/26/2022	12	63	100	100
12/26/2022	13	64	100	100
12/26/2022	14	65	100	100
12/26/2022	15	65	100	100
12/26/2022	16	64	100	100
12/26/2022	17	62	100	100
12/26/2022	18	70	115	115
12/26/2022	19	67	110	110
12/26/2022	20	66	106	106
12/26/2022	21	65	105	105
12/26/2022	22	62	90	90
12/26/2022	23	58	90	90
12/26/2022	24	55	90	90
12/27/2022	1	55	80	80
12/27/2022	2	53	80	80
12/27/2022	3	51	80	80
12/27/2022	4	50	80	80
12/27/2022	5	52	80	80
12/27/2022	6	55	80	80
12/27/2022	7	52	80	80
12/27/2022	8	58	80	80
12/27/2022	9	66	100	100
12/27/2022	10	71	115	115
12/27/2022	11	75	129	129
12/27/2022	12	73	123	123
12/27/2022	13	74	123	123
12/27/2022	14	77	135	135
12/27/2022	15	76	135	135
12/27/2022	16	74	123	123
12/27/2022	17	71	123	123
12/27/2022	18	77	135	135
12/27/2022	19	73	123	123
12/27/2022	20	71	123	123
12/27/2022	21	69	123	123
12/27/2022	22	64	98	98
12/27/2022	23	61	90	90
12/27/2022	24	58	90	90
12/28/2022	1	47	60	60
12/28/2022	2	45	60	60
12/28/2022	3	44	60	60
12/28/2022	4	44	60	60

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/28/2022	5	45	60	60
12/28/2022	6	47	60	60
12/28/2022	7	49	60	60
12/28/2022	8	52	80	80
12/28/2022	9	59	80	80
12/28/2022	10	63	83	83
12/28/2022	11	65	90	90
12/28/2022	12	66	95	95
12/28/2022	13	65	95	95
12/28/2022	14	66	95	95
12/28/2022	15	67	95	95
12/28/2022	16	67	95	95
12/28/2022	17	66	95	95
12/28/2022	18	70	100	100
12/28/2022	19	67	95	95
12/28/2022	20	64	95	95
12/28/2022	21	61	80	80
12/28/2022	22	56	70	70
12/28/2022	23	54	70	70
12/28/2022	24	52	70	70
12/29/2022	1	48	60	60
12/29/2022	2	46	60	60
12/29/2022	3	45	60	60
12/29/2022	4	44	60	60
12/29/2022	5	46	60	60
12/29/2022	6	48	60	60
12/29/2022	7	50	70	70
12/29/2022	8	53	80	80
12/29/2022	9	60	80	80
12/29/2022	10	64	90	90
12/29/2022	11	67	90	90
12/29/2022	12	67	90	90
12/29/2022	13	67	90	90
12/29/2022	14	68	95	95
12/29/2022	15	68	95	95
12/29/2022	16	68	95	95
12/29/2022	17	68	95	95
12/29/2022	18	72	103	103
12/29/2022	19	68	95	95
12/29/2022	20	65	90	90
12/29/2022	21	61	90	90
12/29/2022	22	57	70	70
12/29/2022	23	55	70	70
12/29/2022	24	52	70	70
12/30/2022	1	45	55	55
12/30/2022	2	44	55	55
12/30/2022	3	42	55	55
12/30/2022	4	41	55	55
12/30/2022	5	44	55	55
12/30/2022	6	45	60	60
12/30/2022	7	47	60	60
12/30/2022	8	47	60	60
12/30/2022	9	52	76	75
12/30/2022	10	55	118	76
12/30/2022	11	57	90	87
12/30/2022	12	56	91	80
12/30/2022	13	57	91	87
12/30/2022	14	58	92	87
12/30/2022	15	57	93	87
12/30/2022	16	58	90	87
12/30/2022	17	60	100	100
12/30/2022	18	64	100	100
12/30/2022	19	61	100	100
12/30/2022	20	60	100	100
12/30/2022	21	57	100	100

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/30/2022	22	53	87	87
12/30/2022	23	51	80	80
12/30/2022	24	48	67	67
12/31/2022	1	48	80	80
12/31/2022	2	46	80	80
12/31/2022	3	45	80	80
12/31/2022	4	46	80	80
12/31/2022	5	47	80	80
12/31/2022	6	49	80	80
12/31/2022	7	50	80	80
12/31/2022	8	51	80	80
12/31/2022	9	56	80	80
12/31/2022	10	58	121	80
12/31/2022	11	60	93	80
12/31/2022	12	62	95	80
12/31/2022	13	62	94	80
12/31/2022	14	61	95	80
12/31/2022	15	62	96	84
12/31/2022	16	61	93	80
12/31/2022	17	61	94	87
12/31/2022	18	63	98	92
12/31/2022	19	62	98	87
12/31/2022	20	60	97	87
12/31/2022	21	57	96	87
12/31/2022	22	55	94	87
12/31/2022	23	54	80	80
12/31/2022	24	52	80	80
1/1/2023	1	49	80	80
1/1/2023	2	47	80	80
1/1/2023	3	45	68	68
1/1/2023	4	43	60	60
1/1/2023	5	44	61	60
1/1/2023	6	43	60	60
1/1/2023	7	43	55	55
1/1/2023	8	44	55	55
1/1/2023	9	44	55	55
1/1/2023	10	46	55	55
1/1/2023	11	47	55	55
1/1/2023	12	48	56	56
1/1/2023	13	49	60	60
1/1/2023	14	49	60	60
1/1/2023	15	48	64	60
1/1/2023	16	49	93	60
1/1/2023	17	50	91	87
1/1/2023	18	57	100	100
1/1/2023	19	55	100	100
1/1/2023	20	54	100	100
1/1/2023	21	52	100	100
1/1/2023	22	49	80	80
1/1/2023	23	47	80	80
1/1/2023	24	45	60	60
1/2/2023	1	45	55	55
1/2/2023	2	43	55	55
1/2/2023	3	41	55	55
1/2/2023	4	40	55	55
1/2/2023	5	42	55	55
1/2/2023	6	44	55	55
1/2/2023	7	43	55	55
1/2/2023	8	47	60	60
1/2/2023	9	51	63	63
1/2/2023	10	55	70	70
1/2/2023	11	56	70	70
1/2/2023	12	56	70	70
1/2/2023	13	56	75	75
1/2/2023	14	58	80	80

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/2/2023	15	57	80	80
1/2/2023	16	57	80	80
1/2/2023	17	60	90	90
1/2/2023	18	67	103	103
1/2/2023	19	62	90	90
1/2/2023	20	61	90	90
1/2/2023	21	57	80	80
1/2/2023	22	54	80	80
1/2/2023	23	52	80	80
1/2/2023	24	49	80	80
1/3/2023	1	46	60	60
1/3/2023	2	45	60	60
1/3/2023	3	44	60	60
1/3/2023	4	44	60	60
1/3/2023	5	44	60	60
1/3/2023	6	47	60	60
1/3/2023	7	48	70	70
1/3/2023	8	52	80	80
1/3/2023	9	58	100	100
1/3/2023	10	63	121	102
1/3/2023	11	64	100	100
1/3/2023	12	65	100	100
1/3/2023	13	65	100	100
1/3/2023	14	68	105	105
1/3/2023	15	66	102	100
1/3/2023	16	65	105	100
1/3/2023	17	65	100	100
1/3/2023	18	70	115	115
1/3/2023	19	67	107	100
1/3/2023	20	65	123	100
1/3/2023	21	62	119	100
1/3/2023	22	59	100	100
1/3/2023	23	55	100	100
1/3/2023	24	52	80	80
1/4/2023	1	49	60	60
1/4/2023	2	46	60	60
1/4/2023	3	46	60	60
1/4/2023	4	45	60	60
1/4/2023	5	45	60	60
1/4/2023	6	48	60	60
1/4/2023	7	49	66	66
1/4/2023	8	52	71	71
1/4/2023	9	60	80	80
1/4/2023	10	63	85	85
1/4/2023	11	66	90	90
1/4/2023	12	67	90	90
1/4/2023	13	68	90	90
1/4/2023	14	70	100	100
1/4/2023	15	69	100	100
1/4/2023	16	68	100	100
1/4/2023	17	67	100	100
1/4/2023	18	73	105	105
1/4/2023	19	68	100	100
1/4/2023	20	66	100	100
1/4/2023	21	64	100	100
1/4/2023	22	60	80	80
1/4/2023	23	57	80	80
1/4/2023	24	53	80	80
1/5/2023	1	50	80	80
1/5/2023	2	49	80	80
1/5/2023	3	48	80	80
1/5/2023	4	48	80	80
1/5/2023	5	51	80	80
1/5/2023	6	54	80	80
1/5/2023	7	51	80	80

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/5/2023	8	55	80	80
1/5/2023	9	62	89	88
1/5/2023	10	65	100	100
1/5/2023	11	68	100	100
1/5/2023	12	69	105	105
1/5/2023	13	69	100	100
1/5/2023	14	70	110	110
1/5/2023	15	71	113	113
1/5/2023	16	69	110	110
1/5/2023	17	68	110	110
1/5/2023	18	72	122	122
1/5/2023	19	69	110	110
1/5/2023	20	67	100	100
1/5/2023	21	64	100	100
1/5/2023	22	59	85	85
1/5/2023	23	56	80	80
1/5/2023	24	53	80	80
1/6/2023	1	50	100	60
1/6/2023	2	49	100	60
1/6/2023	3	47	70	60
1/6/2023	4	48	70	60
1/6/2023	5	50	100	79
1/6/2023	6	54	135	87
1/6/2023	7	52	135	63
1/6/2023	8	56	135	87
1/6/2023	9	63	135	100
1/6/2023	10	67	135	100
1/6/2023	11	71	135	100
1/6/2023	12	70	135	100
1/6/2023	13	71	135	100
1/6/2023	14	73	135	100
1/6/2023	15	72	135	100
1/6/2023	16	70	135	100
1/6/2023	17	69	135	100
1/6/2023	18	70	135	100
1/6/2023	19	68	135	100
1/6/2023	20	65	135	100
1/6/2023	21	62	122	100
1/6/2023	22	57	100	100
1/6/2023	23	54	100	100
1/6/2023	24	52	100	83
1/7/2023	1	50	100	60
1/7/2023	2	48	80	60
1/7/2023	3	47	80	60
1/7/2023	4	48	80	60
1/7/2023	5	49	80	60
1/7/2023	6	51	100	61
1/7/2023	7	49	100	60
1/7/2023	8	53	135	70
1/7/2023	9	57	135	87
1/7/2023	10	60	135	87
1/7/2023	11	62	135	87
1/7/2023	12	63	135	88
1/7/2023	13	64	135	100
1/7/2023	14	64	135	100
1/7/2023	15	64	135	100
1/7/2023	16	62	135	100
1/7/2023	17	62	135	100
1/7/2023	18	68	135	100
1/7/2023	19	64	135	90
1/7/2023	20	62	135	89
1/7/2023	21	59	135	87
1/7/2023	22	57	135	87
1/7/2023	23	54	135	73
1/7/2023	24	51	100	64

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/8/2023	1	55	100	87
1/8/2023	2	53	100	87
1/8/2023	3	51	100	87
1/8/2023	4	50	100	87
1/8/2023	5	50	100	87
1/8/2023	6	51	100	87
1/8/2023	7	49	100	87
1/8/2023	8	50	100	87
1/8/2023	9	52	117	87
1/8/2023	10	57	135	87
1/8/2023	11	59	135	87
1/8/2023	12	61	135	95
1/8/2023	13	61	135	100
1/8/2023	14	62	135	100
1/8/2023	15	62	135	100
1/8/2023	16	60	135	100
1/8/2023	17	61	135	100
1/8/2023	18	70	135	100
1/8/2023	19	68	135	100
1/8/2023	20	66	135	100
1/8/2023	21	65	135	100
1/8/2023	22	61	135	100
1/8/2023	23	57	135	100
1/8/2023	24	54	100	90
1/9/2023	1	52	80	80
1/9/2023	2	51	80	80
1/9/2023	3	49	80	80
1/9/2023	4	49	80	80
1/9/2023	5	52	80	80
1/9/2023	6	55	80	80
1/9/2023	7	52	80	80
1/9/2023	8	57	80	80
1/9/2023	9	65	100	100
1/9/2023	10	69	105	105
1/9/2023	11	72	116	116
1/9/2023	12	71	115	115
1/9/2023	13	72	115	115
1/9/2023	14	76	135	135
1/9/2023	15	74	135	135
1/9/2023	16	74	135	135
1/9/2023	17	74	135	135
1/9/2023	18	73	130	130
1/9/2023	19	70	113	113
1/9/2023	20	69	110	110
1/9/2023	21	66	100	100
1/9/2023	22	62	88	88
1/9/2023	23	58	88	88
1/9/2023	24	55	88	88
1/10/2023	1	51	70	70
1/10/2023	2	49	70	70
1/10/2023	3	48	70	70
1/10/2023	4	48	70	70
1/10/2023	5	52	80	80
1/10/2023	6	55	80	80
1/10/2023	7	51	80	80
1/10/2023	8	56	80	80
1/10/2023	9	63	100	100
1/10/2023	10	68	100	100
1/10/2023	11	70	106	106
1/10/2023	12	71	121	121
1/10/2023	13	71	121	121
1/10/2023	14	74	125	125
1/10/2023	15	72	123	123
1/10/2023	16	71	116	116
1/10/2023	17	70	111	111

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/10/2023	18	73	128	128
1/10/2023	19	69	110	110
1/10/2023	20	68	110	110
1/10/2023	21	65	98	98
1/10/2023	22	61	90	90
1/10/2023	23	57	90	90
1/10/2023	24	54	90	90
1/11/2023	1	52	80	80
1/11/2023	2	51	80	80
1/11/2023	3	50	80	80
1/11/2023	4	50	80	80
1/11/2023	5	53	80	80
1/11/2023	6	57	80	80
1/11/2023	7	54	80	80
1/11/2023	8	56	80	80
1/11/2023	9	63	95	95
1/11/2023	10	67	95	95
1/11/2023	11	69	100	100
1/11/2023	12	69	100	100
1/11/2023	13	70	105	105
1/11/2023	14	73	117	117
1/11/2023	15	72	115	115
1/11/2023	16	70	110	110
1/11/2023	17	69	110	110
1/11/2023	18	74	129	129
1/11/2023	19	71	120	120
1/11/2023	20	69	110	110
1/11/2023	21	66	98	98
1/11/2023	22	62	98	98
1/11/2023	23	58	90	90
1/11/2023	24	55	90	90
1/12/2023	1	52	80	80
1/12/2023	2	49	80	80
1/12/2023	3	49	80	80
1/12/2023	4	48	80	80
1/12/2023	5	52	80	80
1/12/2023	6	56	80	80
1/12/2023	7	54	80	80
1/12/2023	8	56	80	80
1/12/2023	9	62	96	96
1/12/2023	10	67	96	96
1/12/2023	11	69	96	96
1/12/2023	12	69	96	96
1/12/2023	13	68	96	96
1/12/2023	14	71	105	105
1/12/2023	15	70	100	100
1/12/2023	16	69	100	100
1/12/2023	17	67	100	100
1/12/2023	18	73	121	121
1/12/2023	19	70	110	110
1/12/2023	20	66	103	103
1/12/2023	21	63	97	97
1/12/2023	22	59	90	90
1/12/2023	23	57	90	90
1/12/2023	24	54	90	90
1/13/2023	1	49	80	62
1/13/2023	2	47	80	60
1/13/2023	3	47	80	60
1/13/2023	4	47	80	60
1/13/2023	5	49	80	60
1/13/2023	6	53	100	64
1/13/2023	7	50	100	60
1/13/2023	8	54	100	68
1/13/2023	9	60	110	100
1/13/2023	10	63	110	86

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/13/2023	11	68	135	100
1/13/2023	12	66	135	99
1/13/2023	13	67	135	100
1/13/2023	14	68	135	100
1/13/2023	15	67	135	100
1/13/2023	16	67	135	100
1/13/2023	17	66	135	100
1/13/2023	18	70	135	100
1/13/2023	19	67	135	100
1/13/2023	20	64	135	100
1/13/2023	21	61	100	100
1/13/2023	22	56	100	100
1/13/2023	23	53	100	100
1/13/2023	24	50	100	75
1/14/2023	1	49	70	70
1/14/2023	2	47	70	70
1/14/2023	3	47	62	62
1/14/2023	4	46	60	60
1/14/2023	5	48	70	70
1/14/2023	6	50	70	70
1/14/2023	7	49	70	70
1/14/2023	8	53	80	80
1/14/2023	9	57	80	80
1/14/2023	10	59	80	80
1/14/2023	11	61	80	80
1/14/2023	12	61	80	80
1/14/2023	13	62	80	80
1/14/2023	14	63	80	80
1/14/2023	15	62	80	80
1/14/2023	16	61	80	80
1/14/2023	17	61	80	80
1/14/2023	18	67	95	95
1/14/2023	19	65	90	90
1/14/2023	20	62	90	90
1/14/2023	21	58	80	80
1/14/2023	22	56	80	80
1/14/2023	23	53	80	80
1/14/2023	24	50	80	80
1/15/2023	1	50	80	61
1/15/2023	2	49	80	61
1/15/2023	3	48	80	60
1/15/2023	4	48	80	60
1/15/2023	5	49	100	61
1/15/2023	6	49	100	62
1/15/2023	7	49	100	60
1/15/2023	8	50	100	60
1/15/2023	9	52	100	62
1/15/2023	10	53	100	85
1/15/2023	11	54	100	88
1/15/2023	12	54	100	90
1/15/2023	13	55	100	90
1/15/2023	14	55	100	90
1/15/2023	15	55	100	91
1/15/2023	16	55	100	89
1/15/2023	17	58	115	91
1/15/2023	18	64	135	95
1/15/2023	19	63	135	95
1/15/2023	20	61	135	92
1/15/2023	21	59	135	90
1/15/2023	22	55	115	75
1/15/2023	23	51	100	60
1/15/2023	24	49	100	60
1/16/2023	1	50	80	80
1/16/2023	2	49	80	80
1/16/2023	3	48	80	80

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/16/2023	4	47	80	80
1/16/2023	5	51	80	80
1/16/2023	6	54	80	80
1/16/2023	7	52	80	80
1/16/2023	8	56	80	80
1/16/2023	9	63	90	90
1/16/2023	10	67	100	100
1/16/2023	11	71	100	100
1/16/2023	12	69	100	100
1/16/2023	13	70	100	100
1/16/2023	14	73	110	110
1/16/2023	15	71	110	110
1/16/2023	16	71	110	110
1/16/2023	17	69	105	105
1/16/2023	18	73	116	116
1/16/2023	19	72	110	110
1/16/2023	20	69	106	106
1/16/2023	21	67	100	100
1/16/2023	22	63	80	80
1/16/2023	23	58	80	80
1/16/2023	24	55	80	80
1/17/2023	1	54	115	80
1/17/2023	2	52	115	80
1/17/2023	3	51	111	80
1/17/2023	4	50	114	80
1/17/2023	5	52	115	80
1/17/2023	6	56	115	80
1/17/2023	7	54	115	80
1/17/2023	8	58	115	90
1/17/2023	9	65	115	115
1/17/2023	10	71	120	120
1/17/2023	11	74	120	120
1/17/2023	12	73	116	116
1/17/2023	13	75	145	121
1/17/2023	14	76	135	135
1/17/2023	15	76	135	135
1/17/2023	16	75	135	135
1/17/2023	17	75	135	135
1/17/2023	18	77	135	135
1/17/2023	19	74	120	120
1/17/2023	20	71	120	120
1/17/2023	21	68	120	120
1/17/2023	22	64	86	86
1/17/2023	23	61	80	80
1/17/2023	24	58	80	80
1/18/2023	1	54	120	75
1/18/2023	2	53	120	68
1/18/2023	3	51	120	60
1/18/2023	4	51	120	60
1/18/2023	5	55	120	68
1/18/2023	6	59	120	75
1/18/2023	7	55	120	90
1/18/2023	8	59	120	90
1/18/2023	9	68	135	96
1/18/2023	10	73	135	115
1/18/2023	11	75	135	135
1/18/2023	12	75	135	135
1/18/2023	13	75	145	135
1/18/2023	14	78	135	135
1/18/2023	15	77	135	135
1/18/2023	16	76	135	135
1/18/2023	17	73	135	135
1/18/2023	18	75	135	135
1/18/2023	19	74	135	135
1/18/2023	20	71	120	113

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/18/2023	21	69	120	98
1/18/2023	22	65	115	92
1/18/2023	23	61	115	88
1/18/2023	24	59	115	88
1/19/2023	1	56	120	74
1/19/2023	2	53	120	72
1/19/2023	3	52	115	72
1/19/2023	4	52	115	72
1/19/2023	5	56	120	72
1/19/2023	6	60	120	78
1/19/2023	7	54	120	80
1/19/2023	8	58	120	85
1/19/2023	9	66	135	105
1/19/2023	10	72	135	113
1/19/2023	11	75	135	113
1/19/2023	12	74	135	135
1/19/2023	13	75	135	135
1/19/2023	14	78	135	135
1/19/2023	15	77	135	135
1/19/2023	16	76	135	135
1/19/2023	17	73	135	135
1/19/2023	18	76	135	135
1/19/2023	19	75	135	135
1/19/2023	20	71	135	113
1/19/2023	21	70	135	113
1/19/2023	22	65	135	98
1/19/2023	23	60	135	88
1/19/2023	24	57	135	88
1/20/2023	1	54	118	64
1/20/2023	2	53	118	64
1/20/2023	3	51	118	64
1/20/2023	4	51	118	64
1/20/2023	5	55	131	64
1/20/2023	6	59	135	80
1/20/2023	7	54	135	65
1/20/2023	8	57	135	77
1/20/2023	9	67	135	100
1/20/2023	10	72	135	101
1/20/2023	11	76	135	104
1/20/2023	12	75	135	105
1/20/2023	13	76	135	106
1/20/2023	14	78	135	107
1/20/2023	15	76	135	106
1/20/2023	16	74	135	103
1/20/2023	17	72	135	102
1/20/2023	18	75	135	103
1/20/2023	19	74	135	104
1/20/2023	20	71	135	103
1/20/2023	21	69	135	103
1/20/2023	22	65	135	100
1/20/2023	23	60	135	100
1/20/2023	24	57	118	81
1/21/2023	1	55	120	72
1/21/2023	2	53	120	72
1/21/2023	3	52	110	72
1/21/2023	4	51	110	74
1/21/2023	5	52	110	78
1/21/2023	6	53	120	78
1/21/2023	7	53	110	80
1/21/2023	8	56	110	80
1/21/2023	9	61	120	82
1/21/2023	10	65	135	100
1/21/2023	11	67	135	102
1/21/2023	12	67	135	102
1/21/2023	13	68	135	102

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/21/2023	14	70	135	103
1/21/2023	15	70	135	104
1/21/2023	16	69	135	103
1/21/2023	17	68	135	102
1/21/2023	18	75	135	114
1/21/2023	19	72	135	110
1/21/2023	20	70	135	104
1/21/2023	21	67	135	102
1/21/2023	22	63	135	78
1/21/2023	23	60	120	78
1/21/2023	24	57	120	78
1/22/2023	1	53	115	64
1/22/2023	2	51	115	64
1/22/2023	3	49	115	58
1/22/2023	4	48	115	58
1/22/2023	5	49	115	59
1/22/2023	6	50	115	65
1/22/2023	7	49	115	60
1/22/2023	8	51	115	60
1/22/2023	9	53	115	60
1/22/2023	10	57	125	94
1/22/2023	11	59	125	101
1/22/2023	12	60	125	102
1/22/2023	13	61	125	102
1/22/2023	14	62	125	104
1/22/2023	15	62	125	104
1/22/2023	16	61	125	102
1/22/2023	17	62	125	102
1/22/2023	18	70	135	104
1/22/2023	19	69	135	105
1/22/2023	20	68	135	104
1/22/2023	21	65	135	103
1/22/2023	22	61	135	100
1/22/2023	23	58	135	83
1/22/2023	24	56	135	65
1/23/2023	1	54	120	65
1/23/2023	2	52	120	65
1/23/2023	3	51	120	66
1/23/2023	4	51	120	65
1/23/2023	5	54	120	69
1/23/2023	6	59	120	78
1/23/2023	7	53	120	68
1/23/2023	8	57	120	70
1/23/2023	9	66	120	105
1/23/2023	10	72	135	110
1/23/2023	11	75	135	114
1/23/2023	12	74	135	110
1/23/2023	13	75	135	112
1/23/2023	14	78	135	120
1/23/2023	15	76	135	113
1/23/2023	16	75	135	110
1/23/2023	17	72	135	102
1/23/2023	18	75	135	111
1/23/2023	19	74	135	110
1/23/2023	20	72	135	110
1/23/2023	21	69	135	105
1/23/2023	22	66	135	86
1/23/2023	23	61	135	87
1/23/2023	24	58	135	80
1/24/2023	1	54	80	80
1/24/2023	2	53	80	80
1/24/2023	3	52	80	80
1/24/2023	4	52	80	80
1/24/2023	5	54	98	98
1/24/2023	6	58	98	98

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/24/2023	7	54	100	100
1/24/2023	8	56	100	100
1/24/2023	9	65	135	100
1/24/2023	10	70	135	135
1/24/2023	11	74	135	135
1/24/2023	12	74	135	135
1/24/2023	13	75	135	135
1/24/2023	14	78	135	135
1/24/2023	15	76	135	135
1/24/2023	16	75	135	135
1/24/2023	17	72	135	135
1/24/2023	18	75	135	135
1/24/2023	19	74	135	135
1/24/2023	20	70	135	135
1/24/2023	21	69	135	135
1/24/2023	22	65	135	135
1/24/2023	23	61	125	125
1/24/2023	24	57	110	110
1/25/2023	1	52	80	80
1/25/2023	2	50	80	80
1/25/2023	3	49	80	80
1/25/2023	4	49	80	80
1/25/2023	5	53	80	80
1/25/2023	6	58	97	97
1/25/2023	7	53	90	90
1/25/2023	8	56	100	100
1/25/2023	9	64	135	135
1/25/2023	10	70	135	135
1/25/2023	11	73	135	135
1/25/2023	12	73	135	135
1/25/2023	13	74	135	135
1/25/2023	14	77	135	135
1/25/2023	15	74	135	135
1/25/2023	16	71	135	135
1/25/2023	17	69	135	135
1/25/2023	18	72	135	135
1/25/2023	19	70	135	135
1/25/2023	20	67	135	135
1/25/2023	21	64	120	120
1/25/2023	22	60	110	110
1/25/2023	23	56	100	100
1/25/2023	24	53	100	100
1/26/2023	1	53	87	87
1/26/2023	2	51	60	58
1/26/2023	3	51	60	58
1/26/2023	4	51	60	57
1/26/2023	5	52	73	73
1/26/2023	6	57	88	88
1/26/2023	7	53	75	75
1/26/2023	8	58	94	94
1/26/2023	9	64	96	95
1/26/2023	10	69	100	100
1/26/2023	11	72	100	100
1/26/2023	12	71	103	102
1/26/2023	13	72	100	100
1/26/2023	14	75	106	106
1/26/2023	15	74	101	101
1/26/2023	16	72	100	100
1/26/2023	17	73	130	130
1/26/2023	18	77	130	130
1/26/2023	19	71	100	100
1/26/2023	20	71	138	100
1/26/2023	21	69	115	115
1/26/2023	22	65	100	100
1/26/2023	23	61	100	100

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/26/2023	24	57	100	100
1/27/2023	1	60	100	100
1/27/2023	2	58	100	100
1/27/2023	3	57	100	100
1/27/2023	4	56	100	100
1/27/2023	5	58	100	100
1/27/2023	6	62	100	100
1/27/2023	7	58	100	100
1/27/2023	8	63	100	100
1/27/2023	9	71	100	100
1/27/2023	10	73	100	100
1/27/2023	11	76	105	105
1/27/2023	12	78	110	110
1/27/2023	13	78	110	110
1/27/2023	14	81	120	120
1/27/2023	15	80	120	120
1/27/2023	16	78	115	115
1/27/2023	17	76	110	110
1/27/2023	18	79	115	115
1/27/2023	19	77	115	115
1/27/2023	20	74	110	110
1/27/2023	21	73	110	110
1/27/2023	22	70	100	100
1/27/2023	23	68	100	100
1/27/2023	24	61	89	89
1/28/2023	1	58	98	98
1/28/2023	2	56	98	98
1/28/2023	3	56	98	98
1/28/2023	4	54	98	98
1/28/2023	5	55	98	98
1/28/2023	6	56	110	110
1/28/2023	7	57	110	110
1/28/2023	8	59	117	117
1/28/2023	9	64	122	122
1/28/2023	10	66	134	134
1/28/2023	11	69	134	134
1/28/2023	12	68	135	135
1/28/2023	13	68	133	133
1/28/2023	14	71	134	134
1/28/2023	15	67	134	134
1/28/2023	16	66	130	130
1/28/2023	17	66	134	134
1/28/2023	18	70	134	134
1/28/2023	19	68	131	131
1/28/2023	20	66	134	134
1/28/2023	21	65	130	130
1/28/2023	22	62	134	134
1/28/2023	23	58	121	121
1/28/2023	24	54	98	98
1/29/2023	1	50	60	60
1/29/2023	2	48	55	55
1/29/2023	3	47	55	55
1/29/2023	4	46	55	55
1/29/2023	5	47	55	55
1/29/2023	6	50	58	57
1/29/2023	7	49	55	55
1/29/2023	8	50	55	55
1/29/2023	9	53	60	60
1/29/2023	10	54	70	70
1/29/2023	11	56	75	75
1/29/2023	12	55	70	70
1/29/2023	13	55	73	73
1/29/2023	14	56	75	75
1/29/2023	15	55	75	75
1/29/2023	16	55	75	75

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
1/29/2023	17	58	95	95
1/29/2023	18	65	104	104
1/29/2023	19	64	95	95
1/29/2023	20	62	91	91
1/29/2023	21	59	84	84
1/29/2023	22	57	74	74
1/29/2023	23	53	60	60
1/29/2023	24	51	55	55
1/30/2023	1	49	55	55
1/30/2023	2	48	55	55
1/30/2023	3	47	55	55
1/30/2023	4	47	55	55
1/30/2023	5	51	60	60
1/30/2023	6	56	70	70
1/30/2023	7	51	60	60
1/30/2023	8	55	60	60
1/30/2023	9	63	107	90
1/30/2023	10	67	111	104
1/30/2023	11	70	118	115
1/30/2023	12	69	110	105
1/30/2023	13	69	116	116
1/30/2023	14	71	112	112
1/30/2023	15	69	112	107
1/30/2023	16	69	111	110
1/30/2023	17	69	107	103
1/30/2023	18	72	127	124
1/30/2023	19	70	112	110
1/30/2023	20	66	109	107
1/30/2023	21	63	111	105
1/30/2023	22	59	87	87
1/30/2023	23	55	80	80
1/30/2023	24	53	80	80
1/31/2023	1	58	88	88
1/31/2023	2	56	81	80
1/31/2023	3	55	82	82
1/31/2023	4	55	80	80
1/31/2023	5	57	101	82
1/31/2023	6	63	110	110
1/31/2023	7	59	100	100
1/31/2023	8	62	100	100
1/31/2023	9	69	107	106
1/31/2023	10	72	118	111
1/31/2023	11	75	127	125
1/31/2023	12	74	116	110
1/31/2023	13	75	126	125
1/31/2023	14	79	127	125
1/31/2023	15	78	127	125
1/31/2023	16	77	127	125
1/31/2023	17	77	111	111
1/31/2023	18	80	127	127
1/31/2023	19	77	117	117
1/31/2023	20	74	110	110
1/31/2023	21	72	111	108
1/31/2023	22	68	101	98
1/31/2023	23	63	124	124
1/31/2023	24	58	103	102
2/1/2023	1	62	98	98
2/1/2023	2	60	98	98
2/1/2023	3	58	90	90
2/1/2023	4	56	75	75
2/1/2023	5	56	75	75
2/1/2023	6	63	98	98
2/1/2023	7	67	100	100
2/1/2023	8	62	90	90
2/1/2023	9	65	100	100

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/1/2023	10	72	116	115
2/1/2023	11	77	124	124
2/1/2023	12	77	124	124
2/1/2023	13	77	124	124
2/1/2023	14	77	124	124
2/1/2023	15	81	131	131
2/1/2023	16	79	127	127
2/1/2023	17	79	130	130
2/1/2023	18	77	124	124
2/1/2023	19	81	135	135
2/1/2023	20	80	135	135
2/1/2023	21	78	135	135
2/1/2023	22	75	110	110
2/1/2023	23	70	101	101
2/1/2023	24	66	100	100
2/2/2023	1	59	89	89
2/2/2023	2	58	89	89
2/2/2023	3	56	89	89
2/2/2023	4	55	89	89
2/2/2023	5	60	89	89
2/2/2023	6	66	109	109
2/2/2023	7	56	109	109
2/2/2023	8	62	109	109
2/2/2023	9	68	110	110
2/2/2023	10	76	115	115
2/2/2023	11	79	120	120
2/2/2023	12	80	115	115
2/2/2023	13	78	115	115
2/2/2023	14	80	115	115
2/2/2023	15	82	120	120
2/2/2023	16	81	117	117
2/2/2023	17	77	110	110
2/2/2023	18	81	120	120
2/2/2023	19	79	120	120
2/2/2023	20	77	115	115
2/2/2023	21	76	115	115
2/2/2023	22	71	100	100
2/2/2023	23	67	100	100
2/2/2023	24	63	90	90
2/3/2023	1	61	97	97
2/3/2023	2	59	97	85
2/3/2023	3	57	97	81
2/3/2023	4	56	97	81
2/3/2023	5	58	97	93
2/3/2023	6	71	123	122
2/3/2023	7	63	110	110
2/3/2023	8	59	110	110
2/3/2023	9	64	108	108
2/3/2023	10	73	120	120
2/3/2023	11	76	120	120
2/3/2023	12	78	122	122
2/3/2023	13	78	121	121
2/3/2023	14	81	122	122
2/3/2023	15	81	126	125
2/3/2023	16	79	120	120
2/3/2023	17	76	120	120
2/3/2023	18	79	124	124
2/3/2023	19	78	124	124
2/3/2023	20	75	124	124
2/3/2023	21	73	125	124
2/3/2023	22	71	115	115
2/3/2023	23	68	111	111
2/3/2023	24	62	100	100
2/4/2023	1	60	117	116
2/4/2023	2	59	111	111

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/4/2023	3	56	111	111
2/4/2023	4	56	100	100
2/4/2023	5	56	100	100
2/4/2023	6	59	109	108
2/4/2023	7	58	104	104
2/4/2023	8	60	104	104
2/4/2023	9	65	111	111
2/4/2023	10	71	122	121
2/4/2023	11	74	126	126
2/4/2023	12	74	121	120
2/4/2023	13	74	122	122
2/4/2023	14	77	121	120
2/4/2023	15	76	118	118
2/4/2023	16	76	120	120
2/4/2023	17	73	115	115
2/4/2023	18	78	127	127
2/4/2023	19	78	138	138
2/4/2023	20	77	135	133
2/4/2023	21	73	125	125
2/4/2023	22	70	125	125
2/4/2023	23	66	120	120
2/4/2023	24	63	114	114
2/5/2023	1	57	78	78
2/5/2023	2	56	78	78
2/5/2023	3	54	78	78
2/5/2023	4	53	78	78
2/5/2023	5	53	78	78
2/5/2023	6	53	78	78
2/5/2023	7	53	78	78
2/5/2023	8	54	78	78
2/5/2023	9	55	78	78
2/5/2023	10	57	78	78
2/5/2023	11	60	79	79
2/5/2023	12	60	79	79
2/5/2023	13	60	85	85
2/5/2023	14	59	83	83
2/5/2023	15	60	92	92
2/5/2023	16	59	89	89
2/5/2023	17	60	92	92
2/5/2023	18	67	100	100
2/5/2023	19	67	107	104
2/5/2023	20	65	107	102
2/5/2023	21	66	101	100
2/5/2023	22	60	97	82
2/5/2023	23	58	97	82
2/5/2023	24	54	82	74
2/6/2023	1	52	88	88
2/6/2023	2	50	88	88
2/6/2023	3	49	88	88
2/6/2023	4	50	88	88
2/6/2023	5	53	88	88
2/6/2023	6	57	88	88
2/6/2023	7	54	90	90
2/6/2023	8	58	90	90
2/6/2023	9	67	115	115
2/6/2023	10	71	115	115
2/6/2023	11	74	115	115
2/6/2023	12	73	111	110
2/6/2023	13	74	110	110
2/6/2023	14	76	110	110
2/6/2023	15	75	110	110
2/6/2023	16	74	110	110
2/6/2023	17	72	110	110
2/6/2023	18	75	120	120
2/6/2023	19	73	120	120

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/6/2023	20	71	120	120
2/6/2023	21	68	120	120
2/6/2023	22	62	90	90
2/6/2023	23	61	90	90
2/6/2023	24	58	90	90
2/7/2023	1	62	82	82
2/7/2023	2	59	80	80
2/7/2023	3	57	80	80
2/7/2023	4	56	80	80
2/7/2023	5	60	83	83
2/7/2023	6	64	89	89
2/7/2023	7	59	90	90
2/7/2023	8	63	102	102
2/7/2023	9	73	120	120
2/7/2023	10	78	126	126
2/7/2023	11	80	128	128
2/7/2023	12	79	120	120
2/7/2023	13	81	130	130
2/7/2023	14	84	125	125
2/7/2023	15	83	124	124
2/7/2023	16	80	124	124
2/7/2023	17	76	124	124
2/7/2023	18	80	124	124
2/7/2023	19	80	130	130
2/7/2023	20	77	131	131
2/7/2023	21	75	130	130
2/7/2023	22	69	105	105
2/7/2023	23	65	100	100
2/7/2023	24	60	95	95
2/8/2023	1	58	101	101
2/8/2023	2	57	102	102
2/8/2023	3	55	103	103
2/8/2023	4	55	97	97
2/8/2023	5	57	102	102
2/8/2023	6	61	101	101
2/8/2023	7	59	100	100
2/8/2023	8	60	107	107
2/8/2023	9	72	130	130
2/8/2023	10	77	135	135
2/8/2023	11	81	135	135
2/8/2023	12	79	135	135
2/8/2023	13	80	135	135
2/8/2023	14	81	124	124
2/8/2023	15	83	128	128
2/8/2023	16	81	124	124
2/8/2023	17	78	124	124
2/8/2023	18	82	135	135
2/8/2023	19	81	135	135
2/8/2023	20	79	135	135
2/8/2023	21	76	130	130
2/8/2023	22	71	124	124
2/8/2023	23	67	123	123
2/8/2023	24	65	118	118
2/9/2023	1	59	102	87
2/9/2023	2	57	102	87
2/9/2023	3	55	95	95
2/9/2023	4	56	102	85
2/9/2023	5	56	102	87
2/9/2023	6	60	106	97
2/9/2023	7	58	99	88
2/9/2023	8	64	112	107
2/9/2023	9	73	117	117
2/9/2023	10	77	115	115
2/9/2023	11	81	125	125
2/9/2023	12	79	120	120

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/9/2023	13	81	123	123
2/9/2023	14	82	122	122
2/9/2023	15	80	132	118
2/9/2023	16	80	135	116
2/9/2023	17	75	114	112
2/9/2023	18	80	119	119
2/9/2023	19	79	125	125
2/9/2023	20	77	117	117
2/9/2023	21	74	115	115
2/9/2023	22	69	111	103
2/9/2023	23	66	107	105
2/9/2023	24	64	100	100
2/10/2023	1	60	101	97
2/10/2023	2	58	97	97
2/10/2023	3	56	90	84
2/10/2023	4	56	93	84
2/10/2023	5	58	102	87
2/10/2023	6	62	102	97
2/10/2023	7	58	98	93
2/10/2023	8	64	109	106
2/10/2023	9	72	136	121
2/10/2023	10	76	130	124
2/10/2023	11	80	135	135
2/10/2023	12	78	124	124
2/10/2023	13	79	135	124
2/10/2023	14	83	135	135
2/10/2023	15	81	135	135
2/10/2023	16	81	134	134
2/10/2023	17	76	124	124
2/10/2023	18	80	135	135
2/10/2023	19	79	135	135
2/10/2023	20	77	134	133
2/10/2023	21	74	124	124
2/10/2023	22	69	100	98
2/10/2023	23	66	100	98
2/10/2023	24	63	100	98
2/11/2023	1	60	98	98
2/11/2023	2	58	98	98
2/11/2023	3	58	98	98
2/11/2023	4	56	98	98
2/11/2023	5	57	98	98
2/11/2023	6	57	98	98
2/11/2023	7	58	95	95
2/11/2023	8	61	96	96
2/11/2023	9	65	110	110
2/11/2023	10	71	110	110
2/11/2023	11	74	115	115
2/11/2023	12	72	110	110
2/11/2023	13	74	114	114
2/11/2023	14	74	102	102
2/11/2023	15	74	105	105
2/11/2023	16	72	100	99
2/11/2023	17	72	100	100
2/11/2023	18	78	115	115
2/11/2023	19	75	119	119
2/11/2023	20	77	123	123
2/11/2023	21	71	115	115
2/11/2023	22	68	98	98
2/11/2023	23	64	95	95
2/11/2023	24	61	95	95
2/12/2023	1	54	80	80
2/12/2023	2	52	80	80
2/12/2023	3	51	80	80
2/12/2023	4	50	80	80
2/12/2023	5	51	80	80

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/12/2023	6	52	80	80
2/12/2023	7	51	80	80
2/12/2023	8	51	78	78
2/12/2023	9	54	78	78
2/12/2023	10	57	97	97
2/12/2023	11	57	89	89
2/12/2023	12	59	100	100
2/12/2023	13	60	96	91
2/12/2023	14	59	100	91
2/12/2023	15	59	102	91
2/12/2023	16	58	103	92
2/12/2023	17	57	103	90
2/12/2023	18	66	111	111
2/12/2023	19	67	111	110
2/12/2023	20	65	111	107
2/12/2023	21	64	111	103
2/12/2023	22	60	94	89
2/12/2023	23	57	94	89
2/12/2023	24	55	99	83
2/13/2023	1	52	80	80
2/13/2023	2	50	80	80
2/13/2023	3	49	80	80
2/13/2023	4	48	80	80
2/13/2023	5	50	80	80
2/13/2023	6	53	80	80
2/13/2023	7	53	80	80
2/13/2023	8	58	80	80
2/13/2023	9	67	110	110
2/13/2023	10	71	110	110
2/13/2023	11	75	110	110
2/13/2023	12	74	110	110
2/13/2023	13	75	110	110
2/13/2023	14	77	110	110
2/13/2023	15	77	110	110
2/13/2023	16	74	110	110
2/13/2023	17	70	110	110
2/13/2023	18	73	110	110
2/13/2023	19	72	110	110
2/13/2023	20	71	110	110
2/13/2023	21	68	110	110
2/13/2023	22	64	116	112
2/13/2023	23	60	115	112
2/13/2023	24	57	104	103
2/14/2023	1	59	102	87
2/14/2023	2	56	102	87
2/14/2023	3	55	90	83
2/14/2023	4	55	102	85
2/14/2023	5	59	102	87
2/14/2023	6	63	106	97
2/14/2023	7	59	99	90
2/14/2023	8	64	112	106
2/14/2023	9	74	125	125
2/14/2023	10	78	125	125
2/14/2023	11	82	131	131
2/14/2023	12	79	125	125
2/14/2023	13	81	135	135
2/14/2023	14	84	138	138
2/14/2023	15	82	138	138
2/14/2023	16	81	138	138
2/14/2023	17	77	125	125
2/14/2023	18	80	125	125
2/14/2023	19	79	125	125
2/14/2023	20	77	124	124
2/14/2023	21	74	124	124
2/14/2023	22	69	111	110

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/14/2023	23	65	107	98
2/14/2023	24	63	98	98
2/15/2023	1	65	95	95
2/15/2023	2	61	93	93
2/15/2023	3	59	93	93
2/15/2023	4	57	90	90
2/15/2023	5	57	90	90
2/15/2023	6	57	90	90
2/15/2023	7	60	90	90
2/15/2023	8	60	90	90
2/15/2023	9	66	111	111
2/15/2023	10	73	119	119
2/15/2023	11	79	124	124
2/15/2023	12	82	130	130
2/15/2023	13	81	124	124
2/15/2023	14	81	124	124
2/15/2023	15	82	135	135
2/15/2023	16	84	135	135
2/15/2023	17	82	135	135
2/15/2023	18	79	120	120
2/15/2023	19	83	135	135
2/15/2023	20	81	135	135
2/15/2023	21	79	135	135
2/15/2023	22	75	117	117
2/15/2023	23	69	105	105
2/15/2023	24	67	100	100
2/16/2023	1	55	88	88
2/16/2023	2	53	88	88
2/16/2023	3	51	90	90
2/16/2023	4	51	90	90
2/16/2023	5	54	97	96
2/16/2023	6	57	98	98
2/16/2023	7	52	89	89
2/16/2023	8	57	95	95
2/16/2023	9	65	118	118
2/16/2023	10	71	120	120
2/16/2023	11	73	120	120
2/16/2023	12	72	120	120
2/16/2023	13	73	114	114
2/16/2023	14	74	108	107
2/16/2023	15	75	120	120
2/16/2023	16	75	120	120
2/16/2023	17	69	110	110
2/16/2023	18	73	110	110
2/16/2023	19	73	110	110
2/16/2023	20	70	110	110
2/16/2023	21	68	110	110
2/16/2023	22	64	95	95
2/16/2023	23	59	90	90
2/16/2023	24	59	90	90
2/17/2023	1	57	90	90
2/17/2023	2	56	90	90
2/17/2023	3	54	90	90
2/17/2023	4	55	90	90
2/17/2023	5	57	90	90
2/17/2023	6	61	90	90
2/17/2023	7	57	90	90
2/17/2023	8	62	90	90
2/17/2023	9	77	120	120
2/17/2023	10	71	120	120
2/17/2023	11	76	120	120
2/17/2023	12	79	120	120
2/17/2023	13	78	120	120
2/17/2023	14	81	120	120
2/17/2023	15	81	120	120

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/17/2023	16	80	120	120
2/17/2023	17	75	120	120
2/17/2023	18	79	120	120
2/17/2023	19	78	120	120
2/17/2023	20	73	110	110
2/17/2023	21	72	110	110
2/17/2023	22	68	98	98
2/17/2023	23	64	98	98
2/17/2023	24	61	98	98
2/18/2023	1	59	90	90
2/18/2023	2	58	90	90
2/18/2023	3	55	90	90
2/18/2023	4	55	90	90
2/18/2023	5	55	90	90
2/18/2023	6	58	90	90
2/18/2023	7	57	90	90
2/18/2023	8	59	90	90
2/18/2023	9	64	100	100
2/18/2023	10	70	110	110
2/18/2023	11	73	110	110
2/18/2023	12	73	110	110
2/18/2023	13	73	110	110
2/18/2023	14	76	110	110
2/18/2023	15	75	110	110
2/18/2023	16	75	110	110
2/18/2023	17	72	110	110
2/18/2023	18	78	118	118
2/18/2023	19	78	121	121
2/18/2023	20	76	124	124
2/18/2023	21	72	115	115
2/18/2023	22	69	110	110
2/18/2023	23	65	110	110
2/18/2023	24	61	110	110
2/19/2023	1	54	97	80
2/19/2023	2	52	86	78
2/19/2023	3	51	78	75
2/19/2023	4	50	76	75
2/19/2023	5	50	74	74
2/19/2023	6	52	80	80
2/19/2023	7	51	80	80
2/19/2023	8	51	83	80
2/19/2023	9	54	98	95
2/19/2023	10	57	100	99
2/19/2023	11	59	94	93
2/19/2023	12	59	100	98
2/19/2023	13	60	100	95
2/19/2023	14	62	99	98
2/19/2023	15	61	100	97
2/19/2023	16	60	99	98
2/19/2023	17	59	100	98
2/19/2023	18	65	100	98
2/19/2023	19	69	100	98
2/19/2023	20	66	99	98
2/19/2023	21	63	100	98
2/19/2023	22	60	100	97
2/19/2023	23	57	95	93
2/19/2023	24	54	92	84
2/20/2023	1	52	90	90
2/20/2023	2	50	90	90
2/20/2023	3	49	90	90
2/20/2023	4	48	90	90
2/20/2023	5	51	90	90
2/20/2023	6	54	95	95
2/20/2023	7	53	95	95
2/20/2023	8	57	99	99

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/20/2023	9	66	115	115
2/20/2023	10	71	115	115
2/20/2023	11	74	115	115
2/20/2023	12	73	115	115
2/20/2023	13	74	115	115
2/20/2023	14	77	125	125
2/20/2023	15	75	115	115
2/20/2023	16	73	115	115
2/20/2023	17	71	115	115
2/20/2023	18	73	115	115
2/20/2023	19	72	115	115
2/20/2023	20	70	110	110
2/20/2023	21	67	110	110
2/20/2023	22	63	92	92
2/20/2023	23	59	90	90
2/20/2023	24	56	90	90
2/21/2023	1	64	95	95
2/21/2023	2	61	95	95
2/21/2023	3	60	95	95
2/21/2023	4	61	95	95
2/21/2023	5	64	95	95
2/21/2023	6	70	115	115
2/21/2023	7	65	115	115
2/21/2023	8	68	115	115
2/21/2023	9	74	130	130
2/21/2023	10	80	135	135
2/21/2023	11	82	135	135
2/21/2023	12	79	135	135
2/21/2023	13	79	135	135
2/21/2023	14	80	135	135
2/21/2023	15	79	135	135
2/21/2023	16	77	135	135
2/21/2023	17	77	135	135
2/21/2023	18	81	135	135
2/21/2023	19	77	135	135
2/21/2023	20	65	105	105
2/21/2023	21	76	120	120
2/21/2023	22	72	110	110
2/21/2023	23	67	110	110
2/21/2023	24	58	110	110
2/22/2023	1	61	95	95
2/22/2023	2	59	95	95
2/22/2023	3	57	95	95
2/22/2023	4	57	95	95
2/22/2023	5	59	95	95
2/22/2023	6	65	115	115
2/22/2023	7	59	115	115
2/22/2023	8	63	115	115
2/22/2023	9	72	115	115
2/22/2023	10	78	124	124
2/22/2023	11	81	128	128
2/22/2023	12	80	124	124
2/22/2023	13	81	135	135
2/22/2023	14	83	135	135
2/22/2023	15	84	138	138
2/22/2023	16	83	135	135
2/22/2023	17	80	129	129
2/22/2023	18	83	138	138
2/22/2023	19	79	129	129
2/22/2023	20	76	120	120
2/22/2023	21	77	124	124
2/22/2023	22	72	112	112
2/22/2023	23	69	101	101
2/22/2023	24	66	100	100
2/23/2023	1	58	95	95

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/23/2023	2	56	95	95
2/23/2023	3	54	95	95
2/23/2023	4	55	95	95
2/23/2023	5	56	98	98
2/23/2023	6	60	98	98
2/23/2023	7	56	105	105
2/23/2023	8	62	106	106
2/23/2023	9	70	106	106
2/23/2023	10	74	115	115
2/23/2023	11	78	115	115
2/23/2023	12	76	115	115
2/23/2023	13	77	115	115
2/23/2023	14	81	124	124
2/23/2023	15	81	124	124
2/23/2023	16	80	124	124
2/23/2023	17	76	124	124
2/23/2023	18	78	124	124
2/23/2023	19	78	124	124
2/23/2023	20	76	124	124
2/23/2023	21	72	124	124
2/23/2023	22	69	98	98
2/23/2023	23	65	95	95
2/23/2023	24	58	95	95
2/24/2023	1	58	95	95
2/24/2023	2	56	95	95
2/24/2023	3	55	95	95
2/24/2023	4	56	110	110
2/24/2023	5	59	110	110
2/24/2023	6	63	110	110
2/24/2023	7	59	110	110
2/24/2023	8	63	110	110
2/24/2023	9	73	135	135
2/24/2023	10	77	135	135
2/24/2023	11	80	135	135
2/24/2023	12	79	124	124
2/24/2023	13	80	124	124
2/24/2023	14	80	120	120
2/24/2023	15	79	120	120
2/24/2023	16	78	120	120
2/24/2023	17	76	120	120
2/24/2023	18	79	124	124
2/24/2023	19	78	125	125
2/24/2023	20	75	120	120
2/24/2023	21	72	120	120
2/24/2023	22	67	98	98
2/24/2023	23	64	98	98
2/24/2023	24	56	98	98
2/25/2023	1	61	98	98
2/25/2023	2	60	98	98
2/25/2023	3	58	98	98
2/25/2023	4	57	98	98
2/25/2023	5	57	98	98
2/25/2023	6	60	98	98
2/25/2023	7	59	100	100
2/25/2023	8	60	100	100
2/25/2023	9	66	107	100
2/25/2023	10	71	116	103
2/25/2023	11	74	120	120
2/25/2023	12	73	124	120
2/25/2023	13	74	135	135
2/25/2023	14	75	135	135
2/25/2023	15	74	135	135
2/25/2023	16	75	135	135
2/25/2023	17	72	131	130
2/25/2023	18	77	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/25/2023	19	75	135	135
2/25/2023	20	76	135	135
2/25/2023	21	72	135	135
2/25/2023	22	69	112	98
2/25/2023	23	64	98	98
2/25/2023	24	56	96	96
2/26/2023	1	53	80	80
2/26/2023	2	51	80	80
2/26/2023	3	50	80	80
2/26/2023	4	49	80	80
2/26/2023	5	49	80	80
2/26/2023	6	52	80	80
2/26/2023	7	50	80	80
2/26/2023	8	51	80	80
2/26/2023	9	54	80	80
2/26/2023	10	57	90	90
2/26/2023	11	58	90	90
2/26/2023	12	60	90	90
2/26/2023	13	61	90	90
2/26/2023	14	62	88	88
2/26/2023	15	61	88	88
2/26/2023	16	61	88	88
2/26/2023	17	61	88	88
2/26/2023	18	67	110	110
2/26/2023	19	70	110	110
2/26/2023	20	67	110	110
2/26/2023	21	65	110	110
2/26/2023	22	62	88	88
2/26/2023	23	59	88	88
2/26/2023	24	57	88	88
2/27/2023	1	54	95	90
2/27/2023	2	52	90	90
2/27/2023	3	50	75	75
2/27/2023	4	50	75	75
2/27/2023	5	53	90	90
2/27/2023	6	57	98	90
2/27/2023	7	53	84	80
2/27/2023	8	58	103	95
2/27/2023	9	67	116	113
2/27/2023	10	72	122	116
2/27/2023	11	76	123	121
2/27/2023	12	74	123	114
2/27/2023	13	75	135	135
2/27/2023	14	78	135	135
2/27/2023	15	77	135	135
2/27/2023	16	76	135	135
2/27/2023	17	72	135	124
2/27/2023	18	74	135	124
2/27/2023	19	75	135	124
2/27/2023	20	72	135	124
2/27/2023	21	69	135	124
2/27/2023	22	65	135	125
2/27/2023	23	62	98	98
2/27/2023	24	58	116	96
2/28/2023	1	59	95	95
2/28/2023	2	58	95	95
2/28/2023	3	57	95	95
2/28/2023	4	56	95	95
2/28/2023	5	58	110	110
2/28/2023	6	65	110	110
2/28/2023	7	58	110	110
2/28/2023	8	63	110	110
2/28/2023	9	71	120	120
2/28/2023	10	78	130	130
2/28/2023	11	80	130	130

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
2/28/2023	12	79	130	130
2/28/2023	13	79	130	130
2/28/2023	14	84	135	135
2/28/2023	15	83	135	135
2/28/2023	16	81	135	135
2/28/2023	17	78	130	130
2/28/2023	18	79	130	130
2/28/2023	19	79	130	130
2/28/2023	20	73	110	110
2/28/2023	21	73	110	110
2/28/2023	22	67	110	110
2/28/2023	23	65	110	110
2/28/2023	24	62	110	110
3/1/2023	1	59	95	95
3/1/2023	2	58	95	95
3/1/2023	3	57	95	95
3/1/2023	4	56	95	95
3/1/2023	5	58	108	108
3/1/2023	6	65	110	110
3/1/2023	7	58	110	110
3/1/2023	8	63	110	110
3/1/2023	9	72	124	124
3/1/2023	10	78	130	130
3/1/2023	11	81	130	130
3/1/2023	12	79	130	130
3/1/2023	13	80	130	130
3/1/2023	14	84	133	133
3/1/2023	15	83	132	132
3/1/2023	16	82	130	130
3/1/2023	17	78	130	130
3/1/2023	18	80	130	130
3/1/2023	19	79	130	130
3/1/2023	20	77	130	130
3/1/2023	21	75	125	125
3/1/2023	22	70	110	110
3/1/2023	23	66	100	100
3/1/2023	24	62	100	100
3/2/2023	1	62	95	95
3/2/2023	2	60	95	95
3/2/2023	3	58	95	95
3/2/2023	4	58	95	95
3/2/2023	5	61	95	95
3/2/2023	6	65	98	98
3/2/2023	7	59	95	95
3/2/2023	8	64	95	95
3/2/2023	9	76	135	135
3/2/2023	10	81	135	135
3/2/2023	11	85	138	138
3/2/2023	12	83	138	138
3/2/2023	13	84	138	138
3/2/2023	14	88	138	138
3/2/2023	15	88	138	138
3/2/2023	16	87	138	138
3/2/2023	17	83	138	138
3/2/2023	18	84	138	138
3/2/2023	19	84	138	138
3/2/2023	20	81	135	135
3/2/2023	21	79	135	135
3/2/2023	22	74	124	124
3/2/2023	23	71	124	124
3/2/2023	24	65	124	124
3/3/2023	1	58	95	95
3/3/2023	2	57	95	95
3/3/2023	3	55	95	95
3/3/2023	4	54	95	95

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/3/2023	5	56	95	95
3/3/2023	6	60	95	95
3/3/2023	7	60	95	95
3/3/2023	8	64	95	95
3/3/2023	9	71	106	106
3/3/2023	10	76	120	120
3/3/2023	11	79	124	124
3/3/2023	12	78	124	124
3/3/2023	13	78	124	124
3/3/2023	14	83	135	135
3/3/2023	15	82	135	135
3/3/2023	16	81	135	135
3/3/2023	17	77	135	135
3/3/2023	18	79	135	135
3/3/2023	19	79	135	135
3/3/2023	20	77	135	135
3/3/2023	21	74	135	135
3/3/2023	22	70	110	110
3/3/2023	23	66	110	110
3/3/2023	24	62	110	110
3/4/2023	1	61	100	98
3/4/2023	2	59	100	98
3/4/2023	3	58	100	98
3/4/2023	4	57	100	98
3/4/2023	5	58	100	98
3/4/2023	6	60	100	98
3/4/2023	7	59	100	100
3/4/2023	8	62	100	100
3/4/2023	9	63	100	100
3/4/2023	10	67	100	100
3/4/2023	11	71	116	116
3/4/2023	12	71	116	116
3/4/2023	13	72	116	116
3/4/2023	14	74	110	110
3/4/2023	15	72	110	110
3/4/2023	16	70	110	110
3/4/2023	17	70	110	110
3/4/2023	18	76	124	124
3/4/2023	19	76	124	124
3/4/2023	20	74	124	124
3/4/2023	21	71	110	110
3/4/2023	22	68	110	110
3/4/2023	23	64	110	110
3/4/2023	24	57	110	110
3/5/2023	1	54	93	90
3/5/2023	2	52	97	97
3/5/2023	3	51	95	95
3/5/2023	4	51	92	89
3/5/2023	5	50	90	84
3/5/2023	6	52	95	95
3/5/2023	7	51	94	82
3/5/2023	8	51	94	81
3/5/2023	9	53	95	83
3/5/2023	10	56	100	100
3/5/2023	11	59	100	97
3/5/2023	12	60	100	100
3/5/2023	13	60	100	100
3/5/2023	14	62	100	100
3/5/2023	15	61	100	100
3/5/2023	16	60	100	100
3/5/2023	17	59	100	100
3/5/2023	18	67	100	100
3/5/2023	19	69	103	103
3/5/2023	20	67	100	100
3/5/2023	21	66	100	100

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/5/2023	22	62	100	100
3/5/2023	23	58	98	98
3/5/2023	24	56	98	98
3/6/2023	1	53	95	95
3/6/2023	2	51	95	95
3/6/2023	3	49	95	95
3/6/2023	4	50	95	95
3/6/2023	5	53	95	95
3/6/2023	6	57	95	95
3/6/2023	7	52	95	95
3/6/2023	8	58	95	95
3/6/2023	9	66	106	106
3/6/2023	10	72	110	110
3/6/2023	11	75	115	115
3/6/2023	12	73	110	110
3/6/2023	13	74	110	110
3/6/2023	14	77	115	115
3/6/2023	15	76	115	115
3/6/2023	16	74	115	115
3/6/2023	17	71	115	115
3/6/2023	18	74	115	115
3/6/2023	19	74	115	115
3/6/2023	20	71	115	115
3/6/2023	21	69	115	115
3/6/2023	22	65	98	98
3/6/2023	23	61	98	98
3/6/2023	24	57	98	98
3/7/2023	1	59	100	95
3/7/2023	2	57	100	95
3/7/2023	3	57	100	95
3/7/2023	4	56	100	95
3/7/2023	5	59	100	95
3/7/2023	6	63	100	98
3/7/2023	7	59	103	103
3/7/2023	8	63	103	103
3/7/2023	9	70	124	124
3/7/2023	10	78	135	135
3/7/2023	11	80	135	135
3/7/2023	12	78	135	135
3/7/2023	13	80	135	135
3/7/2023	14	83	135	135
3/7/2023	15	82	135	135
3/7/2023	16	82	135	135
3/7/2023	17	78	135	135
3/7/2023	18	79	135	135
3/7/2023	19	80	135	135
3/7/2023	20	78	135	135
3/7/2023	21	76	135	135
3/7/2023	22	71	135	135
3/7/2023	23	68	135	135
3/7/2023	24	64	135	135
3/8/2023	1	59	95	95
3/8/2023	2	57	95	95
3/8/2023	3	56	95	95
3/8/2023	4	56	95	95
3/8/2023	5	59	95	95
3/8/2023	6	64	100	98
3/8/2023	7	58	103	103
3/8/2023	8	62	103	103
3/8/2023	9	70	124	124
3/8/2023	10	76	135	135
3/8/2023	11	82	135	135
3/8/2023	12	78	135	135
3/8/2023	13	77	135	135
3/8/2023	14	78	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/8/2023	15	82	135	135
3/8/2023	16	80	135	135
3/8/2023	17	77	135	135
3/8/2023	18	79	135	135
3/8/2023	19	80	135	135
3/8/2023	20	78	135	135
3/8/2023	21	75	135	135
3/8/2023	22	72	120	120
3/8/2023	23	67	110	110
3/8/2023	24	63	110	110
3/9/2023	1	62	98	98
3/9/2023	2	61	100	98
3/9/2023	3	59	98	98
3/9/2023	4	59	98	98
3/9/2023	5	60	98	98
3/9/2023	6	62	98	98
3/9/2023	7	60	100	100
3/9/2023	8	63	100	100
3/9/2023	9	69	107	107
3/9/2023	10	76	124	124
3/9/2023	11	80	135	135
3/9/2023	12	79	135	135
3/9/2023	13	80	137	137
3/9/2023	14	82	137	137
3/9/2023	15	80	135	135
3/9/2023	16	79	135	135
3/9/2023	17	76	135	135
3/9/2023	18	78	135	135
3/9/2023	19	78	137	135
3/9/2023	20	78	137	135
3/9/2023	21	76	135	135
3/9/2023	22	72	124	124
3/9/2023	23	68	124	124
3/9/2023	24	64	124	124
3/10/2023	1	64	110	110
3/10/2023	2	61	100	100
3/10/2023	3	60	100	100
3/10/2023	4	60	100	100
3/10/2023	5	64	110	110
3/10/2023	6	66	115	115
3/10/2023	7	61	116	116
3/10/2023	8	68	116	116
3/10/2023	9	76	138	138
3/10/2023	10	80	138	138
3/10/2023	11	80	138	138
3/10/2023	12	78	138	138
3/10/2023	13	81	138	138
3/10/2023	14	84	138	138
3/10/2023	15	84	138	138
3/10/2023	16	83	138	138
3/10/2023	17	79	138	138
3/10/2023	18	81	138	138
3/10/2023	19	83	138	138
3/10/2023	20	77	138	138
3/10/2023	21	75	138	138
3/10/2023	22	70	126	126
3/10/2023	23	69	123	123
3/10/2023	24	61	110	110
3/11/2023	1	59	123	115
3/11/2023	2	57	123	115
3/11/2023	3	57	123	115
3/11/2023	4	56	123	115
3/11/2023	5	57	123	115
3/11/2023	6	59	123	115
3/11/2023	7	57	115	115

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/11/2023	8	60	123	115
3/11/2023	9	62	138	138
3/11/2023	10	66	138	138
3/11/2023	11	69	138	138
3/11/2023	12	69	138	138
3/11/2023	13	71	138	138
3/11/2023	14	71	138	138
3/11/2023	15	73	138	138
3/11/2023	16	72	138	138
3/11/2023	17	70	138	138
3/11/2023	18	74	138	138
3/11/2023	19	77	138	138
3/11/2023	20	74	138	138
3/11/2023	21	72	138	138
3/11/2023	22	68	135	135
3/11/2023	23	64	123	110
3/11/2023	24	60	123	110
3/12/2023	1	53	95	95
3/12/2023	2	51	95	95
3/12/2023	3	50	95	95
3/12/2023	4	49	95	95
3/12/2023	5	49	95	95
3/12/2023	6	51	95	95
3/12/2023	7	50	95	95
3/12/2023	8	50	95	95
3/12/2023	9	53	95	95
3/12/2023	10	56	110	110
3/12/2023	11	58	110	110
3/12/2023	12	60	110	110
3/12/2023	13	60	110	110
3/12/2023	14	62	110	110
3/12/2023	15	61	110	110
3/12/2023	16	61	110	110
3/12/2023	17	60	110	110
3/12/2023	18	66	110	110
3/12/2023	19	69	115	115
3/12/2023	20	67	110	110
3/12/2023	21	65	110	110
3/12/2023	22	62	110	110
3/12/2023	23	58	110	110
3/12/2023	24	56	110	110
3/13/2023	1	55	96	96
3/13/2023	2	53	91	86
3/13/2023	3	52	91	86
3/13/2023	4	51	89	86
3/13/2023	5	54	99	98
3/13/2023	6	58	100	98
3/13/2023	7	52	95	87
3/13/2023	8	58	100	100
3/13/2023	9	66	138	138
3/13/2023	10	72	138	138
3/13/2023	11	75	138	138
3/13/2023	12	74	138	138
3/13/2023	13	76	138	138
3/13/2023	14	80	138	138
3/13/2023	15	78	138	138
3/13/2023	16	78	138	138
3/13/2023	17	72	138	138
3/13/2023	18	75	138	138
3/13/2023	19	76	138	138
3/13/2023	20	74	138	138
3/13/2023	21	72	135	135
3/13/2023	22	67	135	135
3/13/2023	23	63	116	114
3/13/2023	24	59	108	100

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/14/2023	1	59	110	110
3/14/2023	2	57	110	110
3/14/2023	3	57	110	110
3/14/2023	4	56	110	110
3/14/2023	5	59	110	110
3/14/2023	6	63	110	110
3/14/2023	7	59	110	110
3/14/2023	8	63	110	110
3/14/2023	9	70	118	118
3/14/2023	10	78	135	135
3/14/2023	11	80	135	135
3/14/2023	12	78	135	135
3/14/2023	13	80	135	135
3/14/2023	14	83	135	135
3/14/2023	15	82	135	135
3/14/2023	16	82	135	135
3/14/2023	17	78	135	135
3/14/2023	18	79	135	135
3/14/2023	19	80	135	135
3/14/2023	20	78	135	135
3/14/2023	21	76	135	135
3/14/2023	22	71	110	110
3/14/2023	23	68	110	110
3/14/2023	24	62	110	110
3/15/2023	1	58	110	110
3/15/2023	2	56	110	110
3/15/2023	3	55	110	110
3/15/2023	4	55	110	110
3/15/2023	5	57	110	110
3/15/2023	6	61	110	110
3/15/2023	7	56	118	118
3/15/2023	8	61	118	118
3/15/2023	9	70	118	118
3/15/2023	10	75	130	130
3/15/2023	11	76	130	130
3/15/2023	12	76	130	130
3/15/2023	13	77	132	132
3/15/2023	14	81	138	138
3/15/2023	15	80	138	138
3/15/2023	16	78	138	136
3/15/2023	17	74	138	138
3/15/2023	18	76	138	138
3/15/2023	19	77	135	135
3/15/2023	20	74	135	135
3/15/2023	21	72	135	135
3/15/2023	22	68	125	125
3/15/2023	23	64	125	125
3/15/2023	24	61	125	125
3/16/2023	1	61	100	100
3/16/2023	2	60	100	100
3/16/2023	3	57	100	100
3/16/2023	4	57	100	100
3/16/2023	5	62	100	100
3/16/2023	6	68	100	100
3/16/2023	7	61	100	100
3/16/2023	8	65	100	100
3/16/2023	9	74	110	110
3/16/2023	10	78	115	115
3/16/2023	11	80	118	118
3/16/2023	12	79	118	118
3/16/2023	13	80	118	118
3/16/2023	14	84	125	125
3/16/2023	15	83	120	120
3/16/2023	16	81	115	115
3/16/2023	17	78	110	110

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/16/2023	18	81	110	110
3/16/2023	19	81	110	110
3/16/2023	20	78	110	110
3/16/2023	21	77	110	110
3/16/2023	22	72	100	95
3/16/2023	23	67	100	90
3/16/2023	24	62	100	90
3/17/2023	1	61	100	100
3/17/2023	2	59	100	100
3/17/2023	3	57	100	100
3/17/2023	4	56	100	100
3/17/2023	5	57	100	100
3/17/2023	6	62	100	100
3/17/2023	7	59	100	100
3/17/2023	8	64	110	110
3/17/2023	9	73	118	118
3/17/2023	10	77	130	130
3/17/2023	11	80	130	130
3/17/2023	12	80	130	130
3/17/2023	13	81	130	130
3/17/2023	14	85	138	138
3/17/2023	15	81	130	130
3/17/2023	16	83	130	130
3/17/2023	17	77	120	120
3/17/2023	18	77	120	120
3/17/2023	19	79	120	120
3/17/2023	20	77	120	120
3/17/2023	21	72	120	120
3/17/2023	22	70	100	100
3/17/2023	23	67	100	100
3/17/2023	24	61	100	100
3/18/2023	1	62	100	100
3/18/2023	2	60	100	100
3/18/2023	3	58	100	100
3/18/2023	4	57	100	100
3/18/2023	5	58	100	100
3/18/2023	6	60	100	100
3/18/2023	7	59	107	107
3/18/2023	8	63	107	107
3/18/2023	9	68	107	107
3/18/2023	10	74	110	110
3/18/2023	11	77	110	110
3/18/2023	12	76	110	110
3/18/2023	13	77	110	110
3/18/2023	14	80	115	115
3/18/2023	15	80	115	115
3/18/2023	16	79	115	115
3/18/2023	17	75	115	115
3/18/2023	18	78	115	115
3/18/2023	19	80	120	120
3/18/2023	20	78	118	118
3/18/2023	21	77	118	118
3/18/2023	22	72	118	118
3/18/2023	23	69	118	118
3/18/2023	24	63	118	118
3/19/2023	1	56	87	80
3/19/2023	2	55	80	80
3/19/2023	3	53	80	80
3/19/2023	4	52	80	80
3/19/2023	5	53	80	80
3/19/2023	6	55	80	80
3/19/2023	7	54	80	80
3/19/2023	8	54	80	80
3/19/2023	9	56	80	80
3/19/2023	10	60	95	87

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/19/2023	11	62	95	95
3/19/2023	12	63	95	95
3/19/2023	13	63	95	95
3/19/2023	14	64	95	95
3/19/2023	15	64	95	95
3/19/2023	16	62	95	95
3/19/2023	17	62	93	93
3/19/2023	18	68	108	98
3/19/2023	19	71	108	98
3/19/2023	20	70	108	98
3/19/2023	21	68	108	98
3/19/2023	22	64	108	98
3/19/2023	23	61	106	95
3/19/2023	24	58	95	90
3/20/2023	1	55	91	91
3/20/2023	2	54	91	91
3/20/2023	3	52	91	91
3/20/2023	4	52	91	91
3/20/2023	5	55	91	91
3/20/2023	6	60	91	91
3/20/2023	7	54	91	91
3/20/2023	8	59	91	91
3/20/2023	9	68	91	91
3/20/2023	10	73	108	108
3/20/2023	11	76	110	110
3/20/2023	12	76	110	110
3/20/2023	13	76	110	110
3/20/2023	14	80	116	116
3/20/2023	15	78	115	115
3/20/2023	16	76	115	115
3/20/2023	17	73	100	100
3/20/2023	18	74	100	100
3/20/2023	19	75	104	104
3/20/2023	20	72	100	100
3/20/2023	21	70	100	100
3/20/2023	22	66	95	95
3/20/2023	23	62	95	95
3/20/2023	24	58	95	95
3/21/2023	1	63	98	98
3/21/2023	2	62	98	98
3/21/2023	3	61	98	98
3/21/2023	4	61	98	98
3/21/2023	5	64	98	98
3/21/2023	6	69	98	98
3/21/2023	7	63	100	100
3/21/2023	8	68	120	120
3/21/2023	9	75	125	125
3/21/2023	10	80	130	130
3/21/2023	11	83	130	130
3/21/2023	12	81	130	130
3/21/2023	13	81	130	130
3/21/2023	14	85	135	135
3/21/2023	15	81	130	130
3/21/2023	16	81	130	130
3/21/2023	17	77	130	130
3/21/2023	18	81	130	130
3/21/2023	19	81	130	130
3/21/2023	20	79	130	130
3/21/2023	21	77	130	130
3/21/2023	22	71	110	110
3/21/2023	23	68	110	110
3/21/2023	24	63	110	110
3/22/2023	1	63	98	98
3/22/2023	2	60	98	98
3/22/2023	3	59	98	98

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/22/2023	4	59	98	98
3/22/2023	5	62	98	98
3/22/2023	6	67	98	98
3/22/2023	7	60	100	100
3/22/2023	8	67	100	100
3/22/2023	9	75	110	110
3/22/2023	10	80	123	123
3/22/2023	11	83	130	130
3/22/2023	12	82	130	130
3/22/2023	13	83	130	130
3/22/2023	14	87	138	138
3/22/2023	15	86	138	138
3/22/2023	16	85	138	138
3/22/2023	17	80	130	130
3/22/2023	18	83	131	131
3/22/2023	19	81	130	130
3/22/2023	20	81	130	130
3/22/2023	21	77	127	127
3/22/2023	22	74	115	115
3/22/2023	23	70	101	101
3/22/2023	24	68	100	100
3/23/2023	1	65	98	98
3/23/2023	2	63	98	98
3/23/2023	3	61	98	98
3/23/2023	4	61	98	98
3/23/2023	5	64	98	98
3/23/2023	6	65	100	98
3/23/2023	7	59	100	100
3/23/2023	8	67	100	100
3/23/2023	9	75	115	115
3/23/2023	10	79	132	132
3/23/2023	11	82	138	138
3/23/2023	12	81	138	138
3/23/2023	13	82	138	138
3/23/2023	14	87	138	138
3/23/2023	15	85	138	138
3/23/2023	16	84	138	138
3/23/2023	17	79	138	138
3/23/2023	18	81	138	138
3/23/2023	19	82	138	138
3/23/2023	20	80	138	138
3/23/2023	21	77	130	130
3/23/2023	22	72	115	115
3/23/2023	23	69	115	115
3/23/2023	24	66	115	115
3/24/2023	1	63	98	98
3/24/2023	2	61	98	98
3/24/2023	3	60	98	98
3/24/2023	4	59	98	98
3/24/2023	5	61	98	98
3/24/2023	6	66	110	110
3/24/2023	7	60	110	110
3/24/2023	8	68	123	123
3/24/2023	9	76	135	135
3/24/2023	10	81	138	138
3/24/2023	11	83	138	138
3/24/2023	12	82	138	138
3/24/2023	13	84	138	138
3/24/2023	14	87	138	138
3/24/2023	15	86	138	138
3/24/2023	16	85	138	138
3/24/2023	17	79	138	138
3/24/2023	18	81	138	138
3/24/2023	19	83	138	138
3/24/2023	20	80	138	138

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/24/2023	21	77	138	138
3/24/2023	22	73	132	132
3/24/2023	23	68	123	123
3/24/2023	24	66	123	123
3/25/2023	1	62	100	100
3/25/2023	2	60	100	100
3/25/2023	3	58	100	100
3/25/2023	4	57	100	100
3/25/2023	5	58	100	100
3/25/2023	6	60	100	100
3/25/2023	7	59	100	100
3/25/2023	8	63	115	115
3/25/2023	9	68	123	115
3/25/2023	10	74	138	138
3/25/2023	11	77	138	138
3/25/2023	12	76	138	138
3/25/2023	13	77	138	138
3/25/2023	14	77	138	138
3/25/2023	15	80	138	138
3/25/2023	16	79	138	138
3/25/2023	17	75	138	138
3/25/2023	18	78	138	138
3/25/2023	19	78	138	138
3/25/2023	20	78	138	138
3/25/2023	21	77	138	138
3/25/2023	22	72	137	135
3/25/2023	23	67	137	118
3/25/2023	24	60	137	106
3/26/2023	1	56	90	90
3/26/2023	2	54	90	90
3/26/2023	3	53	90	90
3/26/2023	4	52	90	90
3/26/2023	5	53	90	90
3/26/2023	6	54	90	90
3/26/2023	7	53	90	90
3/26/2023	8	54	90	90
3/26/2023	9	56	90	81
3/26/2023	10	59	100	100
3/26/2023	11	62	100	100
3/26/2023	12	63	100	100
3/26/2023	13	65	96	96
3/26/2023	14	67	100	100
3/26/2023	15	66	100	100
3/26/2023	16	65	100	100
3/26/2023	17	63	100	100
3/26/2023	18	69	110	110
3/26/2023	19	72	120	120
3/26/2023	20	71	120	120
3/26/2023	21	68	110	110
3/26/2023	22	65	103	103
3/26/2023	23	61	100	100
3/26/2023	24	57	100	100
3/27/2023	1	55	100	89
3/27/2023	2	53	100	96
3/27/2023	3	52	100	86
3/27/2023	4	52	80	80
3/27/2023	5	54	95	90
3/27/2023	6	59	100	100
3/27/2023	7	54	100	88
3/27/2023	8	60	115	100
3/27/2023	9	69	123	115
3/27/2023	10	76	138	138
3/27/2023	11	77	138	138
3/27/2023	12	76	138	138
3/27/2023	13	78	138	138

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/27/2023	14	82	138	138
3/27/2023	15	80	138	138
3/27/2023	16	78	138	138
3/27/2023	17	75	138	138
3/27/2023	18	77	138	138
3/27/2023	19	78	138	138
3/27/2023	20	76	138	138
3/27/2023	21	75	138	138
3/27/2023	22	71	137	135
3/27/2023	23	67	137	118
3/27/2023	24	62	137	110
3/28/2023	1	62	100	100
3/28/2023	2	62	100	100
3/28/2023	3	60	100	100
3/28/2023	4	59	100	100
3/28/2023	5	61	100	100
3/28/2023	6	68	123	119
3/28/2023	7	61	100	100
3/28/2023	8	67	115	115
3/28/2023	9	75	138	138
3/28/2023	10	82	138	138
3/28/2023	11	85	138	138
3/28/2023	12	83	138	138
3/28/2023	13	83	138	138
3/28/2023	14	86	138	138
3/28/2023	15	85	138	138
3/28/2023	16	83	137	135
3/28/2023	17	82	137	135
3/28/2023	18	81	137	135
3/28/2023	19	81	138	138
3/28/2023	20	75	138	138
3/28/2023	21	75	138	138
3/28/2023	22	69	115	115
3/28/2023	23	69	115	115
3/28/2023	24	67	115	115
3/29/2023	1	64	100	100
3/29/2023	2	62	100	100
3/29/2023	3	59	100	100
3/29/2023	4	58	100	100
3/29/2023	5	61	100	100
3/29/2023	6	66	100	100
3/29/2023	7	59	100	100
3/29/2023	8	68	115	115
3/29/2023	9	76	138	138
3/29/2023	10	82	138	138
3/29/2023	11	84	138	138
3/29/2023	12	83	138	138
3/29/2023	13	85	138	138
3/29/2023	14	86	138	138
3/29/2023	15	85	138	138
3/29/2023	16	84	137	135
3/29/2023	17	78	123	123
3/29/2023	18	82	137	135
3/29/2023	19	80	138	138
3/29/2023	20	80	138	138
3/29/2023	21	77	138	138
3/29/2023	22	73	131	130
3/29/2023	23	69	120	120
3/29/2023	24	65	110	110
3/30/2023	1	63	100	100
3/30/2023	2	61	100	100
3/30/2023	3	60	100	100
3/30/2023	4	59	100	100
3/30/2023	5	62	100	100
3/30/2023	6	64	100	100

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
3/30/2023	7	59	100	100
3/30/2023	8	66	100	100
3/30/2023	9	76	115	115
3/30/2023	10	82	135	135
3/30/2023	11	85	135	135
3/30/2023	12	84	135	135
3/30/2023	13	86	135	135
3/30/2023	14	89	135	135
3/30/2023	15	88	135	135
3/30/2023	16	87	135	135
3/30/2023	17	83	135	135
3/30/2023	18	84	135	135
3/30/2023	19	84	135	135
3/30/2023	20	82	135	135
3/30/2023	21	82	135	135
3/30/2023	22	77	115	115
3/30/2023	23	73	112	112
3/30/2023	24	67	100	100
3/31/2023	1	65	100	100
3/31/2023	2	63	100	100
3/31/2023	3	62	100	100
3/31/2023	4	60	100	100
3/31/2023	5	62	100	100
3/31/2023	6	65	100	100
3/31/2023	7	61	100	100
3/31/2023	8	67	100	100
3/31/2023	9	76	103	103
3/31/2023	10	82	123	123
3/31/2023	11	85	130	130
3/31/2023	12	84	130	130
3/31/2023	13	86	135	135
3/31/2023	14	90	138	138
3/31/2023	15	89	138	138
3/31/2023	16	87	138	138
3/31/2023	17	82	130	130
3/31/2023	18	82	130	130
3/31/2023	19	83	131	131
3/31/2023	20	80	130	130
3/31/2023	21	79	130	130
3/31/2023	22	74	110	110
3/31/2023	23	69	100	100
3/31/2023	24	68	100	100
4/1/2023	1	63	100	100
4/1/2023	2	63	100	100
4/1/2023	3	63	100	100
4/1/2023	4	61	100	100
4/1/2023	5	62	100	100
4/1/2023	6	62	100	100
4/1/2023	7	59	100	100
4/1/2023	8	63	100	100
4/1/2023	9	69	100	100
4/1/2023	10	74	115	115
4/1/2023	11	76	115	115
4/1/2023	12	76	115	115
4/1/2023	13	79	120	120
4/1/2023	14	81	120	120
4/1/2023	15	82	122	122
4/1/2023	16	81	120	120
4/1/2023	17	78	120	120
4/1/2023	18	81	122	122
4/1/2023	19	74	115	115
4/1/2023	20	83	132	132
4/1/2023	21	80	123	123
4/1/2023	22	76	120	120
4/1/2023	23	72	105	105

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/1/2023	24	68	100	100
4/2/2023	1	56	98	98
4/2/2023	2	55	98	98
4/2/2023	3	54	87	87
4/2/2023	4	52	75	75
4/2/2023	5	53	75	75
4/2/2023	6	54	75	75
4/2/2023	7	53	73	73
4/2/2023	8	54	75	75
4/2/2023	9	56	83	83
4/2/2023	10	59	95	91
4/2/2023	11	62	100	97
4/2/2023	12	63	100	99
4/2/2023	13	65	100	95
4/2/2023	14	66	100	97
4/2/2023	15	66	100	96
4/2/2023	16	65	100	95
4/2/2023	17	63	100	95
4/2/2023	18	69	100	100
4/2/2023	19	71	100	100
4/2/2023	20	70	100	100
4/2/2023	21	68	100	100
4/2/2023	22	65	100	100
4/2/2023	23	61	100	100
4/2/2023	24	58	100	100
4/3/2023	1	58	100	100
4/3/2023	2	57	100	100
4/3/2023	3	55	100	100
4/3/2023	4	54	100	100
4/3/2023	5	57	100	100
4/3/2023	6	60	100	100
4/3/2023	7	56	100	100
4/3/2023	8	62	100	100
4/3/2023	9	70	100	100
4/3/2023	10	76	110	110
4/3/2023	11	79	110	110
4/3/2023	12	78	110	110
4/3/2023	13	79	110	110
4/3/2023	14	82	120	120
4/3/2023	15	81	120	120
4/3/2023	16	79	120	120
4/3/2023	17	75	108	108
4/3/2023	18	77	110	110
4/3/2023	19	77	110	110
4/3/2023	20	74	101	101
4/3/2023	21	72	100	100
4/3/2023	22	68	100	100
4/3/2023	23	65	100	100
4/3/2023	24	61	100	100
4/4/2023	1	65	100	100
4/4/2023	2	63	100	100
4/4/2023	3	63	100	100
4/4/2023	4	62	100	100
4/4/2023	5	64	100	100
4/4/2023	6	66	100	100
4/4/2023	7	61	100	100
4/4/2023	8	69	100	100
4/4/2023	9	77	106	106
4/4/2023	10	85	130	130
4/4/2023	11	82	130	130
4/4/2023	12	85	130	130
4/4/2023	13	84	130	130
4/4/2023	14	84	130	120
4/4/2023	15	81	130	120
4/4/2023	16	80	130	120

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/4/2023	17	78	120	120
4/4/2023	18	79	120	120
4/4/2023	19	78	120	120
4/4/2023	20	76	115	115
4/4/2023	21	74	115	115
4/4/2023	22	70	135	123
4/4/2023	23	67	121	117
4/4/2023	24	62	116	96
4/5/2023	1	60	90	90
4/5/2023	2	59	90	90
4/5/2023	3	57	90	90
4/5/2023	4	55	90	82
4/5/2023	5	58	90	90
4/5/2023	6	60	90	90
4/5/2023	7	56	81	80
4/5/2023	8	62	90	90
4/5/2023	9	70	90	90
4/5/2023	10	74	100	100
4/5/2023	11	78	100	100
4/5/2023	12	78	100	100
4/5/2023	13	79	105	105
4/5/2023	14	80	110	110
4/5/2023	15	78	100	100
4/5/2023	16	78	103	103
4/5/2023	17	74	100	100
4/5/2023	18	77	100	100
4/5/2023	19	74	100	100
4/5/2023	20	74	100	100
4/5/2023	21	71	100	100
4/5/2023	22	68	100	100
4/5/2023	23	64	100	100
4/5/2023	24	63	100	100
4/6/2023	1	53	102	91
4/6/2023	2	52	103	82
4/6/2023	3	51	83	83
4/6/2023	4	50	80	66
4/6/2023	5	51	80	68
4/6/2023	6	51	80	68
4/6/2023	7	50	66	66
4/6/2023	8	52	80	67
4/6/2023	9	56	89	80
4/6/2023	10	58	92	87
4/6/2023	11	61	92	91
4/6/2023	12	61	92	91
4/6/2023	13	61	93	92
4/6/2023	14	62	95	92
4/6/2023	15	62	93	92
4/6/2023	16	61	92	91
4/6/2023	17	60	92	88
4/6/2023	18	66	116	111
4/6/2023	19	66	107	95
4/6/2023	20	65	99	94
4/6/2023	21	65	97	96
4/6/2023	22	61	95	92
4/6/2023	23	57	92	90
4/6/2023	24	54	92	86
4/7/2023	1	50	65	65
4/7/2023	2	49	60	60
4/7/2023	3	47	60	60
4/7/2023	4	47	60	60
4/7/2023	5	46	60	60
4/7/2023	6	46	60	60
4/7/2023	7	46	60	60
4/7/2023	8	46	60	60
4/7/2023	9	47	60	60

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/7/2023	10	49	60	60
4/7/2023	11	50	60	60
4/7/2023	12	51	60	60
4/7/2023	13	52	60	60
4/7/2023	14	54	63	60
4/7/2023	15	53	60	60
4/7/2023	16	52	60	60
4/7/2023	17	52	60	60
4/7/2023	18	58	96	80
4/7/2023	19	62	87	87
4/7/2023	20	61	87	87
4/7/2023	21	61	87	87
4/7/2023	22	58	87	87
4/7/2023	23	56	87	87
4/7/2023	24	52	87	86
4/8/2023	1	49	60	60
4/8/2023	2	48	60	60
4/8/2023	3	46	60	60
4/8/2023	4	45	60	60
4/8/2023	5	46	60	60
4/8/2023	6	46	60	60
4/8/2023	7	48	60	60
4/8/2023	8	52	60	60
4/8/2023	9	55	75	75
4/8/2023	10	60	80	80
4/8/2023	11	64	84	84
4/8/2023	12	65	90	90
4/8/2023	13	66	90	90
4/8/2023	14	67	90	90
4/8/2023	15	66	90	90
4/8/2023	16	65	90	90
4/8/2023	17	64	90	90
4/8/2023	18	68	90	90
4/8/2023	19	70	90	90
4/8/2023	20	68	90	90
4/8/2023	21	67	90	90
4/8/2023	22	64	90	90
4/8/2023	23	62	90	90
4/8/2023	24	57	90	90
4/9/2023	1	55	80	80
4/9/2023	2	53	73	73
4/9/2023	3	53	66	66
4/9/2023	4	52	65	65
4/9/2023	5	50	60	60
4/9/2023	6	51	60	60
4/9/2023	7	51	60	60
4/9/2023	8	53	60	60
4/9/2023	9	57	80	80
4/9/2023	10	62	90	90
4/9/2023	11	64	90	90
4/9/2023	12	65	90	90
4/9/2023	13	66	90	90
4/9/2023	14	67	90	90
4/9/2023	15	65	90	90
4/9/2023	16	63	90	90
4/9/2023	17	64	90	90
4/9/2023	18	68	90	90
4/9/2023	19	71	91	91
4/9/2023	20	69	90	90
4/9/2023	21	68	100	100
4/9/2023	22	65	100	100
4/9/2023	23	61	99	99
4/9/2023	24	58	90	90
4/10/2023	1	57	90	90
4/10/2023	2	56	79	79

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/10/2023	3	55	79	79
4/10/2023	4	53	64	64
4/10/2023	5	53	60	60
4/10/2023	6	54	68	68
4/10/2023	7	53	60	60
4/10/2023	8	53	60	60
4/10/2023	9	58	75	75
4/10/2023	10	62	80	80
4/10/2023	11	63	80	80
4/10/2023	12	64	90	90
4/10/2023	13	66	90	90
4/10/2023	14	67	90	90
4/10/2023	15	66	90	90
4/10/2023	16	66	90	90
4/10/2023	17	64	90	90
4/10/2023	18	71	90	90
4/10/2023	19	74	100	100
4/10/2023	20	71	100	100
4/10/2023	21	69	92	92
4/10/2023	22	66	100	100
4/10/2023	23	62	90	90
4/10/2023	24	59	90	90
4/11/2023	1	55	80	80
4/11/2023	2	54	80	80
4/11/2023	3	53	78	77
4/11/2023	4	53	74	74
4/11/2023	5	54	82	82
4/11/2023	6	59	90	90
4/11/2023	7	55	80	80
4/11/2023	8	61	90	90
4/11/2023	9	69	110	110
4/11/2023	10	76	120	120
4/11/2023	11	79	120	120
4/11/2023	12	74	120	120
4/11/2023	13	78	120	120
4/11/2023	14	80	120	120
4/11/2023	15	79	120	120
4/11/2023	16	78	120	120
4/11/2023	17	75	120	120
4/11/2023	18	76	120	120
4/11/2023	19	77	120	120
4/11/2023	20	74	120	120
4/11/2023	21	72	120	120
4/11/2023	22	68	100	100
4/11/2023	23	64	100	100
4/11/2023	24	60	100	100
4/12/2023	1	65	100	100
4/12/2023	2	64	100	100
4/12/2023	3	64	100	100
4/12/2023	4	62	100	100
4/12/2023	5	64	100	100
4/12/2023	6	66	100	100
4/12/2023	7	61	100	90
4/12/2023	8	70	100	100
4/12/2023	9	77	110	110
4/12/2023	10	82	120	120
4/12/2023	11	85	127	127
4/12/2023	12	84	130	130
4/12/2023	13	85	130	130
4/12/2023	14	84	130	130
4/12/2023	15	81	120	120
4/12/2023	16	80	120	120
4/12/2023	17	79	120	120
4/12/2023	18	79	120	120
4/12/2023	19	78	110	110

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/12/2023	20	75	110	110
4/12/2023	21	74	110	110
4/12/2023	22	70	100	100
4/12/2023	23	67	100	100
4/12/2023	24	65	100	100
4/13/2023	1	66	100	100
4/13/2023	2	64	100	100
4/13/2023	3	64	100	100
4/13/2023	4	62	100	100
4/13/2023	5	64	100	100
4/13/2023	6	66	100	100
4/13/2023	7	62	100	100
4/13/2023	8	70	100	100
4/13/2023	9	77	110	110
4/13/2023	10	82	127	125
4/13/2023	11	85	138	138
4/13/2023	12	84	135	135
4/13/2023	13	85	135	135
4/13/2023	14	84	135	135
4/13/2023	15	81	124	124
4/13/2023	16	80	124	123
4/13/2023	17	77	120	118
4/13/2023	18	79	120	120
4/13/2023	19	78	120	120
4/13/2023	20	75	110	110
4/13/2023	21	74	105	105
4/13/2023	22	70	100	100
4/13/2023	23	67	100	100
4/13/2023	24	64	90	90
4/14/2023	1	66	100	100
4/14/2023	2	64	100	100
4/14/2023	3	63	100	100
4/14/2023	4	62	100	100
4/14/2023	5	66	100	100
4/14/2023	6	66	100	100
4/14/2023	7	61	100	100
4/14/2023	8	69	110	110
4/14/2023	9	78	123	123
4/14/2023	10	84	138	138
4/14/2023	11	87	138	138
4/14/2023	12	86	138	138
4/14/2023	13	88	138	138
4/14/2023	14	91	138	138
4/14/2023	15	90	138	138
4/14/2023	16	88	138	138
4/14/2023	17	85	138	138
4/14/2023	18	86	138	138
4/14/2023	19	85	138	138
4/14/2023	20	83	138	138
4/14/2023	21	81	138	138
4/14/2023	22	77	122	122
4/14/2023	23	72	110	110
4/14/2023	24	67	100	100
4/15/2023	1	67	100	100
4/15/2023	2	65	100	100
4/15/2023	3	63	100	100
4/15/2023	4	63	100	100
4/15/2023	5	59	100	100
4/15/2023	6	63	100	100
4/15/2023	7	61	100	100
4/15/2023	8	66	100	100
4/15/2023	9	72	101	101
4/15/2023	10	75	120	120
4/15/2023	11	79	124	124
4/15/2023	12	81	128	128

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/15/2023	13	82	137	137
4/15/2023	14	84	138	138
4/15/2023	15	84	138	138
4/15/2023	16	83	138	138
4/15/2023	17	83	138	138
4/15/2023	18	85	138	138
4/15/2023	19	85	138	138
4/15/2023	20	82	138	138
4/15/2023	21	82	138	138
4/15/2023	22	76	121	121
4/15/2023	23	72	109	109
4/15/2023	24	70	105	104
4/16/2023	1	57	100	100
4/16/2023	2	55	90	90
4/16/2023	3	54	90	90
4/16/2023	4	53	90	90
4/16/2023	5	53	90	90
4/16/2023	6	54	90	90
4/16/2023	7	53	90	90
4/16/2023	8	54	90	90
4/16/2023	9	57	90	90
4/16/2023	10	61	100	100
4/16/2023	11	63	100	100
4/16/2023	12	64	100	100
4/16/2023	13	65	100	100
4/16/2023	14	67	100	100
4/16/2023	15	66	100	100
4/16/2023	16	64	100	100
4/16/2023	17	63	100	100
4/16/2023	18	70	110	110
4/16/2023	19	73	110	110
4/16/2023	20	71	105	105
4/16/2023	21	69	100	100
4/16/2023	22	65	100	100
4/16/2023	23	62	90	90
4/16/2023	24	59	90	90
4/17/2023	1	59	100	100
4/17/2023	2	57	100	100
4/17/2023	3	56	100	100
4/17/2023	4	55	100	100
4/17/2023	5	57	100	100
4/17/2023	6	60	100	100
4/17/2023	7	55	100	100
4/17/2023	8	62	128	128
4/17/2023	9	70	122	122
4/17/2023	10	77	127	127
4/17/2023	11	80	136	134
4/17/2023	12	78	133	131
4/17/2023	13	80	135	135
4/17/2023	14	83	138	138
4/17/2023	15	82	138	138
4/17/2023	16	81	137	137
4/17/2023	17	77	134	129
4/17/2023	18	78	134	134
4/17/2023	19	79	136	135
4/17/2023	20	78	136	135
4/17/2023	21	75	136	134
4/17/2023	22	71	132	132
4/17/2023	23	67	135	135
4/17/2023	24	64	135	135
4/18/2023	1	64	100	100
4/18/2023	2	63	100	100
4/18/2023	3	62	100	100
4/18/2023	4	60	100	100
4/18/2023	5	62	100	100

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/18/2023	6	66	100	100
4/18/2023	7	61	100	100
4/18/2023	8	67	100	100
4/18/2023	9	77	127	127
4/18/2023	10	81	127	127
4/18/2023	11	85	134	134
4/18/2023	12	83	131	131
4/18/2023	13	85	135	135
4/18/2023	14	87	134	134
4/18/2023	15	86	135	135
4/18/2023	16	86	135	135
4/18/2023	17	82	127	127
4/18/2023	18	84	135	135
4/18/2023	19	84	135	135
4/18/2023	20	82	136	135
4/18/2023	21	80	134	134
4/18/2023	22	76	132	132
4/18/2023	23	71	135	135
4/18/2023	24	67	111	102
4/19/2023	1	66	100	100
4/19/2023	2	64	100	100
4/19/2023	3	64	100	100
4/19/2023	4	62	100	100
4/19/2023	5	64	102	101
4/19/2023	6	67	106	102
4/19/2023	7	62	97	97
4/19/2023	8	70	105	105
4/19/2023	9	77	117	115
4/19/2023	10	82	117	115
4/19/2023	11	85	123	123
4/19/2023	12	84	123	123
4/19/2023	13	85	123	123
4/19/2023	14	84	123	123
4/19/2023	15	81	123	123
4/19/2023	16	80	123	123
4/19/2023	17	80	123	123
4/19/2023	18	80	123	123
4/19/2023	19	78	123	123
4/19/2023	20	76	123	111
4/19/2023	21	75	123	100
4/19/2023	22	71	123	100
4/19/2023	23	67	123	100
4/19/2023	24	65	111	99
4/20/2023	1	68	100	100
4/20/2023	2	66	100	100
4/20/2023	3	65	100	100
4/20/2023	4	64	100	100
4/20/2023	5	66	100	100
4/20/2023	6	67	100	100
4/20/2023	7	63	90	90
4/20/2023	8	71	106	100
4/20/2023	9	81	125	121
4/20/2023	10	86	129	127
4/20/2023	11	89	138	138
4/20/2023	12	89	138	138
4/20/2023	13	89	138	138
4/20/2023	14	92	138	138
4/20/2023	15	90	138	138
4/20/2023	16	91	138	138
4/20/2023	17	87	138	138
4/20/2023	18	88	138	138
4/20/2023	19	87	138	138
4/20/2023	20	85	138	138
4/20/2023	21	84	138	138
4/20/2023	22	79	137	123

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/20/2023	23	75	137	118
4/20/2023	24	63	100	91
4/21/2023	1	64	80	80
4/21/2023	2	61	80	80
4/21/2023	3	60	80	80
4/21/2023	4	60	80	80
4/21/2023	5	60	80	80
4/21/2023	6	61	83	83
4/21/2023	7	58	80	80
4/21/2023	8	63	80	80
4/21/2023	9	71	110	110
4/21/2023	10	76	110	110
4/21/2023	11	80	110	110
4/21/2023	12	80	125	124
4/21/2023	13	81	130	130
4/21/2023	14	83	130	130
4/21/2023	15	82	130	130
4/21/2023	16	80	130	130
4/21/2023	17	77	130	130
4/21/2023	18	79	130	130
4/21/2023	19	81	130	130
4/21/2023	20	77	127	126
4/21/2023	21	74	126	123
4/21/2023	22	70	125	118
4/21/2023	23	67	115	100
4/21/2023	24	64	115	100
4/22/2023	1	63	80	80
4/22/2023	2	62	80	80
4/22/2023	3	61	80	80
4/22/2023	4	60	80	80
4/22/2023	5	60	80	80
4/22/2023	6	60	83	83
4/22/2023	7	57	80	80
4/22/2023	8	62	80	80
4/22/2023	9	70	110	110
4/22/2023	10	74	110	110
4/22/2023	11	78	110	110
4/22/2023	12	80	130	130
4/22/2023	13	80	130	130
4/22/2023	14	82	130	130
4/22/2023	15	81	130	130
4/22/2023	16	79	130	130
4/22/2023	17	76	130	130
4/22/2023	18	79	130	130
4/22/2023	19	80	130	130
4/22/2023	20	77	127	126
4/22/2023	21	74	126	123
4/22/2023	22	71	125	118
4/22/2023	23	68	115	100
4/22/2023	24	64	115	100
4/23/2023	1	62	80	80
4/23/2023	2	60	80	80
4/23/2023	3	58	80	80
4/23/2023	4	56	80	80
4/23/2023	5	56	80	80
4/23/2023	6	54	75	75
4/23/2023	7	55	80	79
4/23/2023	8	56	80	80
4/23/2023	9	59	94	93
4/23/2023	10	64	100	100
4/23/2023	11	67	100	100
4/23/2023	12	70	100	100
4/23/2023	13	70	100	100
4/23/2023	14	71	100	100
4/23/2023	15	71	100	100

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/23/2023	16	70	100	100
4/23/2023	17	69	100	100
4/23/2023	18	72	100	100
4/23/2023	19	75	100	100
4/23/2023	20	74	100	100
4/23/2023	21	72	100	100
4/23/2023	22	69	100	100
4/23/2023	23	66	100	100
4/23/2023	24	63	100	88
4/24/2023	1	58	80	80
4/24/2023	2	57	80	80
4/24/2023	3	56	80	80
4/24/2023	4	56	80	80
4/24/2023	5	58	80	80
4/24/2023	6	60	83	80
4/24/2023	7	56	80	74
4/24/2023	8	63	91	80
4/24/2023	9	73	112	104
4/24/2023	10	77	126	112
4/24/2023	11	81	130	126
4/24/2023	12	80	130	126
4/24/2023	13	83	130	125
4/24/2023	14	86	130	130
4/24/2023	15	84	130	130
4/24/2023	16	81	130	125
4/24/2023	17	78	130	126
4/24/2023	18	79	130	123
4/24/2023	19	81	123	123
4/24/2023	20	79	123	123
4/24/2023	21	76	123	112
4/24/2023	22	72	100	100
4/24/2023	23	67	100	100
4/24/2023	24	65	100	100
4/25/2023	1	68	110	110
4/25/2023	2	66	110	110
4/25/2023	3	65	110	110
4/25/2023	4	64	110	110
4/25/2023	5	66	110	110
4/25/2023	6	68	110	110
4/25/2023	7	63	110	110
4/25/2023	8	71	110	110
4/25/2023	9	80	120	120
4/25/2023	10	86	135	135
4/25/2023	11	89	138	138
4/25/2023	12	88	138	138
4/25/2023	13	90	138	138
4/25/2023	14	89	138	138
4/25/2023	15	92	138	138
4/25/2023	16	92	138	138
4/25/2023	17	87	138	138
4/25/2023	18	88	138	138
4/25/2023	19	88	138	138
4/25/2023	20	86	138	138
4/25/2023	21	85	138	138
4/25/2023	22	80	120	120
4/25/2023	23	76	115	115
4/25/2023	24	73	100	100
4/26/2023	1	67	100	100
4/26/2023	2	64	100	100
4/26/2023	3	63	100	100
4/26/2023	4	62	100	100
4/26/2023	5	63	100	100
4/26/2023	6	65	100	100
4/26/2023	7	61	100	100
4/26/2023	8	69	112	112

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/26/2023	9	78	132	132
4/26/2023	10	84	131	131
4/26/2023	11	86	135	135
4/26/2023	12	84	130	130
4/26/2023	13	87	136	136
4/26/2023	14	89	138	138
4/26/2023	15	87	138	138
4/26/2023	16	88	138	138
4/26/2023	17	84	135	135
4/26/2023	18	85	135	135
4/26/2023	19	83	135	135
4/26/2023	20	82	135	135
4/26/2023	21	80	122	122
4/26/2023	22	76	110	110
4/26/2023	23	73	105	105
4/26/2023	24	69	95	95
4/27/2023	1	66	100	100
4/27/2023	2	64	100	100
4/27/2023	3	62	100	100
4/27/2023	4	61	100	100
4/27/2023	5	63	100	100
4/27/2023	6	66	100	100
4/27/2023	7	61	100	100
4/27/2023	8	68	123	123
4/27/2023	9	79	135	135
4/27/2023	10	83	135	135
4/27/2023	11	87	135	135
4/27/2023	12	87	136	136
4/27/2023	13	89	138	138
4/27/2023	14	90	138	138
4/27/2023	15	89	138	138
4/27/2023	16	87	138	138
4/27/2023	17	85	138	137
4/27/2023	18	84	135	135
4/27/2023	19	85	138	138
4/27/2023	20	83	130	130
4/27/2023	21	82	130	127
4/27/2023	22	77	113	113
4/27/2023	23	74	110	110
4/27/2023	24	70	100	100
4/28/2023	1	68	100	100
4/28/2023	2	66	100	100
4/28/2023	3	65	100	100
4/28/2023	4	63	100	100
4/28/2023	5	63	100	100
4/28/2023	6	67	100	100
4/28/2023	7	62	100	100
4/28/2023	8	70	123	123
4/28/2023	9	80	138	138
4/28/2023	10	85	138	138
4/28/2023	11	89	138	138
4/28/2023	12	88	138	138
4/28/2023	13	89	138	138
4/28/2023	14	90	138	138
4/28/2023	15	90	138	138
4/28/2023	16	88	138	138
4/28/2023	17	87	138	138
4/28/2023	18	83	135	135
4/28/2023	19	83	135	135
4/28/2023	20	81	123	123
4/28/2023	21	79	135	135
4/28/2023	22	77	110	110
4/28/2023	23	73	102	102
4/28/2023	24	70	100	100
4/29/2023	1	70	100	100

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
4/29/2023	2	68	100	100
4/29/2023	3	67	100	100
4/29/2023	4	65	100	100
4/29/2023	5	66	100	100
4/29/2023	6	65	100	100
4/29/2023	7	63	100	100
4/29/2023	8	68	106	106
4/29/2023	9	77	135	135
4/29/2023	10	81	135	135
4/29/2023	11	85	135	135
4/29/2023	12	85	135	135
4/29/2023	13	86	135	135
4/29/2023	14	87	136	136
4/29/2023	15	85	135	135
4/29/2023	16	83	130	130
4/29/2023	17	82	130	130
4/29/2023	18	83	130	130
4/29/2023	19	83	130	130
4/29/2023	20	80	123	123
4/29/2023	21	77	118	118
4/29/2023	22	74	103	103
4/29/2023	23	70	100	100
4/29/2023	24	70	100	100
4/30/2023	1	63	100	100
4/30/2023	2	61	100	100
4/30/2023	3	59	100	100
4/30/2023	4	57	100	100
4/30/2023	5	57	100	100
4/30/2023	6	57	100	100
4/30/2023	7	57	100	100
4/30/2023	8	58	100	100
4/30/2023	9	61	100	100
4/30/2023	10	64	120	120
4/30/2023	11	68	120	120
4/30/2023	12	69	120	120
4/30/2023	13	71	120	120
4/30/2023	14	72	120	120
4/30/2023	15	71	120	120
4/30/2023	16	70	120	120
4/30/2023	17	69	120	120
4/30/2023	18	74	120	120
4/30/2023	19	76	120	120
4/30/2023	20	76	120	120
4/30/2023	21	74	120	120
4/30/2023	22	71	120	120
4/30/2023	23	67	120	120
4/30/2023	24	63	120	120
5/1/2023	1	60	100	100
5/1/2023	2	58	100	100
5/1/2023	3	57	100	100
5/1/2023	4	55	100	100
5/1/2023	5	57	100	100
5/1/2023	6	58	100	100
5/1/2023	7	55	90	90
5/1/2023	8	62	100	100
5/1/2023	9	70	100	100
5/1/2023	10	75	119	119
5/1/2023	11	79	119	119
5/1/2023	12	78	119	119
5/1/2023	13	79	119	119
5/1/2023	14	83	123	123
5/1/2023	15	81	123	123
5/1/2023	16	80	123	123
5/1/2023	17	76	110	110
5/1/2023	18	79	112	112

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/1/2023	19	79	115	115
5/1/2023	20	77	108	108
5/1/2023	21	76	104	104
5/1/2023	22	71	102	102
5/1/2023	23	67	100	100
5/1/2023	24	64	100	100
5/2/2023	1	63	100	100
5/2/2023	2	60	100	100
5/2/2023	3	59	100	100
5/2/2023	4	58	100	100
5/2/2023	5	60	100	100
5/2/2023	6	60	100	100
5/2/2023	7	57	100	100
5/2/2023	8	64	100	100
5/2/2023	9	74	100	100
5/2/2023	10	79	135	135
5/2/2023	11	82	135	135
5/2/2023	12	82	135	135
5/2/2023	13	83	135	135
5/2/2023	14	86	135	135
5/2/2023	15	84	135	135
5/2/2023	16	83	135	135
5/2/2023	17	79	135	135
5/2/2023	18	81	135	135
5/2/2023	19	82	135	135
5/2/2023	20	80	135	135
5/2/2023	21	79	135	135
5/2/2023	22	74	132	132
5/2/2023	23	70	120	120
5/2/2023	24	67	120	120
5/3/2023	1	70	105	105
5/3/2023	2	67	100	100
5/3/2023	3	66	100	100
5/3/2023	4	65	100	100
5/3/2023	5	67	100	100
5/3/2023	6	68	100	100
5/3/2023	7	64	100	100
5/3/2023	8	72	110	110
5/3/2023	9	81	138	138
5/3/2023	10	87	138	138
5/3/2023	11	89	138	138
5/3/2023	12	88	138	138
5/3/2023	13	91	138	138
5/3/2023	14	94	138	138
5/3/2023	15	92	138	138
5/3/2023	16	91	138	138
5/3/2023	17	88	138	138
5/3/2023	18	86	138	138
5/3/2023	19	87	138	138
5/3/2023	20	87	138	138
5/3/2023	21	86	138	138
5/3/2023	22	81	138	138
5/3/2023	23	79	138	138
5/3/2023	24	75	125	125
5/4/2023	1	71	110	110
5/4/2023	2	70	105	105
5/4/2023	3	69	100	100
5/4/2023	4	67	100	100
5/4/2023	5	68	100	100
5/4/2023	6	70	103	103
5/4/2023	7	65	95	95
5/4/2023	8	72	110	110
5/4/2023	9	82	138	138
5/4/2023	10	87	138	138
5/4/2023	11	90	138	138

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/4/2023	12	91	138	138
5/4/2023	13	91	138	138
5/4/2023	14	91	138	138
5/4/2023	15	87	138	138
5/4/2023	16	92	138	138
5/4/2023	17	90	138	138
5/4/2023	18	85	138	138
5/4/2023	19	87	138	138
5/4/2023	20	85	138	138
5/4/2023	21	84	138	138
5/4/2023	22	81	138	138
5/4/2023	23	77	138	138
5/4/2023	24	71	110	110
5/5/2023	1	67	100	100
5/5/2023	2	64	100	100
5/5/2023	3	61	95	95
5/5/2023	4	60	93	93
5/5/2023	5	63	100	100
5/5/2023	6	62	100	100
5/5/2023	7	60	90	90
5/5/2023	8	68	100	100
5/5/2023	9	76	125	125
5/5/2023	10	82	138	138
5/5/2023	11	85	138	138
5/5/2023	12	84	138	138
5/5/2023	13	86	138	138
5/5/2023	14	89	138	138
5/5/2023	15	86	138	138
5/5/2023	16	85	138	138
5/5/2023	17	80	138	138
5/5/2023	18	83	138	138
5/5/2023	19	85	138	138
5/5/2023	20	84	138	138
5/5/2023	21	82	138	138
5/5/2023	22	78	130	130
5/5/2023	23	73	115	115
5/5/2023	24	72	110	110
5/6/2023	1	69	100	100
5/6/2023	2	67	100	100
5/6/2023	3	66	100	100
5/6/2023	4	64	100	100
5/6/2023	5	65	100	100
5/6/2023	6	65	100	100
5/6/2023	7	63	100	100
5/6/2023	8	69	100	100
5/6/2023	9	76	120	120
5/6/2023	10	81	138	138
5/6/2023	11	85	138	138
5/6/2023	12	85	138	138
5/6/2023	13	86	138	138
5/6/2023	14	88	138	138
5/6/2023	15	87	138	138
5/6/2023	16	86	138	138
5/6/2023	17	82	138	138
5/6/2023	18	85	138	138
5/6/2023	19	85	138	138
5/6/2023	20	82	138	138
5/6/2023	21	79	138	138
5/6/2023	22	76	122	122
5/6/2023	23	72	111	111
5/6/2023	24	69	110	110
5/7/2023	1	62	80	80
5/7/2023	2	60	80	80
5/7/2023	3	58	80	80
5/7/2023	4	57	80	80

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/7/2023	5	56	80	80
5/7/2023	6	57	80	80
5/7/2023	7	56	80	80
5/7/2023	8	58	80	80
5/7/2023	9	61	100	80
5/7/2023	10	64	100	100
5/7/2023	11	68	100	100
5/7/2023	12	70	100	100
5/7/2023	13	71	100	100
5/7/2023	14	73	100	100
5/7/2023	15	72	100	100
5/7/2023	16	70	100	100
5/7/2023	17	69	100	100
5/7/2023	18	74	110	110
5/7/2023	19	76	120	120
5/7/2023	20	76	120	120
5/7/2023	21	74	110	110
5/7/2023	22	71	110	110
5/7/2023	23	67	100	100
5/7/2023	24	63	100	100
5/8/2023	1	60	85	85
5/8/2023	2	59	85	85
5/8/2023	3	57	80	80
5/8/2023	4	56	80	80
5/8/2023	5	58	80	80
5/8/2023	6	60	80	80
5/8/2023	7	58	80	80
5/8/2023	8	65	90	90
5/8/2023	9	73	106	106
5/8/2023	10	79	128	128
5/8/2023	11	84	138	138
5/8/2023	12	82	138	138
5/8/2023	13	84	138	138
5/8/2023	14	87	138	138
5/8/2023	15	86	138	138
5/8/2023	16	83	138	138
5/8/2023	17	79	138	138
5/8/2023	18	81	138	138
5/8/2023	19	83	138	138
5/8/2023	20	80	138	138
5/8/2023	21	77	125	125
5/8/2023	22	74	120	120
5/8/2023	23	70	110	110
5/8/2023	24	66	105	105
5/9/2023	1	68	100	100
5/9/2023	2	66	100	100
5/9/2023	3	65	100	100
5/9/2023	4	63	93	93
5/9/2023	5	67	100	100
5/9/2023	6	68	100	100
5/9/2023	7	64	90	90
5/9/2023	8	72	100	100
5/9/2023	9	81	135	135
5/9/2023	10	87	138	138
5/9/2023	11	90	138	138
5/9/2023	12	90	138	138
5/9/2023	13	90	138	138
5/9/2023	14	92	138	138
5/9/2023	15	90	138	138
5/9/2023	16	88	138	138
5/9/2023	17	86	138	138
5/9/2023	18	86	138	138
5/9/2023	19	88	138	138
5/9/2023	20	85	138	138
5/9/2023	21	84	138	138

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/9/2023	22	79	124	124
5/9/2023	23	76	113	113
5/9/2023	24	70	100	100
5/10/2023	1	70	95	95
5/10/2023	2	67	90	90
5/10/2023	3	66	90	90
5/10/2023	4	65	90	90
5/10/2023	5	65	90	90
5/10/2023	6	68	90	90
5/10/2023	7	64	87	87
5/10/2023	8	72	95	95
5/10/2023	9	82	120	120
5/10/2023	10	87	138	138
5/10/2023	11	91	138	138
5/10/2023	12	90	138	138
5/10/2023	13	90	138	138
5/10/2023	14	94	138	138
5/10/2023	15	89	138	138
5/10/2023	16	93	138	138
5/10/2023	17	88	138	138
5/10/2023	18	88	138	138
5/10/2023	19	89	138	138
5/10/2023	20	89	138	138
5/10/2023	21	88	138	138
5/10/2023	22	83	128	128
5/10/2023	23	80	117	117
5/10/2023	24	73	100	100
5/11/2023	1	70	100	100
5/11/2023	2	67	100	100
5/11/2023	3	65	100	100
5/11/2023	4	64	90	90
5/11/2023	5	67	100	100
5/11/2023	6	67	100	100
5/11/2023	7	63	90	90
5/11/2023	8	71	97	97
5/11/2023	9	81	115	115
5/11/2023	10	86	133	133
5/11/2023	11	89	138	138
5/11/2023	12	89	134	134
5/11/2023	13	90	138	138
5/11/2023	14	92	138	138
5/11/2023	15	92	138	138
5/11/2023	16	90	138	138
5/11/2023	17	86	138	138
5/11/2023	18	87	138	138
5/11/2023	19	89	138	138
5/11/2023	20	87	138	138
5/11/2023	21	86	138	138
5/11/2023	22	81	120	120
5/11/2023	23	77	110	110
5/11/2023	24	72	100	100
5/12/2023	1	70	100	100
5/12/2023	2	67	100	100
5/12/2023	3	64	90	90
5/12/2023	4	63	86	86
5/12/2023	5	66	100	100
5/12/2023	6	65	91	91
5/12/2023	7	63	85	85
5/12/2023	8	72	100	100
5/12/2023	9	81	113	113
5/12/2023	10	86	138	138
5/12/2023	11	90	138	138
5/12/2023	12	89	138	138
5/12/2023	13	91	138	138
5/12/2023	14	94	138	138

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/12/2023	15	93	138	138
5/12/2023	16	92	138	138
5/12/2023	17	87	138	138
5/12/2023	18	88	138	138
5/12/2023	19	89	138	138
5/12/2023	20	88	138	138
5/12/2023	21	86	138	138
5/12/2023	22	82	124	124
5/12/2023	23	77	110	110
5/12/2023	24	73	100	100
5/13/2023	1	68	100	100
5/13/2023	2	67	100	100
5/13/2023	3	66	100	100
5/13/2023	4	64	100	100
5/13/2023	5	64	100	100
5/13/2023	6	63	100	90
5/13/2023	7	63	100	90
5/13/2023	8	68	100	100
5/13/2023	9	75	105	100
5/13/2023	10	80	115	115
5/13/2023	11	83	125	125
5/13/2023	12	83	125	125
5/13/2023	13	84	130	128
5/13/2023	14	86	135	135
5/13/2023	15	85	135	135
5/13/2023	16	81	125	120
5/13/2023	17	79	115	115
5/13/2023	18	80	115	115
5/13/2023	19	80	115	115
5/13/2023	20	78	115	115
5/13/2023	21	76	115	115
5/13/2023	22	73	115	115
5/13/2023	23	69	115	100
5/13/2023	24	66	111	100
5/14/2023	1	63	85	85
5/14/2023	2	61	81	81
5/14/2023	3	59	80	80
5/14/2023	4	58	75	75
5/14/2023	5	58	75	75
5/14/2023	6	57	70	70
5/14/2023	7	57	70	70
5/14/2023	8	58	70	70
5/14/2023	9	61	80	80
5/14/2023	10	66	85	85
5/14/2023	11	69	90	90
5/14/2023	12	71	90	90
5/14/2023	13	72	100	100
5/14/2023	14	73	100	100
5/14/2023	15	73	100	100
5/14/2023	16	70	91	91
5/14/2023	17	70	90	90
5/14/2023	18	75	101	101
5/14/2023	19	78	110	110
5/14/2023	20	77	110	110
5/14/2023	21	75	103	103
5/14/2023	22	72	100	100
5/14/2023	23	68	92	92
5/14/2023	24	65	90	90
5/15/2023	1	64	80	80
5/15/2023	2	62	80	80
5/15/2023	3	60	80	80
5/15/2023	4	59	80	80
5/15/2023	5	61	80	80
5/15/2023	6	63	80	80
5/15/2023	7	59	80	80

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/15/2023	8	67	100	90
5/15/2023	9	77	115	105
5/15/2023	10	82	135	135
5/15/2023	11	86	135	135
5/15/2023	12	86	135	135
5/15/2023	13	87	135	135
5/15/2023	14	90	135	135
5/15/2023	15	89	135	135
5/15/2023	16	88	135	135
5/15/2023	17	82	135	135
5/15/2023	18	83	135	135
5/15/2023	19	85	135	135
5/15/2023	20	82	135	135
5/15/2023	21	82	135	135
5/15/2023	22	76	115	115
5/15/2023	23	72	115	100
5/15/2023	24	69	111	100
5/16/2023	1	70	100	100
5/16/2023	2	67	90	90
5/16/2023	3	65	90	90
5/16/2023	4	64	85	85
5/16/2023	5	66	90	90
5/16/2023	6	68	92	92
5/16/2023	7	64	80	80
5/16/2023	8	72	100	100
5/16/2023	9	82	124	124
5/16/2023	10	87	135	135
5/16/2023	11	90	138	138
5/16/2023	12	90	138	138
5/16/2023	13	91	138	138
5/16/2023	14	96	138	138
5/16/2023	15	94	138	138
5/16/2023	16	92	138	138
5/16/2023	17	87	138	138
5/16/2023	18	86	138	138
5/16/2023	19	88	135	135
5/16/2023	20	85	135	135
5/16/2023	21	86	138	138
5/16/2023	22	81	128	128
5/16/2023	23	76	115	115
5/16/2023	24	73	110	110
5/17/2023	1	70	100	100
5/17/2023	2	68	100	100
5/17/2023	3	66	100	100
5/17/2023	4	65	100	100
5/17/2023	5	68	100	100
5/17/2023	6	68	100	100
5/17/2023	7	64	100	100
5/17/2023	8	73	100	100
5/17/2023	9	83	120	120
5/17/2023	10	88	135	135
5/17/2023	11	91	135	135
5/17/2023	12	90	135	135
5/17/2023	13	92	135	135
5/17/2023	14	95	135	135
5/17/2023	15	94	135	135
5/17/2023	16	92	135	135
5/17/2023	17	88	135	135
5/17/2023	18	89	135	135
5/17/2023	19	89	135	135
5/17/2023	20	88	135	135
5/17/2023	21	86	135	135
5/17/2023	22	82	124	124
5/17/2023	23	78	110	110
5/17/2023	24	76	100	100

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/18/2023	1	68	85	85
5/18/2023	2	66	80	80
5/18/2023	3	65	80	80
5/18/2023	4	63	80	80
5/18/2023	5	67	82	82
5/18/2023	6	67	85	85
5/18/2023	7	63	80	80
5/18/2023	8	72	90	90
5/18/2023	9	82	111	111
5/18/2023	10	88	138	138
5/18/2023	11	91	138	138
5/18/2023	12	91	138	138
5/18/2023	13	92	138	138
5/18/2023	14	93	138	138
5/18/2023	15	91	138	138
5/18/2023	16	89	135	135
5/18/2023	17	87	135	135
5/18/2023	18	85	135	135
5/18/2023	19	86	135	135
5/18/2023	20	84	135	135
5/18/2023	21	85	135	135
5/18/2023	22	80	124	124
5/18/2023	23	76	110	110
5/18/2023	24	71	95	95
5/19/2023	1	67	80	80
5/19/2023	2	65	80	80
5/19/2023	3	62	80	80
5/19/2023	4	62	80	80
5/19/2023	5	64	80	80
5/19/2023	6	65	80	80
5/19/2023	7	62	75	75
5/19/2023	8	70	100	100
5/19/2023	9	80	100	100
5/19/2023	10	86	135	135
5/19/2023	11	90	135	135
5/19/2023	12	90	135	135
5/19/2023	13	92	135	135
5/19/2023	14	93	135	135
5/19/2023	15	92	135	135
5/19/2023	16	88	135	135
5/19/2023	17	84	135	135
5/19/2023	18	84	135	135
5/19/2023	19	85	135	135
5/19/2023	20	84	135	135
5/19/2023	21	83	135	135
5/19/2023	22	80	135	135
5/19/2023	23	75	100	100
5/19/2023	24	72	100	100
5/20/2023	1	70	100	100
5/20/2023	2	68	100	100
5/20/2023	3	66	100	100
5/20/2023	4	65	100	100
5/20/2023	5	66	100	100
5/20/2023	6	64	100	100
5/20/2023	7	62	100	100
5/20/2023	8	64	100	100
5/20/2023	9	69	100	100
5/20/2023	10	74	100	100
5/20/2023	11	78	115	115
5/20/2023	12	79	115	115
5/20/2023	13	80	120	120
5/20/2023	14	81	120	120
5/20/2023	15	80	120	120
5/20/2023	16	77	120	120
5/20/2023	17	77	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/20/2023	18	83	135	135
5/20/2023	19	84	135	135
5/20/2023	20	84	135	135
5/20/2023	21	85	135	135
5/20/2023	22	81	135	135
5/20/2023	23	77	110	110
5/20/2023	24	73	100	100
5/21/2023	1	62	80	80
5/21/2023	2	60	80	80
5/21/2023	3	58	80	80
5/21/2023	4	57	80	80
5/21/2023	5	58	80	80
5/21/2023	6	57	80	80
5/21/2023	7	56	80	80
5/21/2023	8	58	80	80
5/21/2023	9	62	100	100
5/21/2023	10	65	100	100
5/21/2023	11	69	100	100
5/21/2023	12	71	100	100
5/21/2023	13	72	100	100
5/21/2023	14	72	100	100
5/21/2023	15	71	100	100
5/21/2023	16	69	100	100
5/21/2023	17	68	100	100
5/21/2023	18	73	100	100
5/21/2023	19	76	100	100
5/21/2023	20	75	100	100
5/21/2023	21	73	100	100
5/21/2023	22	71	100	100
5/21/2023	23	66	80	80
5/21/2023	24	62	80	80
5/22/2023	1	61	80	80
5/22/2023	2	58	80	80
5/22/2023	3	57	80	80
5/22/2023	4	56	80	80
5/22/2023	5	59	80	80
5/22/2023	6	61	80	80
5/22/2023	7	58	80	80
5/22/2023	8	66	100	100
5/22/2023	9	76	108	108
5/22/2023	10	80	115	115
5/22/2023	11	83	124	124
5/22/2023	12	84	130	130
5/22/2023	13	84	130	130
5/22/2023	14	87	135	135
5/22/2023	15	85	135	135
5/22/2023	16	82	124	124
5/22/2023	17	78	115	115
5/22/2023	18	80	124	124
5/22/2023	19	80	124	124
5/22/2023	20	77	124	124
5/22/2023	21	77	124	124
5/22/2023	22	72	100	100
5/22/2023	23	68	100	100
5/22/2023	24	66	100	100
5/23/2023	1	68	100	100
5/23/2023	2	66	100	100
5/23/2023	3	64	100	100
5/23/2023	4	62	100	100
5/23/2023	5	66	100	100
5/23/2023	6	66	100	100
5/23/2023	7	63	80	80
5/23/2023	8	70	100	100
5/23/2023	9	80	135	135
5/23/2023	10	86	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/23/2023	11	89	135	135
5/23/2023	12	89	135	135
5/23/2023	13	90	135	135
5/23/2023	14	93	135	135
5/23/2023	15	91	135	135
5/23/2023	16	88	135	135
5/23/2023	17	86	135	135
5/23/2023	18	88	135	135
5/23/2023	19	90	135	135
5/23/2023	20	87	135	135
5/23/2023	21	85	135	135
5/23/2023	22	80	135	135
5/23/2023	23	77	115	115
5/23/2023	24	68	90	90
5/24/2023	1	66	80	80
5/24/2023	2	65	80	80
5/24/2023	3	65	80	80
5/24/2023	4	64	80	80
5/24/2023	5	67	90	90
5/24/2023	6	66	90	90
5/24/2023	7	67	90	90
5/24/2023	8	74	100	100
5/24/2023	9	82	135	135
5/24/2023	10	85	135	135
5/24/2023	11	89	135	135
5/24/2023	12	89	135	135
5/24/2023	13	91	135	135
5/24/2023	14	92	135	135
5/24/2023	15	91	135	135
5/24/2023	16	89	135	135
5/24/2023	17	86	135	135
5/24/2023	18	86	135	135
5/24/2023	19	86	135	135
5/24/2023	20	83	135	135
5/24/2023	21	81	135	135
5/24/2023	22	76	115	115
5/24/2023	23	73	100	100
5/24/2023	24	70	95	95
5/25/2023	1	65	80	80
5/25/2023	2	63	80	80
5/25/2023	3	61	80	80
5/25/2023	4	60	80	80
5/25/2023	5	62	80	80
5/25/2023	6	64	80	80
5/25/2023	7	62	80	80
5/25/2023	8	70	100	100
5/25/2023	9	78	115	115
5/25/2023	10	83	124	124
5/25/2023	11	86	130	124
5/25/2023	12	85	130	124
5/25/2023	13	86	130	124
5/25/2023	14	89	130	124
5/25/2023	15	87	130	124
5/25/2023	16	85	130	124
5/25/2023	17	81	130	124
5/25/2023	18	83	130	124
5/25/2023	19	84	130	124
5/25/2023	20	82	130	124
5/25/2023	21	80	115	115
5/25/2023	22	76	115	115
5/25/2023	23	73	110	110
5/25/2023	24	77	110	110
5/26/2023	1	67	90	90
5/26/2023	2	64	85	85
5/26/2023	3	63	80	80

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/26/2023	4	62	80	80
5/26/2023	5	63	80	80
5/26/2023	6	65	85	85
5/26/2023	7	64	80	80
5/26/2023	8	72	91	91
5/26/2023	9	81	113	113
5/26/2023	10	85	138	138
5/26/2023	11	89	138	138
5/26/2023	12	88	138	138
5/26/2023	13	88	138	138
5/26/2023	14	89	138	138
5/26/2023	15	86	138	138
5/26/2023	16	84	138	138
5/26/2023	17	83	138	138
5/26/2023	18	80	134	134
5/26/2023	19	83	138	138
5/26/2023	20	80	135	135
5/26/2023	21	79	138	138
5/26/2023	22	75	124	124
5/26/2023	23	70	100	100
5/26/2023	24	66	90	90
5/27/2023	1	64	85	85
5/27/2023	2	62	80	80
5/27/2023	3	61	80	80
5/27/2023	4	60	75	75
5/27/2023	5	62	80	80
5/27/2023	6	62	80	80
5/27/2023	7	61	75	75
5/27/2023	8	64	82	82
5/27/2023	9	71	95	95
5/27/2023	10	78	105	105
5/27/2023	11	80	106	106
5/27/2023	12	78	100	100
5/27/2023	13	79	104	104
5/27/2023	14	82	111	111
5/27/2023	15	79	106	106
5/27/2023	16	77	102	102
5/27/2023	17	76	100	100
5/27/2023	18	77	103	103
5/27/2023	19	80	113	113
5/27/2023	20	79	107	107
5/27/2023	21	77	101	101
5/27/2023	22	73	100	100
5/27/2023	23	69	90	90
5/27/2023	24	65	80	80
5/28/2023	1	63	80	80
5/28/2023	2	61	80	80
5/28/2023	3	59	80	80
5/28/2023	4	58	80	80
5/28/2023	5	58	80	80
5/28/2023	6	57	80	80
5/28/2023	7	56	70	70
5/28/2023	8	58	70	70
5/28/2023	9	61	80	80
5/28/2023	10	65	100	100
5/28/2023	11	69	100	100
5/28/2023	12	70	100	100
5/28/2023	13	72	100	100
5/28/2023	14	72	100	100
5/28/2023	15	72	100	100
5/28/2023	16	70	100	100
5/28/2023	17	69	100	100
5/28/2023	18	74	100	100
5/28/2023	19	76	115	115
5/28/2023	20	75	115	115

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/28/2023	21	74	115	115
5/28/2023	22	71	115	115
5/28/2023	23	67	100	100
5/28/2023	24	64	85	85
5/29/2023	1	61	85	85
5/29/2023	2	59	74	74
5/29/2023	3	57	60	60
5/29/2023	4	56	60	60
5/29/2023	5	60	80	80
5/29/2023	6	61	80	80
5/29/2023	7	58	60	60
5/29/2023	8	66	95	95
5/29/2023	9	77	100	100
5/29/2023	10	81	105	105
5/29/2023	11	84	111	111
5/29/2023	12	85	110	110
5/29/2023	13	85	110	110
5/29/2023	14	89	124	124
5/29/2023	15	88	124	124
5/29/2023	16	86	120	120
5/29/2023	17	81	105	105
5/29/2023	18	81	105	105
5/29/2023	19	83	113	113
5/29/2023	20	80	107	107
5/29/2023	21	78	101	101
5/29/2023	22	74	100	100
5/29/2023	23	70	90	90
5/29/2023	24	67	90	90
5/30/2023	1	67	80	80
5/30/2023	2	64	80	80
5/30/2023	3	62	80	80
5/30/2023	4	61	80	80
5/30/2023	5	66	80	80
5/30/2023	6	67	80	80
5/30/2023	7	62	75	75
5/30/2023	8	71	85	85
5/30/2023	9	81	100	100
5/30/2023	10	86	124	124
5/30/2023	11	90	124	124
5/30/2023	12	90	124	124
5/30/2023	13	92	132	132
5/30/2023	14	95	138	138
5/30/2023	15	94	138	138
5/30/2023	16	90	128	128
5/30/2023	17	84	110	110
5/30/2023	18	86	120	120
5/30/2023	19	86	118	118
5/30/2023	20	84	115	115
5/30/2023	21	82	115	115
5/30/2023	22	77	100	100
5/30/2023	23	73	100	100
5/30/2023	24	68	90	90
5/31/2023	1	65	80	80
5/31/2023	2	64	80	80
5/31/2023	3	62	80	80
5/31/2023	4	61	80	80
5/31/2023	5	64	100	100
5/31/2023	6	64	100	100
5/31/2023	7	61	86	86
5/31/2023	8	70	100	100
5/31/2023	9	81	100	100
5/31/2023	10	85	115	115
5/31/2023	11	89	130	130
5/31/2023	12	89	130	130
5/31/2023	13	91	130	130

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
5/31/2023	14	94	130	130
5/31/2023	15	92	130	130
5/31/2023	16	89	130	130
5/31/2023	17	85	120	120
5/31/2023	18	86	120	120
5/31/2023	19	86	120	120
5/31/2023	20	83	115	115
5/31/2023	21	81	115	115
5/31/2023	22	77	115	115
5/31/2023	23	72	100	100
5/31/2023	24	72	100	100
6/1/2023	1	65	80	80
6/1/2023	2	64	80	80
6/1/2023	3	62	75	75
6/1/2023	4	61	75	75
6/1/2023	5	64	80	80
6/1/2023	6	65	80	80
6/1/2023	7	62	75	75
6/1/2023	8	69	85	85
6/1/2023	9	78	100	100
6/1/2023	10	85	106	106
6/1/2023	11	89	124	120
6/1/2023	12	89	124	117
6/1/2023	13	90	123	123
6/1/2023	14	93	134	134
6/1/2023	15	89	120	120
6/1/2023	16	85	115	115
6/1/2023	17	81	101	101
6/1/2023	18	84	108	108
6/1/2023	19	83	113	113
6/1/2023	20	81	107	107
6/1/2023	21	80	101	101
6/1/2023	22	76	100	100
6/1/2023	23	71	90	90
6/1/2023	24	67	80	80
6/2/2023	1	66	80	80
6/2/2023	2	64	80	80
6/2/2023	3	62	80	80
6/2/2023	4	61	80	80
6/2/2023	5	62	80	80
6/2/2023	6	64	80	80
6/2/2023	7	63	80	80
6/2/2023	8	71	85	85
6/2/2023	9	80	100	100
6/2/2023	10	85	110	110
6/2/2023	11	88	120	120
6/2/2023	12	88	120	120
6/2/2023	13	88	120	120
6/2/2023	14	88	122	122
6/2/2023	15	85	115	115
6/2/2023	16	82	105	105
6/2/2023	17	79	100	100
6/2/2023	18	82	107	107
6/2/2023	19	83	110	110
6/2/2023	20	79	100	100
6/2/2023	21	77	100	100
6/2/2023	22	74	100	100
6/2/2023	23	69	90	90
6/2/2023	24	65	80	80
6/3/2023	1	65	80	80
6/3/2023	2	63	80	80
6/3/2023	3	60	80	80
6/3/2023	4	59	80	80
6/3/2023	5	61	80	80
6/3/2023	6	61	80	80

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/3/2023	7	61	80	80
6/3/2023	8	63	80	80
6/3/2023	9	71	90	90
6/3/2023	10	76	100	100
6/3/2023	11	79	103	103
6/3/2023	12	76	100	100
6/3/2023	13	78	100	100
6/3/2023	14	80	105	105
6/3/2023	15	78	100	100
6/3/2023	16	76	100	100
6/3/2023	17	74	100	100
6/3/2023	18	79	105	105
6/3/2023	19	80	113	113
6/3/2023	20	78	107	107
6/3/2023	21	76	101	101
6/3/2023	22	73	100	100
6/3/2023	23	69	90	90
6/3/2023	24	65	84	84
6/4/2023	1	61	70	70
6/4/2023	2	60	70	70
6/4/2023	3	57	70	70
6/4/2023	4	56	70	70
6/4/2023	5	56	70	70
6/4/2023	6	56	70	70
6/4/2023	7	55	70	70
6/4/2023	8	56	70	70
6/4/2023	9	59	80	80
6/4/2023	10	63	80	80
6/4/2023	11	66	100	100
6/4/2023	12	67	100	100
6/4/2023	13	68	100	100
6/4/2023	14	68	100	100
6/4/2023	15	68	100	100
6/4/2023	16	66	100	100
6/4/2023	17	66	100	100
6/4/2023	18	72	100	100
6/4/2023	19	75	100	100
6/4/2023	20	74	100	100
6/4/2023	21	73	100	100
6/4/2023	22	69	100	100
6/4/2023	23	65	100	100
6/4/2023	24	62	100	100
6/5/2023	1	61	80	80
6/5/2023	2	59	80	80
6/5/2023	3	57	80	80
6/5/2023	4	56	80	80
6/5/2023	5	59	80	80
6/5/2023	6	60	80	80
6/5/2023	7	57	74	74
6/5/2023	8	65	80	80
6/5/2023	9	74	100	100
6/5/2023	10	80	110	110
6/5/2023	11	83	118	118
6/5/2023	12	83	118	118
6/5/2023	13	83	118	118
6/5/2023	14	87	132	132
6/5/2023	15	86	130	130
6/5/2023	16	84	124	124
6/5/2023	17	79	110	110
6/5/2023	18	79	110	110
6/5/2023	19	81	115	115
6/5/2023	20	78	107	107
6/5/2023	21	76	103	103
6/5/2023	22	72	100	100
6/5/2023	23	69	90	90

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/5/2023	24	65	80	80
6/6/2023	1	64	70	70
6/6/2023	2	62	70	70
6/6/2023	3	60	70	70
6/6/2023	4	60	70	70
6/6/2023	5	63	100	100
6/6/2023	6	64	100	100
6/6/2023	7	60	92	92
6/6/2023	8	68	92	92
6/6/2023	9	78	100	100
6/6/2023	10	85	120	120
6/6/2023	11	87	124	124
6/6/2023	12	87	124	124
6/6/2023	13	88	124	124
6/6/2023	14	92	135	135
6/6/2023	15	91	135	135
6/6/2023	16	89	135	135
6/6/2023	17	84	124	124
6/6/2023	18	85	124	124
6/6/2023	19	86	124	124
6/6/2023	20	84	115	115
6/6/2023	21	81	115	115
6/6/2023	22	77	100	100
6/6/2023	23	73	100	100
6/6/2023	24	66	92	92
6/7/2023	1	63	70	70
6/7/2023	2	62	70	70
6/7/2023	3	60	70	70
6/7/2023	4	59	70	70
6/7/2023	5	62	70	70
6/7/2023	6	64	70	70
6/7/2023	7	60	70	70
6/7/2023	8	69	87	87
6/7/2023	9	78	100	100
6/7/2023	10	85	120	120
6/7/2023	11	87	124	124
6/7/2023	12	87	124	124
6/7/2023	13	89	124	124
6/7/2023	14	92	135	135
6/7/2023	15	91	135	135
6/7/2023	16	88	135	135
6/7/2023	17	84	124	124
6/7/2023	18	85	124	124
6/7/2023	19	86	124	124
6/7/2023	20	84	115	115
6/7/2023	21	82	115	115
6/7/2023	22	77	100	100
6/7/2023	23	73	100	100
6/7/2023	24	68	100	100
6/8/2023	1	64	80	80
6/8/2023	2	63	78	78
6/8/2023	3	60	73	73
6/8/2023	4	60	75	75
6/8/2023	5	62	75	75
6/8/2023	6	63	75	75
6/8/2023	7	60	73	73
6/8/2023	8	66	80	80
6/8/2023	9	76	90	90
6/8/2023	10	82	105	105
6/8/2023	11	85	106	106
6/8/2023	12	84	106	106
6/8/2023	13	85	115	115
6/8/2023	14	89	121	121
6/8/2023	15	87	119	119
6/8/2023	16	86	115	115

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/8/2023	17	80	100	100
6/8/2023	18	80	103	103
6/8/2023	19	83	113	113
6/8/2023	20	82	107	107
6/8/2023	21	81	102	102
6/8/2023	22	76	100	100
6/8/2023	23	72	90	90
6/8/2023	24	64	78	78
6/9/2023	1	64	85	85
6/9/2023	2	62	80	80
6/9/2023	3	61	78	78
6/9/2023	4	60	67	67
6/9/2023	5	63	80	80
6/9/2023	6	64	80	80
6/9/2023	7	62	70	70
6/9/2023	8	70	90	90
6/9/2023	9	79	100	100
6/9/2023	10	85	110	110
6/9/2023	11	87	110	110
6/9/2023	12	86	110	110
6/9/2023	13	87	110	110
6/9/2023	14	86	111	111
6/9/2023	15	89	117	117
6/9/2023	16	87	115	115
6/9/2023	17	82	105	105
6/9/2023	18	84	107	107
6/9/2023	19	85	116	116
6/9/2023	20	82	107	107
6/9/2023	21	80	101	101
6/9/2023	22	76	100	100
6/9/2023	23	73	90	90
6/9/2023	24	71	90	90
6/10/2023	1	67	85	85
6/10/2023	2	65	80	80
6/10/2023	3	63	80	80
6/10/2023	4	62	75	75
6/10/2023	5	62	75	75
6/10/2023	6	61	75	75
6/10/2023	7	58	66	66
6/10/2023	8	63	70	70
6/10/2023	9	69	90	90
6/10/2023	10	75	105	105
6/10/2023	11	79	106	106
6/10/2023	12	78	100	100
6/10/2023	13	80	104	104
6/10/2023	14	83	111	111
6/10/2023	15	79	106	106
6/10/2023	16	77	102	102
6/10/2023	17	74	100	100
6/10/2023	18	81	103	103
6/10/2023	19	83	113	113
6/10/2023	20	82	107	107
6/10/2023	21	79	101	101
6/10/2023	22	76	100	100
6/10/2023	23	72	90	90
6/10/2023	24	66	80	80
6/11/2023	1	59	60	60
6/11/2023	2	58	60	60
6/11/2023	3	56	60	60
6/11/2023	4	54	60	60
6/11/2023	5	53	60	60
6/11/2023	6	53	60	60
6/11/2023	7	52	60	60
6/11/2023	8	55	60	60
6/11/2023	9	58	60	60

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/11/2023	10	62	90	90
6/11/2023	11	66	90	90
6/11/2023	12	67	100	100
6/11/2023	13	66	100	100
6/11/2023	14	68	100	100
6/11/2023	15	67	100	100
6/11/2023	16	65	100	100
6/11/2023	17	66	100	100
6/11/2023	18	70	100	100
6/11/2023	19	73	100	100
6/11/2023	20	73	100	100
6/11/2023	21	70	100	100
6/11/2023	22	66	80	80
6/11/2023	23	61	80	80
6/11/2023	24	59	80	80
6/12/2023	1	58	60	60
6/12/2023	2	56	60	60
6/12/2023	3	54	60	60
6/12/2023	4	53	60	60
6/12/2023	5	56	61	61
6/12/2023	6	54	60	60
6/12/2023	7	50	60	60
6/12/2023	8	57	60	60
6/12/2023	9	58	60	60
6/12/2023	10	65	90	90
6/12/2023	11	68	90	90
6/12/2023	12	67	100	100
6/12/2023	13	68	100	100
6/12/2023	14	72	100	100
6/12/2023	15	70	100	100
6/12/2023	16	68	100	100
6/12/2023	17	66	100	100
6/12/2023	18	74	100	100
6/12/2023	19	75	100	100
6/12/2023	20	72	100	100
6/12/2023	21	70	100	100
6/12/2023	22	66	80	80
6/12/2023	23	66	80	80
6/12/2023	24	62	80	80
6/13/2023	1	58	60	60
6/13/2023	2	56	60	60
6/13/2023	3	54	60	60
6/13/2023	4	53	60	60
6/13/2023	5	56	60	60
6/13/2023	6	57	60	60
6/13/2023	7	53	60	60
6/13/2023	8	60	65	65
6/13/2023	9	70	100	100
6/13/2023	10	75	100	100
6/13/2023	11	79	100	100
6/13/2023	12	81	100	100
6/13/2023	13	83	110	110
6/13/2023	14	86	115	115
6/13/2023	15	84	115	115
6/13/2023	16	82	110	110
6/13/2023	17	78	100	100
6/13/2023	18	78	100	100
6/13/2023	19	79	100	100
6/13/2023	20	77	100	100
6/13/2023	21	75	100	100
6/13/2023	22	71	100	100
6/13/2023	23	67	80	80
6/13/2023	24	64	80	80
6/14/2023	1	65	80	80
6/14/2023	2	63	80	80

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/14/2023	3	62	73	73
6/14/2023	4	60	70	70
6/14/2023	5	64	80	80
6/14/2023	6	65	80	80
6/14/2023	7	62	69	69
6/14/2023	8	68	82	82
6/14/2023	9	78	100	100
6/14/2023	10	84	107	107
6/14/2023	11	87	114	114
6/14/2023	12	87	112	112
6/14/2023	13	88	116	116
6/14/2023	14	91	129	129
6/14/2023	15	88	121	121
6/14/2023	16	86	115	115
6/14/2023	17	84	110	110
6/14/2023	18	85	114	114
6/14/2023	19	86	117	117
6/14/2023	20	84	110	110
6/14/2023	21	81	105	105
6/14/2023	22	77	100	100
6/14/2023	23	73	90	90
6/14/2023	24	69	90	90
6/15/2023	1	67	80	80
6/15/2023	2	65	80	80
6/15/2023	3	62	80	80
6/15/2023	4	62	80	80
6/15/2023	5	63	80	80
6/15/2023	6	65	80	80
6/15/2023	7	61	78	78
6/15/2023	8	69	100	100
6/15/2023	9	79	105	105
6/15/2023	10	86	120	120
6/15/2023	11	88	135	135
6/15/2023	12	73	135	135
6/15/2023	13	83	135	135
6/15/2023	14	90	135	135
6/15/2023	15	87	135	135
6/15/2023	16	88	135	135
6/15/2023	17	83	135	135
6/15/2023	18	81	125	125
6/15/2023	19	83	135	125
6/15/2023	20	81	135	125
6/15/2023	21	81	135	125
6/15/2023	22	76	115	115
6/15/2023	23	72	100	100
6/15/2023	24	71	100	100
6/16/2023	1	62	85	85
6/16/2023	2	60	80	80
6/16/2023	3	57	74	74
6/16/2023	4	57	74	74
6/16/2023	5	59	75	75
6/16/2023	6	60	80	80
6/16/2023	7	57	66	66
6/16/2023	8	65	78	78
6/16/2023	9	75	100	100
6/16/2023	10	80	111	111
6/16/2023	11	83	118	118
6/16/2023	12	82	119	119
6/16/2023	13	83	122	122
6/16/2023	14	85	133	133
6/16/2023	15	84	130	130
6/16/2023	16	83	128	128
6/16/2023	17	78	120	120
6/16/2023	18	80	120	120
6/16/2023	19	80	120	120

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/16/2023	20	78	114	114
6/16/2023	21	77	106	106
6/16/2023	22	73	100	100
6/16/2023	23	69	90	90
6/16/2023	24	66	100	100
6/17/2023	1	63	85	85
6/17/2023	2	61	83	83
6/17/2023	3	61	80	80
6/17/2023	4	60	80	80
6/17/2023	5	60	85	85
6/17/2023	6	61	85	85
6/17/2023	7	58	76	76
6/17/2023	8	63	85	85
6/17/2023	9	69	92	92
6/17/2023	10	74	105	105
6/17/2023	11	77	110	110
6/17/2023	12	75	109	109
6/17/2023	13	77	110	110
6/17/2023	14	81	124	124
6/17/2023	15	79	117	117
6/17/2023	16	76	110	110
6/17/2023	17	74	109	109
6/17/2023	18	79	120	120
6/17/2023	19	81	130	130
6/17/2023	20	78	120	120
6/17/2023	21	77	115	115
6/17/2023	22	73	105	105
6/17/2023	23	70	105	105
6/17/2023	24	68	100	100
6/18/2023	1	59	70	70
6/18/2023	2	58	70	70
6/18/2023	3	56	70	70
6/18/2023	4	54	70	70
6/18/2023	5	54	70	70
6/18/2023	6	53	70	70
6/18/2023	7	52	70	70
6/18/2023	8	54	70	70
6/18/2023	9	58	80	80
6/18/2023	10	61	80	80
6/18/2023	11	65	90	90
6/18/2023	12	66	90	90
6/18/2023	13	66	90	90
6/18/2023	14	67	90	90
6/18/2023	15	66	90	90
6/18/2023	16	65	90	90
6/18/2023	17	64	90	90
6/18/2023	18	70	100	100
6/18/2023	19	73	115	115
6/18/2023	20	72	115	115
6/18/2023	21	70	115	115
6/18/2023	22	67	100	100
6/18/2023	23	63	89	89
6/18/2023	24	60	80	80
6/19/2023	1	57	77	77
6/19/2023	2	56	70	70
6/19/2023	3	54	66	66
6/19/2023	4	53	65	65
6/19/2023	5	56	78	78
6/19/2023	6	57	80	80
6/19/2023	7	54	70	70
6/19/2023	8	60	82	82
6/19/2023	9	70	100	100
6/19/2023	10	76	105	105
6/19/2023	11	79	112	112
6/19/2023	12	80	120	120

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/19/2023	13	80	120	120
6/19/2023	14	82	123	123
6/19/2023	15	82	123	123
6/19/2023	16	80	120	120
6/19/2023	17	77	120	120
6/19/2023	18	78	120	120
6/19/2023	19	79	118	118
6/19/2023	20	76	110	110
6/19/2023	21	75	104	104
6/19/2023	22	72	100	100
6/19/2023	23	68	100	100
6/19/2023	24	63	90	90
6/20/2023	1	65	80	80
6/20/2023	2	62	80	80
6/20/2023	3	61	78	78
6/20/2023	4	59	73	73
6/20/2023	5	63	80	80
6/20/2023	6	64	80	80
6/20/2023	7	61	74	74
6/20/2023	8	66	81	81
6/20/2023	9	75	100	100
6/20/2023	10	80	109	109
6/20/2023	11	85	120	120
6/20/2023	12	84	118	118
6/20/2023	13	84	118	118
6/20/2023	14	89	138	138
6/20/2023	15	86	128	128
6/20/2023	16	84	122	122
6/20/2023	17	81	115	115
6/20/2023	18	83	120	120
6/20/2023	19	81	117	117
6/20/2023	20	81	114	114
6/20/2023	21	79	110	110
6/20/2023	22	74	100	100
6/20/2023	23	70	90	90
6/20/2023	24	68	90	90
6/21/2023	1	65	82	82
6/21/2023	2	63	80	80
6/21/2023	3	62	80	80
6/21/2023	4	60	73	73
6/21/2023	5	64	80	80
6/21/2023	6	64	80	80
6/21/2023	7	61	77	77
6/21/2023	8	67	85	85
6/21/2023	9	76	100	100
6/21/2023	10	81	111	111
6/21/2023	11	86	123	123
6/21/2023	12	86	120	120
6/21/2023	13	85	120	120
6/21/2023	14	91	138	138
6/21/2023	15	88	132	132
6/21/2023	16	86	125	125
6/21/2023	17	82	115	115
6/21/2023	18	84	120	120
6/21/2023	19	82	117	117
6/21/2023	20	82	114	114
6/21/2023	21	79	108	108
6/21/2023	22	75	100	100
6/21/2023	23	71	90	90
6/21/2023	24	68	85	85
6/22/2023	1	63	80	80
6/22/2023	2	62	80	80
6/22/2023	3	61	78	78
6/22/2023	4	60	76	76
6/22/2023	5	64	80	80

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/22/2023	6	65	83	83
6/22/2023	7	61	74	74
6/22/2023	8	66	82	82
6/22/2023	9	74	98	98
6/22/2023	10	79	110	110
6/22/2023	11	83	115	115
6/22/2023	12	81	115	115
6/22/2023	13	82	115	115
6/22/2023	14	86	126	126
6/22/2023	15	85	124	124
6/22/2023	16	85	124	124
6/22/2023	17	82	115	115
6/22/2023	18	83	118	118
6/22/2023	19	85	124	124
6/22/2023	20	83	119	119
6/22/2023	21	80	109	109
6/22/2023	22	76	102	102
6/22/2023	23	72	93	93
6/22/2023	24	66	80	80
6/23/2023	1	62	80	80
6/23/2023	2	61	77	77
6/23/2023	3	60	75	75
6/23/2023	4	59	75	75
6/23/2023	5	62	80	80
6/23/2023	6	64	80	80
6/23/2023	7	61	75	75
6/23/2023	8	65	80	80
6/23/2023	9	69	85	85
6/23/2023	10	78	105	105
6/23/2023	11	82	106	106
6/23/2023	12	81	105	105
6/23/2023	13	81	105	105
6/23/2023	14	84	115	115
6/23/2023	15	83	115	115
6/23/2023	16	82	110	110
6/23/2023	17	78	100	100
6/23/2023	18	80	103	103
6/23/2023	19	80	110	110
6/23/2023	20	78	100	100
6/23/2023	21	76	100	100
6/23/2023	22	71	95	95
6/23/2023	23	67	90	90
6/23/2023	24	65	81	81
6/24/2023	1	61	80	80
6/24/2023	2	60	80	80
6/24/2023	3	59	75	75
6/24/2023	4	58	75	75
6/24/2023	5	59	75	75
6/24/2023	6	60	75	75
6/24/2023	7	59	75	75
6/24/2023	8	62	81	81
6/24/2023	9	68	100	100
6/24/2023	10	72	120	120
6/24/2023	11	75	120	120
6/24/2023	12	75	135	135
6/24/2023	13	76	135	135
6/24/2023	14	79	135	135
6/24/2023	15	75	135	135
6/24/2023	16	74	135	135
6/24/2023	17	72	125	125
6/24/2023	18	75	125	125
6/24/2023	19	77	125	125
6/24/2023	20	75	125	125
6/24/2023	21	73	125	125
6/24/2023	22	69	115	115

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/24/2023	23	66	100	100
6/24/2023	24	63	100	100
6/25/2023	1	58	68	68
6/25/2023	2	57	61	61
6/25/2023	3	55	58	58
6/25/2023	4	53	58	58
6/25/2023	5	53	58	58
6/25/2023	6	52	58	58
6/25/2023	7	51	66	66
6/25/2023	8	54	66	66
6/25/2023	9	57	66	66
6/25/2023	10	61	66	66
6/25/2023	11	62	69	69
6/25/2023	12	64	75	75
6/25/2023	13	64	75	75
6/25/2023	14	66	78	78
6/25/2023	15	66	81	81
6/25/2023	16	65	77	77
6/25/2023	17	64	77	77
6/25/2023	18	69	85	85
6/25/2023	19	71	90	90
6/25/2023	20	69	85	85
6/25/2023	21	67	80	80
6/25/2023	22	64	78	78
6/25/2023	23	60	68	68
6/25/2023	24	58	62	62
6/26/2023	1	56	60	60
6/26/2023	2	55	60	60
6/26/2023	3	54	60	60
6/26/2023	4	53	60	60
6/26/2023	5	56	60	60
6/26/2023	6	58	65	65
6/26/2023	7	55	60	60
6/26/2023	8	61	81	81
6/26/2023	9	70	100	100
6/26/2023	10	77	120	120
6/26/2023	11	79	120	120
6/26/2023	12	80	135	135
6/26/2023	13	80	135	135
6/26/2023	14	84	135	135
6/26/2023	15	83	135	135
6/26/2023	16	81	125	125
6/26/2023	17	77	125	125
6/26/2023	18	78	125	125
6/26/2023	19	77	125	125
6/26/2023	20	76	125	125
6/26/2023	21	74	125	125
6/26/2023	22	68	100	100
6/26/2023	23	66	100	100
6/26/2023	24	61	80	80
6/27/2023	1	61	75	75
6/27/2023	2	60	70	70
6/27/2023	3	59	66	66
6/27/2023	4	58	62	62
6/27/2023	5	61	70	70
6/27/2023	6	64	78	78
6/27/2023	7	60	70	70
6/27/2023	8	66	75	75
6/27/2023	9	74	86	86
6/27/2023	10	80	105	105
6/27/2023	11	83	106	106
6/27/2023	12	82	100	100
6/27/2023	13	84	104	104
6/27/2023	14	88	111	111
6/27/2023	15	87	110	110

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/27/2023	16	87	110	110
6/27/2023	17	81	100	100
6/27/2023	18	81	103	103
6/27/2023	19	80	113	113
6/27/2023	20	78	107	107
6/27/2023	21	76	100	100
6/27/2023	22	73	91	91
6/27/2023	23	69	90	90
6/27/2023	24	65	80	80
6/28/2023	1	62	78	78
6/28/2023	2	61	74	74
6/28/2023	3	59	70	70
6/28/2023	4	58	70	70
6/28/2023	5	60	74	74
6/28/2023	6	60	72	72
6/28/2023	7	59	70	70
6/28/2023	8	63	79	79
6/28/2023	9	69	81	81
6/28/2023	10	74	95	95
6/28/2023	11	76	95	95
6/28/2023	12	76	95	95
6/28/2023	13	78	95	95
6/28/2023	14	80	100	100
6/28/2023	15	79	106	106
6/28/2023	16	78	102	102
6/28/2023	17	76	100	100
6/28/2023	18	79	103	103
6/28/2023	19	80	110	110
6/28/2023	20	78	107	107
6/28/2023	21	76	101	101
6/28/2023	22	72	95	95
6/28/2023	23	69	90	90
6/28/2023	24	68	90	90
6/29/2023	1	57	60	60
6/29/2023	2	55	60	60
6/29/2023	3	53	60	60
6/29/2023	4	53	60	60
6/29/2023	5	55	60	60
6/29/2023	6	58	60	60
6/29/2023	7	54	60	60
6/29/2023	8	61	75	75
6/29/2023	9	70	100	100
6/29/2023	10	76	120	120
6/29/2023	11	79	120	120
6/29/2023	12	78	135	135
6/29/2023	13	78	135	135
6/29/2023	14	82	135	135
6/29/2023	15	82	135	135
6/29/2023	16	81	135	135
6/29/2023	17	76	100	100
6/29/2023	18	77	100	100
6/29/2023	19	79	100	100
6/29/2023	20	77	100	100
6/29/2023	21	75	100	100
6/29/2023	22	71	100	100
6/29/2023	23	66	80	80
6/29/2023	24	62	80	80
6/30/2023	1	65	85	85
6/30/2023	2	63	80	80
6/30/2023	3	62	80	80
6/30/2023	4	60	75	75
6/30/2023	5	63	80	80
6/30/2023	6	65	80	80
6/30/2023	7	63	75	75
6/30/2023	8	67	82	82

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
6/30/2023	9	69	80	80
6/30/2023	10	79	105	105
6/30/2023	11	83	106	106
6/30/2023	12	82	100	100
6/30/2023	13	83	104	104
6/30/2023	14	85	113	113
6/30/2023	15	85	113	113
6/30/2023	16	83	107	107
6/30/2023	17	79	100	100
6/30/2023	18	80	103	103
6/30/2023	19	80	113	113
6/30/2023	20	78	107	107
6/30/2023	21	76	101	101
6/30/2023	22	71	91	91
6/30/2023	23	68	90	90
6/30/2023	24	65	80	80
7/1/2023	1	62	80	80
7/1/2023	2	60	75	75
7/1/2023	3	59	65	65
7/1/2023	4	58	65	65
7/1/2023	5	59	75	75
7/1/2023	6	60	75	75
7/1/2023	7	59	66	66
7/1/2023	8	62	82	82
7/1/2023	9	68	85	85
7/1/2023	10	73	89	89
7/1/2023	11	75	97	97
7/1/2023	12	75	95	95
7/1/2023	13	77	100	100
7/1/2023	14	79	100	100
7/1/2023	15	78	100	100
7/1/2023	16	77	100	100
7/1/2023	17	75	100	100
7/1/2023	18	78	100	100
7/1/2023	19	79	105	105
7/1/2023	20	77	100	100
7/1/2023	21	75	100	100
7/1/2023	22	71	97	97
7/1/2023	23	68	90	90
7/1/2023	24	65	80	80
7/2/2023	1	59	60	60
7/2/2023	2	58	60	60
7/2/2023	3	56	60	60
7/2/2023	4	54	60	60
7/2/2023	5	54	60	60
7/2/2023	6	54	60	60
7/2/2023	7	53	60	60
7/2/2023	8	54	60	60
7/2/2023	9	58	60	60
7/2/2023	10	62	70	70
7/2/2023	11	64	80	80
7/2/2023	12	65	80	80
7/2/2023	13	65	80	80
7/2/2023	14	66	80	80
7/2/2023	15	66	80	80
7/2/2023	16	65	80	80
7/2/2023	17	65	80	80
7/2/2023	18	70	100	100
7/2/2023	19	73	100	100
7/2/2023	20	72	100	100
7/2/2023	21	70	100	100
7/2/2023	22	67	80	80
7/2/2023	23	63	80	80
7/2/2023	24	60	80	80
7/3/2023	1	57	61	61

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/3/2023	2	56	61	61
7/3/2023	3	55	61	61
7/3/2023	4	54	61	61
7/3/2023	5	56	61	61
7/3/2023	6	58	65	65
7/3/2023	7	55	66	66
7/3/2023	8	61	77	77
7/3/2023	9	70	95	95
7/3/2023	10	76	97	97
7/3/2023	11	79	106	106
7/3/2023	12	78	100	100
7/3/2023	13	80	104	104
7/3/2023	14	83	111	111
7/3/2023	15	83	106	106
7/3/2023	16	81	102	102
7/3/2023	17	77	100	100
7/3/2023	18	77	103	103
7/3/2023	19	78	113	113
7/3/2023	20	76	107	107
7/3/2023	21	74	101	101
7/3/2023	22	70	90	90
7/3/2023	23	66	82	82
7/3/2023	24	62	75	75
7/4/2023	1	66	82	82
7/4/2023	2	65	80	80
7/4/2023	3	63	80	80
7/4/2023	4	62	75	75
7/4/2023	5	63	80	80
7/4/2023	6	65	80	80
7/4/2023	7	65	80	80
7/4/2023	8	70	98	98
7/4/2023	9	77	100	100
7/4/2023	10	82	112	112
7/4/2023	11	85	120	120
7/4/2023	12	84	120	120
7/4/2023	13	85	122	122
7/4/2023	14	88	135	135
7/4/2023	15	87	131	131
7/4/2023	16	85	130	130
7/4/2023	17	82	116	116
7/4/2023	18	81	116	116
7/4/2023	19	84	123	123
7/4/2023	20	81	116	116
7/4/2023	21	79	111	111
7/4/2023	22	75	100	100
7/4/2023	23	71	95	95
7/4/2023	24	67	85	85
7/5/2023	1	66	100	80
7/5/2023	2	64	100	80
7/5/2023	3	62	100	80
7/5/2023	4	61	100	80
7/5/2023	5	61	100	80
7/5/2023	6	63	100	80
7/5/2023	7	60	100	80
7/5/2023	8	66	100	80
7/5/2023	9	75	100	100
7/5/2023	10	79	112	112
7/5/2023	11	82	120	120
7/5/2023	12	81	120	120
7/5/2023	13	84	128	128
7/5/2023	14	87	135	135
7/5/2023	15	87	135	135
7/5/2023	16	85	130	130
7/5/2023	17	81	116	116
7/5/2023	18	82	116	116

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/5/2023	19	82	116	116
7/5/2023	20	81	116	116
7/5/2023	21	77	110	110
7/5/2023	22	72	100	100
7/5/2023	23	69	90	90
7/5/2023	24	65	90	90
7/6/2023	1	62	100	70
7/6/2023	2	61	100	70
7/6/2023	3	60	100	70
7/6/2023	4	59	100	70
7/6/2023	5	62	100	80
7/6/2023	6	64	100	80
7/6/2023	7	61	100	80
7/6/2023	8	67	100	80
7/6/2023	9	77	100	100
7/6/2023	10	81	112	112
7/6/2023	11	85	120	120
7/6/2023	12	84	120	120
7/6/2023	13	86	128	128
7/6/2023	14	90	135	135
7/6/2023	15	90	135	135
7/6/2023	16	87	135	135
7/6/2023	17	83	120	120
7/6/2023	18	84	135	135
7/6/2023	19	84	135	135
7/6/2023	20	82	120	120
7/6/2023	21	79	110	110
7/6/2023	22	74	100	100
7/6/2023	23	70	90	90
7/6/2023	24	68	85	85
7/7/2023	1	64	80	80
7/7/2023	2	63	80	80
7/7/2023	3	61	75	75
7/7/2023	4	60	76	76
7/7/2023	5	62	80	80
7/7/2023	6	63	80	80
7/7/2023	7	60	72	72
7/7/2023	8	67	85	85
7/7/2023	9	75	100	100
7/7/2023	10	80	105	105
7/7/2023	11	84	115	115
7/7/2023	12	83	110	110
7/7/2023	13	85	113	113
7/7/2023	14	88	123	123
7/7/2023	15	87	124	124
7/7/2023	16	85	118	118
7/7/2023	17	81	110	110
7/7/2023	18	82	110	110
7/7/2023	19	85	120	120
7/7/2023	20	82	111	111
7/7/2023	21	81	106	106
7/7/2023	22	77	100	100
7/7/2023	23	74	95	95
7/7/2023	24	70	90	90
7/8/2023	1	69	100	90
7/8/2023	2	67	100	90
7/8/2023	3	66	100	85
7/8/2023	4	65	100	80
7/8/2023	5	65	100	80
7/8/2023	6	65	100	85
7/8/2023	7	66	100	85
7/8/2023	8	67	100	90
7/8/2023	9	72	100	96
7/8/2023	10	76	100	100
7/8/2023	11	79	106	106

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/8/2023	12	79	107	107
7/8/2023	13	80	108	108
7/8/2023	14	83	118	118
7/8/2023	15	82	116	116
7/8/2023	16	81	118	118
7/8/2023	17	80	118	118
7/8/2023	18	84	123	123
7/8/2023	19	84	123	123
7/8/2023	20	82	120	120
7/8/2023	21	79	110	110
7/8/2023	22	76	100	100
7/8/2023	23	72	100	95
7/8/2023	24	68	100	85
7/9/2023	1	59	70	70
7/9/2023	2	58	70	70
7/9/2023	3	56	70	70
7/9/2023	4	54	70	70
7/9/2023	5	55	70	70
7/9/2023	6	55	70	70
7/9/2023	7	54	70	70
7/9/2023	8	54	70	70
7/9/2023	9	57	70	70
7/9/2023	10	61	80	80
7/9/2023	11	64	80	80
7/9/2023	12	63	80	80
7/9/2023	13	64	80	80
7/9/2023	14	65	80	80
7/9/2023	15	65	80	80
7/9/2023	16	64	80	80
7/9/2023	17	65	80	80
7/9/2023	18	69	100	100
7/9/2023	19	74	100	100
7/9/2023	20	73	100	100
7/9/2023	21	70	100	100
7/9/2023	22	67	100	100
7/9/2023	23	64	90	90
7/9/2023	24	61	80	80
7/10/2023	1	58	81	70
7/10/2023	2	55	70	60
7/10/2023	3	54	60	60
7/10/2023	4	54	60	60
7/10/2023	5	56	70	61
7/10/2023	6	58	93	70
7/10/2023	7	58	90	66
7/10/2023	8	62	90	74
7/10/2023	9	71	100	95
7/10/2023	10	76	100	100
7/10/2023	11	80	105	105
7/10/2023	12	80	100	100
7/10/2023	13	82	105	105
7/10/2023	14	83	113	113
7/10/2023	15	82	110	110
7/10/2023	16	81	110	110
7/10/2023	17	77	100	100
7/10/2023	18	77	100	100
7/10/2023	19	79	103	103
7/10/2023	20	77	100	100
7/10/2023	21	74	100	95
7/10/2023	22	71	91	90
7/10/2023	23	68	90	90
7/10/2023	24	63	80	80
7/11/2023	1	66	100	85
7/11/2023	2	63	100	80
7/11/2023	3	62	100	80
7/11/2023	4	61	100	75

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/11/2023	5	62	100	80
7/11/2023	6	64	100	80
7/11/2023	7	61	100	72
7/11/2023	8	69	100	86
7/11/2023	9	78	109	109
7/11/2023	10	83	120	120
7/11/2023	11	87	130	130
7/11/2023	12	85	125	125
7/11/2023	13	86	128	128
7/11/2023	14	89	138	138
7/11/2023	15	90	138	138
7/11/2023	16	88	138	138
7/11/2023	17	84	130	130
7/11/2023	18	83	127	127
7/11/2023	19	84	131	131
7/11/2023	20	84	127	127
7/11/2023	21	80	118	118
7/11/2023	22	76	105	105
7/11/2023	23	73	100	100
7/11/2023	24	68	100	90
7/12/2023	1	66	100	85
7/12/2023	2	65	100	80
7/12/2023	3	63	100	80
7/12/2023	4	62	100	78
7/12/2023	5	63	100	80
7/12/2023	6	65	100	80
7/12/2023	7	65	100	77
7/12/2023	8	70	100	88
7/12/2023	9	78	105	105
7/12/2023	10	84	119	119
7/12/2023	11	87	130	130
7/12/2023	12	87	131	131
7/12/2023	13	87	132	132
7/12/2023	14	90	138	138
7/12/2023	15	89	138	138
7/12/2023	16	87	138	138
7/12/2023	17	84	128	128
7/12/2023	18	84	128	128
7/12/2023	19	86	136	136
7/12/2023	20	84	128	128
7/12/2023	21	82	123	123
7/12/2023	22	78	108	108
7/12/2023	23	74	100	100
7/12/2023	24	69	100	90
7/13/2023	1	65	100	80
7/13/2023	2	64	100	80
7/13/2023	3	62	100	80
7/13/2023	4	61	100	80
7/13/2023	5	64	100	80
7/13/2023	6	66	100	80
7/13/2023	7	61	100	80
7/13/2023	8	68	100	80
7/13/2023	9	78	115	115
7/13/2023	10	83	135	135
7/13/2023	11	86	135	135
7/13/2023	12	86	135	135
7/13/2023	13	87	135	135
7/13/2023	14	89	138	138
7/13/2023	15	88	138	138
7/13/2023	16	86	136	135
7/13/2023	17	84	135	135
7/13/2023	18	85	136	136
7/13/2023	19	85	136	135
7/13/2023	20	83	135	135
7/13/2023	21	83	135	135

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/13/2023	22	78	135	135
7/13/2023	23	74	112	111
7/13/2023	24	65	100	90
7/14/2023	1	62	100	75
7/14/2023	2	61	100	75
7/14/2023	3	59	100	70
7/14/2023	4	58	100	69
7/14/2023	5	60	100	70
7/14/2023	6	62	100	75
7/14/2023	7	61	100	75
7/14/2023	8	67	100	82
7/14/2023	9	75	100	99
7/14/2023	10	80	110	110
7/14/2023	11	83	119	119
7/14/2023	12	82	115	115
7/14/2023	13	83	118	118
7/14/2023	14	86	132	132
7/14/2023	15	86	131	131
7/14/2023	16	85	127	127
7/14/2023	17	79	112	112
7/14/2023	18	78	109	109
7/14/2023	19	82	120	120
7/14/2023	20	80	116	116
7/14/2023	21	77	110	110
7/14/2023	22	75	101	101
7/14/2023	23	71	100	95
7/14/2023	24	69	100	90
7/15/2023	1	65	100	80
7/15/2023	2	62	100	80
7/15/2023	3	60	100	70
7/15/2023	4	59	100	70
7/15/2023	5	60	100	70
7/15/2023	6	61	100	70
7/15/2023	7	60	100	70
7/15/2023	8	62	100	72
7/15/2023	9	66	100	80
7/15/2023	10	70	100	84
7/15/2023	11	73	100	90
7/15/2023	12	72	100	90
7/15/2023	13	74	100	90
7/15/2023	14	77	100	97
7/15/2023	15	76	100	96
7/15/2023	16	76	100	96
7/15/2023	17	74	100	95
7/15/2023	18	76	100	100
7/15/2023	19	77	102	102
7/15/2023	20	75	100	96
7/15/2023	21	73	100	92
7/15/2023	22	69	100	87
7/15/2023	23	65	100	81
7/15/2023	24	67	100	81
7/16/2023	1	59	75	60
7/16/2023	2	57	75	60
7/16/2023	3	56	75	60
7/16/2023	4	54	75	60
7/16/2023	5	54	75	60
7/16/2023	6	54	75	60
7/16/2023	7	52	75	60
7/16/2023	8	54	80	75
7/16/2023	9	58	80	75
7/16/2023	10	61	80	75
7/16/2023	11	64	80	80
7/16/2023	12	65	80	80
7/16/2023	13	65	80	80
7/16/2023	14	66	80	80

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/16/2023	15	66	80	80
7/16/2023	16	65	80	80
7/16/2023	17	65	80	80
7/16/2023	18	69	100	100
7/16/2023	19	72	100	100
7/16/2023	20	71	100	100
7/16/2023	21	69	100	100
7/16/2023	22	66	100	100
7/16/2023	23	62	80	80
7/16/2023	24	59	80	80
7/17/2023	1	57	100	64
7/17/2023	2	55	60	60
7/17/2023	3	54	60	60
7/17/2023	4	53	60	60
7/17/2023	5	55	60	60
7/17/2023	6	57	64	60
7/17/2023	7	56	60	60
7/17/2023	8	62	100	75
7/17/2023	9	71	100	85
7/17/2023	10	77	100	100
7/17/2023	11	81	105	105
7/17/2023	12	80	100	100
7/17/2023	13	80	104	104
7/17/2023	14	84	111	111
7/17/2023	15	83	111	111
7/17/2023	16	82	111	111
7/17/2023	17	77	100	100
7/17/2023	18	77	103	103
7/17/2023	19	79	110	110
7/17/2023	20	77	105	105
7/17/2023	21	75	100	100
7/17/2023	22	71	100	90
7/17/2023	23	68	100	80
7/17/2023	24	64	100	75
7/18/2023	1	62	100	60
7/18/2023	2	59	100	60
7/18/2023	3	58	100	60
7/18/2023	4	58	100	60
7/18/2023	5	59	100	60
7/18/2023	6	61	100	60
7/18/2023	7	60	100	60
7/18/2023	8	67	100	90
7/18/2023	9	75	100	90
7/18/2023	10	80	105	105
7/18/2023	11	84	115	115
7/18/2023	12	83	115	115
7/18/2023	13	84	116	116
7/18/2023	14	87	130	130
7/18/2023	15	84	130	130
7/18/2023	16	83	115	115
7/18/2023	17	79	105	105
7/18/2023	18	78	105	105
7/18/2023	19	79	105	105
7/18/2023	20	77	100	100
7/18/2023	21	75	100	100
7/18/2023	22	72	100	100
7/18/2023	23	69	100	90
7/18/2023	24	69	100	90
7/19/2023	1	63	100	80
7/19/2023	2	62	100	73
7/19/2023	3	60	100	70
7/19/2023	4	58	100	62
7/19/2023	5	60	100	73
7/19/2023	6	61	100	77
7/19/2023	7	59	100	68

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/19/2023	8	66	100	79
7/19/2023	9	75	100	98
7/19/2023	10	80	105	105
7/19/2023	11	85	120	120
7/19/2023	12	83	114	114
7/19/2023	13	84	113	113
7/19/2023	14	87	121	121
7/19/2023	15	87	121	121
7/19/2023	16	85	119	119
7/19/2023	17	78	100	100
7/19/2023	18	76	100	98
7/19/2023	19	78	100	100
7/19/2023	20	77	100	100
7/19/2023	21	75	100	99
7/19/2023	22	71	100	91
7/19/2023	23	68	100	89
7/19/2023	24	67	100	80
7/20/2023	1	62	80	80
7/20/2023	2	59	74	74
7/20/2023	3	56	66	66
7/20/2023	4	56	70	70
7/20/2023	5	57	70	70
7/20/2023	6	59	72	72
7/20/2023	7	60	74	74
7/20/2023	8	66	81	81
7/20/2023	9	75	101	101
7/20/2023	10	80	109	109
7/20/2023	11	82	117	117
7/20/2023	12	82	115	115
7/20/2023	13	81	111	111
7/20/2023	14	84	118	118
7/20/2023	15	81	112	112
7/20/2023	16	79	110	110
7/20/2023	17	75	101	101
7/20/2023	18	75	103	103
7/20/2023	19	80	113	113
7/20/2023	20	78	108	108
7/20/2023	21	76	104	104
7/20/2023	22	72	100	100
7/20/2023	23	68	90	90
7/20/2023	24	66	85	85
7/21/2023	1	63	80	80
7/21/2023	2	63	80	80
7/21/2023	3	60	80	80
7/21/2023	4	59	75	75
7/21/2023	5	61	75	75
7/21/2023	6	64	78	78
7/21/2023	7	62	75	75
7/21/2023	8	69	89	89
7/21/2023	9	78	109	109
7/21/2023	10	82	124	124
7/21/2023	11	85	134	134
7/21/2023	12	84	126	126
7/21/2023	13	85	132	132
7/21/2023	14	88	138	138
7/21/2023	15	88	138	138
7/21/2023	16	87	138	138
7/21/2023	17	81	121	121
7/21/2023	18	77	112	112
7/21/2023	19	83	131	131
7/21/2023	20	80	119	119
7/21/2023	21	77	110	110
7/21/2023	22	75	105	105
7/21/2023	23	72	105	105
7/21/2023	24	70	100	100

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/22/2023	1	62	70	70
7/22/2023	2	60	70	70
7/22/2023	3	59	70	70
7/22/2023	4	57	70	70
7/22/2023	5	59	70	70
7/22/2023	6	59	70	70
7/22/2023	7	59	70	70
7/22/2023	8	62	80	70
7/22/2023	9	69	90	90
7/22/2023	10	74	105	105
7/22/2023	11	76	115	115
7/22/2023	12	77	115	115
7/22/2023	13	79	115	115
7/22/2023	14	81	130	130
7/22/2023	15	81	130	130
7/22/2023	16	79	115	115
7/22/2023	17	75	115	115
7/22/2023	18	77	115	115
7/22/2023	19	79	120	120
7/22/2023	20	77	115	115
7/22/2023	21	75	110	110
7/22/2023	22	71	105	105
7/22/2023	23	71	105	105
7/22/2023	24	66	90	90
7/23/2023	1	59	75	75
7/23/2023	2	58	75	75
7/23/2023	3	56	64	64
7/23/2023	4	56	61	61
7/23/2023	5	54	60	60
7/23/2023	6	55	60	60
7/23/2023	7	55	60	60
7/23/2023	8	54	60	60
7/23/2023	9	58	65	65
7/23/2023	10	61	69	69
7/23/2023	11	64	75	75
7/23/2023	12	65	78	78
7/23/2023	13	66	78	78
7/23/2023	14	66	78	78
7/23/2023	15	65	78	78
7/23/2023	16	64	78	78
7/23/2023	17	64	78	78
7/23/2023	18	69	87	87
7/23/2023	19	73	96	96
7/23/2023	20	72	94	94
7/23/2023	21	70	89	89
7/23/2023	22	67	85	85
7/23/2023	23	64	82	82
7/23/2023	24	61	74	74
7/24/2023	1	58	60	60
7/24/2023	2	56	60	60
7/24/2023	3	55	60	60
7/24/2023	4	55	60	60
7/24/2023	5	56	60	60
7/24/2023	6	58	60	60
7/24/2023	7	57	60	60
7/24/2023	8	63	70	70
7/24/2023	9	71	90	90
7/24/2023	10	77	105	105
7/24/2023	11	82	120	120
7/24/2023	12	81	115	115
7/24/2023	13	83	115	115
7/24/2023	14	85	130	130
7/24/2023	15	84	130	130
7/24/2023	16	82	116	116
7/24/2023	17	78	115	115

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/24/2023	18	77	115	115
7/24/2023	19	79	120	120
7/24/2023	20	77	115	115
7/24/2023	21	76	110	110
7/24/2023	22	72	105	105
7/24/2023	23	69	105	105
7/24/2023	24	65	90	90
7/25/2023	1	64	72	72
7/25/2023	2	63	71	71
7/25/2023	3	61	70	70
7/25/2023	4	59	66	66
7/25/2023	5	61	71	71
7/25/2023	6	62	70	70
7/25/2023	7	60	67	67
7/25/2023	8	68	84	84
7/25/2023	9	77	100	100
7/25/2023	10	81	108	108
7/25/2023	11	85	121	120
7/25/2023	12	85	118	118
7/25/2023	13	86	122	122
7/25/2023	14	82	111	111
7/25/2023	15	88	135	135
7/25/2023	16	88	136	136
7/25/2023	17	87	132	132
7/25/2023	18	80	111	111
7/25/2023	19	82	118	118
7/25/2023	20	81	114	114
7/25/2023	21	79	107	107
7/25/2023	22	75	97	97
7/25/2023	23	72	90	90
7/25/2023	24	69	89	89
7/26/2023	1	66	82	82
7/26/2023	2	64	80	80
7/26/2023	3	62	76	76
7/26/2023	4	62	75	75
7/26/2023	5	63	75	75
7/26/2023	6	64	80	80
7/26/2023	7	63	75	75
7/26/2023	8	69	84	84
7/26/2023	9	76	102	102
7/26/2023	10	81	114	114
7/26/2023	11	84	127	127
7/26/2023	12	84	126	126
7/26/2023	13	84	129	129
7/26/2023	14	87	137	137
7/26/2023	15	87	137	137
7/26/2023	16	85	134	134
7/26/2023	17	81	120	120
7/26/2023	18	81	122	122
7/26/2023	19	83	130	130
7/26/2023	20	82	123	123
7/26/2023	21	80	118	118
7/26/2023	22	76	105	105
7/26/2023	23	73	97	97
7/26/2023	24	67	85	85
7/27/2023	1	63	75	75
7/27/2023	2	62	72	72
7/27/2023	3	59	65	65
7/27/2023	4	58	62	62
7/27/2023	5	60	67	67
7/27/2023	6	61	69	69
7/27/2023	7	59	66	66
7/27/2023	8	66	78	78
7/27/2023	9	75	95	95
7/27/2023	10	80	110	110

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/27/2023	11	84	126	126
7/27/2023	12	83	122	122
7/27/2023	13	84	125	125
7/27/2023	14	88	138	138
7/27/2023	15	87	138	138
7/27/2023	16	86	134	134
7/27/2023	17	80	115	115
7/27/2023	18	78	111	111
7/27/2023	19	80	117	117
7/27/2023	20	79	114	114
7/27/2023	21	77	107	107
7/27/2023	22	73	100	100
7/27/2023	23	70	90	90
7/27/2023	24	65	80	80
7/28/2023	1	61	75	75
7/28/2023	2	59	70	70
7/28/2023	3	58	70	70
7/28/2023	4	57	65	65
7/28/2023	5	59	70	70
7/28/2023	6	61	74	74
7/28/2023	7	59	70	70
7/28/2023	8	67	82	82
7/28/2023	9	75	100	100
7/28/2023	10	80	109	109
7/28/2023	11	84	121	121
7/28/2023	12	82	118	118
7/28/2023	13	83	120	120
7/28/2023	14	86	134	133
7/28/2023	15	83	123	123
7/28/2023	16	82	119	119
7/28/2023	17	78	110	110
7/28/2023	18	77	107	107
7/28/2023	19	78	110	110
7/28/2023	20	76	105	105
7/28/2023	21	74	100	100
7/28/2023	22	70	90	90
7/28/2023	23	68	85	85
7/28/2023	24	66	80	80
7/29/2023	1	60	71	71
7/29/2023	2	58	66	66
7/29/2023	3	57	65	65
7/29/2023	4	55	65	65
7/29/2023	5	56	65	65
7/29/2023	6	57	65	65
7/29/2023	7	56	66	66
7/29/2023	8	59	69	69
7/29/2023	9	66	84	84
7/29/2023	10	71	94	94
7/29/2023	11	73	97	97
7/29/2023	12	74	95	95
7/29/2023	13	75	99	99
7/29/2023	14	77	105	105
7/29/2023	15	77	105	105
7/29/2023	16	75	101	101
7/29/2023	17	72	97	97
7/29/2023	18	75	101	101
7/29/2023	19	76	105	105
7/29/2023	20	74	100	100
7/29/2023	21	72	96	96
7/29/2023	22	70	90	90
7/29/2023	23	68	84	84
7/29/2023	24	63	78	78
7/30/2023	1	61	75	75
7/30/2023	2	59	70	70
7/30/2023	3	58	70	70

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
7/30/2023	4	57	65	65
7/30/2023	5	59	70	70
7/30/2023	6	61	74	74
7/30/2023	7	59	70	70
7/30/2023	8	67	82	82
7/30/2023	9	75	100	100
7/30/2023	10	80	109	109
7/30/2023	11	84	121	121
7/30/2023	12	82	118	118
7/30/2023	13	83	120	120
7/30/2023	14	86	134	133
7/30/2023	15	83	123	123
7/30/2023	16	82	119	119
7/30/2023	17	78	110	110
7/30/2023	18	77	107	107
7/30/2023	19	78	110	110
7/30/2023	20	76	105	105
7/30/2023	21	74	100	100
7/30/2023	22	70	90	90
7/30/2023	23	68	85	85
7/30/2023	24	66	80	80
7/31/2023	1	57	64	64
7/31/2023	2	56	60	60
7/31/2023	3	54	60	60
7/31/2023	4	54	60	60
7/31/2023	5	54	60	60
7/31/2023	6	57	60	60
7/31/2023	7	57	66	66
7/31/2023	8	63	73	73
7/31/2023	9	72	90	90
7/31/2023	10	77	103	103
7/31/2023	11	81	113	113
7/31/2023	12	80	111	111
7/31/2023	13	81	114	114
7/31/2023	14	83	121	121
7/31/2023	15	83	122	122
7/31/2023	16	81	117	117
7/31/2023	17	77	106	106
7/31/2023	18	76	106	106
7/31/2023	19	78	113	113
7/31/2023	20	77	108	108
7/31/2023	21	74	100	100
7/31/2023	22	71	92	92
7/31/2023	23	67	84	84
7/31/2023	24	64	77	77
8/1/2023	1	64	100	68
8/1/2023	2	63	100	65
8/1/2023	3	60	100	60
8/1/2023	4	59	100	60
8/1/2023	5	61	100	60
8/1/2023	6	62	100	61
8/1/2023	7	59	100	66
8/1/2023	8	67	100	69
8/1/2023	9	76	100	85
8/1/2023	10	81	100	99
8/1/2023	11	85	110	110
8/1/2023	12	84	107	107
8/1/2023	13	85	109	109
8/1/2023	14	88	120	120
8/1/2023	15	88	121	121
8/1/2023	16	86	118	118
8/1/2023	17	80	106	106
8/1/2023	18	79	103	103
8/1/2023	19	81	111	111
8/1/2023	20	80	110	110

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/1/2023	21	77	103	103
8/1/2023	22	74	100	92
8/1/2023	23	71	100	87
8/1/2023	24	68	100	80
8/2/2023	1	65	100	72
8/2/2023	2	63	100	70
8/2/2023	3	62	100	70
8/2/2023	4	62	100	70
8/2/2023	5	63	100	70
8/2/2023	6	64	100	70
8/2/2023	7	62	100	67
8/2/2023	8	69	100	81
8/2/2023	9	79	101	101
8/2/2023	10	84	115	115
8/2/2023	11	87	124	124
8/2/2023	12	86	120	120
8/2/2023	13	87	124	124
8/2/2023	14	90	138	138
8/2/2023	15	90	138	138
8/2/2023	16	89	135	135
8/2/2023	17	83	117	117
8/2/2023	18	82	114	114
8/2/2023	19	86	128	128
8/2/2023	20	84	120	120
8/2/2023	21	82	117	117
8/2/2023	22	79	115	115
8/2/2023	23	75	100	96
8/2/2023	24	65	100	73
8/3/2023	1	67	100	80
8/3/2023	2	62	100	70
8/3/2023	3	62	100	70
8/3/2023	4	61	100	70
8/3/2023	5	62	100	70
8/3/2023	6	65	100	80
8/3/2023	7	64	100	80
8/3/2023	8	71	100	100
8/3/2023	9	80	135	135
8/3/2023	10	83	135	135
8/3/2023	11	86	135	135
8/3/2023	12	85	135	135
8/3/2023	13	86	135	135
8/3/2023	14	90	138	138
8/3/2023	15	89	138	138
8/3/2023	16	88	138	138
8/3/2023	17	84	135	135
8/3/2023	18	85	135	135
8/3/2023	19	86	135	135
8/3/2023	20	85	135	135
8/3/2023	21	82	135	135
8/3/2023	22	78	135	135
8/3/2023	23	74	100	100
8/3/2023	24	68	100	90
8/4/2023	1	68	100	82
8/4/2023	2	66	100	80
8/4/2023	3	64	100	75
8/4/2023	4	62	100	70
8/4/2023	5	62	100	70
8/4/2023	6	63	100	75
8/4/2023	7	60	100	70
8/4/2023	8	68	100	79
8/4/2023	9	77	100	99
8/4/2023	10	82	112	112
8/4/2023	11	85	120	120
8/4/2023	12	85	118	118
8/4/2023	13	87	125	125

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/4/2023	14	90	138	138
8/4/2023	15	89	138	138
8/4/2023	16	88	137	137
8/4/2023	17	84	123	123
8/4/2023	18	82	120	120
8/4/2023	19	86	130	130
8/4/2023	20	84	122	122
8/4/2023	21	82	119	119
8/4/2023	22	79	110	110
8/4/2023	23	75	100	100
8/4/2023	24	71	100	90
8/5/2023	1	62	100	70
8/5/2023	2	61	100	68
8/5/2023	3	60	100	65
8/5/2023	4	58	100	61
8/5/2023	5	58	100	61
8/5/2023	6	60	100	65
8/5/2023	7	60	100	66
8/5/2023	8	65	100	74
8/5/2023	9	70	100	85
8/5/2023	10	74	100	94
8/5/2023	11	78	100	100
8/5/2023	12	78	100	100
8/5/2023	13	79	104	104
8/5/2023	14	81	111	111
8/5/2023	15	81	110	110
8/5/2023	16	79	107	107
8/5/2023	17	77	107	106
8/5/2023	18	81	113	113
8/5/2023	19	82	119	119
8/5/2023	20	81	114	114
8/5/2023	21	78	107	106
8/5/2023	22	76	100	99
8/5/2023	23	73	100	94
8/5/2023	24	68	100	80
8/6/2023	1	64	100	75
8/6/2023	2	60	100	70
8/6/2023	3	59	100	70
8/6/2023	4	58	100	70
8/6/2023	5	58	100	70
8/6/2023	6	58	100	70
8/6/2023	7	56	100	67
8/6/2023	8	57	100	70
8/6/2023	9	61	100	90
8/6/2023	10	64	100	90
8/6/2023	11	66	100	90
8/6/2023	12	66	100	90
8/6/2023	13	68	100	90
8/6/2023	14	69	100	90
8/6/2023	15	68	100	90
8/6/2023	16	67	100	90
8/6/2023	17	67	100	90
8/6/2023	18	72	100	100
8/6/2023	19	77	110	110
8/6/2023	20	75	106	106
8/6/2023	21	75	100	100
8/6/2023	22	71	100	90
8/6/2023	23	67	100	81
8/6/2023	24	63	100	80
8/7/2023	1	60	100	67
8/7/2023	2	58	100	63
8/7/2023	3	55	100	60
8/7/2023	4	55	100	60
8/7/2023	5	56	100	60
8/7/2023	6	58	100	60

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/7/2023	7	59	100	66
8/7/2023	8	65	100	75
8/7/2023	9	75	100	97
8/7/2023	10	82	113	113
8/7/2023	11	86	125	125
8/7/2023	12	88	129	129
8/7/2023	13	86	124	124
8/7/2023	14	88	134	134
8/7/2023	15	86	129	129
8/7/2023	16	84	123	123
8/7/2023	17	80	115	110
8/7/2023	18	82	118	118
8/7/2023	19	84	124	124
8/7/2023	20	81	116	116
8/7/2023	21	80	110	110
8/7/2023	22	76	100	100
8/7/2023	23	72	100	91
8/7/2023	24	69	100	83
8/8/2023	1	67	100	86
8/8/2023	2	66	100	85
8/8/2023	3	63	100	78
8/8/2023	4	62	100	75
8/8/2023	5	64	100	80
8/8/2023	6	65	100	80
8/8/2023	7	62	100	75
8/8/2023	8	69	100	88
8/8/2023	9	79	107	106
8/8/2023	10	84	114	114
8/8/2023	11	88	125	125
8/8/2023	12	87	123	123
8/8/2023	13	88	128	128
8/8/2023	14	92	138	138
8/8/2023	15	92	138	138
8/8/2023	16	90	134	134
8/8/2023	17	85	114	114
8/8/2023	18	82	107	107
8/8/2023	19	86	116	116
8/8/2023	20	85	114	114
8/8/2023	21	83	108	108
8/8/2023	22	79	103	103
8/8/2023	23	76	100	100
8/8/2023	24	69	100	100
8/9/2023	1	66	81	81
8/9/2023	2	63	75	75
8/9/2023	3	61	71	71
8/9/2023	4	60	71	71
8/9/2023	5	60	71	71
8/9/2023	6	62	71	71
8/9/2023	7	60	71	71
8/9/2023	8	67	81	81
8/9/2023	9	77	96	96
8/9/2023	10	82	106	106
8/9/2023	11	85	108	108
8/9/2023	12	84	107	107
8/9/2023	13	86	113	113
8/9/2023	14	90	125	125
8/9/2023	15	89	124	124
8/9/2023	16	88	121	121
8/9/2023	17	83	109	109
8/9/2023	18	82	106	106
8/9/2023	19	85	117	117
8/9/2023	20	83	111	111
8/9/2023	21	82	107	107
8/9/2023	22	79	102	102
8/9/2023	23	74	93	93

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/9/2023	24	70	86	86
8/10/2023	1	69	83	83
8/10/2023	2	66	80	80
8/10/2023	3	64	75	75
8/10/2023	4	64	75	75
8/10/2023	5	62	74	74
8/10/2023	6	65	75	75
8/10/2023	7	62	70	70
8/10/2023	8	69	81	81
8/10/2023	9	79	98	98
8/10/2023	10	85	110	110
8/10/2023	11	88	119	119
8/10/2023	12	88	118	118
8/10/2023	13	90	125	125
8/10/2023	14	93	138	138
8/10/2023	15	92	138	138
8/10/2023	16	91	138	138
8/10/2023	17	86	121	121
8/10/2023	18	85	119	119
8/10/2023	19	89	130	130
8/10/2023	20	86	123	123
8/10/2023	21	84	118	118
8/10/2023	22	81	106	106
8/10/2023	23	77	99	99
8/10/2023	24	73	90	90
8/11/2023	1	68	100	100
8/11/2023	2	66	100	100
8/11/2023	3	63	100	100
8/11/2023	4	62	90	90
8/11/2023	5	62	90	90
8/11/2023	6	65	100	100
8/11/2023	7	62	85	85
8/11/2023	8	69	100	100
8/11/2023	9	79	100	100
8/11/2023	10	85	110	110
8/11/2023	11	87	116	116
8/11/2023	12	87	115	115
8/11/2023	13	89	122	122
8/11/2023	14	92	138	138
8/11/2023	15	91	137	137
8/11/2023	16	90	132	132
8/11/2023	17	86	117	117
8/11/2023	18	84	113	113
8/11/2023	19	88	124	124
8/11/2023	20	86	119	119
8/11/2023	21	84	113	113
8/11/2023	22	81	105	105
8/11/2023	23	77	100	100
8/11/2023	24	72	100	100
8/12/2023	1	66	99	99
8/12/2023	2	61	70	70
8/12/2023	3	60	65	65
8/12/2023	4	58	60	60
8/12/2023	5	58	60	60
8/12/2023	6	60	65	65
8/12/2023	7	60	66	66
8/12/2023	8	65	74	70
8/12/2023	9	70	90	90
8/12/2023	10	75	90	90
8/12/2023	11	79	95	95
8/12/2023	12	79	95	95
8/12/2023	13	80	96	96
8/12/2023	14	83	103	103
8/12/2023	15	81	101	101
8/12/2023	16	82	103	103

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/12/2023	17	81	100	100
8/12/2023	18	78	100	100
8/12/2023	19	83	107	107
8/12/2023	20	81	104	104
8/12/2023	21	80	100	100
8/12/2023	22	76	95	95
8/12/2023	23	74	90	90
8/12/2023	24	70	80	80
8/13/2023	1	63	70	70
8/13/2023	2	61	70	70
8/13/2023	3	59	70	70
8/13/2023	4	57	70	70
8/13/2023	5	57	70	70
8/13/2023	6	57	70	70
8/13/2023	7	54	70	70
8/13/2023	8	56	70	70
8/13/2023	9	59	70	70
8/13/2023	10	62	80	80
8/13/2023	11	65	80	80
8/13/2023	12	66	80	80
8/13/2023	13	67	90	90
8/13/2023	14	68	90	90
8/13/2023	15	67	90	90
8/13/2023	16	67	90	90
8/13/2023	17	67	90	90
8/13/2023	18	71	100	100
8/13/2023	19	76	110	110
8/13/2023	20	74	106	100
8/13/2023	21	73	100	100
8/13/2023	22	70	90	90
8/13/2023	23	67	81	81
8/13/2023	24	64	80	80
8/14/2023	1	62	70	70
8/14/2023	2	59	63	63
8/14/2023	3	57	60	60
8/14/2023	4	57	60	60
8/14/2023	5	57	60	60
8/14/2023	6	60	70	70
8/14/2023	7	59	66	66
8/14/2023	8	66	74	74
8/14/2023	9	74	90	90
8/14/2023	10	79	100	100
8/14/2023	11	83	106	106
8/14/2023	12	82	102	102
8/14/2023	13	83	105	105
8/14/2023	14	85	112	112
8/14/2023	15	84	108	108
8/14/2023	16	83	108	108
8/14/2023	17	79	100	100
8/14/2023	18	78	100	100
8/14/2023	19	80	101	101
8/14/2023	20	78	100	100
8/14/2023	21	76	100	100
8/14/2023	22	74	100	100
8/14/2023	23	70	90	90
8/14/2023	24	66	80	80
8/15/2023	1	67	90	90
8/15/2023	2	66	79	79
8/15/2023	3	63	75	75
8/15/2023	4	62	75	75
8/15/2023	5	64	71	71
8/15/2023	6	65	74	74
8/15/2023	7	63	70	70
8/15/2023	8	70	80	80
8/15/2023	9	79	97	97

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/15/2023	10	84	106	106
8/15/2023	11	92	132	132
8/15/2023	12	87	117	117
8/15/2023	13	87	116	116
8/15/2023	14	88	120	120
8/15/2023	15	91	135	134
8/15/2023	16	90	130	130
8/15/2023	17	85	114	114
8/15/2023	18	82	107	107
8/15/2023	19	86	119	119
8/15/2023	20	85	116	116
8/15/2023	21	83	108	108
8/15/2023	22	80	101	101
8/15/2023	23	76	94	94
8/15/2023	24	70	80	80
8/16/2023	1	64	74	74
8/16/2023	2	62	70	70
8/16/2023	3	61	65	65
8/16/2023	4	60	64	64
8/16/2023	5	62	70	70
8/16/2023	6	64	74	74
8/16/2023	7	62	70	70
8/16/2023	8	68	100	100
8/16/2023	9	76	100	100
8/16/2023	10	81	102	102
8/16/2023	11	85	110	110
8/16/2023	12	84	108	108
8/16/2023	13	86	111	111
8/16/2023	14	89	123	123
8/16/2023	15	89	122	122
8/16/2023	16	87	118	118
8/16/2023	17	83	106	106
8/16/2023	18	83	107	107
8/16/2023	19	85	113	113
8/16/2023	20	82	107	107
8/16/2023	21	81	103	103
8/16/2023	22	76	100	100
8/16/2023	23	72	90	90
8/16/2023	24	71	85	85
8/17/2023	1	63	100	100
8/17/2023	2	61	90	90
8/17/2023	3	59	65	65
8/17/2023	4	58	60	60
8/17/2023	5	60	70	70
8/17/2023	6	60	72	72
8/17/2023	7	59	66	66
8/17/2023	8	65	77	77
8/17/2023	9	75	100	100
8/17/2023	10	80	101	101
8/17/2023	11	84	106	106
8/17/2023	12	82	103	103
8/17/2023	13	84	108	108
8/17/2023	14	88	119	119
8/17/2023	15	87	117	117
8/17/2023	16	85	112	112
8/17/2023	17	80	101	101
8/17/2023	18	79	100	100
8/17/2023	19	82	105	105
8/17/2023	20	79	100	100
8/17/2023	21	78	100	100
8/17/2023	22	75	95	95
8/17/2023	23	71	88	88
8/17/2023	24	68	80	80
8/18/2023	1	61	70	70
8/18/2023	2	60	62	62

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/18/2023	3	58	60	60
8/18/2023	4	59	60	60
8/18/2023	5	59	61	61
8/18/2023	6	64	70	70
8/18/2023	7	62	67	67
8/18/2023	8	68	100	100
8/18/2023	9	77	95	95
8/18/2023	10	81	102	102
8/18/2023	11	84	106	106
8/18/2023	12	82	103	103
8/18/2023	13	83	106	106
8/18/2023	14	85	115	115
8/18/2023	15	85	111	111
8/18/2023	16	81	105	105
8/18/2023	17	79	100	100
8/18/2023	18	81	104	104
8/18/2023	19	82	107	107
8/18/2023	20	80	102	102
8/18/2023	21	78	97	97
8/18/2023	22	74	90	90
8/18/2023	23	72	86	86
8/18/2023	24	70	82	82
8/19/2023	1	66	100	100
8/19/2023	2	64	85	85
8/19/2023	3	62	70	70
8/19/2023	4	61	67	67
8/19/2023	5	61	69	69
8/19/2023	6	61	69	69
8/19/2023	7	59	66	66
8/19/2023	8	63	70	70
8/19/2023	9	70	89	89
8/19/2023	10	75	92	92
8/19/2023	11	78	98	98
8/19/2023	12	78	98	98
8/19/2023	13	78	99	99
8/19/2023	14	83	109	109
8/19/2023	15	83	108	108
8/19/2023	16	82	105	105
8/19/2023	17	78	100	100
8/19/2023	18	80	100	100
8/19/2023	19	86	118	118
8/19/2023	20	83	111	111
8/19/2023	21	82	109	109
8/19/2023	22	79	110	110
8/19/2023	23	74	98	98
8/19/2023	24	71	95	95
8/20/2023	1	59	60	60
8/20/2023	2	58	60	60
8/20/2023	3	57	60	60
8/20/2023	4	56	60	60
8/20/2023	5	56	60	60
8/20/2023	6	58	60	60
8/20/2023	7	57	60	60
8/20/2023	8	61	90	90
8/20/2023	9	66	100	100
8/20/2023	10	70	100	100
8/20/2023	11	72	100	100
8/20/2023	12	71	100	100
8/20/2023	13	71	90	90
8/20/2023	14	74	100	100
8/20/2023	15	72	100	100
8/20/2023	16	70	90	90
8/20/2023	17	69	90	90
8/20/2023	18	74	100	100
8/20/2023	19	75	100	100

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/20/2023	20	74	100	100
8/20/2023	21	71	90	90
8/20/2023	22	67	80	80
8/20/2023	23	65	80	80
8/20/2023	24	61	70	70
8/21/2023	1	59	60	60
8/21/2023	2	56	60	60
8/21/2023	3	55	60	60
8/21/2023	4	54	60	60
8/21/2023	5	54	60	60
8/21/2023	6	55	60	60
8/21/2023	7	53	60	60
8/21/2023	8	57	70	70
8/21/2023	9	62	90	90
8/21/2023	10	67	100	100
8/21/2023	11	70	100	100
8/21/2023	12	70	100	100
8/21/2023	13	72	90	90
8/21/2023	14	75	100	100
8/21/2023	15	74	100	100
8/21/2023	16	71	90	90
8/21/2023	17	70	90	90
8/21/2023	18	74	100	100
8/21/2023	19	77	100	100
8/21/2023	20	76	100	100
8/21/2023	21	73	90	90
8/21/2023	22	68	80	80
8/21/2023	23	65	80	80
8/21/2023	24	60	70	70
8/22/2023	1	58	70	70
8/22/2023	2	58	70	70
8/22/2023	3	55	75	75
8/22/2023	4	54	65	65
8/22/2023	5	56	90	90
8/22/2023	6	57	100	100
8/22/2023	7	57	92	92
8/22/2023	8	63	100	100
8/22/2023	9	70	100	100
8/22/2023	10	78	115	115
8/22/2023	11	82	125	125
8/22/2023	12	82	125	125
8/22/2023	13	82	125	125
8/22/2023	14	83	125	125
8/22/2023	15	81	124	124
8/22/2023	16	79	115	115
8/22/2023	17	76	115	115
8/22/2023	18	78	115	115
8/22/2023	19	79	115	115
8/22/2023	20	76	115	115
8/22/2023	21	73	100	100
8/22/2023	22	69	100	100
8/22/2023	23	66	100	100
8/22/2023	24	63	100	100
8/23/2023	1	66	100	100
8/23/2023	2	62	100	100
8/23/2023	3	61	100	100
8/23/2023	4	60	100	100
8/23/2023	5	62	100	100
8/23/2023	6	64	100	100
8/23/2023	7	62	100	100
8/23/2023	8	68	100	100
8/23/2023	9	76	105	105
8/23/2023	10	81	120	120
8/23/2023	11	84	136	136
8/23/2023	12	84	132	132

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/23/2023	13	85	130	130
8/23/2023	14	88	138	138
8/23/2023	15	87	138	138
8/23/2023	16	86	128	128
8/23/2023	17	82	114	114
8/23/2023	18	82	114	114
8/23/2023	19	84	121	121
8/23/2023	20	82	115	115
8/23/2023	21	80	106	106
8/23/2023	22	76	100	100
8/23/2023	23	72	100	100
8/23/2023	24	67	100	100
8/24/2023	1	62	100	82
8/24/2023	2	60	100	76
8/24/2023	3	58	100	71
8/24/2023	4	58	100	70
8/24/2023	5	61	100	77
8/24/2023	6	63	100	83
8/24/2023	7	60	100	75
8/24/2023	8	66	100	86
8/24/2023	9	74	104	104
8/24/2023	10	79	118	118
8/24/2023	11	82	138	138
8/24/2023	12	81	131	131
8/24/2023	13	83	138	138
8/24/2023	14	86	138	138
8/24/2023	15	86	138	138
8/24/2023	16	84	138	138
8/24/2023	17	80	131	131
8/24/2023	18	80	132	132
8/24/2023	19	81	137	137
8/24/2023	20	80	130	130
8/24/2023	21	78	121	121
8/24/2023	22	74	110	110
8/24/2023	23	70	102	102
8/24/2023	24	65	100	90
8/25/2023	1	63	100	80
8/25/2023	2	61	100	76
8/25/2023	3	58	100	68
8/25/2023	4	58	100	67
8/25/2023	5	59	100	70
8/25/2023	6	61	100	76
8/25/2023	7	60	100	72
8/25/2023	8	64	100	81
8/25/2023	9	74	100	99
8/25/2023	10	79	115	115
8/25/2023	11	83	127	127
8/25/2023	12	81	120	120
8/25/2023	13	83	128	128
8/25/2023	14	86	138	138
8/25/2023	15	84	134	134
8/25/2023	16	81	125	125
8/25/2023	17	79	118	118
8/25/2023	18	81	123	123
8/25/2023	19	80	120	120
8/25/2023	20	77	113	113
8/25/2023	21	75	104	104
8/25/2023	22	72	101	101
8/25/2023	23	68	100	92
8/25/2023	24	65	100	84
8/26/2023	1	65	100	100
8/26/2023	2	63	90	90
8/26/2023	3	62	90	90
8/26/2023	4	61	90	87
8/26/2023	5	61	90	87

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/26/2023	6	62	90	90
8/26/2023	7	60	80	80
8/26/2023	8	62	90	90
8/26/2023	9	68	95	95
8/26/2023	10	72	105	105
8/26/2023	11	74	115	115
8/26/2023	12	73	115	115
8/26/2023	13	74	115	115
8/26/2023	14	76	115	115
8/26/2023	15	75	115	115
8/26/2023	16	73	115	115
8/26/2023	17	72	115	115
8/26/2023	18	78	135	135
8/26/2023	19	80	135	135
8/26/2023	20	78	135	135
8/26/2023	21	75	135	115
8/26/2023	22	71	115	115
8/26/2023	23	68	100	100
8/26/2023	24	63	100	100
8/27/2023	1	60	78	78
8/27/2023	2	58	72	72
8/27/2023	3	57	69	69
8/27/2023	4	55	66	66
8/27/2023	5	55	65	65
8/27/2023	6	55	66	66
8/27/2023	7	55	66	66
8/27/2023	8	55	66	66
8/27/2023	9	58	66	66
8/27/2023	10	61	72	72
8/27/2023	11	64	78	78
8/27/2023	12	65	80	80
8/27/2023	13	65	82	82
8/27/2023	14	66	84	84
8/27/2023	15	65	84	84
8/27/2023	16	64	83	83
8/27/2023	17	65	85	85
8/27/2023	18	70	99	99
8/27/2023	19	72	104	104
8/27/2023	20	71	102	102
8/27/2023	21	69	98	98
8/27/2023	22	66	90	90
8/27/2023	23	63	87	87
8/27/2023	24	60	78	78
8/28/2023	1	57	70	70
8/28/2023	2	54	70	70
8/28/2023	3	53	70	70
8/28/2023	4	52	70	70
8/28/2023	5	54	70	70
8/28/2023	6	56	70	70
8/28/2023	7	54	70	70
8/28/2023	8	55	70	70
8/28/2023	9	61	80	80
8/28/2023	10	67	90	90
8/28/2023	11	70	100	100
8/28/2023	12	69	100	100
8/28/2023	13	70	115	115
8/28/2023	14	72	115	115
8/28/2023	15	71	115	115
8/28/2023	16	69	105	105
8/28/2023	17	69	105	105
8/28/2023	18	74	120	120
8/28/2023	19	74	120	120
8/28/2023	20	72	115	115
8/28/2023	21	71	115	115
8/28/2023	22	67	100	100

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/28/2023	23	63	100	100
8/28/2023	24	60	90	90
8/29/2023	1	61	80	80
8/29/2023	2	58	74	74
8/29/2023	3	57	70	70
8/29/2023	4	56	67	67
8/29/2023	5	57	71	71
8/29/2023	6	59	76	76
8/29/2023	7	58	71	71
8/29/2023	8	64	86	86
8/29/2023	9	73	108	108
8/29/2023	10	77	121	121
8/29/2023	11	81	138	138
8/29/2023	12	80	134	134
8/29/2023	13	80	138	138
8/29/2023	14	82	138	138
8/29/2023	15	81	138	138
8/29/2023	16	79	132	132
8/29/2023	17	76	122	122
8/29/2023	18	77	125	125
8/29/2023	19	78	133	133
8/29/2023	20	76	123	123
8/29/2023	21	75	118	118
8/29/2023	22	71	108	108
8/29/2023	23	68	100	100
8/29/2023	24	65	91	91
8/30/2023	1	63	86	86
8/30/2023	2	61	81	81
8/30/2023	3	59	77	77
8/30/2023	4	59	75	75
8/30/2023	5	60	78	78
8/30/2023	6	63	85	85
8/30/2023	7	61	81	81
8/30/2023	8	67	96	96
8/30/2023	9	77	124	124
8/30/2023	10	82	138	138
8/30/2023	11	85	138	138
8/30/2023	12	84	138	138
8/30/2023	13	86	138	138
8/30/2023	14	88	138	138
8/30/2023	15	87	138	138
8/30/2023	16	85	138	138
8/30/2023	17	81	138	138
8/30/2023	18	82	138	138
8/30/2023	19	83	138	138
8/30/2023	20	80	138	138
8/30/2023	21	79	133	133
8/30/2023	22	75	121	121
8/30/2023	23	71	110	110
8/30/2023	24	67	99	99
8/31/2023	1	65	91	91
8/31/2023	2	63	85	85
8/31/2023	3	61	81	81
8/31/2023	4	60	80	80
8/31/2023	5	62	84	84
8/31/2023	6	65	91	91
8/31/2023	7	62	83	83
8/31/2023	8	68	97	97
8/31/2023	9	76	124	124
8/31/2023	10	81	138	138
8/31/2023	11	85	138	138
8/31/2023	12	84	138	138
8/31/2023	13	85	138	138
8/31/2023	14	88	138	138
8/31/2023	15	88	138	138

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
8/31/2023	16	86	138	138
8/31/2023	17	82	138	138
8/31/2023	18	82	138	138
8/31/2023	19	83	138	138
8/31/2023	20	82	138	138
8/31/2023	21	79	138	138
8/31/2023	22	76	127	127
8/31/2023	23	72	111	111
8/31/2023	24	66	95	95
9/1/2023	1	68	102	102
9/1/2023	2	67	97	97
9/1/2023	3	66	91	91
9/1/2023	4	65	87	87
9/1/2023	5	66	100	86
9/1/2023	6	66	100	86
9/1/2023	7	63	100	77
9/1/2023	8	71	100	97
9/1/2023	9	78	120	120
9/1/2023	10	84	138	138
9/1/2023	11	87	138	138
9/1/2023	12	85	138	138
9/1/2023	13	86	138	138
9/1/2023	14	89	138	138
9/1/2023	15	87	138	138
9/1/2023	16	84	138	138
9/1/2023	17	81	136	136
9/1/2023	18	82	138	138
9/1/2023	19	82	138	138
9/1/2023	20	82	138	138
9/1/2023	21	79	128	128
9/1/2023	22	77	118	118
9/1/2023	23	72	103	103
9/1/2023	24	68	100	92
9/2/2023	1	68	100	92
9/2/2023	2	66	100	86
9/2/2023	3	64	100	81
9/2/2023	4	63	100	76
9/2/2023	5	63	100	76
9/2/2023	6	63	100	78
9/2/2023	7	61	100	70
9/2/2023	8	65	100	80
9/2/2023	9	71	100	96
9/2/2023	10	76	108	108
9/2/2023	11	79	120	120
9/2/2023	12	78	116	116
9/2/2023	13	79	118	118
9/2/2023	14	81	131	131
9/2/2023	15	80	128	128
9/2/2023	16	79	122	122
9/2/2023	17	77	116	116
9/2/2023	18	80	132	132
9/2/2023	19	83	138	138
9/2/2023	20	79	127	127
9/2/2023	21	78	123	123
9/2/2023	22	74	108	108
9/2/2023	23	70	100	96
9/2/2023	24	67	100	88
9/3/2023	1	61	74	73
9/3/2023	2	60	75	70
9/3/2023	3	58	75	63
9/3/2023	4	57	75	75
9/3/2023	5	57	75	71
9/3/2023	6	56	75	70
9/3/2023	7	56	77	76
9/3/2023	8	56	66	66

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/3/2023	9	59	80	80
9/3/2023	10	62	80	80
9/3/2023	11	65	80	80
9/3/2023	12	67	80	80
9/3/2023	13	67	81	81
9/3/2023	14	68	93	93
9/3/2023	15	67	86	85
9/3/2023	16	66	80	80
9/3/2023	17	66	80	80
9/3/2023	18	71	100	100
9/3/2023	19	73	100	100
9/3/2023	20	71	100	100
9/3/2023	21	70	100	100
9/3/2023	22	67	100	100
9/3/2023	23	63	80	80
9/3/2023	24	59	65	65
9/4/2023	1	60	70	70
9/4/2023	2	58	65	65
9/4/2023	3	57	62	62
9/4/2023	4	56	62	62
9/4/2023	5	58	70	70
9/4/2023	6	59	68	68
9/4/2023	7	58	70	70
9/4/2023	8	65	100	100
9/4/2023	9	73	100	100
9/4/2023	10	79	110	110
9/4/2023	11	81	116	116
9/4/2023	12	80	114	114
9/4/2023	13	82	122	122
9/4/2023	14	84	127	127
9/4/2023	15	83	121	121
9/4/2023	16	82	119	119
9/4/2023	17	79	114	114
9/4/2023	18	80	117	117
9/4/2023	19	82	124	124
9/4/2023	20	81	119	119
9/4/2023	21	80	116	116
9/4/2023	22	76	104	104
9/4/2023	23	72	100	100
9/4/2023	24	68	100	100
9/5/2023	1	67	100	100
9/5/2023	2	65	100	100
9/5/2023	3	63	100	100
9/5/2023	4	62	100	100
9/5/2023	5	65	100	100
9/5/2023	6	65	100	100
9/5/2023	7	60	100	100
9/5/2023	8	68	100	100
9/5/2023	9	78	112	112
9/5/2023	10	83	131	131
9/5/2023	11	87	138	138
9/5/2023	12	86	138	138
9/5/2023	13	88	138	138
9/5/2023	14	91	138	138
9/5/2023	15	90	138	138
9/5/2023	16	89	138	138
9/5/2023	17	85	133	133
9/5/2023	18	86	138	138
9/5/2023	19	87	138	138
9/5/2023	20	86	138	138
9/5/2023	21	85	138	138
9/5/2023	22	80	124	124
9/5/2023	23	76	106	106
9/5/2023	24	73	100	100
9/6/2023	1	65	100	100

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/6/2023	2	62	100	100
9/6/2023	3	61	100	100
9/6/2023	4	61	100	100
9/6/2023	5	62	100	100
9/6/2023	6	64	100	100
9/6/2023	7	62	100	100
9/6/2023	8	68	100	100
9/6/2023	9	77	127	127
9/6/2023	10	81	138	138
9/6/2023	11	84	138	138
9/6/2023	12	82	138	138
9/6/2023	13	83	138	138
9/6/2023	14	87	138	138
9/6/2023	15	86	138	138
9/6/2023	16	85	138	138
9/6/2023	17	81	138	138
9/6/2023	18	83	138	138
9/6/2023	19	84	138	138
9/6/2023	20	81	138	138
9/6/2023	21	79	138	138
9/6/2023	22	76	128	128
9/6/2023	23	72	110	110
9/6/2023	24	65	100	100
9/7/2023	1	68	100	100
9/7/2023	2	65	100	100
9/7/2023	3	63	100	100
9/7/2023	4	62	100	100
9/7/2023	5	66	100	100
9/7/2023	6	66	100	100
9/7/2023	7	61	100	100
9/7/2023	8	68	100	100
9/7/2023	9	78	126	126
9/7/2023	10	83	138	138
9/7/2023	11	86	138	138
9/7/2023	12	86	138	138
9/7/2023	13	87	138	138
9/7/2023	14	90	138	138
9/7/2023	15	89	138	138
9/7/2023	16	88	138	138
9/7/2023	17	84	138	138
9/7/2023	18	85	138	138
9/7/2023	19	87	138	138
9/7/2023	20	86	138	138
9/7/2023	21	85	138	138
9/7/2023	22	81	138	138
9/7/2023	23	75	124	124
9/7/2023	24	66	100	100
9/8/2023	1	68	100	100
9/8/2023	2	66	100	100
9/8/2023	3	63	100	100
9/8/2023	4	63	100	100
9/8/2023	5	65	100	100
9/8/2023	6	65	100	100
9/8/2023	7	61	100	100
9/8/2023	8	68	100	100
9/8/2023	9	77	126	126
9/8/2023	10	83	138	138
9/8/2023	11	87	138	138
9/8/2023	12	86	138	138
9/8/2023	13	87	138	138
9/8/2023	14	90	138	138
9/8/2023	15	88	138	138
9/8/2023	16	86	138	138
9/8/2023	17	83	138	138
9/8/2023	18	85	138	138

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/8/2023	19	86	138	138
9/8/2023	20	84	138	138
9/8/2023	21	82	138	138
9/8/2023	22	79	138	138
9/8/2023	23	75	125	125
9/8/2023	24	72	123	111
9/9/2023	1	68	100	100
9/9/2023	2	66	100	100
9/9/2023	3	64	100	100
9/9/2023	4	61	100	100
9/9/2023	5	62	100	100
9/9/2023	6	62	100	100
9/9/2023	7	62	100	100
9/9/2023	8	67	100	100
9/9/2023	9	73	126	126
9/9/2023	10	77	138	138
9/9/2023	11	82	138	138
9/9/2023	12	81	138	138
9/9/2023	13	82	138	138
9/9/2023	14	84	138	138
9/9/2023	15	83	138	138
9/9/2023	16	81	138	138
9/9/2023	17	79	135	135
9/9/2023	18	83	138	138
9/9/2023	19	84	138	138
9/9/2023	20	83	138	138
9/9/2023	21	82	138	138
9/9/2023	22	78	138	138
9/9/2023	23	73	125	125
9/9/2023	24	69	100	100
9/10/2023	1	63	100	100
9/10/2023	2	60	100	100
9/10/2023	3	59	80	80
9/10/2023	4	57	80	80
9/10/2023	5	57	80	80
9/10/2023	6	57	80	80
9/10/2023	7	55	80	80
9/10/2023	8	56	80	80
9/10/2023	9	59	100	88
9/10/2023	10	62	100	100
9/10/2023	11	65	100	100
9/10/2023	12	66	100	100
9/10/2023	13	67	100	100
9/10/2023	14	68	100	100
9/10/2023	15	67	100	100
9/10/2023	16	67	100	100
9/10/2023	17	67	100	100
9/10/2023	18	72	115	115
9/10/2023	19	75	120	120
9/10/2023	20	74	115	115
9/10/2023	21	73	115	115
9/10/2023	22	70	100	100
9/10/2023	23	66	100	100
9/10/2023	24	63	100	100
9/11/2023	1	63	100	100
9/11/2023	2	61	100	100
9/11/2023	3	59	100	100
9/11/2023	4	58	100	100
9/11/2023	5	61	100	100
9/11/2023	6	63	100	100
9/11/2023	7	57	100	100
9/11/2023	8	64	100	100
9/11/2023	9	72	100	100
9/11/2023	10	79	109	109
9/11/2023	11	82	121	121

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/11/2023	12	81	118	118
9/11/2023	13	82	122	122
9/11/2023	14	85	137	137
9/11/2023	15	84	135	135
9/11/2023	16	83	131	131
9/11/2023	17	80	119	119
9/11/2023	18	82	127	127
9/11/2023	19	82	128	128
9/11/2023	20	80	121	121
9/11/2023	21	79	116	116
9/11/2023	22	74	101	101
9/11/2023	23	70	100	100
9/11/2023	24	66	100	100
9/12/2023	1	67	100	100
9/12/2023	2	65	100	100
9/12/2023	3	63	100	100
9/12/2023	4	62	100	100
9/12/2023	5	65	100	100
9/12/2023	6	66	100	100
9/12/2023	7	61	100	100
9/12/2023	8	69	100	100
9/12/2023	9	78	105	105
9/12/2023	10	82	117	117
9/12/2023	11	86	128	128
9/12/2023	12	86	128	128
9/12/2023	13	88	138	138
9/12/2023	14	89	138	138
9/12/2023	15	88	138	138
9/12/2023	16	86	138	138
9/12/2023	17	82	125	125
9/12/2023	18	86	138	138
9/12/2023	19	86	138	138
9/12/2023	20	85	138	138
9/12/2023	21	83	131	131
9/12/2023	22	79	113	113
9/12/2023	23	75	101	101
9/12/2023	24	71	100	100
9/13/2023	1	65	88	88
9/13/2023	2	64	85	85
9/13/2023	3	62	77	77
9/13/2023	4	61	74	74
9/13/2023	5	64	84	84
9/13/2023	6	64	85	85
9/13/2023	7	59	70	70
9/13/2023	8	68	93	93
9/13/2023	9	78	115	115
9/13/2023	10	82	138	138
9/13/2023	11	86	138	138
9/13/2023	12	85	138	138
9/13/2023	13	87	138	138
9/13/2023	14	90	138	138
9/13/2023	15	90	138	138
9/13/2023	16	88	138	138
9/13/2023	17	84	138	138
9/13/2023	18	86	138	138
9/13/2023	19	87	138	138
9/13/2023	20	86	138	138
9/13/2023	21	84	138	138
9/13/2023	22	80	138	138
9/13/2023	23	75	116	116
9/13/2023	24	67	93	93
9/14/2023	1	64	79	79
9/14/2023	2	62	73	73
9/14/2023	3	61	71	71
9/14/2023	4	60	68	68

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/14/2023	5	65	80	80
9/14/2023	6	67	85	85
9/14/2023	7	60	66	66
9/14/2023	8	68	86	86
9/14/2023	9	77	108	108
9/14/2023	10	81	123	123
9/14/2023	11	85	138	138
9/14/2023	12	84	132	132
9/14/2023	13	86	138	138
9/14/2023	14	87	138	138
9/14/2023	15	86	138	138
9/14/2023	16	84	132	132
9/14/2023	17	81	127	127
9/14/2023	18	85	138	138
9/14/2023	19	84	138	138
9/14/2023	20	81	131	131
9/14/2023	21	79	119	119
9/14/2023	22	73	102	102
9/14/2023	23	68	90	90
9/14/2023	24	68	86	86
9/15/2023	1	65	74	74
9/15/2023	2	63	68	68
9/15/2023	3	61	62	62
9/15/2023	4	60	60	60
9/15/2023	5	63	67	67
9/15/2023	6	64	69	69
9/15/2023	7	59	66	66
9/15/2023	8	66	72	72
9/15/2023	9	75	106	87
9/15/2023	10	81	106	103
9/15/2023	11	84	113	113
9/15/2023	12	83	110	110
9/15/2023	13	84	114	114
9/15/2023	14	87	124	124
9/15/2023	15	84	117	117
9/15/2023	16	82	111	111
9/15/2023	17	80	106	104
9/15/2023	18	82	111	111
9/15/2023	19	82	112	112
9/15/2023	20	79	106	106
9/15/2023	21	77	101	101
9/15/2023	22	74	93	93
9/15/2023	23	70	84	84
9/15/2023	24	67	76	76
9/16/2023	1	60	80	80
9/16/2023	2	58	63	63
9/16/2023	3	56	79	79
9/16/2023	4	55	74	73
9/16/2023	5	55	76	75
9/16/2023	6	56	83	83
9/16/2023	7	54	66	66
9/16/2023	8	56	70	70
9/16/2023	9	62	85	85
9/16/2023	10	66	105	105
9/16/2023	11	70	110	110
9/16/2023	12	70	110	110
9/16/2023	13	70	110	110
9/16/2023	14	72	125	125
9/16/2023	15	71	125	125
9/16/2023	16	70	125	125
9/16/2023	17	69	90	90
9/16/2023	18	75	123	123
9/16/2023	19	76	130	130
9/16/2023	20	73	120	120
9/16/2023	21	72	125	125

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/16/2023	22	69	115	115
9/16/2023	23	64	90	90
9/16/2023	24	67	90	90
9/17/2023	1	60	84	84
9/17/2023	2	58	68	68
9/17/2023	3	56	70	70
9/17/2023	4	55	70	70
9/17/2023	5	55	70	70
9/17/2023	6	55	69	69
9/17/2023	7	55	66	66
9/17/2023	8	55	70	70
9/17/2023	9	58	78	77
9/17/2023	10	62	83	83
9/17/2023	11	64	85	85
9/17/2023	12	64	84	83
9/17/2023	13	65	85	85
9/17/2023	14	66	114	114
9/17/2023	15	65	110	110
9/17/2023	16	64	114	114
9/17/2023	17	66	115	115
9/17/2023	18	71	135	135
9/17/2023	19	72	135	135
9/17/2023	20	71	124	124
9/17/2023	21	69	120	120
9/17/2023	22	66	90	90
9/17/2023	23	63	90	90
9/17/2023	24	60	80	80
9/18/2023	1	59	70	70
9/18/2023	2	57	70	70
9/18/2023	3	56	70	70
9/18/2023	4	55	70	70
9/18/2023	5	59	70	70
9/18/2023	6	61	70	70
9/18/2023	7	56	66	66
9/18/2023	8	63	75	75
9/18/2023	9	71	100	100
9/18/2023	10	76	115	115
9/18/2023	11	80	135	135
9/18/2023	12	79	130	130
9/18/2023	13	80	135	135
9/18/2023	14	82	135	135
9/18/2023	15	81	135	135
9/18/2023	16	79	135	135
9/18/2023	17	78	135	135
9/18/2023	18	80	135	135
9/18/2023	19	79	135	135
9/18/2023	20	77	135	135
9/18/2023	21	75	135	135
9/18/2023	22	70	100	100
9/18/2023	23	66	90	90
9/18/2023	24	63	80	80
9/19/2023	1	65	120	120
9/19/2023	2	62	118	118
9/19/2023	3	61	118	118
9/19/2023	4	61	116	116
9/19/2023	5	65	135	122
9/19/2023	6	67	135	135
9/19/2023	7	60	100	100
9/19/2023	8	68	135	103
9/19/2023	9	77	135	135
9/19/2023	10	82	135	135
9/19/2023	11	86	138	138
9/19/2023	12	85	138	138
9/19/2023	13	86	138	138
9/19/2023	14	88	138	138

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/19/2023	15	87	138	138
9/19/2023	16	84	138	138
9/19/2023	17	82	138	138
9/19/2023	18	85	138	138
9/19/2023	19	84	138	138
9/19/2023	20	82	138	138
9/19/2023	21	79	135	135
9/19/2023	22	73	135	135
9/19/2023	23	68	120	120
9/19/2023	24	65	100	100
9/20/2023	1	63	110	110
9/20/2023	2	61	110	110
9/20/2023	3	60	110	110
9/20/2023	4	59	103	103
9/20/2023	5	64	110	110
9/20/2023	6	67	110	110
9/20/2023	7	60	100	100
9/20/2023	8	68	123	123
9/20/2023	9	77	135	135
9/20/2023	10	82	135	135
9/20/2023	11	85	138	138
9/20/2023	12	83	138	138
9/20/2023	13	84	138	138
9/20/2023	14	86	138	138
9/20/2023	15	85	138	138
9/20/2023	16	84	138	138
9/20/2023	17	82	138	138
9/20/2023	18	84	138	138
9/20/2023	19	82	138	138
9/20/2023	20	80	135	135
9/20/2023	21	77	135	135
9/20/2023	22	72	125	125
9/20/2023	23	68	120	120
9/20/2023	24	66	101	101
9/21/2023	1	64	110	110
9/21/2023	2	62	100	97
9/21/2023	3	60	100	90
9/21/2023	4	60	100	90
9/21/2023	5	64	100	100
9/21/2023	6	67	110	110
9/21/2023	7	61	100	100
9/21/2023	8	68	123	123
9/21/2023	9	77	135	135
9/21/2023	10	82	135	135
9/21/2023	11	86	138	138
9/21/2023	12	83	138	138
9/21/2023	13	85	138	138
9/21/2023	14	87	138	138
9/21/2023	15	85	138	138
9/21/2023	16	83	138	138
9/21/2023	17	82	138	138
9/21/2023	18	85	138	138
9/21/2023	19	84	138	138
9/21/2023	20	82	138	138
9/21/2023	21	80	135	135
9/21/2023	22	75	133	133
9/21/2023	23	71	126	126
9/21/2023	24	66	100	99
9/22/2023	1	64	110	110
9/22/2023	2	62	100	97
9/22/2023	3	60	100	90
9/22/2023	4	61	100	90
9/22/2023	5	64	100	100
9/22/2023	6	67	110	110
9/22/2023	7	60	100	90

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/22/2023	8	68	123	123
9/22/2023	9	76	123	123
9/22/2023	10	81	123	123
9/22/2023	11	81	123	123
9/22/2023	12	81	123	123
9/22/2023	13	82	132	132
9/22/2023	14	86	138	138
9/22/2023	15	85	138	138
9/22/2023	16	85	138	138
9/22/2023	17	85	138	138
9/22/2023	18	81	130	130
9/22/2023	19	86	138	138
9/22/2023	20	83	138	137
9/22/2023	21	81	135	135
9/22/2023	22	75	130	130
9/22/2023	23	71	120	120
9/22/2023	24	67	100	90
9/23/2023	1	64	100	80
9/23/2023	2	63	100	80
9/23/2023	3	61	100	80
9/23/2023	4	59	100	80
9/23/2023	5	60	100	80
9/23/2023	6	61	100	80
9/23/2023	7	60	100	80
9/23/2023	8	62	100	100
9/23/2023	9	69	100	100
9/23/2023	10	73	100	100
9/23/2023	11	77	100	100
9/23/2023	12	77	100	100
9/23/2023	13	78	100	100
9/23/2023	14	80	110	110
9/23/2023	15	79	110	110
9/23/2023	16	77	100	100
9/23/2023	17	76	100	100
9/23/2023	18	81	120	120
9/23/2023	19	81	120	120
9/23/2023	20	78	110	110
9/23/2023	21	77	110	110
9/23/2023	22	73	100	100
9/23/2023	23	69	100	80
9/23/2023	24	66	100	80
9/24/2023	1	59	100	78
9/24/2023	2	57	70	70
9/24/2023	3	56	65	65
9/24/2023	4	55	63	62
9/24/2023	5	55	70	70
9/24/2023	6	55	65	65
9/24/2023	7	54	66	66
9/24/2023	8	55	66	66
9/24/2023	9	58	66	66
9/24/2023	10	61	80	66
9/24/2023	11	64	80	80
9/24/2023	12	65	93	93
9/24/2023	13	66	100	100
9/24/2023	14	67	100	100
9/24/2023	15	65	100	100
9/24/2023	16	65	100	100
9/24/2023	17	66	100	100
9/24/2023	18	71	125	125
9/24/2023	19	72	125	125
9/24/2023	20	71	125	125
9/24/2023	21	69	125	125
9/24/2023	22	66	100	100
9/24/2023	23	62	91	91
9/24/2023	24	59	77	77

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/25/2023	1	57	60	60
9/25/2023	2	55	60	60
9/25/2023	3	53	60	60
9/25/2023	4	53	60	60
9/25/2023	5	57	80	70
9/25/2023	6	59	100	70
9/25/2023	7	54	80	70
9/25/2023	8	60	100	70
9/25/2023	9	69	100	100
9/25/2023	10	75	100	100
9/25/2023	11	78	100	100
9/25/2023	12	78	100	100
9/25/2023	13	79	110	110
9/25/2023	14	81	115	115
9/25/2023	15	80	110	110
9/25/2023	16	79	110	110
9/25/2023	17	76	100	100
9/25/2023	18	79	120	120
9/25/2023	19	78	120	120
9/25/2023	20	76	110	110
9/25/2023	21	74	110	110
9/25/2023	22	69	100	100
9/25/2023	23	66	100	80
9/25/2023	24	62	100	70
9/26/2023	1	64	100	100
9/26/2023	2	62	100	100
9/26/2023	3	61	75	75
9/26/2023	4	60	75	75
9/26/2023	5	65	100	100
9/26/2023	6	67	100	100
9/26/2023	7	60	80	80
9/26/2023	8	68	100	100
9/26/2023	9	77	110	110
9/26/2023	10	82	135	135
9/26/2023	11	86	135	135
9/26/2023	12	84	135	135
9/26/2023	13	86	135	135
9/26/2023	14	88	135	135
9/26/2023	15	86	135	135
9/26/2023	16	84	135	135
9/26/2023	17	82	135	135
9/26/2023	18	86	138	138
9/26/2023	19	85	138	138
9/26/2023	20	82	135	135
9/26/2023	21	80	135	135
9/26/2023	22	74	100	100
9/26/2023	23	70	100	100
9/26/2023	24	67	100	100
9/27/2023	1	65	116	115
9/27/2023	2	62	100	100
9/27/2023	3	61	85	84
9/27/2023	4	60	80	80
9/27/2023	5	65	117	117
9/27/2023	6	68	123	123
9/27/2023	7	62	70	70
9/27/2023	8	67	105	104
9/27/2023	9	75	135	135
9/27/2023	10	81	123	123
9/27/2023	11	83	130	130
9/27/2023	12	82	126	126
9/27/2023	13	83	129	129
9/27/2023	14	88	135	135
9/27/2023	15	87	135	135
9/27/2023	16	85	135	135
9/27/2023	17	83	120	120

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/27/2023	18	86	130	130
9/27/2023	19	85	135	135
9/27/2023	20	82	124	123
9/27/2023	21	79	107	106
9/27/2023	22	74	100	100
9/27/2023	23	69	100	100
9/27/2023	24	66	100	100
9/28/2023	1	66	137	78
9/28/2023	2	64	137	68
9/28/2023	3	63	89	68
9/28/2023	4	62	87	68
9/28/2023	5	65	106	80
9/28/2023	6	67	134	90
9/28/2023	7	62	95	70
9/28/2023	8	69	100	100
9/28/2023	9	77	100	100
9/28/2023	10	82	135	111
9/28/2023	11	84	134	131
9/28/2023	12	83	134	114
9/28/2023	13	82	135	109
9/28/2023	14	86	135	125
9/28/2023	15	86	135	125
9/28/2023	16	83	135	125
9/28/2023	17	80	134	107
9/28/2023	18	86	135	129
9/28/2023	19	84	134	114
9/28/2023	20	82	134	100
9/28/2023	21	79	134	100
9/28/2023	22	75	134	100
9/28/2023	23	70	135	93
9/28/2023	24	66	135	63
9/29/2023	1	65	82	82
9/29/2023	2	64	80	80
9/29/2023	3	62	65	65
9/29/2023	4	61	67	67
9/29/2023	5	65	80	80
9/29/2023	6	67	100	100
9/29/2023	7	61	66	66
9/29/2023	8	69	86	86
9/29/2023	9	77	100	100
9/29/2023	10	83	135	135
9/29/2023	11	85	130	130
9/29/2023	12	85	130	130
9/29/2023	13	85	127	127
9/29/2023	14	88	135	135
9/29/2023	15	86	135	135
9/29/2023	16	85	135	135
9/29/2023	17	82	135	135
9/29/2023	18	86	135	135
9/29/2023	19	85	130	130
9/29/2023	20	82	125	125
9/29/2023	21	79	110	110
9/29/2023	22	75	100	100
9/29/2023	23	71	99	99
9/29/2023	24	67	100	100
9/30/2023	1	64	96	96
9/30/2023	2	63	73	73
9/30/2023	3	61	66	66
9/30/2023	4	60	60	60
9/30/2023	5	60	60	60
9/30/2023	6	61	67	67
9/30/2023	7	60	66	66
9/30/2023	8	63	80	80
9/30/2023	9	69	95	95
9/30/2023	10	74	100	100

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
9/30/2023	11	78	115	100
9/30/2023	12	78	100	100
9/30/2023	13	78	109	109
9/30/2023	14	81	133	103
9/30/2023	15	80	133	110
9/30/2023	16	78	132	100
9/30/2023	17	77	132	96
9/30/2023	18	82	110	110
9/30/2023	19	82	131	107
9/30/2023	20	80	113	110
9/30/2023	21	78	110	110
9/30/2023	22	74	110	110
9/30/2023	23	70	100	100
9/30/2023	24	67	90	90
10/1/2023	1	60	60	60
10/1/2023	2	58	60	60
10/1/2023	3	57	60	60
10/1/2023	4	56	60	60
10/1/2023	5	56	60	60
10/1/2023	6	56	60	60
10/1/2023	7	54	60	60
10/1/2023	8	54	60	60
10/1/2023	9	58	80	80
10/1/2023	10	62	80	80
10/1/2023	11	65	80	80
10/1/2023	12	65	80	80
10/1/2023	13	65	80	80
10/1/2023	14	66	80	80
10/1/2023	15	66	80	80
10/1/2023	16	65	80	80
10/1/2023	17	66	90	90
10/1/2023	18	74	100	100
10/1/2023	19	73	100	100
10/1/2023	20	73	100	100
10/1/2023	21	72	100	100
10/1/2023	22	68	80	80
10/1/2023	23	64	75	75
10/1/2023	24	61	75	75
10/2/2023	1	59	68	68
10/2/2023	2	57	60	60
10/2/2023	3	55	60	60
10/2/2023	4	56	60	60
10/2/2023	5	59	65	65
10/2/2023	6	61	80	80
10/2/2023	7	56	66	66
10/2/2023	8	63	85	85
10/2/2023	9	73	110	110
10/2/2023	10	79	110	110
10/2/2023	11	82	122	122
10/2/2023	12	82	117	117
10/2/2023	13	83	130	130
10/2/2023	14	84	134	134
10/2/2023	15	83	133	133
10/2/2023	16	80	132	120
10/2/2023	17	79	132	100
10/2/2023	18	81	136	134
10/2/2023	19	80	131	106
10/2/2023	20	78	113	107
10/2/2023	21	76	100	100
10/2/2023	22	72	107	107
10/2/2023	23	68	100	100
10/2/2023	24	65	90	90
10/3/2023	1	69	135	135
10/3/2023	2	67	125	125
10/3/2023	3	65	125	125

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/3/2023	4	65	130	130
10/3/2023	5	70	120	120
10/3/2023	6	72	135	135
10/3/2023	7	66	135	135
10/3/2023	8	73	135	135
10/3/2023	9	83	135	135
10/3/2023	10	89	138	138
10/3/2023	11	92	138	138
10/3/2023	12	90	138	138
10/3/2023	13	92	138	138
10/3/2023	14	93	138	138
10/3/2023	15	92	138	138
10/3/2023	16	90	138	138
10/3/2023	17	89	138	138
10/3/2023	18	92	138	138
10/3/2023	19	91	138	138
10/3/2023	20	89	138	138
10/3/2023	21	86	138	138
10/3/2023	22	81	135	135
10/3/2023	23	76	135	135
10/3/2023	24	66	95	95
10/4/2023	1	67	134	120
10/4/2023	2	64	135	107
10/4/2023	3	63	135	104
10/4/2023	4	63	135	102
10/4/2023	5	67	135	135
10/4/2023	6	71	135	135
10/4/2023	7	63	128	127
10/4/2023	8	72	128	128
10/4/2023	9	81	134	133
10/4/2023	10	87	138	138
10/4/2023	11	90	138	138
10/4/2023	12	88	138	138
10/4/2023	13	89	138	138
10/4/2023	14	92	138	138
10/4/2023	15	90	138	138
10/4/2023	16	89	138	138
10/4/2023	17	86	138	138
10/4/2023	18	89	138	138
10/4/2023	19	87	135	135
10/4/2023	20	85	135	135
10/4/2023	21	82	135	135
10/4/2023	22	76	135	135
10/4/2023	23	72	125	125
10/4/2023	24	68	115	115
10/5/2023	1	65	130	120
10/5/2023	2	62	131	119
10/5/2023	3	61	117	117
10/5/2023	4	62	131	119
10/5/2023	5	65	135	135
10/5/2023	6	67	135	135
10/5/2023	7	62	115	115
10/5/2023	8	69	135	135
10/5/2023	9	78	135	135
10/5/2023	10	83	135	135
10/5/2023	11	85	136	136
10/5/2023	12	84	135	135
10/5/2023	13	84	135	135
10/5/2023	14	89	138	138
10/5/2023	15	86	138	138
10/5/2023	16	86	138	138
10/5/2023	17	82	135	135
10/5/2023	18	86	138	138
10/5/2023	19	83	135	135
10/5/2023	20	83	135	135

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/5/2023	21	81	135	135
10/5/2023	22	76	135	135
10/5/2023	23	72	135	135
10/5/2023	24	69	129	100
10/6/2023	1	63	130	115
10/6/2023	2	61	131	115
10/6/2023	3	59	110	110
10/6/2023	4	59	115	115
10/6/2023	5	61	130	130
10/6/2023	6	63	119	119
10/6/2023	7	59	100	100
10/6/2023	8	69	135	135
10/6/2023	9	76	135	135
10/6/2023	10	83	135	135
10/6/2023	11	86	138	138
10/6/2023	12	84	135	135
10/6/2023	13	84	135	135
10/6/2023	14	88	138	138
10/6/2023	15	87	138	138
10/6/2023	16	85	138	138
10/6/2023	17	81	132	132
10/6/2023	18	86	138	138
10/6/2023	19	83	135	135
10/6/2023	20	82	135	135
10/6/2023	21	79	135	135
10/6/2023	22	75	135	135
10/6/2023	23	71	129	123
10/6/2023	24	68	129	100
10/7/2023	1	70	100	100
10/7/2023	2	67	91	91
10/7/2023	3	66	90	90
10/7/2023	4	64	85	85
10/7/2023	5	65	85	85
10/7/2023	6	64	85	85
10/7/2023	7	64	80	80
10/7/2023	8	67	90	90
10/7/2023	9	74	107	106
10/7/2023	10	80	135	135
10/7/2023	11	83	135	135
10/7/2023	12	83	135	135
10/7/2023	13	84	135	135
10/7/2023	14	86	135	135
10/7/2023	15	85	135	135
10/7/2023	16	82	135	135
10/7/2023	17	81	135	135
10/7/2023	18	88	135	135
10/7/2023	19	88	135	135
10/7/2023	20	86	135	135
10/7/2023	21	84	135	135
10/7/2023	22	80	135	135
10/7/2023	23	76	110	110
10/7/2023	24	72	100	100
10/8/2023	1	61	80	80
10/8/2023	2	59	70	70
10/8/2023	3	57	65	65
10/8/2023	4	56	60	60
10/8/2023	5	56	60	60
10/8/2023	6	56	60	60
10/8/2023	7	55	60	60
10/8/2023	8	55	60	60
10/8/2023	9	58	80	70
10/8/2023	10	62	80	80
10/8/2023	11	64	80	80
10/8/2023	12	66	80	80
10/8/2023	13	66	82	82

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/8/2023	14	67	81	80
10/8/2023	15	66	81	80
10/8/2023	16	66	81	80
10/8/2023	17	66	81	80
10/8/2023	18	72	100	100
10/8/2023	19	73	100	100
10/8/2023	20	72	100	100
10/8/2023	21	71	100	100
10/8/2023	22	67	90	90
10/8/2023	23	64	90	90
10/8/2023	24	60	80	80
10/9/2023	1	63	80	80
10/9/2023	2	61	80	80
10/9/2023	3	59	70	70
10/9/2023	4	59	70	70
10/9/2023	5	62	80	80
10/9/2023	6	63	80	80
10/9/2023	7	59	70	70
10/9/2023	8	66	90	90
10/9/2023	9	75	100	100
10/9/2023	10	81	127	127
10/9/2023	11	84	127	127
10/9/2023	12	84	130	130
10/9/2023	13	85	130	130
10/9/2023	14	88	135	135
10/9/2023	15	87	135	135
10/9/2023	16	84	135	135
10/9/2023	17	80	129	129
10/9/2023	18	84	135	135
10/9/2023	19	82	135	135
10/9/2023	20	80	135	135
10/9/2023	21	78	115	115
10/9/2023	22	74	100	100
10/9/2023	23	70	100	100
10/9/2023	24	67	85	85
10/10/2023	1	68	91	91
10/10/2023	2	66	85	85
10/10/2023	3	65	81	81
10/10/2023	4	64	80	80
10/10/2023	5	68	90	90
10/10/2023	6	69	90	90
10/10/2023	7	63	77	77
10/10/2023	8	72	90	90
10/10/2023	9	82	130	130
10/10/2023	10	88	135	135
10/10/2023	11	92	135	135
10/10/2023	12	92	135	135
10/10/2023	13	93	135	135
10/10/2023	14	96	138	138
10/10/2023	15	96	138	138
10/10/2023	16	91	130	130
10/10/2023	17	86	120	120
10/10/2023	18	91	135	135
10/10/2023	19	90	135	135
10/10/2023	20	89	131	131
10/10/2023	21	86	135	135
10/10/2023	22	81	117	117
10/10/2023	23	77	100	100
10/10/2023	24	70	80	80
10/11/2023	1	67	78	78
10/11/2023	2	65	70	70
10/11/2023	3	63	61	61
10/11/2023	4	62	60	60
10/11/2023	5	65	70	70
10/11/2023	6	69	75	75

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/11/2023	7	65	70	70
10/11/2023	8	72	90	90
10/11/2023	9	79	130	130
10/11/2023	10	86	131	131
10/11/2023	11	89	125	125
10/11/2023	12	87	125	125
10/11/2023	13	88	125	125
10/11/2023	14	91	130	130
10/11/2023	15	91	135	135
10/11/2023	16	89	130	130
10/11/2023	17	87	120	120
10/11/2023	18	91	120	120
10/11/2023	19	87	110	110
10/11/2023	20	86	109	109
10/11/2023	21	83	100	100
10/11/2023	22	77	90	90
10/11/2023	23	74	82	82
10/11/2023	24	68	74	74
10/12/2023	1	64	65	65
10/12/2023	2	61	58	58
10/12/2023	3	60	58	58
10/12/2023	4	60	58	58
10/12/2023	5	63	65	65
10/12/2023	6	66	75	75
10/12/2023	7	60	66	66
10/12/2023	8	68	80	80
10/12/2023	9	77	100	100
10/12/2023	10	82	100	100
10/12/2023	11	84	100	100
10/12/2023	12	83	100	100
10/12/2023	13	84	100	100
10/12/2023	14	89	127	127
10/12/2023	15	88	123	123
10/12/2023	16	86	123	115
10/12/2023	17	81	110	110
10/12/2023	18	86	123	123
10/12/2023	19	83	123	123
10/12/2023	20	82	110	110
10/12/2023	21	80	110	110
10/12/2023	22	75	100	100
10/12/2023	23	71	95	95
10/12/2023	24	69	85	85
10/13/2023	1	67	86	86
10/13/2023	2	65	82	82
10/13/2023	3	63	70	70
10/13/2023	4	62	70	70
10/13/2023	5	65	84	84
10/13/2023	6	67	81	81
10/13/2023	7	61	66	66
10/13/2023	8	68	90	90
10/13/2023	9	78	110	110
10/13/2023	10	83	125	125
10/13/2023	11	86	125	125
10/13/2023	12	86	124	124
10/13/2023	13	87	135	135
10/13/2023	14	89	135	135
10/13/2023	15	86	128	128
10/13/2023	16	84	118	118
10/13/2023	17	81	115	115
10/13/2023	18	84	123	123
10/13/2023	19	84	115	115
10/13/2023	20	80	111	111
10/13/2023	21	78	110	110
10/13/2023	22	74	100	100
10/13/2023	23	70	100	100

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/13/2023	24	68	89	89
10/14/2023	1	66	80	80
10/14/2023	2	65	80	80
10/14/2023	3	63	80	80
10/14/2023	4	62	66	66
10/14/2023	5	63	70	70
10/14/2023	6	64	80	80
10/14/2023	7	61	66	66
10/14/2023	8	65	80	80
10/14/2023	9	65	88	88
10/14/2023	10	75	96	96
10/14/2023	11	78	110	110
10/14/2023	12	78	110	110
10/14/2023	13	78	110	110
10/14/2023	14	81	100	100
10/14/2023	15	79	104	104
10/14/2023	16	78	113	105
10/14/2023	17	76	100	100
10/14/2023	18	79	115	115
10/14/2023	19	76	100	100
10/14/2023	20	76	122	100
10/14/2023	21	76	104	100
10/14/2023	22	73	100	100
10/14/2023	23	69	100	100
10/14/2023	24	68	100	100
10/15/2023	1	62	60	60
10/15/2023	2	58	60	60
10/15/2023	3	57	60	60
10/15/2023	4	57	60	60
10/15/2023	5	58	60	60
10/15/2023	6	57	60	60
10/15/2023	7	56	60	60
10/15/2023	8	58	60	60
10/15/2023	9	61	60	60
10/15/2023	10	64	70	70
10/15/2023	11	66	80	80
10/15/2023	12	67	80	80
10/15/2023	13	68	80	80
10/15/2023	14	69	80	80
10/15/2023	15	68	80	80
10/15/2023	16	67	80	80
10/15/2023	17	67	80	80
10/15/2023	18	75	100	100
10/15/2023	19	74	100	100
10/15/2023	20	74	100	100
10/15/2023	21	72	100	100
10/15/2023	22	70	100	100
10/15/2023	23	66	100	100
10/15/2023	24	63	77	77
10/16/2023	1	62	76	71
10/16/2023	2	61	71	61
10/16/2023	3	60	60	60
10/16/2023	4	58	60	60
10/16/2023	5	60	62	62
10/16/2023	6	64	80	80
10/16/2023	7	58	66	66
10/16/2023	8	65	80	80
10/16/2023	9	74	105	105
10/16/2023	10	80	123	123
10/16/2023	11	84	123	123
10/16/2023	12	83	123	123
10/16/2023	13	84	123	123
10/16/2023	14	86	123	123
10/16/2023	15	86	123	123
10/16/2023	16	84	123	123

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/16/2023	17	81	123	123
10/16/2023	18	83	123	123
10/16/2023	19	80	110	110
10/16/2023	20	79	110	110
10/16/2023	21	76	100	100
10/16/2023	22	73	100	100
10/16/2023	23	69	90	90
10/16/2023	24	66	80	80
10/17/2023	1	68	90	90
10/17/2023	2	65	90	90
10/17/2023	3	64	90	90
10/17/2023	4	63	88	88
10/17/2023	5	67	85	85
10/17/2023	6	68	85	85
10/17/2023	7	63	68	68
10/17/2023	8	71	111	85
10/17/2023	9	81	135	106
10/17/2023	10	87	135	123
10/17/2023	11	91	136	134
10/17/2023	12	90	124	124
10/17/2023	13	90	124	124
10/17/2023	14	92	137	134
10/17/2023	15	91	135	134
10/17/2023	16	88	126	126
10/17/2023	17	85	115	115
10/17/2023	18	89	130	130
10/17/2023	19	87	125	125
10/17/2023	20	86	134	128
10/17/2023	21	83	125	123
10/17/2023	22	78	123	123
10/17/2023	23	73	100	100
10/17/2023	24	67	84	84
10/18/2023	1	67	85	85
10/18/2023	2	65	81	81
10/18/2023	3	64	77	77
10/18/2023	4	63	72	72
10/18/2023	5	67	85	85
10/18/2023	6	69	90	90
10/18/2023	7	63	70	70
10/18/2023	8	71	100	100
10/18/2023	9	80	109	109
10/18/2023	10	86	123	123
10/18/2023	11	89	123	123
10/18/2023	12	88	123	123
10/18/2023	13	89	123	123
10/18/2023	14	93	135	135
10/18/2023	15	92	133	130
10/18/2023	16	89	135	135
10/18/2023	17	86	125	123
10/18/2023	18	90	135	132
10/18/2023	19	87	130	130
10/18/2023	20	85	120	120
10/18/2023	21	82	108	108
10/18/2023	22	77	100	100
10/18/2023	23	73	100	100
10/18/2023	24	70	100	100
10/19/2023	1	65	85	85
10/19/2023	2	63	80	80
10/19/2023	3	60	75	75
10/19/2023	4	61	74	74
10/19/2023	5	64	77	77
10/19/2023	6	63	76	76
10/19/2023	7	59	85	85
10/19/2023	8	66	80	80
10/19/2023	9	74	107	100

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/19/2023	10	79	107	100
10/19/2023	11	82	107	103
10/19/2023	12	81	107	100
10/19/2023	13	82	107	101
10/19/2023	14	84	110	110
10/19/2023	15	82	110	110
10/19/2023	16	80	110	110
10/19/2023	17	78	101	101
10/19/2023	18	81	107	100
10/19/2023	19	78	107	100
10/19/2023	20	75	107	99
10/19/2023	21	73	107	97
10/19/2023	22	68	107	75
10/19/2023	23	66	89	75
10/19/2023	24	62	72	72
10/20/2023	1	68	100	100
10/20/2023	2	65	100	100
10/20/2023	3	63	83	83
10/20/2023	4	61	80	80
10/20/2023	5	63	99	99
10/20/2023	6	66	100	100
10/20/2023	7	61	93	93
10/20/2023	8	70	106	95
10/20/2023	9	79	132	121
10/20/2023	10	84	135	127
10/20/2023	11	89	137	135
10/20/2023	12	89	137	134
10/20/2023	13	90	137	136
10/20/2023	14	93	137	135
10/20/2023	15	91	129	128
10/20/2023	16	88	123	123
10/20/2023	17	82	115	115
10/20/2023	18	87	125	125
10/20/2023	19	83	120	120
10/20/2023	20	82	120	120
10/20/2023	21	80	110	110
10/20/2023	22	76	102	94
10/20/2023	23	72	96	96
10/20/2023	24	64	88	88
10/21/2023	1	66	80	80
10/21/2023	2	64	80	80
10/21/2023	3	62	80	80
10/21/2023	4	62	80	80
10/21/2023	5	62	80	80
10/21/2023	6	64	80	80
10/21/2023	7	61	90	90
10/21/2023	8	65	100	100
10/21/2023	9	71	100	100
10/21/2023	10	75	100	100
10/21/2023	11	78	100	100
10/21/2023	12	78	100	100
10/21/2023	13	80	100	100
10/21/2023	14	83	100	100
10/21/2023	15	82	100	100
10/21/2023	16	79	100	100
10/21/2023	17	78	100	100
10/21/2023	18	84	100	100
10/21/2023	19	81	100	100
10/21/2023	20	81	100	100
10/21/2023	21	80	100	100
10/21/2023	22	76	90	90
10/21/2023	23	72	80	80
10/21/2023	24	67	75	75
10/22/2023	1	63	75	75
10/22/2023	2	61	72	72

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/22/2023	3	59	72	72
10/22/2023	4	58	56	56
10/22/2023	5	58	56	56
10/22/2023	6	58	56	56
10/22/2023	7	56	63	63
10/22/2023	8	58	63	63
10/22/2023	9	61	70	70
10/22/2023	10	65	70	70
10/22/2023	11	67	90	90
10/22/2023	12	68	87	87
10/22/2023	13	69	81	81
10/22/2023	14	71	91	90
10/22/2023	15	70	90	90
10/22/2023	16	68	89	89
10/22/2023	17	69	109	109
10/22/2023	18	77	105	105
10/22/2023	19	77	115	115
10/22/2023	20	76	90	90
10/22/2023	21	73	85	85
10/22/2023	22	70	85	85
10/22/2023	23	67	85	85
10/22/2023	24	63	85	85
10/23/2023	1	63	63	63
10/23/2023	2	60	63	63
10/23/2023	3	58	63	63
10/23/2023	4	58	63	63
10/23/2023	5	61	63	63
10/23/2023	6	63	63	63
10/23/2023	7	58	68	68
10/23/2023	8	66	80	80
10/23/2023	9	74	100	100
10/23/2023	10	80	100	100
10/23/2023	11	84	100	100
10/23/2023	12	83	100	100
10/23/2023	13	84	100	100
10/23/2023	14	87	100	100
10/23/2023	15	85	100	100
10/23/2023	16	83	100	100
10/23/2023	17	80	100	100
10/23/2023	18	83	100	100
10/23/2023	19	81	100	100
10/23/2023	20	79	100	100
10/23/2023	21	77	100	100
10/23/2023	22	73	80	80
10/23/2023	23	69	75	75
10/23/2023	24	66	75	75
10/24/2023	1	63	63	63
10/24/2023	2	62	63	63
10/24/2023	3	59	63	63
10/24/2023	4	59	63	63
10/24/2023	5	62	65	65
10/24/2023	6	65	67	67
10/24/2023	7	59	71	71
10/24/2023	8	68	75	75
10/24/2023	9	77	93	93
10/24/2023	10	83	103	103
10/24/2023	11	86	114	114
10/24/2023	12	86	110	110
10/24/2023	13	88	110	110
10/24/2023	14	90	130	130
10/24/2023	15	89	135	135
10/24/2023	16	87	130	130
10/24/2023	17	83	118	118
10/24/2023	18	86	130	130
10/24/2023	19	80	106	106

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/24/2023	20	80	110	110
10/24/2023	21	78	100	100
10/24/2023	22	74	85	85
10/24/2023	23	69	80	80
10/24/2023	24	68	79	79
10/25/2023	1	67	88	88
10/25/2023	2	66	88	88
10/25/2023	3	63	80	80
10/25/2023	4	63	80	80
10/25/2023	5	66	80	80
10/25/2023	6	70	88	88
10/25/2023	7	63	88	88
10/25/2023	8	72	91	88
10/25/2023	9	82	113	113
10/25/2023	10	85	115	115
10/25/2023	11	90	124	117
10/25/2023	12	88	110	110
10/25/2023	13	89	125	125
10/25/2023	14	93	135	135
10/25/2023	15	93	137	135
10/25/2023	16	89	137	133
10/25/2023	17	87	123	123
10/25/2023	18	90	125	123
10/25/2023	19	87	123	123
10/25/2023	20	85	112	112
10/25/2023	21	82	110	110
10/25/2023	22	78	104	100
10/25/2023	23	73	93	93
10/25/2023	24	69	88	88
10/26/2023	1	67	80	80
10/26/2023	2	66	80	80
10/26/2023	3	64	80	80
10/26/2023	4	63	80	80
10/26/2023	5	67	80	80
10/26/2023	6	69	80	80
10/26/2023	7	63	88	88
10/26/2023	8	70	88	88
10/26/2023	9	83	120	120
10/26/2023	10	89	135	132
10/26/2023	11	92	137	132
10/26/2023	12	88	117	113
10/26/2023	13	88	131	131
10/26/2023	14	94	136	135
10/26/2023	15	93	135	135
10/26/2023	16	90	130	130
10/26/2023	17	87	125	125
10/26/2023	18	91	135	132
10/26/2023	19	86	120	120
10/26/2023	20	86	115	115
10/26/2023	21	84	110	110
10/26/2023	22	79	100	100
10/26/2023	23	74	90	90
10/26/2023	24	71	88	88
10/27/2023	1	68	90	90
10/27/2023	2	66	88	88
10/27/2023	3	64	88	88
10/27/2023	4	63	88	88
10/27/2023	5	65	90	90
10/27/2023	6	67	90	90
10/27/2023	7	62	88	88
10/27/2023	8	69	88	88
10/27/2023	9	78	125	125
10/27/2023	10	82	110	110
10/27/2023	11	85	123	123
10/27/2023	12	84	120	120

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/27/2023	13	85	118	118
10/27/2023	14	89	130	130
10/27/2023	15	87	130	130
10/27/2023	16	85	115	115
10/27/2023	17	83	105	105
10/27/2023	18	88	125	125
10/27/2023	19	82	105	100
10/27/2023	20	82	110	110
10/27/2023	21	79	110	110
10/27/2023	22	75	92	90
10/27/2023	23	72	90	90
10/27/2023	24	68	90	90
10/28/2023	1	67	63	63
10/28/2023	2	64	63	63
10/28/2023	3	63	63	63
10/28/2023	4	63	63	63
10/28/2023	5	62	63	63
10/28/2023	6	64	63	63
10/28/2023	7	61	63	63
10/28/2023	8	66	63	63
10/28/2023	9	71	100	100
10/28/2023	10	75	100	100
10/28/2023	11	78	100	100
10/28/2023	12	78	100	100
10/28/2023	13	80	100	100
10/28/2023	14	84	100	100
10/28/2023	15	83	100	100
10/28/2023	16	80	100	100
10/28/2023	17	79	100	100
10/28/2023	18	84	100	100
10/28/2023	19	83	100	100
10/28/2023	20	82	100	100
10/28/2023	21	81	100	100
10/28/2023	22	77	100	100
10/28/2023	23	73	100	100
10/28/2023	24	69	100	100
10/29/2023	1	61	63	63
10/29/2023	2	59	63	63
10/29/2023	3	57	63	63
10/29/2023	4	56	63	63
10/29/2023	5	57	63	63
10/29/2023	6	57	63	63
10/29/2023	7	57	63	63
10/29/2023	8	58	63	63
10/29/2023	9	61	70	70
10/29/2023	10	65	70	70
10/29/2023	11	66	80	80
10/29/2023	12	68	80	80
10/29/2023	13	69	80	80
10/29/2023	14	70	80	80
10/29/2023	15	68	80	80
10/29/2023	16	67	80	80
10/29/2023	17	67	80	80
10/29/2023	18	75	100	100
10/29/2023	19	74	100	100
10/29/2023	20	73	100	100
10/29/2023	21	71	100	100
10/29/2023	22	69	100	100
10/29/2023	23	66	100	100
10/29/2023	24	62	80	80
10/30/2023	1	62	68	68
10/30/2023	2	59	68	68
10/30/2023	3	57	68	68
10/30/2023	4	57	68	68
10/30/2023	5	60	68	68

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
10/30/2023	6	59	68	68
10/30/2023	7	57	63	63
10/30/2023	8	61	63	63
10/30/2023	9	63	70	70
10/30/2023	10	69	79	79
10/30/2023	11	72	83	83
10/30/2023	12	72	83	83
10/30/2023	13	74	93	93
10/30/2023	14	76	100	100
10/30/2023	15	75	100	100
10/30/2023	16	73	100	100
10/30/2023	17	72	94	94
10/30/2023	18	76	100	100
10/30/2023	19	75	90	90
10/30/2023	20	74	90	90
10/30/2023	21	73	90	90
10/30/2023	22	70	90	90
10/30/2023	23	66	88	88
10/30/2023	24	64	88	88
10/31/2023	1	62	63	63
10/31/2023	2	58	63	63
10/31/2023	3	58	63	63
10/31/2023	4	56	63	63
10/31/2023	5	60	63	63
10/31/2023	6	63	63	63
10/31/2023	7	57	63	63
10/31/2023	8	65	65	65
10/31/2023	9	74	100	100
10/31/2023	10	80	100	100
10/31/2023	11	83	100	100
10/31/2023	12	83	100	100
10/31/2023	13	83	100	100
10/31/2023	14	86	102	102
10/31/2023	15	85	105	105
10/31/2023	16	82	100	100
10/31/2023	17	80	100	100
10/31/2023	18	83	100	100
10/31/2023	19	80	100	100
10/31/2023	20	79	100	100
10/31/2023	21	75	100	100
10/31/2023	22	72	100	90
10/31/2023	23	68	100	80
10/31/2023	24	65	71	71
11/1/2023	1	65	99	99
11/1/2023	2	63	98	98
11/1/2023	3	61	95	95
11/1/2023	4	61	92	84
11/1/2023	5	61	95	95
11/1/2023	6	60	75	75
11/1/2023	7	59	80	80
11/1/2023	8	62	84	84
11/1/2023	9	67	100	100
11/1/2023	10	72	109	109
11/1/2023	11	75	120	120
11/1/2023	12	75	110	110
11/1/2023	13	77	107	107
11/1/2023	14	81	123	123
11/1/2023	15	79	123	123
11/1/2023	16	78	123	123
11/1/2023	17	77	123	123
11/1/2023	18	80	123	123
11/1/2023	19	82	127	123
11/1/2023	20	81	123	123
11/1/2023	21	78	123	123
11/1/2023	22	72	120	120

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/1/2023	23	68	110	110
11/1/2023	24	64	97	97
11/2/2023	1	59	63	63
11/2/2023	2	58	63	63
11/2/2023	3	55	63	63
11/2/2023	4	55	63	63
11/2/2023	5	55	63	63
11/2/2023	6	56	63	63
11/2/2023	7	54	63	63
11/2/2023	8	56	65	65
11/2/2023	9	57	76	76
11/2/2023	10	61	90	90
11/2/2023	11	64	100	100
11/2/2023	12	66	100	100
11/2/2023	13	67	90	90
11/2/2023	14	68	102	102
11/2/2023	15	67	105	105
11/2/2023	16	66	100	100
11/2/2023	17	66	100	100
11/2/2023	18	73	100	100
11/2/2023	19	70	100	100
11/2/2023	20	69	100	100
11/2/2023	21	67	100	100
11/2/2023	22	64	90	90
11/2/2023	23	61	80	80
11/2/2023	24	58	62	62
11/3/2023	1	63	87	87
11/3/2023	2	60	80	80
11/3/2023	3	59	80	80
11/3/2023	4	59	80	80
11/3/2023	5	61	80	80
11/3/2023	6	63	88	88
11/3/2023	7	59	88	88
11/3/2023	8	66	88	88
11/3/2023	9	74	100	100
11/3/2023	10	80	118	118
11/3/2023	11	83	122	122
11/3/2023	12	82	110	110
11/3/2023	13	83	112	112
11/3/2023	14	86	123	123
11/3/2023	15	85	123	123
11/3/2023	16	83	123	123
11/3/2023	17	80	123	123
11/3/2023	18	83	123	123
11/3/2023	19	80	127	123
11/3/2023	20	79	123	123
11/3/2023	21	76	123	123
11/3/2023	22	72	120	120
11/3/2023	23	68	110	110
11/3/2023	24	66	97	97
11/4/2023	1	65	80	80
11/4/2023	2	63	80	80
11/4/2023	3	61	73	73
11/4/2023	4	60	63	63
11/4/2023	5	61	68	68
11/4/2023	6	60	68	68
11/4/2023	7	59	71	71
11/4/2023	8	63	71	71
11/4/2023	9	71	96	96
11/4/2023	10	76	103	103
11/4/2023	11	80	123	123
11/4/2023	12	79	123	123
11/4/2023	13	82	123	123
11/4/2023	14	85	123	123
11/4/2023	15	83	123	123

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/4/2023	16	80	123	123
11/4/2023	17	79	114	114
11/4/2023	18	87	128	128
11/4/2023	19	84	137	131
11/4/2023	20	83	129	117
11/4/2023	21	81	120	120
11/4/2023	22	78	117	104
11/4/2023	23	74	105	105
11/4/2023	24	70	96	96
11/5/2023	1	64	67	67
11/5/2023	2	62	65	65
11/5/2023	3	60	65	65
11/5/2023	4	59	63	63
11/5/2023	5	59	66	66
11/5/2023	6	59	63	63
11/5/2023	7	58	63	63
11/5/2023	8	59	65	65
11/5/2023	9	62	70	69
11/5/2023	10	66	90	90
11/5/2023	11	68	100	100
11/5/2023	12	70	100	100
11/5/2023	13	71	90	90
11/5/2023	14	72	102	102
11/5/2023	15	71	105	105
11/5/2023	16	69	100	100
11/5/2023	17	70	100	100
11/5/2023	18	77	100	100
11/5/2023	19	76	100	100
11/5/2023	20	74	100	100
11/5/2023	21	73	100	100
11/5/2023	22	70	100	100
11/5/2023	23	67	100	100
11/5/2023	24	63	100	100
11/6/2023	1	62	67	67
11/6/2023	2	59	67	67
11/6/2023	3	58	64	64
11/6/2023	4	58	64	64
11/6/2023	5	61	67	67
11/6/2023	6	63	67	67
11/6/2023	7	57	71	71
11/6/2023	8	65	71	71
11/6/2023	9	74	97	97
11/6/2023	10	80	110	110
11/6/2023	11	83	135	127
11/6/2023	12	83	123	116
11/6/2023	13	83	135	135
11/6/2023	14	87	135	135
11/6/2023	15	85	135	135
11/6/2023	16	83	135	135
11/6/2023	17	80	117	117
11/6/2023	18	83	123	123
11/6/2023	19	80	120	120
11/6/2023	20	79	110	110
11/6/2023	21	75	100	100
11/6/2023	22	72	90	90
11/6/2023	23	68	88	88
11/6/2023	24	65	88	88
11/7/2023	1	68	100	63
11/7/2023	2	64	100	63
11/7/2023	3	63	100	63
11/7/2023	4	62	100	63
11/7/2023	5	66	100	63
11/7/2023	6	68	100	64
11/7/2023	7	62	100	80
11/7/2023	8	69	100	80

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/7/2023	9	80	100	100
11/7/2023	10	86	115	105
11/7/2023	11	89	115	115
11/7/2023	12	88	115	113
11/7/2023	13	89	115	115
11/7/2023	14	92	120	120
11/7/2023	15	89	115	115
11/7/2023	16	87	115	113
11/7/2023	17	85	115	113
11/7/2023	18	88	115	115
11/7/2023	19	85	110	110
11/7/2023	20	84	110	110
11/7/2023	21	80	100	100
11/7/2023	22	77	100	90
11/7/2023	23	72	100	80
11/7/2023	24	69	100	80
11/8/2023	1	67	100	97
11/8/2023	2	66	100	96
11/8/2023	3	64	100	88
11/8/2023	4	62	100	85
11/8/2023	5	66	100	90
11/8/2023	6	68	100	95
11/8/2023	7	62	100	88
11/8/2023	8	71	100	100
11/8/2023	9	80	125	125
11/8/2023	10	86	135	135
11/8/2023	11	90	135	135
11/8/2023	12	89	130	130
11/8/2023	13	90	137	137
11/8/2023	14	93	138	138
11/8/2023	15	91	138	138
11/8/2023	16	89	135	135
11/8/2023	17	85	137	135
11/8/2023	18	88	137	135
11/8/2023	19	85	135	135
11/8/2023	20	83	135	135
11/8/2023	21	80	125	125
11/8/2023	22	75	120	120
11/8/2023	23	71	110	110
11/8/2023	24	68	101	101
11/9/2023	1	65	100	65
11/9/2023	2	63	100	65
11/9/2023	3	61	100	65
11/9/2023	4	61	100	65
11/9/2023	5	64	100	65
11/9/2023	6	66	100	65
11/9/2023	7	60	100	70
11/9/2023	8	68	100	80
11/9/2023	9	78	100	100
11/9/2023	10	84	120	120
11/9/2023	11	88	135	135
11/9/2023	12	88	135	135
11/9/2023	13	88	135	135
11/9/2023	14	92	135	135
11/9/2023	15	92	135	135
11/9/2023	16	89	135	135
11/9/2023	17	85	126	126
11/9/2023	18	89	135	135
11/9/2023	19	86	135	135
11/9/2023	20	84	121	121
11/9/2023	21	82	120	120
11/9/2023	22	78	105	105
11/9/2023	23	73	100	90
11/9/2023	24	70	100	90
11/10/2023	1	68	100	80

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/10/2023	2	67	100	80
11/10/2023	3	65	100	80
11/10/2023	4	65	100	80
11/10/2023	5	66	100	80
11/10/2023	6	69	100	80
11/10/2023	7	63	100	85
11/10/2023	8	72	100	100
11/10/2023	9	84	135	135
11/10/2023	10	89	135	135
11/10/2023	11	94	135	135
11/10/2023	12	91	135	135
11/10/2023	13	94	135	135
11/10/2023	14	96	135	135
11/10/2023	15	93	135	135
11/10/2023	16	92	135	135
11/10/2023	17	87	126	126
11/10/2023	18	89	135	135
11/10/2023	19	85	135	135
11/10/2023	20	83	121	121
11/10/2023	21	78	120	110
11/10/2023	22	76	105	105
11/10/2023	23	71	100	90
11/10/2023	24	69	100	90
11/11/2023	1	68	100	77
11/11/2023	2	66	100	77
11/11/2023	3	63	100	77
11/11/2023	4	62	100	77
11/11/2023	5	63	100	77
11/11/2023	6	63	100	77
11/11/2023	7	62	100	85
11/11/2023	8	67	100	85
11/11/2023	9	75	100	100
11/11/2023	10	85	120	120
11/11/2023	11	80	101	101
11/11/2023	12	84	120	120
11/11/2023	13	84	120	120
11/11/2023	14	87	120	120
11/11/2023	15	81	120	120
11/11/2023	16	79	120	120
11/11/2023	17	79	120	120
11/11/2023	18	85	120	120
11/11/2023	19	81	115	115
11/11/2023	20	79	110	110
11/11/2023	21	76	100	100
11/11/2023	22	73	100	100
11/11/2023	23	70	100	90
11/11/2023	24	70	100	90
11/12/2023	1	62	100	66
11/12/2023	2	60	100	66
11/12/2023	3	59	100	66
11/12/2023	4	58	83	66
11/12/2023	5	59	100	66
11/12/2023	6	59	100	66
11/12/2023	7	56	74	74
11/12/2023	8	59	74	74
11/12/2023	9	63	79	79
11/12/2023	10	66	84	79
11/12/2023	11	68	80	80
11/12/2023	12	71	100	80
11/12/2023	13	72	100	85
11/12/2023	14	73	100	90
11/12/2023	15	71	100	82
11/12/2023	16	70	100	80
11/12/2023	17	70	100	80
11/12/2023	18	78	110	110

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/12/2023	19	75	100	90
11/12/2023	20	74	100	90
11/12/2023	21	73	100	90
11/12/2023	22	70	100	88
11/12/2023	23	67	100	88
11/12/2023	24	64	88	88
11/13/2023	1	61	100	77
11/13/2023	2	60	100	77
11/13/2023	3	58	100	77
11/13/2023	4	57	100	77
11/13/2023	5	61	100	77
11/13/2023	6	62	100	77
11/13/2023	7	59	100	85
11/13/2023	8	66	100	85
11/13/2023	9	76	100	100
11/13/2023	10	81	110	110
11/13/2023	11	84	120	120
11/13/2023	12	84	120	120
11/13/2023	13	85	120	120
11/13/2023	14	88	125	125
11/13/2023	15	86	120	120
11/13/2023	16	84	120	120
11/13/2023	17	83	120	120
11/13/2023	18	85	120	120
11/13/2023	19	82	120	120
11/13/2023	20	81	115	115
11/13/2023	21	79	115	115
11/13/2023	22	74	100	100
11/13/2023	23	70	100	90
11/13/2023	24	66	100	80
11/14/2023	1	66	100	100
11/14/2023	2	64	100	100
11/14/2023	3	62	92	92
11/14/2023	4	62	92	92
11/14/2023	5	65	100	100
11/14/2023	6	66	100	100
11/14/2023	7	61	96	96
11/14/2023	8	69	100	100
11/14/2023	9	79	110	110
11/14/2023	10	85	110	110
11/14/2023	11	88	115	115
11/14/2023	12	87	130	130
11/14/2023	13	89	130	130
11/14/2023	14	92	135	135
11/14/2023	15	91	130	130
11/14/2023	16	88	127	127
11/14/2023	17	86	123	123
11/14/2023	18	88	123	123
11/14/2023	19	88	130	130
11/14/2023	20	86	135	132
11/14/2023	21	83	127	127
11/14/2023	22	79	110	110
11/14/2023	23	74	100	100
11/14/2023	24	71	100	100
11/15/2023	1	68	77	77
11/15/2023	2	67	77	77
11/15/2023	3	64	77	77
11/15/2023	4	63	77	77
11/15/2023	5	67	77	77
11/15/2023	6	69	100	100
11/15/2023	7	63	85	85
11/15/2023	8	71	100	100
11/15/2023	9	81	100	100
11/15/2023	10	87	120	120
11/15/2023	11	91	120	120

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/15/2023	12	90	120	120
11/15/2023	13	91	120	120
11/15/2023	14	94	135	135
11/15/2023	15	92	135	135
11/15/2023	16	90	120	120
11/15/2023	17	86	120	120
11/15/2023	18	89	120	120
11/15/2023	19	85	120	120
11/15/2023	20	84	115	110
11/15/2023	21	81	115	110
11/15/2023	22	76	100	100
11/15/2023	23	72	100	100
11/15/2023	24	70	100	100
11/16/2023	1	69	77	77
11/16/2023	2	67	77	77
11/16/2023	3	66	77	77
11/16/2023	4	65	77	77
11/16/2023	5	68	77	77
11/16/2023	6	70	100	100
11/16/2023	7	64	85	85
11/16/2023	8	72	100	100
11/16/2023	9	83	100	100
11/16/2023	10	89	120	120
11/16/2023	11	93	135	135
11/16/2023	12	92	135	135
11/16/2023	13	93	135	135
11/16/2023	14	96	135	135
11/16/2023	15	95	135	135
11/16/2023	16	92	135	135
11/16/2023	17	90	135	135
11/16/2023	18	94	135	135
11/16/2023	19	91	135	135
11/16/2023	20	90	125	125
11/16/2023	21	87	120	120
11/16/2023	22	82	100	100
11/16/2023	23	77	100	100
11/16/2023	24	74	100	100
11/17/2023	1	63	77	77
11/17/2023	2	60	77	77
11/17/2023	3	59	77	77
11/17/2023	4	58	77	77
11/17/2023	5	60	77	77
11/17/2023	6	62	77	77
11/17/2023	7	60	85	85
11/17/2023	8	67	85	85
11/17/2023	9	75	100	100
11/17/2023	10	81	120	120
11/17/2023	11	84	123	123
11/17/2023	12	85	120	120
11/17/2023	13	86	120	120
11/17/2023	14	89	130	130
11/17/2023	15	89	135	135
11/17/2023	16	86	128	128
11/17/2023	17	81	115	115
11/17/2023	18	86	130	130
11/17/2023	19	82	110	110
11/17/2023	20	80	100	100
11/17/2023	21	79	100	100
11/17/2023	22	74	100	100
11/17/2023	23	70	85	85
11/17/2023	24	68	80	80
11/18/2023	1	65	100	88
11/18/2023	2	64	100	88
11/18/2023	3	62	88	88
11/18/2023	4	61	88	88

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/18/2023	5	61	88	88
11/18/2023	6	61	88	88
11/18/2023	7	61	96	96
11/18/2023	8	66	100	96
11/18/2023	9	73	110	110
11/18/2023	10	78	110	110
11/18/2023	11	81	135	135
11/18/2023	12	80	130	130
11/18/2023	13	80	135	135
11/18/2023	14	82	135	135
11/18/2023	15	80	135	135
11/18/2023	16	78	106	105
11/18/2023	17	78	106	104
11/18/2023	18	83	135	135
11/18/2023	19	78	107	107
11/18/2023	20	76	105	105
11/18/2023	21	74	105	105
11/18/2023	22	72	100	100
11/18/2023	23	67	95	95
11/18/2023	24	66	95	95
11/19/2023	1	63	100	77
11/19/2023	2	62	100	77
11/19/2023	3	60	100	77
11/19/2023	4	59	100	77
11/19/2023	5	59	100	77
11/19/2023	6	59	100	77
11/19/2023	7	58	100	85
11/19/2023	8	59	100	85
11/19/2023	9	62	100	100
11/19/2023	10	66	100	100
11/19/2023	11	68	100	100
11/19/2023	12	70	100	100
11/19/2023	13	71	100	100
11/19/2023	14	72	100	100
11/19/2023	15	70	100	100
11/19/2023	16	69	100	100
11/19/2023	17	69	100	100
11/19/2023	18	77	105	105
11/19/2023	19	76	100	100
11/19/2023	20	74	100	100
11/19/2023	21	73	100	100
11/19/2023	22	70	100	100
11/19/2023	23	67	100	100
11/19/2023	24	63	100	100
11/20/2023	1	65	100	100
11/20/2023	2	63	100	96
11/20/2023	3	61	95	88
11/20/2023	4	60	88	88
11/20/2023	5	63	100	90
11/20/2023	6	64	100	100
11/20/2023	7	59	96	96
11/20/2023	8	67	100	100
11/20/2023	9	77	120	120
11/20/2023	10	83	120	120
11/20/2023	11	85	123	123
11/20/2023	12	84	134	134
11/20/2023	13	86	134	123
11/20/2023	14	89	135	135
11/20/2023	15	88	135	135
11/20/2023	16	85	135	135
11/20/2023	17	82	118	118
11/20/2023	18	87	135	135
11/20/2023	19	83	125	125
11/20/2023	20	81	125	125
11/20/2023	21	79	120	120

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/20/2023	22	75	120	120
11/20/2023	23	71	110	110
11/20/2023	24	68	100	100
11/21/2023	1	67	100	100
11/21/2023	2	66	100	100
11/21/2023	3	63	100	94
11/21/2023	4	63	100	90
11/21/2023	5	66	100	95
11/21/2023	6	67	100	100
11/21/2023	7	62	96	96
11/21/2023	8	71	136	104
11/21/2023	9	82	136	134
11/21/2023	10	87	135	133
11/21/2023	11	90	138	138
11/21/2023	12	89	135	135
11/21/2023	13	91	135	135
11/21/2023	14	94	138	138
11/21/2023	15	93	138	138
11/21/2023	16	91	138	138
11/21/2023	17	87	135	135
11/21/2023	18	91	138	138
11/21/2023	19	89	135	135
11/21/2023	20	87	130	130
11/21/2023	21	84	123	123
11/21/2023	22	80	123	123
11/21/2023	23	74	100	100
11/21/2023	24	69	100	100
11/22/2023	1	67	100	75
11/22/2023	2	66	100	73
11/22/2023	3	63	79	72
11/22/2023	4	62	75	72
11/22/2023	5	65	98	77
11/22/2023	6	68	100	77
11/22/2023	7	61	80	80
11/22/2023	8	70	100	85
11/22/2023	9	79	105	105
11/22/2023	10	85	123	123
11/22/2023	11	89	125	125
11/22/2023	12	88	130	130
11/22/2023	13	89	126	126
11/22/2023	14	92	135	135
11/22/2023	15	90	125	125
11/22/2023	16	88	130	130
11/22/2023	17	84	130	130
11/22/2023	18	87	130	130
11/22/2023	19	84	120	120
11/22/2023	20	82	120	120
11/22/2023	21	79	110	110
11/22/2023	22	74	95	95
11/22/2023	23	71	95	95
11/22/2023	24	67	90	90
11/23/2023	1	64	87	77
11/23/2023	2	63	75	75
11/23/2023	3	61	72	72
11/23/2023	4	60	72	72
11/23/2023	5	63	72	72
11/23/2023	6	64	90	80
11/23/2023	7	60	88	88
11/23/2023	8	68	90	90
11/23/2023	9	79	100	100
11/23/2023	10	84	110	110
11/23/2023	11	88	118	118
11/23/2023	12	88	115	115
11/23/2023	13	89	118	118
11/23/2023	14	92	132	132

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/23/2023	15	92	131	131
11/23/2023	16	87	120	120
11/23/2023	17	84	110	110
11/23/2023	18	89	125	125
11/23/2023	19	86	115	115
11/23/2023	20	84	110	110
11/23/2023	21	83	110	110
11/23/2023	22	77	100	90
11/23/2023	23	73	100	88
11/23/2023	24	70	90	88
11/24/2023	1	67	80	80
11/24/2023	2	65	80	80
11/24/2023	3	62	80	80
11/24/2023	4	62	67	67
11/24/2023	5	64	75	67
11/24/2023	6	66	70	67
11/24/2023	7	62	75	74
11/24/2023	8	70	80	80
11/24/2023	9	79	100	100
11/24/2023	10	87	115	115
11/24/2023	11	89	120	120
11/24/2023	12	89	118	118
11/24/2023	13	90	121	121
11/24/2023	14	94	138	138
11/24/2023	15	93	135	135
11/24/2023	16	90	125	125
11/24/2023	17	87	115	115
11/24/2023	18	92	133	133
11/24/2023	19	87	116	116
11/24/2023	20	85	115	115
11/24/2023	21	83	109	109
11/24/2023	22	78	100	100
11/24/2023	23	74	90	90
11/24/2023	24	71	88	88
11/25/2023	1	66	77	77
11/25/2023	2	65	77	77
11/25/2023	3	63	77	77
11/25/2023	4	62	77	77
11/25/2023	5	63	77	77
11/25/2023	6	63	77	77
11/25/2023	7	62	85	85
11/25/2023	8	67	85	85
11/25/2023	9	73	100	100
11/25/2023	10	78	100	100
11/25/2023	11	81	102	102
11/25/2023	12	82	102	102
11/25/2023	13	83	110	110
11/25/2023	14	86	120	120
11/25/2023	15	85	115	115
11/25/2023	16	82	110	110
11/25/2023	17	81	110	110
11/25/2023	18	89	125	125
11/25/2023	19	83	110	110
11/25/2023	20	82	110	110
11/25/2023	21	82	110	110
11/25/2023	22	80	100	100
11/25/2023	23	75	100	100
11/25/2023	24	66	71	71
11/26/2023	1	61	60	60
11/26/2023	2	60	60	60
11/26/2023	3	59	60	60
11/26/2023	4	57	55	55
11/26/2023	5	58	55	55
11/26/2023	6	57	55	55
11/26/2023	7	55	55	55

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/26/2023	8	58	60	60
11/26/2023	9	62	63	63
11/26/2023	10	65	70	70
11/26/2023	11	68	76	75
11/26/2023	12	69	77	77
11/26/2023	13	70	70	70
11/26/2023	14	72	77	77
11/26/2023	15	71	74	74
11/26/2023	16	70	73	73
11/26/2023	17	70	76	76
11/26/2023	18	78	97	97
11/26/2023	19	77	90	90
11/26/2023	20	75	90	90
11/26/2023	21	73	80	80
11/26/2023	22	70	80	80
11/26/2023	23	66	70	70
11/26/2023	24	63	65	65
11/27/2023	1	62	77	77
11/27/2023	2	60	77	77
11/27/2023	3	59	77	77
11/27/2023	4	57	77	77
11/27/2023	5	58	77	77
11/27/2023	6	59	77	77
11/27/2023	7	58	85	85
11/27/2023	8	61	85	85
11/27/2023	9	69	100	100
11/27/2023	10	73	100	100
11/27/2023	11	75	100	100
11/27/2023	12	75	100	100
11/27/2023	13	76	100	100
11/27/2023	14	77	100	100
11/27/2023	15	76	100	100
11/27/2023	16	74	100	100
11/27/2023	17	73	100	100
11/27/2023	18	79	100	100
11/27/2023	19	77	100	100
11/27/2023	20	75	100	100
11/27/2023	21	72	93	93
11/27/2023	22	69	80	80
11/27/2023	23	65	80	80
11/27/2023	24	62	71	71
11/28/2023	1	62	66	66
11/28/2023	2	60	60	60
11/28/2023	3	57	60	60
11/28/2023	4	57	60	60
11/28/2023	5	60	60	60
11/28/2023	6	62	60	60
11/28/2023	7	57	60	60
11/28/2023	8	65	70	70
11/28/2023	9	76	90	90
11/28/2023	10	81	100	100
11/28/2023	11	85	100	100
11/28/2023	12	84	100	100
11/28/2023	13	85	100	100
11/28/2023	14	89	108	108
11/28/2023	15	87	105	105
11/28/2023	16	85	105	105
11/28/2023	17	82	100	100
11/28/2023	18	87	110	110
11/28/2023	19	83	100	100
11/28/2023	20	81	100	100
11/28/2023	21	79	90	90
11/28/2023	22	75	90	90
11/28/2023	23	71	90	90
11/28/2023	24	67	76	76

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
11/29/2023	1	67	80	80
11/29/2023	2	64	70	70
11/29/2023	3	63	70	70
11/29/2023	4	62	67	67
11/29/2023	5	66	75	75
11/29/2023	6	69	66	66
11/29/2023	7	62	60	60
11/29/2023	8	71	70	70
11/29/2023	9	79	100	100
11/29/2023	10	85	100	100
11/29/2023	11	90	117	117
11/29/2023	12	89	117	117
11/29/2023	13	90	110	110
11/29/2023	14	93	119	119
11/29/2023	15	92	116	116
11/29/2023	16	90	115	115
11/29/2023	17	87	110	110
11/29/2023	18	91	115	115
11/29/2023	19	88	115	115
11/29/2023	20	85	110	110
11/29/2023	21	83	100	100
11/29/2023	22	78	92	92
11/29/2023	23	74	80	80
11/29/2023	24	69	75	75
11/30/2023	1	67	70	70
11/30/2023	2	64	70	70
11/30/2023	3	63	69	69
11/30/2023	4	62	69	69
11/30/2023	5	65	70	70
11/30/2023	6	65	70	70
11/30/2023	7	62	69	69
11/30/2023	8	71	80	80
11/30/2023	9	80	95	95
11/30/2023	10	86	106	106
11/30/2023	11	90	117	117
11/30/2023	12	89	117	117
11/30/2023	13	92	122	122
11/30/2023	14	93	126	126
11/30/2023	15	91	121	121
11/30/2023	16	88	119	119
11/30/2023	17	86	119	119
11/30/2023	18	89	119	119
11/30/2023	19	85	106	106
11/30/2023	20	84	105	105
11/30/2023	21	81	100	100
11/30/2023	22	76	90	90
11/30/2023	23	72	82	82
11/30/2023	24	67	72	72
12/1/2023	1	65	60	60
12/1/2023	2	63	60	60
12/1/2023	3	61	60	60
12/1/2023	4	62	60	60
12/1/2023	5	63	60	60
12/1/2023	6	65	60	60
12/1/2023	7	62	60	60
12/1/2023	8	68	63	63
12/1/2023	9	79	85	85
12/1/2023	10	83	95	95
12/1/2023	11	86	100	100
12/1/2023	12	84	95	95
12/1/2023	13	84	100	100
12/1/2023	14	87	102	102
12/1/2023	15	86	100	100
12/1/2023	16	85	100	100
12/1/2023	17	73	80	80

Note: Five Year Historical Hourly Levels are based on 2019-2023 Actual AS Levels. Due to unavailability of retrievable data, oldest data retrieved for Mindanao was from January 22, 2019.

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/1/2023	18	79	87	87
12/1/2023	19	78	84	84
12/1/2023	20	79	87	87
12/1/2023	21	78	87	87
12/1/2023	22	74	80	80
12/1/2023	23	70	75	75
12/1/2023	24	67	70	70
12/2/2023	1	68	80	80
12/2/2023	2	66	79	79
12/2/2023	3	64	70	70
12/2/2023	4	62	70	70
12/2/2023	5	63	70	70
12/2/2023	6	63	65	65
12/2/2023	7	64	65	65
12/2/2023	8	67	76	76
12/2/2023	9	73	99	99
12/2/2023	10	79	100	100
12/2/2023	11	82	100	100
12/2/2023	12	82	108	108
12/2/2023	13	84	120	120
12/2/2023	14	86	128	128
12/2/2023	15	86	129	129
12/2/2023	16	82	129	129
12/2/2023	17	81	126	126
12/2/2023	18	88	131	131
12/2/2023	19	84	135	135
12/2/2023	20	82	126	126
12/2/2023	21	80	107	107
12/2/2023	22	76	100	100
12/2/2023	23	72	100	100
12/2/2023	24	66	80	80
12/3/2023	1	63	77	77
12/3/2023	2	62	77	77
12/3/2023	3	60	77	77
12/3/2023	4	59	77	77
12/3/2023	5	59	77	77
12/3/2023	6	58	77	77
12/3/2023	7	56	79	79
12/3/2023	8	59	85	85
12/3/2023	9	65	100	100
12/3/2023	10	70	100	100
12/3/2023	11	72	100	100
12/3/2023	12	73	100	100
12/3/2023	13	73	100	100
12/3/2023	14	75	100	100
12/3/2023	15	74	100	100
12/3/2023	16	74	100	100
12/3/2023	17	74	100	100
12/3/2023	18	78	100	100
12/3/2023	19	77	100	100
12/3/2023	20	76	100	100
12/3/2023	21	74	98	98
12/3/2023	22	71	80	80
12/3/2023	23	68	80	80
12/3/2023	24	65	71	71
12/4/2023	1	64	80	80
12/4/2023	2	62	73	73
12/4/2023	3	61	73	73
12/4/2023	4	60	73	73
12/4/2023	5	62	73	73
12/4/2023	6	64	80	80
12/4/2023	7	60	73	73
12/4/2023	8	67	80	80
12/4/2023	9	77	100	100
12/4/2023	10	81	107	107

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/4/2023	11	84	118	118
12/4/2023	12	85	117	117
12/4/2023	13	85	126	126
12/4/2023	14	88	135	135
12/4/2023	15	87	135	135
12/4/2023	16	83	109	109
12/4/2023	17	82	109	109
12/4/2023	18	86	110	110
12/4/2023	19	82	100	100
12/4/2023	20	81	100	100
12/4/2023	21	78	100	100
12/4/2023	22	74	100	100
12/4/2023	23	70	90	90
12/4/2023	24	66	70	70
12/5/2023	1	63	85	85
12/5/2023	2	61	85	85
12/5/2023	3	60	85	85
12/5/2023	4	60	85	85
12/5/2023	5	62	85	85
12/5/2023	6	63	85	85
12/5/2023	7	60	85	85
12/5/2023	8	67	80	80
12/5/2023	9	76	100	100
12/5/2023	10	83	100	100
12/5/2023	11	84	110	110
12/5/2023	12	84	110	110
12/5/2023	13	84	110	110
12/5/2023	14	88	135	135
12/5/2023	15	87	130	130
12/5/2023	16	84	126	126
12/5/2023	17	84	115	115
12/5/2023	18	88	115	115
12/5/2023	19	82	100	100
12/5/2023	20	81	100	100
12/5/2023	21	79	100	100
12/5/2023	22	74	100	100
12/5/2023	23	70	100	100
12/5/2023	24	68	100	100
12/6/2023	1	67	84	84
12/6/2023	2	63	75	75
12/6/2023	3	62	70	70
12/6/2023	4	61	70	70
12/6/2023	5	64	75	75
12/6/2023	6	66	89	89
12/6/2023	7	62	75	75
12/6/2023	8	72	100	100
12/6/2023	9	80	100	100
12/6/2023	10	87	104	104
12/6/2023	11	90	117	117
12/6/2023	12	90	117	117
12/6/2023	13	91	127	127
12/6/2023	14	95	135	135
12/6/2023	15	94	135	135
12/6/2023	16	90	128	128
12/6/2023	17	87	118	118
12/6/2023	18	89	118	118
12/6/2023	19	86	110	110
12/6/2023	20	88	109	109
12/6/2023	21	83	95	95
12/6/2023	22	79	96	96
12/6/2023	23	74	83	83
12/6/2023	24	71	84	84
12/7/2023	1	67	80	80
12/7/2023	2	65	73	73
12/7/2023	3	64	70	70

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/7/2023	4	63	70	70
12/7/2023	5	66	72	72
12/7/2023	6	67	80	80
12/7/2023	7	64	72	72
12/7/2023	8	70	75	75
12/7/2023	9	80	95	95
12/7/2023	10	85	104	104
12/7/2023	11	88	117	117
12/7/2023	12	88	117	117
12/7/2023	13	90	122	122
12/7/2023	14	92	135	135
12/7/2023	15	90	135	135
12/7/2023	16	87	135	128
12/7/2023	17	86	118	118
12/7/2023	18	90	118	118
12/7/2023	19	86	114	114
12/7/2023	20	85	109	109
12/7/2023	21	82	100	100
12/7/2023	22	77	100	100
12/7/2023	23	72	100	100
12/7/2023	24	70	80	80
12/8/2023	1	67	80	80
12/8/2023	2	64	80	80
12/8/2023	3	62	74	74
12/8/2023	4	61	78	78
12/8/2023	5	61	68	68
12/8/2023	6	63	80	80
12/8/2023	7	61	70	70
12/8/2023	8	65	80	80
12/8/2023	9	72	87	87
12/8/2023	10	77	100	100
12/8/2023	11	81	100	100
12/8/2023	12	80	108	108
12/8/2023	13	81	101	101
12/8/2023	14	84	110	110
12/8/2023	15	85	120	120
12/8/2023	16	81	118	118
12/8/2023	17	79	118	118
12/8/2023	18	86	120	120
12/8/2023	19	83	120	120
12/8/2023	20	81	120	120
12/8/2023	21	80	107	107
12/8/2023	22	76	100	100
12/8/2023	23	71	100	100
12/8/2023	24	68	80	80
12/9/2023	1	63	77	77
12/9/2023	2	62	77	77
12/9/2023	3	60	77	77
12/9/2023	4	59	77	77
12/9/2023	5	59	77	77
12/9/2023	6	59	77	77
12/9/2023	7	59	79	79
12/9/2023	8	64	85	85
12/9/2023	9	70	100	100
12/9/2023	10	74	100	100
12/9/2023	11	77	100	100
12/9/2023	12	77	100	100
12/9/2023	13	78	100	100
12/9/2023	14	80	100	100
12/9/2023	15	79	100	100
12/9/2023	16	77	100	100
12/9/2023	17	76	100	100
12/9/2023	18	82	100	100
12/9/2023	19	78	100	100
12/9/2023	20	77	100	100

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/9/2023	21	75	100	100
12/9/2023	22	72	92	92
12/9/2023	23	68	91	91
12/9/2023	24	65	87	87
12/10/2023	1	61	67	67
12/10/2023	2	60	69	69
12/10/2023	3	59	65	65
12/10/2023	4	57	61	61
12/10/2023	5	57	60	60
12/10/2023	6	57	62	62
12/10/2023	7	55	60	60
12/10/2023	8	57	60	60
12/10/2023	9	62	60	60
12/10/2023	10	66	70	70
12/10/2023	11	68	76	75
12/10/2023	12	69	77	77
12/10/2023	13	70	77	77
12/10/2023	14	71	80	80
12/10/2023	15	71	80	80
12/10/2023	16	70	80	80
12/10/2023	17	70	85	85
12/10/2023	18	78	97	97
12/10/2023	19	76	90	90
12/10/2023	20	75	95	95
12/10/2023	21	74	90	90
12/10/2023	22	71	80	80
12/10/2023	23	67	72	72
12/10/2023	24	64	70	70
12/11/2023	1	62	70	70
12/11/2023	2	60	66	66
12/11/2023	3	59	60	60
12/11/2023	4	58	70	70
12/11/2023	5	60	60	60
12/11/2023	6	62	70	70
12/11/2023	7	59	65	60
12/11/2023	8	66	70	70
12/11/2023	9	75	90	90
12/11/2023	10	80	104	104
12/11/2023	11	84	110	110
12/11/2023	12	83	110	110
12/11/2023	13	84	110	110
12/11/2023	14	87	124	124
12/11/2023	15	86	124	124
12/11/2023	16	84	115	115
12/11/2023	17	82	109	109
12/11/2023	18	86	110	110
12/11/2023	19	82	100	100
12/11/2023	20	81	100	100
12/11/2023	21	78	100	100
12/11/2023	22	74	100	100
12/11/2023	23	70	90	90
12/11/2023	24	66	70	70
12/12/2023	1	67	87	87
12/12/2023	2	65	75	75
12/12/2023	3	64	75	75
12/12/2023	4	64	90	90
12/12/2023	5	65	90	90
12/12/2023	6	67	88	88
12/12/2023	7	62	75	75
12/12/2023	8	71	94	94
12/12/2023	9	82	110	110
12/12/2023	10	88	123	123
12/12/2023	11	91	123	123
12/12/2023	12	90	123	123
12/12/2023	13	91	123	123

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/12/2023	14	94	135	135
12/12/2023	15	93	135	135
12/12/2023	16	91	135	135
12/12/2023	17	88	131	131
12/12/2023	18	92	131	131
12/12/2023	19	88	123	123
12/12/2023	20	87	125	125
12/12/2023	21	83	123	123
12/12/2023	22	79	100	100
12/12/2023	23	74	100	100
12/12/2023	24	71	100	100
12/13/2023	1	68	100	100
12/13/2023	2	65	77	77
12/13/2023	3	64	77	77
12/13/2023	4	64	86	86
12/13/2023	5	64	82	82
12/13/2023	6	66	100	100
12/13/2023	7	64	100	100
12/13/2023	8	72	100	100
12/13/2023	9	80	100	100
12/13/2023	10	87	117	117
12/13/2023	11	92	135	135
12/13/2023	12	91	135	135
12/13/2023	13	93	135	135
12/13/2023	14	96	135	135
12/13/2023	15	96	135	135
12/13/2023	16	94	135	135
12/13/2023	17	90	135	135
12/13/2023	18	95	135	135
12/13/2023	19	93	135	135
12/13/2023	20	88	135	135
12/13/2023	21	88	135	135
12/13/2023	22	80	100	100
12/13/2023	23	76	100	100
12/13/2023	24	72	100	100
12/14/2023	1	69	77	77
12/14/2023	2	67	77	77
12/14/2023	3	66	77	77
12/14/2023	4	65	77	77
12/14/2023	5	67	100	100
12/14/2023	6	69	100	100
12/14/2023	7	67	100	100
12/14/2023	8	70	100	100
12/14/2023	9	81	100	100
12/14/2023	10	85	117	117
12/14/2023	11	88	135	135
12/14/2023	12	89	135	135
12/14/2023	13	89	135	135
12/14/2023	14	92	135	135
12/14/2023	15	92	135	135
12/14/2023	16	88	135	135
12/14/2023	17	89	135	135
12/14/2023	18	93	135	135
12/14/2023	19	88	135	135
12/14/2023	20	87	135	135
12/14/2023	21	84	135	135
12/14/2023	22	79	100	100
12/14/2023	23	75	100	100
12/14/2023	24	71	100	100
12/15/2023	1	66	90	90
12/15/2023	2	64	90	90
12/15/2023	3	63	90	90
12/15/2023	4	63	87	87
12/15/2023	5	63	85	85
12/15/2023	6	65	89	89

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/15/2023	7	63	85	85
12/15/2023	8	69	100	100
12/15/2023	9	78	100	100
12/15/2023	10	83	115	115
12/15/2023	11	86	115	115
12/15/2023	12	85	117	117
12/15/2023	13	86	122	122
12/15/2023	14	89	135	135
12/15/2023	15	88	135	135
12/15/2023	16	86	135	135
12/15/2023	17	82	133	133
12/15/2023	18	87	135	135
12/15/2023	19	85	135	135
12/15/2023	20	83	120	120
12/15/2023	21	81	120	120
12/15/2023	22	77	100	100
12/15/2023	23	73	100	100
12/15/2023	24	71	100	100
12/16/2023	1	68	77	77
12/16/2023	2	66	77	77
12/16/2023	3	64	77	77
12/16/2023	4	63	77	77
12/16/2023	5	62	77	77
12/16/2023	6	63	77	77
12/16/2023	7	62	89	89
12/16/2023	8	67	88	88
12/16/2023	9	74	100	100
12/16/2023	10	80	100	100
12/16/2023	11	83	108	108
12/16/2023	12	83	108	108
12/16/2023	13	84	110	110
12/16/2023	14	87	120	120
12/16/2023	15	87	120	120
12/16/2023	16	83	120	120
12/16/2023	17	82	120	120
12/16/2023	18	87	120	120
12/16/2023	19	84	120	120
12/16/2023	20	83	110	110
12/16/2023	21	80	108	108
12/16/2023	22	77	100	100
12/16/2023	23	72	100	100
12/16/2023	24	71	100	100
12/17/2023	1	59	70	70
12/17/2023	2	57	70	70
12/17/2023	3	56	70	70
12/17/2023	4	55	70	70
12/17/2023	5	54	70	70
12/17/2023	6	55	70	70
12/17/2023	7	54	70	70
12/17/2023	8	55	70	70
12/17/2023	9	60	70	70
12/17/2023	10	64	75	75
12/17/2023	11	66	76	75
12/17/2023	12	67	80	80
12/17/2023	13	67	80	80
12/17/2023	14	70	85	85
12/17/2023	15	68	80	80
12/17/2023	16	67	80	80
12/17/2023	17	66	84	84
12/17/2023	18	78	100	100
12/17/2023	19	76	95	95
12/17/2023	20	75	95	95
12/17/2023	21	72	90	90
12/17/2023	22	70	85	85
12/17/2023	23	66	80	80

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/17/2023	24	62	80	80
12/18/2023	1	59	77	77
12/18/2023	2	57	77	77
12/18/2023	3	56	77	77
12/18/2023	4	55	77	77
12/18/2023	5	58	77	77
12/18/2023	6	60	77	77
12/18/2023	7	57	79	79
12/18/2023	8	64	88	88
12/18/2023	9	74	100	100
12/18/2023	10	79	100	100
12/18/2023	11	83	108	108
12/18/2023	12	82	108	108
12/18/2023	13	84	110	110
12/18/2023	14	86	110	110
12/18/2023	15	84	110	110
12/18/2023	16	82	110	110
12/18/2023	17	80	110	110
12/18/2023	18	84	110	110
12/18/2023	19	82	120	110
12/18/2023	20	79	105	100
12/18/2023	21	76	100	100
12/18/2023	22	72	100	100
12/18/2023	23	68	90	90
12/18/2023	24	66	80	80
12/19/2023	1	67	85	85
12/19/2023	2	65	80	80
12/19/2023	3	63	80	80
12/19/2023	4	62	80	80
12/19/2023	5	63	80	80
12/19/2023	6	63	100	100
12/19/2023	7	62	80	80
12/19/2023	8	69	100	100
12/19/2023	9	79	108	108
12/19/2023	10	84	125	125
12/19/2023	11	88	134	134
12/19/2023	12	86	134	134
12/19/2023	13	88	135	135
12/19/2023	14	92	135	135
12/19/2023	15	91	135	135
12/19/2023	16	89	135	135
12/19/2023	17	84	135	135
12/19/2023	18	83	135	135
12/19/2023	19	86	135	135
12/19/2023	20	83	129	129
12/19/2023	21	81	118	118
12/19/2023	22	78	110	110
12/19/2023	23	75	100	100
12/19/2023	24	70	100	100
12/20/2023	1	61	80	80
12/20/2023	2	58	80	80
12/20/2023	3	57	80	80
12/20/2023	4	56	75	75
12/20/2023	5	57	75	75
12/20/2023	6	59	80	80
12/20/2023	7	57	80	80
12/20/2023	8	64	86	86
12/20/2023	9	73	110	110
12/20/2023	10	78	113	113
12/20/2023	11	81	120	120
12/20/2023	12	80	120	120
12/20/2023	13	82	126	126
12/20/2023	14	83	130	130
12/20/2023	15	83	130	130
12/20/2023	16	81	130	130

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/20/2023	17	79	130	130
12/20/2023	18	83	130	130
12/20/2023	19	80	124	124
12/20/2023	20	78	123	123
12/20/2023	21	76	117	117
12/20/2023	22	71	110	110
12/20/2023	23	67	100	100
12/20/2023	24	64	98	98
12/21/2023	1	61	77	77
12/21/2023	2	59	77	77
12/21/2023	3	58	77	77
12/21/2023	4	57	77	77
12/21/2023	5	58	77	77
12/21/2023	6	60	77	77
12/21/2023	7	59	79	79
12/21/2023	8	64	85	85
12/21/2023	9	73	100	100
12/21/2023	10	77	100	100
12/21/2023	11	80	108	108
12/21/2023	12	78	108	108
12/21/2023	13	79	110	110
12/21/2023	14	80	120	120
12/21/2023	15	80	120	120
12/21/2023	16	78	120	120
12/21/2023	17	79	120	120
12/21/2023	18	81	120	120
12/21/2023	19	78	110	110
12/21/2023	20	76	110	110
12/21/2023	21	74	108	108
12/21/2023	22	70	100	100
12/21/2023	23	66	90	90
12/21/2023	24	63	80	80
12/22/2023	1	61	86	80
12/22/2023	2	60	81	80
12/22/2023	3	58	80	80
12/22/2023	4	57	80	80
12/22/2023	5	59	80	80
12/22/2023	6	60	95	93
12/22/2023	7	59	87	87
12/22/2023	8	65	90	90
12/22/2023	9	75	115	115
12/22/2023	10	78	120	120
12/22/2023	11	82	135	135
12/22/2023	12	80	135	135
12/22/2023	13	80	135	135
12/22/2023	14	82	135	135
12/22/2023	15	82	135	135
12/22/2023	16	81	130	130
12/22/2023	17	80	130	130
12/22/2023	18	83	135	135
12/22/2023	19	80	125	125
12/22/2023	20	78	123	123
12/22/2023	21	76	123	123
12/22/2023	22	72	110	110
12/22/2023	23	67	95	95
12/22/2023	24	64	99	99
12/23/2023	1	64	77	77
12/23/2023	2	61	77	77
12/23/2023	3	61	77	77
12/23/2023	4	59	77	77
12/23/2023	5	59	77	77
12/23/2023	6	60	77	77
12/23/2023	7	59	79	79
12/23/2023	8	64	85	85
12/23/2023	9	71	100	100

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DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/23/2023	10	75	100	100
12/23/2023	11	78	108	108
12/23/2023	12	77	108	108
12/23/2023	13	79	110	110
12/23/2023	14	81	120	120
12/23/2023	15	81	120	120
12/23/2023	16	79	120	120
12/23/2023	17	77	120	120
12/23/2023	18	84	120	120
12/23/2023	19	82	120	120
12/23/2023	20	80	110	110
12/23/2023	21	79	108	108
12/23/2023	22	75	100	100
12/23/2023	23	69	90	90
12/23/2023	24	66	80	80
12/24/2023	1	56	70	70
12/24/2023	2	54	70	70
12/24/2023	3	52	70	70
12/24/2023	4	51	70	70
12/24/2023	5	50	70	70
12/24/2023	6	51	70	70
12/24/2023	7	51	70	70
12/24/2023	8	53	70	70
12/24/2023	9	57	70	70
12/24/2023	10	60	70	70
12/24/2023	11	62	74	74
12/24/2023	12	62	70	70
12/24/2023	13	62	70	70
12/24/2023	14	63	77	77
12/24/2023	15	63	84	84
12/24/2023	16	62	90	90
12/24/2023	17	62	90	90
12/24/2023	18	69	100	100
12/24/2023	19	66	100	100
12/24/2023	20	64	100	100
12/24/2023	21	63	90	90
12/24/2023	22	60	89	89
12/24/2023	23	57	70	70
12/24/2023	24	54	70	70
12/25/2023	1	52	77	77
12/25/2023	2	49	77	77
12/25/2023	3	48	77	77
12/25/2023	4	46	77	77
12/25/2023	5	46	77	77
12/25/2023	6	47	77	77
12/25/2023	7	47	77	77
12/25/2023	8	48	77	77
12/25/2023	9	50	77	77
12/25/2023	10	51	77	77
12/25/2023	11	54	90	90
12/25/2023	12	56	100	100
12/25/2023	13	58	100	100
12/25/2023	14	59	100	100
12/25/2023	15	60	100	100
12/25/2023	16	59	100	100
12/25/2023	17	58	100	100
12/25/2023	18	63	100	100
12/25/2023	19	62	100	100
12/25/2023	20	60	100	100
12/25/2023	21	58	100	100
12/25/2023	22	55	100	90
12/25/2023	23	52	80	80
12/25/2023	24	49	70	70
12/26/2023	1	48	77	77
12/26/2023	2	46	75	75

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/26/2023	3	45	60	60
12/26/2023	4	44	60	60
12/26/2023	5	46	69	69
12/26/2023	6	48	77	77
12/26/2023	7	49	77	77
12/26/2023	8	52	77	77
12/26/2023	9	60	77	77
12/26/2023	10	66	90	90
12/26/2023	11	69	100	100
12/26/2023	12	68	100	100
12/26/2023	13	67	100	100
12/26/2023	14	68	100	100
12/26/2023	15	71	100	100
12/26/2023	16	69	100	100
12/26/2023	17	67	100	100
12/26/2023	18	72	100	100
12/26/2023	19	67	100	100
12/26/2023	20	65	100	100
12/26/2023	21	63	100	100
12/26/2023	22	58	100	90
12/26/2023	23	54	80	80
12/26/2023	24	51	70	70
12/27/2023	1	62	90	90
12/27/2023	2	59	82	82
12/27/2023	3	58	80	80
12/27/2023	4	58	77	77
12/27/2023	5	58	90	90
12/27/2023	6	60	80	80
12/27/2023	7	59	80	80
12/27/2023	8	65	90	90
12/27/2023	9	74	110	110
12/27/2023	10	80	133	129
12/27/2023	11	83	135	134
12/27/2023	12	82	134	131
12/27/2023	13	83	135	129
12/27/2023	14	85	135	135
12/27/2023	15	85	136	135
12/27/2023	16	84	136	135
12/27/2023	17	82	131	130
12/27/2023	18	86	135	135
12/27/2023	19	83	136	135
12/27/2023	20	80	135	123
12/27/2023	21	78	135	123
12/27/2023	22	74	123	123
12/27/2023	23	69	123	123
12/27/2023	24	67	117	117
12/28/2023	1	63	77	77
12/28/2023	2	61	77	77
12/28/2023	3	59	77	77
12/28/2023	4	59	77	77
12/28/2023	5	60	77	77
12/28/2023	6	61	77	77
12/28/2023	7	61	77	77
12/28/2023	8	65	77	77
12/28/2023	9	74	100	100
12/28/2023	10	79	100	100
12/28/2023	11	83	108	108
12/28/2023	12	81	108	108
12/28/2023	13	82	110	110
12/28/2023	14	85	135	135
12/28/2023	15	84	135	135
12/28/2023	16	83	135	135
12/28/2023	17	80	130	130
12/28/2023	18	85	130	130
12/28/2023	19	82	130	130

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/28/2023	20	80	100	100
12/28/2023	21	76	100	100
12/28/2023	22	74	100	100
12/28/2023	23	70	100	100
12/28/2023	24	61	75	75
12/29/2023	1	66	100	100
12/29/2023	2	65	100	100
12/29/2023	3	63	100	100
12/29/2023	4	62	100	100
12/29/2023	5	62	105	103
12/29/2023	6	62	108	108
12/29/2023	7	64	108	108
12/29/2023	8	69	110	110
12/29/2023	9	78	133	123
12/29/2023	10	83	138	134
12/29/2023	11	86	137	136
12/29/2023	12	86	136	135
12/29/2023	13	89	135	135
12/29/2023	14	91	136	135
12/29/2023	15	90	136	135
12/29/2023	16	88	135	135
12/29/2023	17	85	135	135
12/29/2023	18	88	135	135
12/29/2023	19	86	136	136
12/29/2023	20	84	133	129
12/29/2023	21	81	128	121
12/29/2023	22	77	124	120
12/29/2023	23	72	117	116
12/29/2023	24	61	90	90
12/30/2023	1	64	77	77
12/30/2023	2	62	77	77
12/30/2023	3	60	77	77
12/30/2023	4	59	77	77
12/30/2023	5	58	77	77
12/30/2023	6	59	77	77
12/30/2023	7	60	77	77
12/30/2023	8	63	77	77
12/30/2023	9	67	90	90
12/30/2023	10	71	100	100
12/30/2023	11	72	100	100
12/30/2023	12	71	100	100
12/30/2023	13	72	100	100
12/30/2023	14	74	100	100
12/30/2023	15	73	100	100
12/30/2023	16	70	100	100
12/30/2023	17	69	100	100
12/30/2023	18	76	100	100
12/30/2023	19	76	100	100
12/30/2023	20	74	100	100
12/30/2023	21	72	100	100
12/30/2023	22	69	91	91
12/30/2023	23	66	84	84
12/30/2023	24	62	75	75
12/31/2023	1	63	88	85
12/31/2023	2	61	89	84
12/31/2023	3	58	80	80
12/31/2023	4	57	80	80
12/31/2023	5	56	70	70
12/31/2023	6	57	70	70
12/31/2023	7	57	70	70
12/31/2023	8	59	80	80
12/31/2023	9	62	96	96
12/31/2023	10	66	109	108
12/31/2023	11	67	100	100
12/31/2023	12	68	100	100

ANNEX I Five Year Historical Hourly Levels of AS requirement for Mindanao

DELIVERY_DATE	DELIVERY_HOUR	Regulating Reserve	Contingency Reserve	Dispatchable Reserve
12/31/2023	13	69	100	100
12/31/2023	14	71	100	100
12/31/2023	15	69	90	90
12/31/2023	16	68	90	90
12/31/2023	17	69	90	90
12/31/2023	18	75	100	100
12/31/2023	19	73	100	100
12/31/2023	20	71	97	97
12/31/2023	21	69	90	90
12/31/2023	22	66	90	90
12/31/2023	23	65	90	90
12/31/2023	24	62	81	81