

WEEKLY GRID OPERATING PROGRAM (GOP) MONITORING

WEEKLY OPERATING PROGRAM

Period Covered: **21-Jul-18** to **27-Jul-18**

No of Units/MegaWatts not Available

Period Covered: **21-Jul-18** to **27-Jul-18**

DATE	JULY						
	21 Sat	22 Sun	23 Mon	24 Tue	25 Wed	26 Thu	27 Fri
LUZON POWER OUTLOOK							
Available Capacity (MW)	11670	10548	11930	11930	11930	11930	11930
Coal	5176	5326	5436	5436	5436	5436	5436
Oil-based							
Oil Thermal	0	0	0	0	0	0	0
Diesel	365	365	365	365	365	365	365
Combined Cycle (CC)/ Gas Turbine(GT)	500	500	500	500	500	500	500
Natural Gas	3283	2371	3283	3283	3283	3283	3283
Renewable Energy							
Geothermal	434	434	434	434	434	434	434
Hydro	1845	1485	1845	1845	1845	1845	1845
Biomass	67	67	67	67	67	67	67
Wind	0	0	0	0	0	0	0
Solar	0	0	0	0	0	0	0
*Available HVDC Import/Export to Visayas	0	0	0	0	0	0	0
System Load (MW)	8317	7744	9376	9377	9423	9430	9334
Gross Reserve/Deficiency (MW)	3353	2804	2554	2553	2507	2500	2596
Limitations	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Required Regulating Reserve	332.68	309.76	375.04	375.08	376.92	377.20	373.36
Required Contingency Reserve	647.00	647.00	647.00	647.00	647.00	647.00	647.00
Required Dispatchable Reserve	647.00	647.00	647.00	647.00	647.00	647.00	647.00

*HVDC import/export will depend on power situation in Luzon and Visayas Grid.

DATE	JULY														
	21 Sat	22 Sun	23 Mon	24 Tue	25 Wed	26 Thu	27 Fri	21 Sat	22 Sun	23 Mon	24 Tue	25 Wed	26 Thu	27 Fri	
LUZON OUTAGE DATA															
No. of Units/ MW not available due to Outages		15	2057	16	2232	14	1907	11	1307	11	1307	10	1172	10	1172
Coal	Planned	1	25	1	25	1	25	1	25	1	25	1	25	1	25
	Unplanned	4	570	3	420	3	420	3	420	3	420	2	285	2	285
Oil-based															
Oil Thermal	Planned	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Unplanned	1	320	1	320	1	320	1	320	1	320	1	320	1	320
Diesel	Planned	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Unplanned	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Combined Cycle (CC)/ Gas Turbine(GT)	Planned	2	140	2	140	2	140	2	140	2	140	2	140	2	140
	Unplanned	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Natural Gas	Planned	0	0	1	275	0	0	0	0	0	0	0	0	0	0
	Unplanned	3	600	4	650	3	600	0	0	0	0	0	0	0	0
Renewable Energy															
Geothermal	Planned	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Unplanned	1	27	1	27	1	27	1	27	1	27	1	27	1	27
Hydro	Planned	2	195	2	195	2	195	2	195	2	195	2	195	2	195
	Unplanned	1	180	1	180	1	180	1	180	1	180	1	180	1	180
Biomass	Planned	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Unplanned	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind	Planned	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Unplanned	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solar	Planned	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Unplanned	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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DATE	JULY						
	21 Sat	22 Sun	23 Mon	24 Tue	25 Wed	26 Thu	27 Fri
VISAYAS POWER OUTLOOK¹							
Available Capacity (MW)	2132	2132	2132	2132	2132	2132	2132
Coal	1043	1043	1043	1043	1043	1043	1043
Oil-based							
Oil Thermal							
Diesel	296	296	296	296	296	296	296
Combined Cycle (CC)/ Gas Turbine(GT)							
Natural Gas							
Renewable Energy							
Geothermal	748	748	748	748	748	748	748
Hydro	13	13	13	13	13	13	13
Biomass	2	2	2	2	2	2	2
Wind	31	31	31	31	31	31	31
Solar	0	0	0	0	0	0	0
System Load (MW)	1749	1630	1843	1852	1877	1860	1836
Gross Reserve/Deficiency (MW)	383	502	289	280	255	272	296
Transmission Line Limitation	99	106	99	77	79	82	83
Net Reserve/Deficiency (MW)	284	396	190	203	176	190	213
Required Regulating Reserve	15.30	20.09	11.56	11.20	10.19	10.89	11.85
Required Contingency Reserve	150.00	150.00	150.00	150.00	150.00	150.00	150.00
Required Dispatchable Reserve	135.00	135.00	135.00	135.00	135.00	135.00	135.00

¹ Power Outlook of Visayas does not consider HVDC export power and Solar capability. (Evening Peak Scenario).

*HVDC import/export will depend on power situation in Luzon and Visayas Grid.

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DATE	JULY						
	21 Sat	22 Sun	23 Mon	24 Tue	25 Wed	26 Thu	27 Fri
VISAYAS OUTAGE DATA							
No. of Units/ MW not available due to Outages	0	0	0	0	0	0	0
Coal							
Planned	0	0	0	0	0	0	0
Unplanned	0	0	0	0	0	0	0
Oil-based							
Oil Thermal							
Planned	0	0	0	0	0	0	0
Unplanned	0	0	0	0	0	0	0
Diesel							
Planned	0	0	0	0	0	0	0
Unplanned	0	0	0	0	0	0	0
Combined Cycle (CC)/ Gas Turbine(GT)							
Planned	0	0	0	0	0	0	0
Unplanned	0	0	0	0	0	0	0
Natural Gas							
Planned	0	0	0	0	0	0	0
Unplanned	0	0	0	0	0	0	0
Renewable Energy							
Geothermal							
Planned	0	0	0	0	0	0	0
Unplanned	0	0	0	0	0	0	0
Hydro							
Planned	0	0	0	0	0	0	0
Unplanned	0	0	0	0	0	0	0
Biomass							
Planned	0	0	0	0	0	0	0
Unplanned	0	0	0	0	0	0	0
Wind							
Planned	0	0	0	0	0	0	0
Unplanned	0	0	0	0	0	0	0
Solar							
Planned	0	0	0	0	0	0	0
Unplanned	0	0	0	0	0	0	0

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DATE	JULY						
	21 Sat	22 Sun	23 Mon	24 Tue	25 Wed	26 Thu	27 Fri
MINDANAO POWER OUTLOOK							
Available Capacity (MW)	2385	2305	2314	2312	2316	2317	2317
Coal	1012	932	932	932	932	932	932
Oil-based							
Oil Thermal							
Diesel*	452	452	452	452	452	452	452
Combined Cycle (CC)/ Gas Turbine(GT)							
Natural Gas							
Renewable Energy							
Geothermal	98	98	98	98	98	98	98
Hydro*	810	810	795	795	795	795	795
Biomass	14	14	14	14	14	14	14
Wind	0	0	0	0	0	0	0
Solar*	0	0	24	23	26	27	28
System Load (MW)	1582	1504	1697	1712	1745	1765	1715
Gross Reserve/Deficiency (MW)	803	801	617	600	571	552	602
Transmission Line Limitation	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Required Regulating Reserve	63.28	60.16	67.88	68.48	69.80	70.60	68.61
Required Contingency Reserve	132.00	132.00	132.00	132.00	132.00	132.00	132.00
Required Dispatchable Reserve	132.00	132.00	132.00	132.00	132.00	132.00	132.00

* Grid & Embedded

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	21 Sat	22 Sun	23 Mon	24 Tue	25 Wed	26 Thu	27 Fri	21 Sat	22 Sun	23 Mon	24 Tue	25 Wed	26 Thu	27 Fri
MINDANAO OUTAGE DATA														
No. of Units/MW not available due to Outages	5	367	5	347	5	347	5	347	5	347	5	347	5	347
Coal	2	230	2	210	2	210	2	210	2	210	2	210	2	210
Planned														
Unplanned	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil-based														
Oil Thermal														
Planned														
Unplanned														
Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Planned														
Unplanned	1	60	1	60	1	60	1	60	1	60	1	60	1	60
Combined Cycle (CC)/ Gas Turbine(GT)														
Planned														
Unplanned														
Natural Gas														
Planned														
Unplanned														
Renewable Energy														
Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Planned														
Unplanned	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro	1	50	1	50	1	50	1	50	1	50	1	50	1	50
Planned														
Unplanned	1	27	1	27	1	27	1	27	1	27	1	27	1	27
Biomass	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Planned														
Unplanned	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind														
Planned														
Unplanned														
Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Planned														
Unplanned	0	0	0	0	0	0	0	0	0	0	0	0	0	0