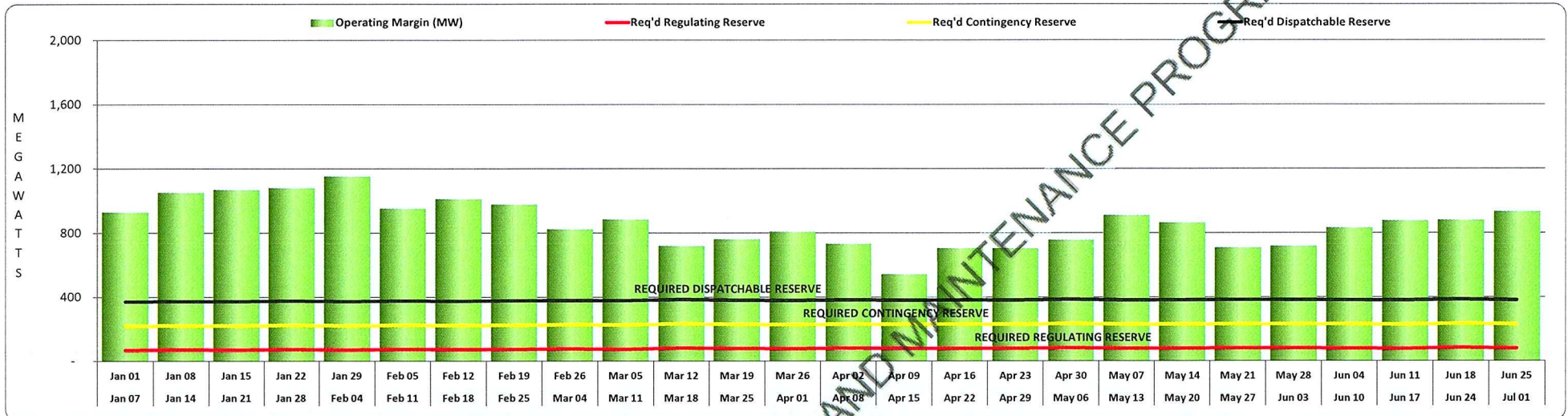




MINDANAO GRID 2021 Weekly Demand, Supply and Operating Margin Profile (as of December 31, 2021)



2021	JANUARY TO JUNE 2021																											
	Jan 01	Jan 08	Jan 15	Jan 22	Jan 29	Feb 05	Feb 12	Feb 19	Feb 26	Mar 05	Mar 12	Mar 19	Mar 26	Apr 02	Apr 09	Apr 16	Apr 23	Apr 30	May 07	May 14	May 21	May 28	Jun 04	Jun 11	Jun 18	Jun 25		
	Jan 07	Jan 14	Jan 21	Jan 28	Feb 04	Feb 11	Feb 18	Feb 25	Mar 04	Mar 11	Mar 18	Mar 25	Apr 01	Apr 08	Apr 15	Apr 22	Apr 29	May 06	May 13	May 20	May 27	Jun 03	Jun 10	Jun 17	Jun 24	Jul 01		
Available Capacity (MW)	2,697	2,872	2,875	2,980	2,966	2,850	2,865	2,892	2,793	2,903	2,825	2,767	2,790	2,783	2,545	2,736	2,715	2,864	2,919	2,891	2,766	2,770	2,862	2,861	3,002	2,949		
Coal	1,377	1,259	1,259	1,394	1,394	1,269	1,544	1,270	1,267	1,267	1,269	1,269	1,269	1,267	998	1,133	1,133	1,268	1,264	1,217	1,126	1,133	1,232	1,232	1,363	1,354		
Geothermal	80	81	81	80	80	75	75	40	76	76	68	68	65	68	82	77	72	81	81	81	81	80	75	76	80	76		
Hydro	516	566	567	542	530	538	519	612	382	529	559	563	529	491	494	556	538	540	597	618	578	578	566	570	577	586		
Diesel	367	382	382	382	382	382	355	382	334	334	382	334	382	382	382	382	382	382	382	382	382	382	382	382	382	382		
Renewable	151	35	35	35	35	35	157	35	35	35	35	35	35	35	35	35	35	35	35	36	35	35	35	35	35	35		
Embedded	207	550	551	547	545	552	216	553	550	563	512	497	509	554	554	553	555	557	560	558	564	562	572	566	565	516		
System Load (MW)	1,767	1,821	1,806	1,898	1,813	1,897	1,854	1,914	1,969	1,918	2,107	2,006	1,981	2,049	2,002	2,032	2,012	2,106	2,008	2,027	2,059	2,054	2,029	1,983	2,121	2,015		
Operating Margin (MW)	930	1,051	1,069	1,082	1,153	953	1,011	978	824	885	718	761	809	734	543	704	703	758	911	864	707	716	833	878	881	934		
Req'd Regulating Reserve	71	73	72	76	73	76	74	77	79	77	84	80	79	82	80	81	80	84	80	81	82	82	81	79	85	81		
Req'd Contingency Reserve	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150		
Req'd Dispatchable Reserve	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150		

- System Peak Demand at 2,144 MW which occurred on August 4, 2021
- Preventive Maintenance of Power Plants considered.
- Embedded Generators considered.
- Actual Data as of December 31, 2021

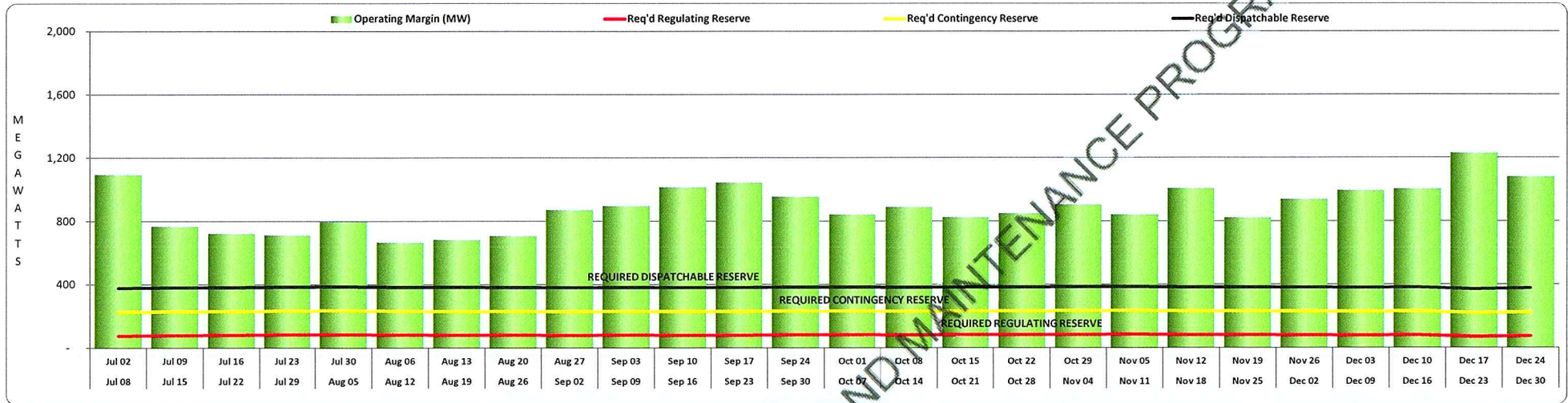
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MINDANAO GRID 2021 Weekly Demand, Supply and Operating Margin Profile (as of December 31, 2021)



2021	JULY TO DECEMBER 2021																											
	Jul 02	Jul 09	Jul 16	Jul 23	Jul 30	Aug 06	Aug 13	Aug 20	Aug 27	Sep 03	Sep 10	Sep 17	Sep 24	Oct 01	Oct 08	Oct 15	Oct 22	Oct 29	Nov 05	Nov 12	Nov 19	Nov 26	Dec 03	Dec 10	Dec 17	Dec 24		
	Jul 08	Jul 15	Jul 22	Jul 29	Aug 05	Aug 12	Aug 19	Aug 26	Sep 02	Sep 09	Sep 16	Sep 23	Sep 30	Oct 07	Oct 14	Oct 21	Oct 28	Nov 04	Nov 11	Nov 18	Nov 25	Dec 02	Dec 09	Dec 16	Dec 23	Dec 30		
Available Capacity (MW)	3,008	2,768	2,752	2,822	2,940	2,731	2,740	2,736	2,884	2,928	3,011	3,042	3,028	2,909	2,924	2,900	2,939	3,004	2,970	3,041	2,873	2,948	2,968	3,013	2,968	2,948		
Coal	1,297	1,153	1,153	1,267	1,268	1,132	1,127	1,127	1,232	1,232	1,367	1,367	1,353	1,220	1,211	1,219	1,354	1,354	1,254	1,293	1,159	1,261	1,259	1,266	1,259	1,261		
Geothermal	76	76	76	76	76	76	76	76	76	76	76	75	74	74	77	77	74	77	77	77	78	78	78	78	78	78	78	
Hydro	669	687	667	608	622	578	567	569	609	651	606	625	631	691	717	682	591	601	669	701	676	643	667	706	667	643		
Diesel	382	362	362	382	378	378	382	382	382	382	382	382	382	382	382	382	382	382	382	382	378	382	378	378	378	378	382	
Renewable	35	35	35	35	35	35	35	35	35	35	26	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35		
Embedded	548	456	459	455	562	533	553	547	550	553	554	559	554	507	502	504	503	555	554	553	548	550	552	551	552	550		
System Load (MW)	1,913	1,999	2,028	2,107	2,144	2,064	2,058	2,027	2,010	2,031	1,995	1,997	2,073	2,065	2,032	2,072	2,088	2,098	2,128	2,034	2,051	2,010	1,974	2,009	1,738	1,867		
Operating Margin (MW)	1,095	769	724	715	796	667	684	709	874	897	1,016	1,045	955	844	892	828	851	906	842	1,007	822	938	994	1,004	1,230	1,081		
Req'd Regulating Reserve	77	80	81	84	86	83	82	81	80	81	80	80	83	83	81	83	81	84	85	81	82	80	79	80	70	75		
Req'd Contingency Reserve	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150		
Req'd Dispatchable Reserve	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150		

1. System Peak Demand at 2,144 MW which occurred on August 4, 2021.
2. Preventive Maintenance of Power Plants considered.
3. Embedded Generators considered.
4. Actual Data as of December 31, 2021

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John M. ...

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