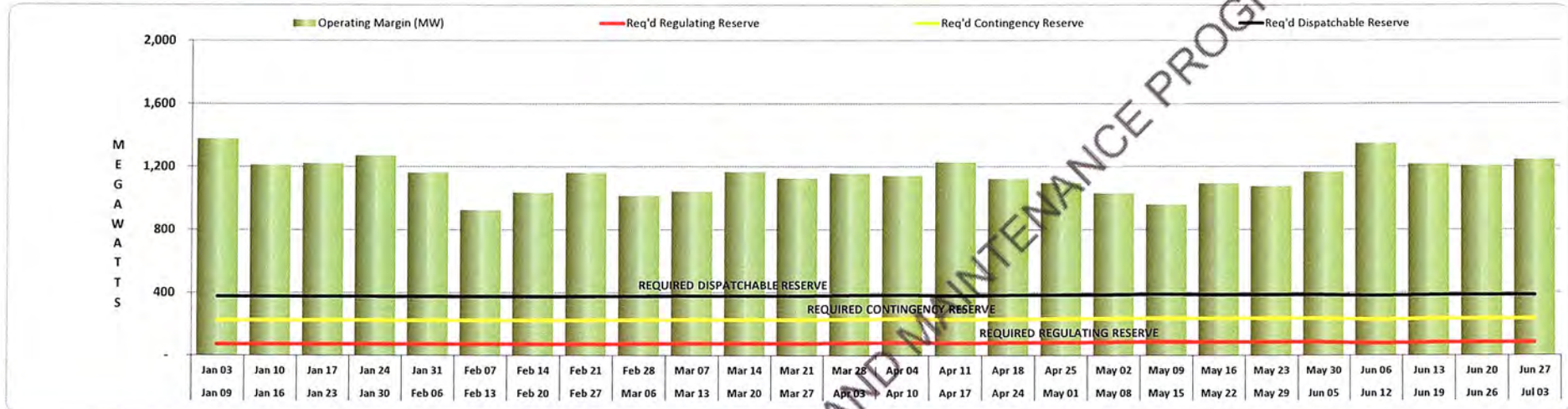




MINDANAO GRID 2022 Weekly Demand, Supply and Reserve Profile



2022	JANUARY TO JUNE 2022																											
	Jan 03	Jan 10	Jan 17	Jan 24	Jan 31	Feb 07	Feb 14	Feb 21	Feb 28	Mar 07	Mar 14	Mar 21	Mar 28	Apr 04	Apr 11	Apr 18	Apr 25	May 02	May 09	May 16	May 23	May 30	Jun 06	Jun 13	Jun 20	Jun 27		
	Jan 09	Jan 16	Jan 23	Jan 30	Feb 06	Feb 13	Feb 20	Feb 27	Mar 06	Mar 13	Mar 20	Mar 27	Apr 03	Apr 10	Apr 17	Apr 24	May 01	May 08	May 15	May 22	May 29	Jun 05	Jun 12	Jun 19	Jun 26	Jul 03		
Available Capacity (MW)	3,274	3,102	3,152	3,152	3,047	2,776	2,944	3,049	2,928	3,003	3,141	3,081	3,201	3,232	3,211	3,196	3,187	3,167	3,182	3,232	3,232	3,306	3,340	3,315	3,315	3,340		
Coal	2,043	1,858	1,908	1,908	1,908	1,646	1,784	1,919	1,819	1,905	2,043	1,943	2,043	2,043	2,043	2,043	2,043	2,043	2,043	2,043	2,043	2,043	2,043	2,043	2,043	2,043		
Geothermal	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76		
Hydro	430	430	430	430	335	335	355	325	304	304	294	324	344	307	286	271	262	242	257	307	307	381	415	390	390	415		
Diesel	367	367	367	367	357	347	357	357	357	347	357	367	367	367	367	367	367	367	367	367	367	367	367	367	367	367		
Renewable	143	156	156	156	156	156	156	156	156	156	156	156	156	224	224	224	224	224	224	224	224	224	224	224	224	224		
Embedded	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216	216		
System Load (MW)	1,898	1,892	1,932	1,883	1,886	1,852	1,909	1,888	1,913	1,960	1,975	1,955	2,043	2,088	1,982	2,073	2,090	2,137	2,223	2,138	2,158	2,141	1,993	2,099	2,111	2,098		
Operating Margin (MW)	1,376	1,211	1,221	1,270	1,162	924	1,035	1,161	1,015	1,044	1,167	1,126	1,159	1,145	1,229	1,123	1,097	1,030	959	1,094	1,075	1,166	1,347	1,216	1,205	1,243		
Req'd Regulating Reserve	76	76	77	75	75	74	76	76	77	78	79	78	82	84	79	83	84	85	89	86	86	86	80	84	84	84		
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. Peak Demand Forecast at 2,223MW to occur in May 2022 based from the DOE Peak Demand Forecast 2020-2040
2. Preventive Maintenance of Power Plants considered.
3. Embedded Generators considered.

DOE - APPROVED GRID OPERATING AND MAINTENANCE PROGRAM



MINDANAO GRID 2022 Weekly Demand, Supply and Operating Margin Profile



2022	JULY TO DECEMBER 2022																									
	Jul 04	Jul 11	Jul 18	Jul 25	Aug 01	Aug 08	Aug 15	Aug 22	Aug 29	Sep 05	Sep 12	Sep 19	Sep 26	Oct 03	Oct 10	Oct 17	Oct 24	Oct 31	Nov 07	Nov 14	Nov 21	Nov 28	Dec 05	Dec 12	Dec 19	Dec 26
	Jul 10	Jul 17	Jul 24	Jul 31	Aug 07	Aug 14	Aug 21	Aug 28	Sep 04	Sep 11	Sep 18	Sep 25	Oct 02	Oct 09	Oct 16	Oct 23	Oct 30	Nov 06	Nov 13	Nov 20	Nov 27	Dec 04	Dec 11	Dec 18	Dec 25	Jan 01
Available Capacity (MW)	3,317	3,157	3,095	2,990	3,075	3,145	3,240	3,340	3,253	3,128	3,163	3,261	3,052	2,841	3,018	3,167	3,167	3,073	2,985	3,108	3,303	3,294	3,284	3,269	3,319	3,319
Coal	1,943	1,808	1,708	1,603	1,738	1,838	1,943	2,043	1,919	1,869	1,993	1,764	1,626	1,764	1,938	1,938	1,938	1,800	1,893	2,043	2,043	2,043	1,993	2,043	2,043	
Geothermal	76	48	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76
Hydro	509	509	509	509	459	429	419	419	462	387	422	392	412	407	446	421	421	321	371	401	446	437	437	462	462	462
Diesel	363	353	363	363	363	363	363	363	363	363	363	367	367	367	367	367	367	367	367	367	367	367	357	367	367	367
Renewable	211	224	224	224	224	224	224	224	224	224	224	224	224	156	156	156	156	156	156	156	156	156	156	156	156	156
Embedded	216	216	216	216	216	216	216	216	210	210	210	210	210	210	210	210	210	216	216	216	216	216	216	216	216	216
System Load (MW)	1,987	2,073	2,005	2,006	2,053	2,036	2,142	2,031	2,064	2,052	2,103	2,177	2,147	2,151	2,158	2,176	2,185	2,078	2,158	2,134	2,184	2,131	2,141	2,134	2,098	2,078
Operating Margin (MW)	1,330	1,084	1,091	984	1,022	1,109	1,098	1,310	1,190	1,076	1,060	1,083	905	691	860	991	982	995	827	974	1,119	1,163	1,143	1,135	1,222	1,241
Req'd Regulating Reserve	79	83	80	80	82	81	86	81	83	82	84	87	86	86	86	87	87	83	86	85	87	85	86	85	84	83
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. Peak Demand Forecast at 2,223MW to occur in May 2022 based from the DOE Peak Demand Forecast 2020-2040
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