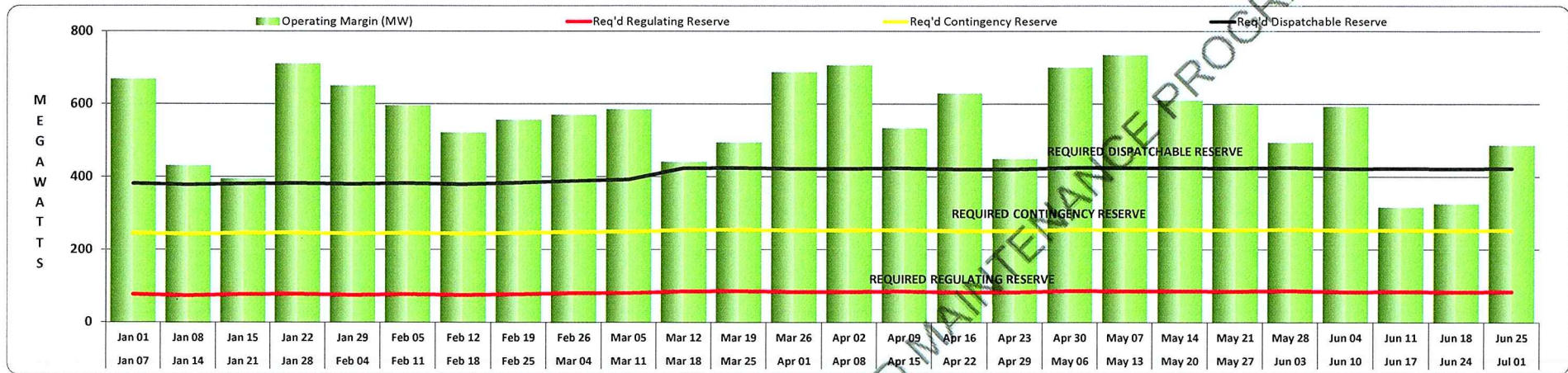




## VISAYAS GRID

### 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)	2,596	2,282	2,314	2,656	2,519	2,518	2,402	2,489	2,566	2,589	2,565	2,639	2,789	2,805	2,658	2,684	2,520	2,860	2,876	2,758	2,726	2,658	2,695	2,433	2,419	2,608	
Thermal	1,089	1,090	1,103	1,152	1,072	1,071	1,068	1,236	1,074	1,072	1,198	1,296	1,256	1,271	1,261	1,152	1,091	1,260	1,342	1,244	1,214	1,220	1,272	1,036	947	1,205	
Geothermal	732	673	638	720	678	699	719	583	701	708	666	661	653	669	675	670	655	683	673	663	715	681	681	681	678	654	
Diesel	411	402	382	402	398	420	248	292	369	340	388	306	405	387	278	389	380	431	393	388	378	372	373	349	419	392	
Power Barges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hydro	10	13	14	10	12	14	14	13	9	8	13	10	7	7	7	7	9	7	7	11	8	16	12	13	10		
Biomass	60	70	60	70	85	71	57	75	73	69	84	83	84	73	88	80	83	67	64	63	71	47	37	33	33	5	
Solar	223	-	100	244	205	227	219	261	284	321	284	245	347	339	321	354	289	335	340	330	331	310	294	315	317	335	
Wind	71	34	17	58	69	16	77	29	56	71	22	38	36	59	28	32	16	76	57	63	6	20	21	8	13	7	
Battery	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
System Load (MW)	1,927	1,851	1,919	1,945	1,868	1,922	1,880	1,932	1,995	2,003	2,124	2,145	2,101	2,098	2,124	2,054	2,070	2,159	2,140	2,146	2,126	2,164	2,101	2,117	2,093	2,120	
Operating Margin (MW)	669	431	395	711	651	596	522	557	571	586	441	494	688	707	535	630	450	701	736	612	599	494	593	317	326	488	
Req'd Regulating Reserve	77	74	77	78	75	77	75	77	80	80	85	86	84	84	85	82	83	86	86	86	85	87	84	85	84	85	
Req'd Contingency Reserve	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	
Req'd Dispatchable Reserve	135	135	135	135	136	136	135	137	139	143	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	

1. System Peak Demand at 2,252 MW which occurred on December 13, 2021
2. Preventive Maintenance of Power Plants considered.
3. Embedded Generators considered.
4. Actual Data as of December 31, 2021

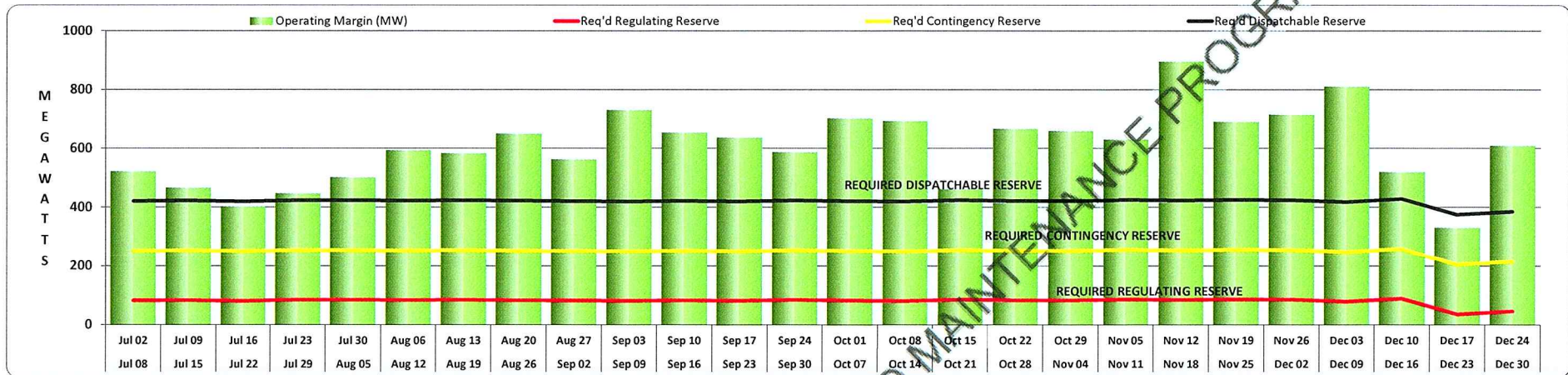
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*Handwritten signatures and initials in blue ink.*



## VISAYAS 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)	2,580	2,564	2,437	2,577	2,627	2,701	2,713	2,742	2,621	2,773	2,734	2,680	2,716	2,768	2,726	2,605	2,754	2,751	2,795	3,020	2,864	2,859	2,799	2,772	1,250	1,774
Thermal	1,218	1,218	1,136	1,190	1,218	1,337	1,347	1,364	1,319	1,333	1,337	1,235	1,235	1,353	1,323	1,144	1,323	1,318	1,353	1,386	1,353	1,354	1,323	1,323	452	636
Geothermal	645	634	624	654	641	645	670	670	695	707	687	690	683	660	638	651	655	635	660	725	659	654	614	648	558	681
Diesel	354	369	335	340	382	375	355	357	238	382	357	387	356	361	333	372	339	339	362	408	378	393	441	382	145	148
Power Barges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hydro	13	11	9	9	9	9	10	13	14	13	14	13	14	12	9	9	12	11	12	9	9	10	9	10	4	3
Biomass	5	5	5	5	2	2	-	5	-	-	5	41	57	53	49	68	69	66	69	68	71	71	71	64	17	17
Solar	318	303	251	331	326	320	323	320	347	326	331	306	347	303	308	329	318	329	297	360	328	321	298	269	62	252
Wind	27	25	76	49	48	12	9	13	8	12	4	7	24	25	66	33	39	54	42	64	61	55	43	76	12	38
Battery	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-
System Load (MW)	2,058	2,097	2,034	2,130	2,125	2,107	2,130	2,092	2,058	2,042	2,079	2,043	2,129	2,065	2,032	2,143	2,086	2,091	2,164	2,123	2,173	2,144	1,988	2,252	920	1,164
Operating Margin (MW)	522	467	403	447	502	594	583	651	563	731	655	637	587	703	694	462	668	660	631	896	691	715	811	520	330	610
Req'd Regulating Reserve	82	84	81	85	85	84	85	84	82	82	83	82	85	83	81	86	83	84	87	85	87	86	80	90	37	47
Req'd Contingency Reserve	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169
Req'd Dispatchable Reserve	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169

1. System Peak Demand at 2,252 MW which occurred on December 13, 2021
2. Preventive Maintenance of Power Plants considered.
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