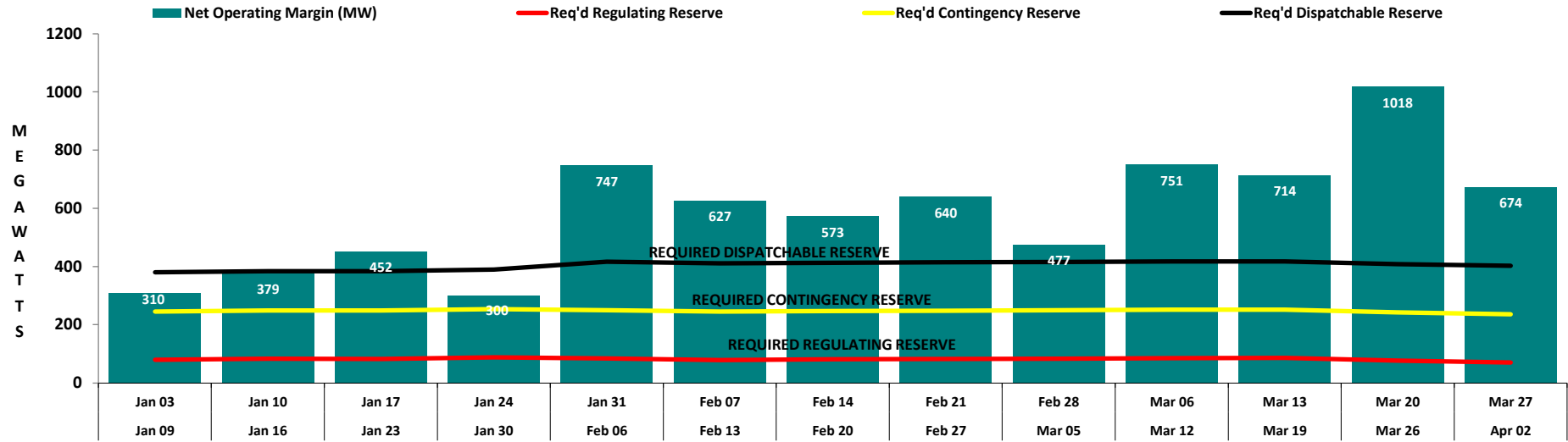


VISAYAS GRID

2020 1st Quarter Reserve Profile (Actual Data as of Sept 30, 2020)

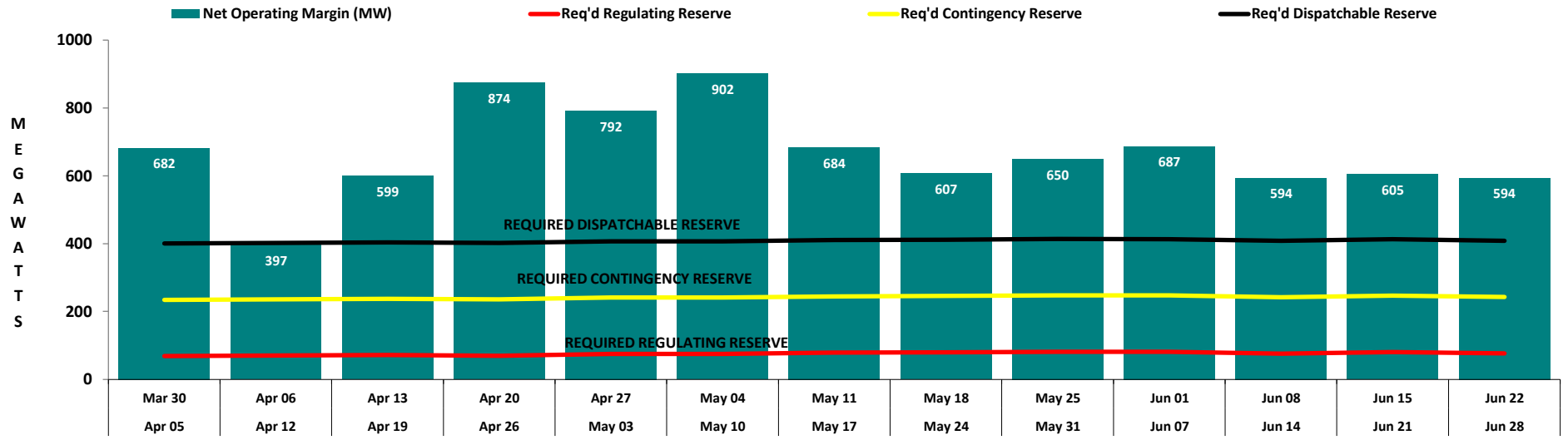


2020	1ST QUARTER													
	Jan 03	Jan 10	Jan 17	Jan 24	Jan 31	Feb 07	Feb 14	Feb 21	Feb 28	Mar 06	Mar 13	Mar 20	Mar 27	
	Jan 09	Jan 16	Jan 23	Jan 30	Feb 06	Feb 13	Feb 20	Feb 27	Mar 05	Mar 12	Mar 19	Mar 26	Apr 02	
Available Capacity (MW)	2,295	2,445	2,511	2,501	2,847	2,597	2,597	2,694	2,560	2,878	2,854	2,925	2,432	
Thermal	1,022	1,004	1,004	1,002	1,242	1,069	990	1,158	1,154	1,324	1,317	1,324	1,074	
Geothermal	756	756	759	749	750	753	745	759	761	765	765	761	766	
Diesel	398	324	345	403	411	418	422	393	226	401	361	364	418	
Power Barges	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hydro	12	13	10	9	9	10	7	13	10	9	8	8	8	
Biomass	68	71	73	78	84	64	81	87	64	82	67	92	95	
Solar	-	227	280	251	288	-	276	214	262	262	285	323	-	
Wind	39	50	40	9	63	283	76	70	83	35	51	53	71	
System Load (MW)	1,985	2,066	2,059	2,201	2,100	1,970	2,024	2,054	2,083	2,127	2,140	1,907	1,758	
Operating Margin (MW)	310	379	452	300	747	627	573	640	477	751	714	1018	674	
Stranded Capacity (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Net Operating Margin (MW)	310	379	452	300	747	627	573	640	477	751	714	1018	674	
Req'd Regulating Reserve	79	83	82	88	84	79	81	82	83	85	86	76	70	
Req'd Contingency Reserve	166	166	166	166	166	166	166	166	166	166	166	166	166	
Req'd Dispatchable Reserve	135	135	135	135	166	166	166	166	166	166	166	166	166	

1. Visayas running system peak demand for 2020 is 2,201MW which occurred on January 29, 2020 at 1355h.
2. Preventive Maintenance of Power Plants considered.
3. Embedded Generators considered.

VISAYAS GRID

2020 2nd Quarter Reserve Profile (Actual Data as of Sept 30, 2020)

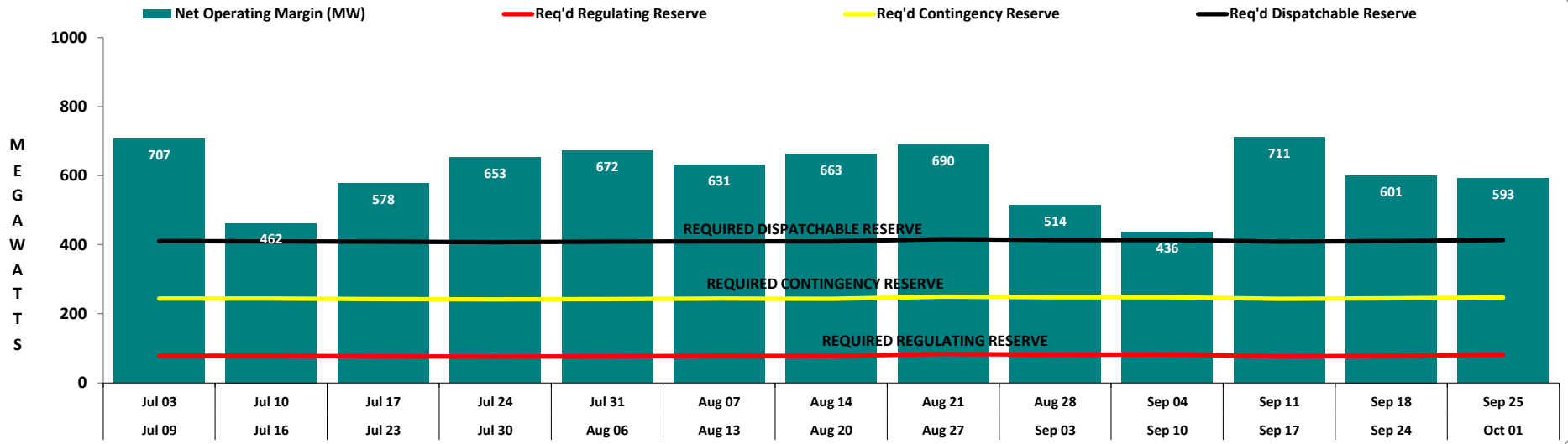


2020	2ND QUARTER													
	Apr 03	Apr 10	Apr 17	Apr 24	May 01	May 08	May 15	May 22	May 29	Jun 05	Jun 12	Jun 19	Jun 26	
	Apr 09	Apr 16	Apr 23	Apr 30	May 07	May 14	May 21	May 28	Jun 04	Jun 11	Jun 18	Jun 25	Jul 02	
Available Capacity (MW)	2,395	2,144	2,388	2,615	2,668	2,774	2,650	2,598	2,694	2,718	2,492	2,620	2,507	
Thermal	1,072	955	1,196	1,299	1,318	1,235	1,216	1,223	1,241	1,241	1,072	1,241	1,290	
Geothermal	760	757	757	753	733	747	755	735	749	756	744	752	726	
Diesel	411	316	298	401	292	409	387	349	398	394	374	363	334	
Power Barges	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hydro	8	9	7	7	7	7	6	6	8	6	7	7	9	
Biomass	68	80	71	87	75	61	33	20	29	46	25	25	-	
Solar	-	-	-	-	234	281	204	252	240	227	229	215	104	
Wind	76	27	59	68	9	34	49	13	29	48	41	17	44	
System Load (MW)	1,713	1,747	1,789	1,741	1,876	1,872	1,966	1,991	2,044	2,031	1,898	2,015	1,913	
Operating Margin (MW)	682	397	599	874	792	902	684	607	650	687	594	605	594	
Stranded Capacity (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Net Operating Margin (MW)	682	397	599	874	792	902	684	607	650	687	594	605	594	
Req'd Regulating Reserve	69	70	72	70	75	75	79	80	82	81	76	81	77	
Req'd Contingency Reserve	166	166	166	166	166	166	166	166	166	166	166	166	166	
Req'd Dispatchable Reserve	166	166	166	166	166	166	166	166	166	166	166	166	166	

1. Visayas running system peak demand for 2020 is 2,011MW which occurred on January 29, 2020 at 1355h.
2. Preventive Maintenance of Power Plants considered.
3. Embedded Generators considered.

VISAYAS GRID

2020 3rd Quarter Reserve Profile (Actual Data as of Sept 30, 2020)

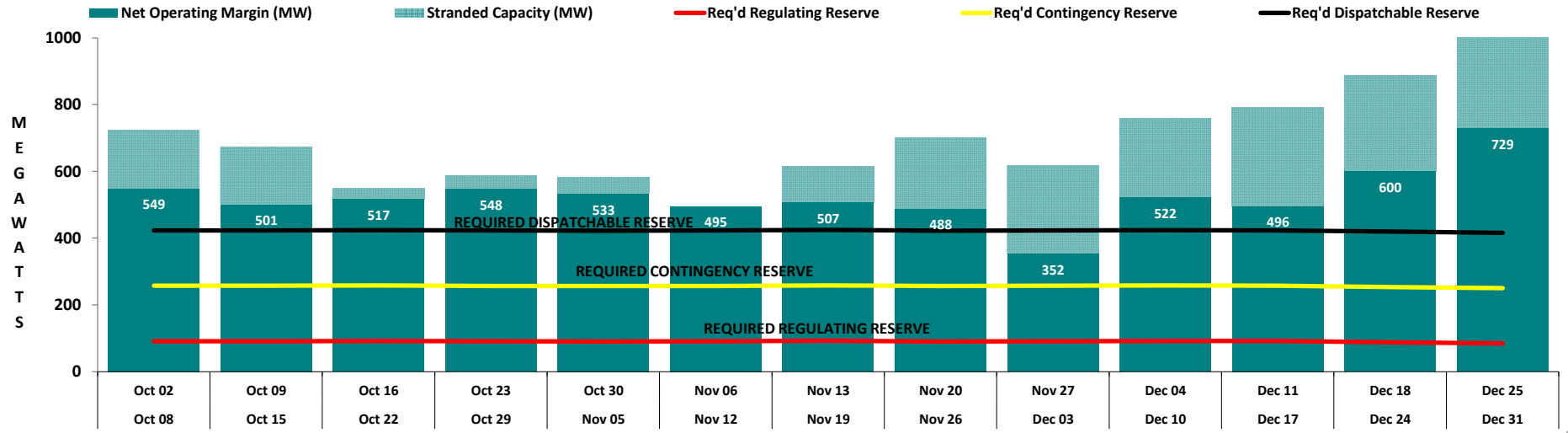


2020	3RD QUARTER													
	Jul 03	Jul 10	Jul 17	Jul 24	Jul 31	Aug 07	Aug 14	Aug 21	Aug 28	Sep 04	Sep 11	Sep 18	Sep 25	
	Jul 09	Jul 16	Jul 23	Jul 30	Aug 06	Aug 13	Aug 20	Aug 27	Sep 03	Sep 10	Sep 17	Sep 24	Oct 01	
Available Capacity (MW)	2,663	2,410	2,494	2,550	2,583	2,577	2,597	2,788	2,551	2,480	2,633	2,562	2,625	
Thermal	1,317	1,048	1,126	1,267	1,297	1,218	1,220	1,300	1,138	1,056	1,220	1,321	1,323	
Geothermal	746	730	717	745	707	739	739	746	729	776	758	636	567	
Diesel	293	348	378	303	282	332	381	408	387	412	389	336	397	
Power Barges	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hydro	8	12	8	12	-	14	12	12	9	11	11	14	14	
Biomass	-	-	-	-	-	-	-	-	-	-	10	13	45	
Solar	280	252	249	211	286	243	199	295	271	216	236	227	261	
Wind	19	20	16	12	11	31	46	27	17	9	9	15	18	
System Load (MW)	1,956	1,948	1,916	1,897	1,911	1,946	1,934	2,098	2,037	2,044	1,922	1,961	2,032	
Operating Margin (MW)	707	462	578	653	672	631	663	690	514	436	711	601	593	
Stranded Capacity (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Net Operating Margin (MW)	707	462	578	653	672	631	663	690	514	436	711	601	593	
Req'd Regulating Reserve	78	78	77	76	76	78	77	84	81	82	77	78	81	
Req'd Contingency Reserve	166	166	166	166	166	166	166	166	166	166	166	166	166	
Req'd Dispatchable Reserve	166	166	166	166	166	166	166	166	166	166	166	166	166	

1. Visayas running system peak demand for 2020 is 2,011MW which occurred on January 29, 2020 at 1355h.
2. Preventive Maintenance of Power Plants considered.
3. Embedded Generators considered.

VISAYAS GRID

2020 4th Quarter Reserve Profile (Actual Data as of Sept 30, 2020)



2020	4TH QUARTER													
	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	
	Oct 08	Oct 15	Oct 22	Oct 29	Nov 05	Nov 12	Nov 19	Nov 26	Dec 03	Dec 10	Dec 17	Dec 24	Dec 31	
Available Capacity (MW)	2,997	2,952	2,858	2,858	2,843	2,766	2,922	2,955	2,892	3,059	3,077	3,077	3,129	
Thermal	1,375	1,375	1,240	1,240	1,240	1,158	1,293	1,375	1,375	1,375	1,375	1,375	1,375	
Geothermal	752	707	742	742	727	727	742	697	517	697	697	697	742	
Diesel	450	450	456	456	456	447	453	456	450	438	456	456	456	
Power Barges	52	52	52	52	52	52	52	45	70	69	69	69	76	
Hydro	16	16	16	16	16	16	16	16	16	16	16	16	16	
Biomass	59	59	59	59	59	60	60	60	185	185	185	185	185	
Solar	279	279	279	279	279	265	265	265	238	238	238	238	238	
Wind	14	14	14	14	14	41	41	41	41	41	41	41	41	
System Load (MW)	2,274	2,278	2,309	2,270	2,261	2,271	2,306	2,253	2,275	2,300	2,283	2,189	2,110	
Operating Margin (MW)	723	674	549	588	582	495	616	702	617	759	794	888	1019	
Stranded Capacity (MW)	174	173	32	40	49	0	109	214	265	237	298	288	290	
Net Operating Margin (MW)	549	501	517	548	533	495	507	488	352	522	496	600	729	
Req'd Regulating Reserve	91	91	92	91	90	91	92	90	91	92	91	88	84	
Req'd Contingency Reserve	166	166	166	166	166	166	166	166	166	166	166	166	166	
Req'd Dispatchable Reserve	166	166	166	166	166	166	166	166	166	166	166	166	166	

1. Visayas running system peak demand for 2020 is 2,201MW which occurred on January 29, 2020 at 1355h.
2. Preventive Maintenance of Power Plants considered.
3. Embedded Generators considered.