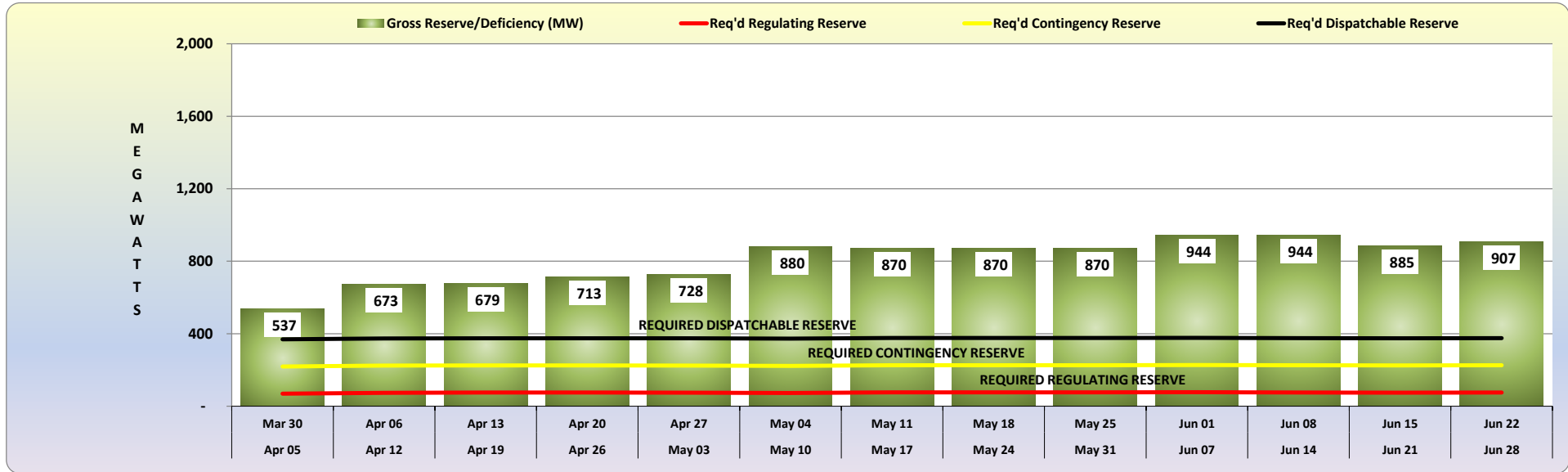


2018	1ST QUARTER												
	Dec 29	Jan 05	Jan 12	Jan 19	Jan 26	Feb 02	Feb 09	Feb 16	Feb 23	Mar 02	Mar 09	Mar 16	Mar 23
	Jan 04	Jan 11	Jan 18	Jan 25	Feb 01	Feb 08	Feb 15	Feb 22	Mar 01	Mar 08	Mar 15	Mar 22	Mar 29
Available Capacity (MW)	2,373	2,340	2,272	2,292	2,296	2,397	2,268	2,328	2,038	2,123	2,099	2,039	2,116
Coal	1,082	1,087	1,087	957	957	1,087	886	957	856	979	979	916	1,022
Geothermal	101	101	101	101	101	101	101	101	101	101	101	101	101
Hydro	607	606	544	648	675	657	713	707	513	484	450	463	452
Diesel	451	413	413	461	437	433	437	437	443	443	443	443	466
Renewable	88	90	80	80	81	74	86	82	80	70	80	70	29
Embedded	43	43	46	45	45	45	45	45	45	46	46	46	46
System Load (MW)	1,615	1,657	1,618	1,630	1,634	1,629	1,641	1,704	1,692	1,708	1,715	1,729	1,651
Gross Reserve/Deficiency (MW)	758	683	654	662	662	768	627	624	346	415	384	310	465
Req'd Regulating Reserve	65	66	65	65	65	65	66	68	68	68	69	69	66
Req'd Contingency Reserve	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

1. Peak Demand Forecast at 2,064 MW to occur in November 2018 based from the approved DOE Forecast for the Power Development Plan 2016 – 2040.
2. Preventive Maintenance of Power Plants considered.
3. Embedded Generators considered.

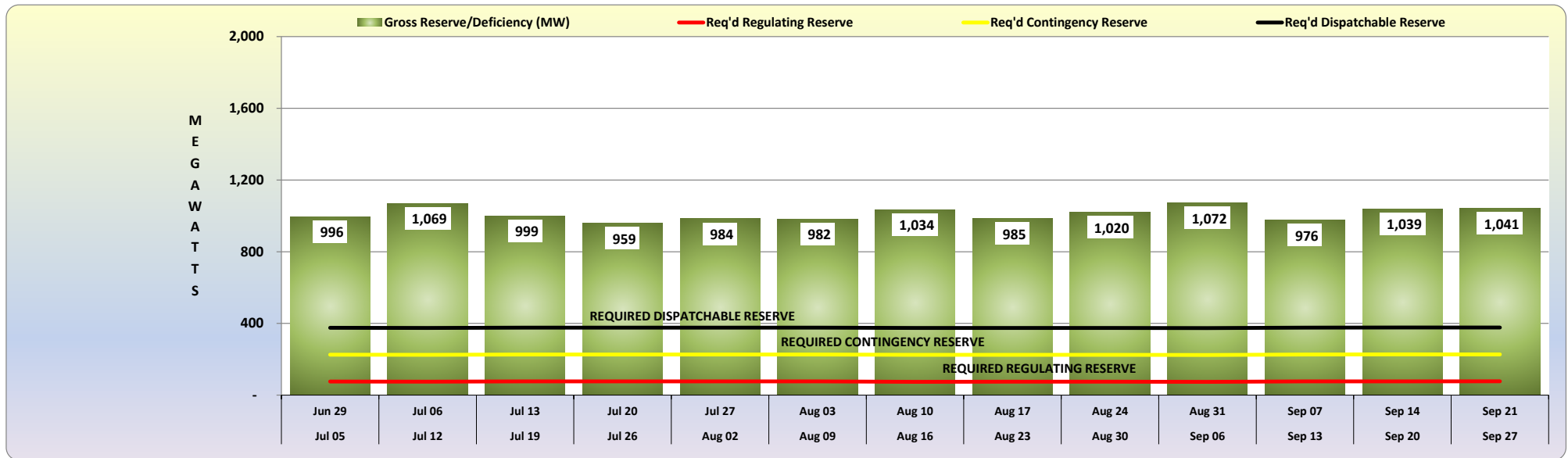


2018	2ND QUARTER												
	Mar 30	Apr 06	Apr 13	Apr 20	Apr 27	May 04	May 11	May 18	May 25	Jun 01	Jun 08	Jun 15	Jun 22
	Apr 05	Apr 12	Apr 19	Apr 26	May 03	May 10	May 17	May 24	May 31	Jun 07	Jun 14	Jun 21	Jun 28
Available Capacity (MW)	2,266	2,526	2,558	2,592	2,588	2,702	2,781	2,781	2,781	2,876	2,836	2,761	2,801
Coal	1,160	1,188	1,188	1,208	1,208	1,258	1,363	1,363	1,363	1,313	1,313	1,208	1,208
Geothermal	101	101	101	101	101	101	101	101	101	101	101	101	101
Hydro	464	337	364	373	370	428	397	397	397	493	453	483	523
Diesel	466	454	459	464	464	464	469	469	469	469	469	469	469
Renewable	29	221	221	221	221	221	221	221	221	270	270	270	270
Embedded	46	225	225	225	225	231	231	231	231	231	231	231	231
System Load (MW)	1,729	1,853	1,879	1,879	1,860	1,822	1,911	1,911	1,911	1,933	1,893	1,876	1,895
Gross Reserve/Deficiency (MW)	537	673	679	713	728	880	870	870	870	944	944	885	907
Req'd Regulating Reserve	69	74	75	75	74	73	76	76	76	77	76	75	76
Req'd Contingency Reserve	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

1. Peak Demand Forecast at 2,064 MW to occur in November 2018 based from the approved DOE Forecast for the Power Development Plan 2016 – 2040.
2. Preventive Maintenance of Power Plants considered.
3. Embedded Generators considered.

MINDANAO GRID 2018 3rd Quarter Reserve Profile

REVISION 1

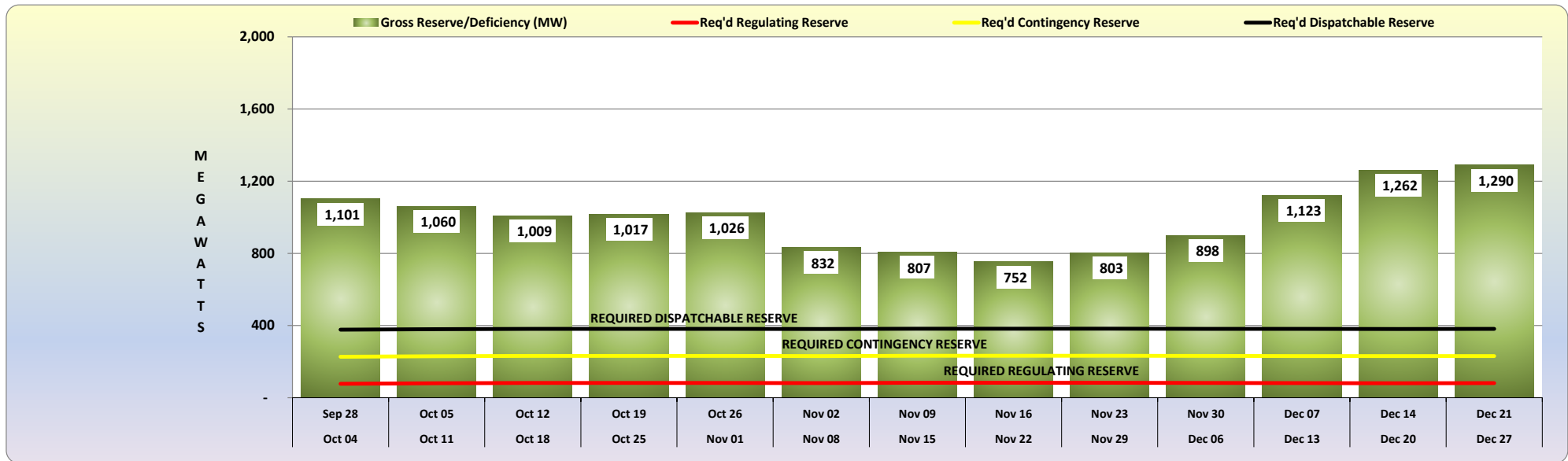


2018	3RD QUARTER													
	Jun 29	Jul 06	Jul 13	Jul 20	Jul 27	Aug 03	Aug 10	Aug 17	Aug 24	Aug 31	Sep 07	Sep 14	Sep 21	
	Jul 05	Jul 12	Jul 19	Jul 26	Aug 02	Aug 09	Aug 16	Aug 23	Aug 30	Sep 06	Sep 13	Sep 20	Sep 27	
Available Capacity (MW)	2,891	2,946	2,916	2,876	2,896	2,896	2,896	2,863	2,896	2,921	2,894	2,964	2,969	
Coal	1,208	1,208	1,208	1,103	1,103	1,103	1,103	1,103	1,103	1,258	1,258	1,363	1,363	
Geothermal	101	101	101	101	101	101	101	101	101	50	50	50	50	
Hydro	552	617	577	642	662	662	662	662	662	637	572	537	537	
Diesel	479	469	479	479	479	479	479	479	479	431	469	469	474	
Renewable	320	320	320	320	320	320	320	287	320	320	320	320	320	
Embedded	231	231	231	231	231	231	231	231	231	225	225	225	225	
System Load (MW)	1,895	1,877	1,917	1,917	1,912	1,914	1,861	1,878	1,876	1,849	1,918	1,925	1,928	
Gross Reserve/Deficiency (MW)	996	1,069	999	959	984	982	1,034	985	1,020	1,072	976	1,039	1,041	
Req'd Regulating Reserve	76	75	77	77	76	77	74	75	75	74	77	77	77	
Req'd Contingency Reserve	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	

1. Peak Demand Forecast at 2,064 MW to occur in November 2018 based from the approved DOE Forecast for the Power Development Plan 2016 – 2040.
2. Preventive Maintenance of Power Plants considered.
3. Embedded Generators considered.

MINDANAO GRID 2018 4th Quarter Reserve Profile

REVISION 1



2018	4TH QUARTER													
	Sep 28	Oct 05	Oct 12	Oct 19	Oct 26	Nov 02	Nov 09	Nov 16	Nov 23	Nov 30	Dec 07	Dec 14	Dec 21	
	Oct 04	Oct 11	Oct 18	Oct 25	Nov 01	Nov 08	Nov 15	Nov 22	Nov 29	Dec 06	Dec 13	Dec 20	Dec 27	
Available Capacity (MW)	3,029	3,054	3,054	3,064	3,064	2,856	2,866	2,809	2,867	2,943	3,153	3,272	3,320	
Coal	1,463	1,463	1,463	1,463	1,463	1,226	1,331	1,233	1,206	1,201	1,431	1,563	1,563	
Geothermal	101	101	101	101	101	101	101	101	101	101	101	101	101	
Hydro	491	516	516	521	521	546	461	502	571	646	627	662	662	
Diesel	464	464	464	469	469	479	469	469	479	479	479	431	479	
Renewable	279	279	279	279	279	279	279	279	279	285	285	285	285	
Embedded	231	231	231	231	231	225	225	225	231	231	231	231	231	
System Load (MW)	1,928	1,994	2,045	2,047	2,037	2,024	2,059	2,057	2,064	2,045	2,031	2,010	2,031	
Gross Reserve/Deficiency (MW)	1,101	1,060	1,009	1,017	1,026	832	807	752	803	898	1,123	1,262	1,290	
Req'd Regulating Reserve	77	80	82	82	81	81	82	82	83	82	81	80	81	
Req'd Contingency Reserve	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	

1. Peak Demand Forecast at 2,064 MW to occur in November 2018 based from the approved DOE Forecast for the Power Development Plan 2016 – 2040.
2. Preventive Maintenance of Power Plants considered.
3. Embedded Generators considered.