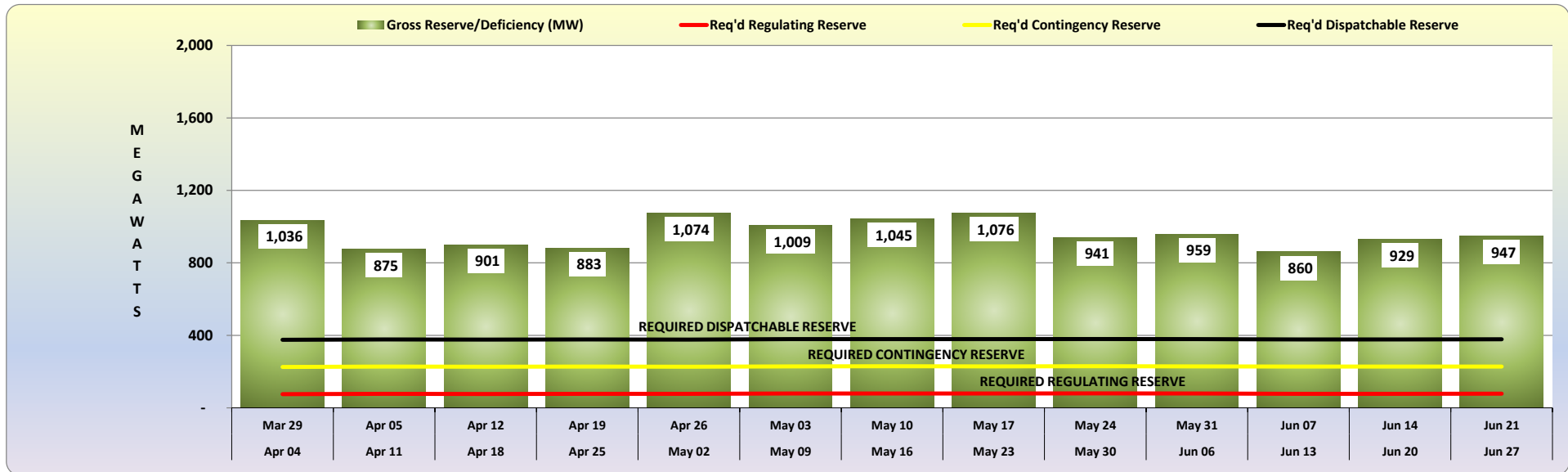


2019	1ST QUARTER													
	Dec 28	Jan 04	Jan 11	Jan 18	Jan 25	Feb 01	Feb 08	Feb 15	Feb 22	Mar 01	Mar 08	Mar 15	Mar 22	
	Jan 03	Jan 10	Jan 17	Jan 24	Jan 31	Feb 07	Feb 14	Feb 21	Feb 28	Mar 07	Mar 14	Mar 21	Mar 28	
Available Capacity (MW)	3,062	3,062	3,062	3,062	3,077	2,980	3,045	3,020	3,026	2,838	2,724	2,774	2,669	
Coal	1,465	1,465	1,465	1,465	1,465	1,465	1,465	1,465	1,465	1,335	1,230	1,335	1,230	
Geothermal	98	98	98	98	98	98	98	98	98	98	98	98	98	
Hydro	662	662	662	662	662	581	646	621	621	563	544	489	489	
Diesel	464	464	464	464	479	469	469	469	469	469	479	479	479	
Renewable	163	163	163	163	163	163	163	163	163	163	163	163	163	
Embedded	211	211	211	211	211	205	205	205	211	211	211	211	211	
System Load (MW)	1,868	1,838	1,780	1,865	1,868	1,887	1,901	1,863	1,901	1,866	1,934	1,905	1,934	
Gross Reserve/Deficiency (MW)	1,193	1,224	1,282	1,196	1,208	1,093	1,144	1,157	1,125	972	790	869	735	
Req'd Regulating Reserve	75	74	71	75	75	75	76	75	76	75	77	76	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 2,130 MW to occur in November 2019 based from the approved DOE Forecast
2. Preventive Maintenance of Power Plants considered.
3. Embedded Generators considered.

MINDANAO GRID 2019 2nd Quarter Reserve Profile

REVISION 0

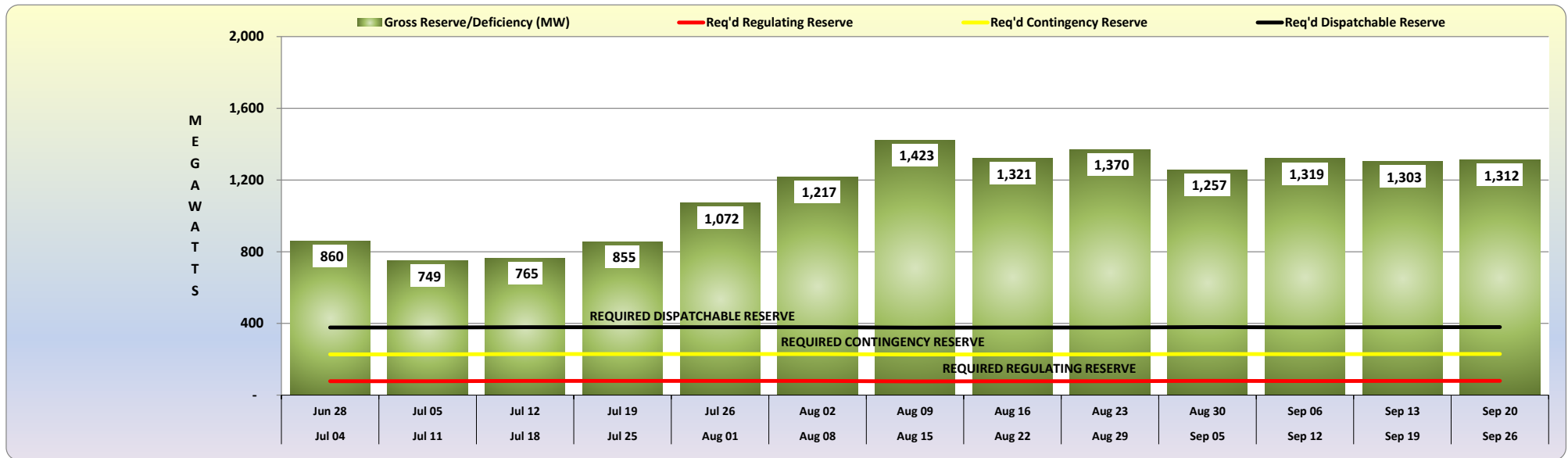


2019	2ND QUARTER												
	Mar 29	Apr 05	Apr 12	Apr 19	Apr 26	May 03	May 10	May 17	May 24	May 31	Jun 07	Jun 14	Jun 21
	Apr 04	Apr 11	Apr 18	Apr 25	May 02	May 09	May 16	May 23	May 30	Jun 06	Jun 13	Jun 20	Jun 27
Available Capacity (MW)	2,925	2,814	2,814	2,821	2,998	2,988	3,025	3,048	2,935	2,935	2,804	2,867	2,902
Coal	1,465	1,341	1,341	1,341	1,565	1,565	1,565	1,565	1,435	1,435	1,385	1,385	1,385
Geothermal	98	98	98	98	98	98	98	98	98	98	98	98	98
Hydro	449	471	471	469	422	422	449	472	489	489	478	483	518
Diesel	479	469	469	479	479	469	479	479	479	479	421	479	479
Renewable	224	224	224	224	224	224	224	224	224	224	224	224	224
Embedded	211	211	211	211	211	211	211	211	211	211	199	199	199
System Load (MW)	1,889	1,939	1,913	1,939	1,924	1,979	1,981	1,972	1,994	1,976	1,944	1,938	1,955
Gross Reserve/Deficiency (MW)	1,036	875	901	883	1,074	1,009	1,045	1,076	941	959	860	929	947
Req'd Regulating Reserve	76	78	77	78	77	79	79	79	80	79	78	78	78
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 2,130 MW to occur in November 2019 based from the approved DOE Forecast
2. Preventive Maintenance of Power Plants considered.
3. Embedded Generators considered.

MINDANAO GRID 2019 3rd Quarter Reserve Profile

REVISION 0

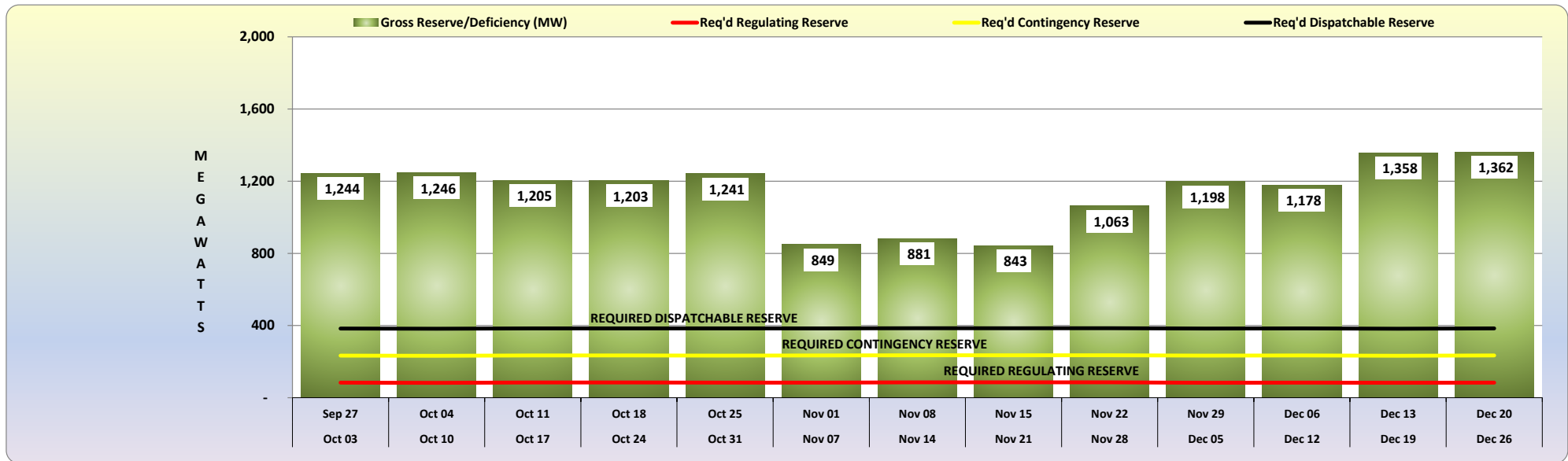


2019	3RD QUARTER													
	Jun 28	Jul 05	Jul 12	Jul 19	Jul 26	Aug 02	Aug 09	Aug 16	Aug 23	Aug 30	Sep 06	Sep 13	Sep 20	
	Jul 04	Jul 11	Jul 18	Jul 25	Aug 01	Aug 08	Aug 15	Aug 22	Aug 29	Sep 05	Sep 12	Sep 19	Sep 26	
Available Capacity (MW)	2,797	2,680	2,743	2,833	3,046	3,191	3,336	3,258	3,306	3,246	3,281	3,276	3,301	
Coal	1,256	1,149	1,199	1,273	1,405	1,510	1,665	1,665	1,665	1,665	1,665	1,665	1,665	
Geothermal	98	98	98	98	98	98	98	98	98	98	98	98	98	
Hydro	541	541	532	597	622	662	662	622	622	562	607	592	617	
Diesel	479	469	479	431	479	479	469	431	479	479	469	479	479	
Renewable	224	224	224	224	232	232	232	232	232	232	232	232	232	
Embedded	199	199	211	211	211	211	211	211	211	211	211	211	211	
System Load (MW)	1,937	1,931	1,978	1,978	1,975	1,975	1,913	1,938	1,936	1,989	1,962	1,973	1,989	
Gross Reserve/Deficiency (MW)	860	749	765	855	1,072	1,217	1,423	1,321	1,370	1,257	1,319	1,303	1,312	
Req'd Regulating Reserve	77	77	79	79	79	79	77	78	77	80	78	79	80	
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 2,130 MW to occur in November 2019 based from the approved DOE Forecast
2. Preventive Maintenance of Power Plants considered.
3. Embedded Generators considered.

MINDANAO GRID 2019 4th Quarter Reserve Profile

REVISION 0



2019	4TH QUARTER													
	Sep 27	Oct 04	Oct 11	Oct 18	Oct 25	Nov 01	Nov 08	Nov 15	Nov 22	Nov 29	Dec 06	Dec 13	Dec 20	
	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	
Available Capacity (MW)	3,324	3,304	3,315	3,315	3,335	2,946	3,011	2,966	3,193	3,274	3,274	3,423	3,457	
Coal	1,765	1,765	1,765	1,765	1,765	1,536	1,536	1,431	1,633	1,733	1,733	1,865	1,865	
Geothermal	98	98	98	98	98	98	98	98	98	98	98	98	98	
Hydro	616	596	612	612	632	482	547	602	627	597	597	662	662	
Diesel	479	479	474	474	474	464	464	469	469	474	474	426	474	
Renewable	171	171	171	171	171	171	171	171	171	177	177	177	163	
Embedded	196	196	196	196	196	196	196	196	196	196	196	196	196	
System Load (MW)	2,080	2,058	2,110	2,112	2,094	2,098	2,130	2,123	2,130	2,076	2,096	2,065	2,096	
Gross Reserve/Deficiency (MW)	1,244	1,246	1,205	1,203	1,241	849	881	843	1,063	1,198	1,178	1,358	1,362	
Req'd Regulating Reserve	83	82	84	84	84	84	85	85	85	83	84	83	84	
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 2,130 MW to occur in November 2019 based from the approved DOE Forecast
2. Preventive Maintenance of Power Plants considered.
3. Embedded Generators considered.