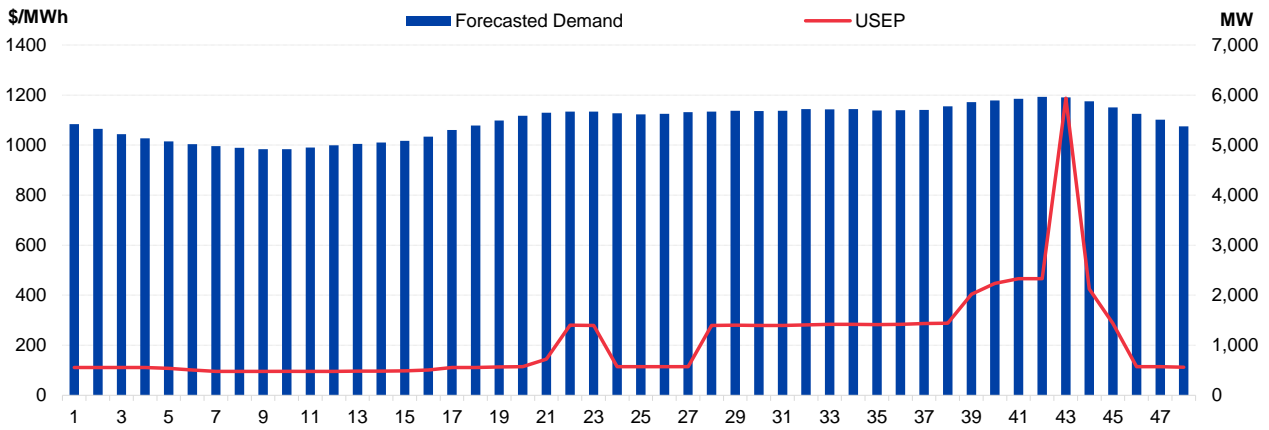


# Daily Trading Report

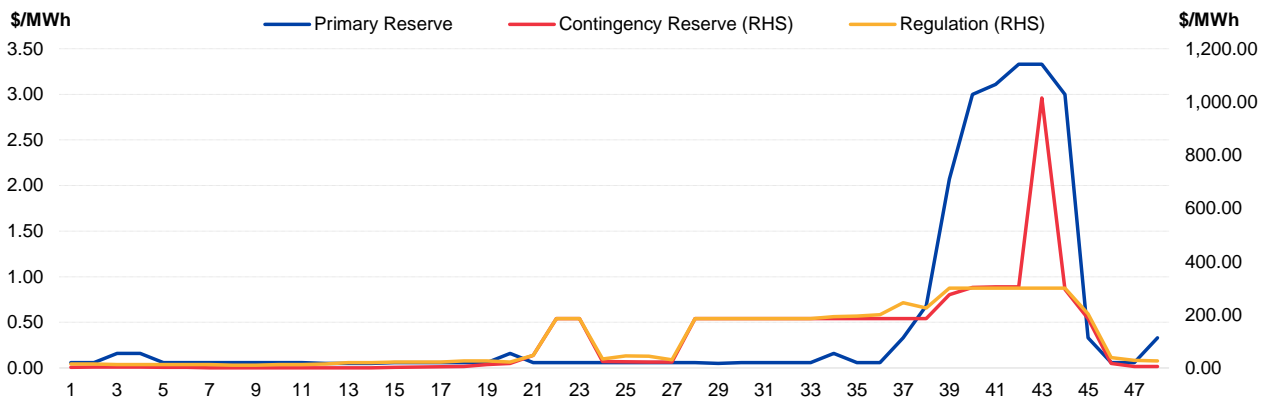
## 17 March 2019



**Figure 1: Forecasted Demand vs USEP**



**Figure 2: Periodic Ancillary Prices**



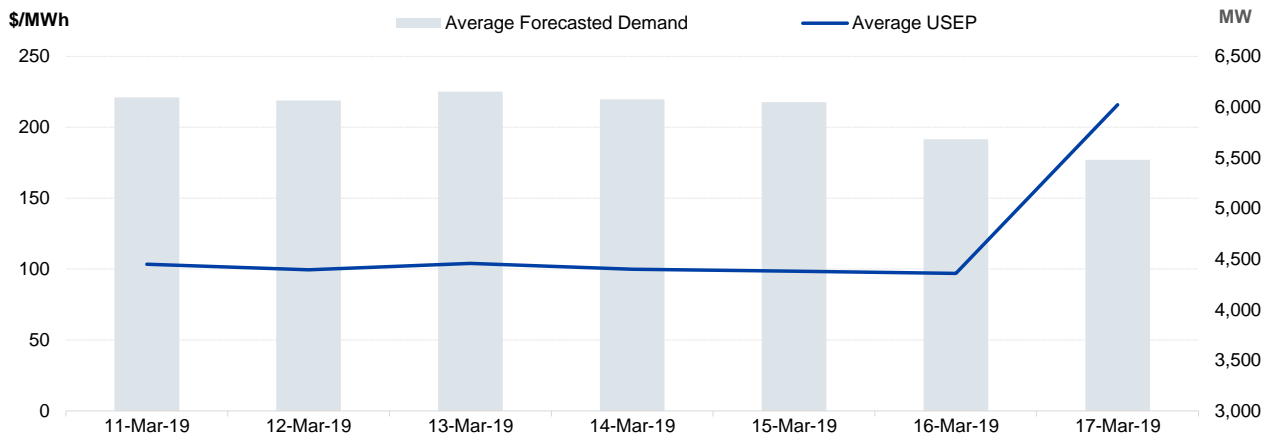
**Figure 3: Daily Data Comparison**

	Forecasted Demand (MW)	Total Supply (MW)	Energy Price (\$/MWh)
PHDay Ranking*	46 out of 1023	320 out of 1023	49 out of 1023
Daily Average	5,478	7,059	215.89
Previous day	5,682	8,078	96.96
Change (%)	-3.6%	-12.6%	122.7%
Daily Max	5,966	7,290	1187.31
Previous day	6,165	8,276	106.03
Change (%)	-3.2%	-11.9%	1019.8%
Daily Min	4,917	7,043	95.65
Previous day	4,975	7,605	82.46
Change (%)	-1.2%	-7.4%	16.0%

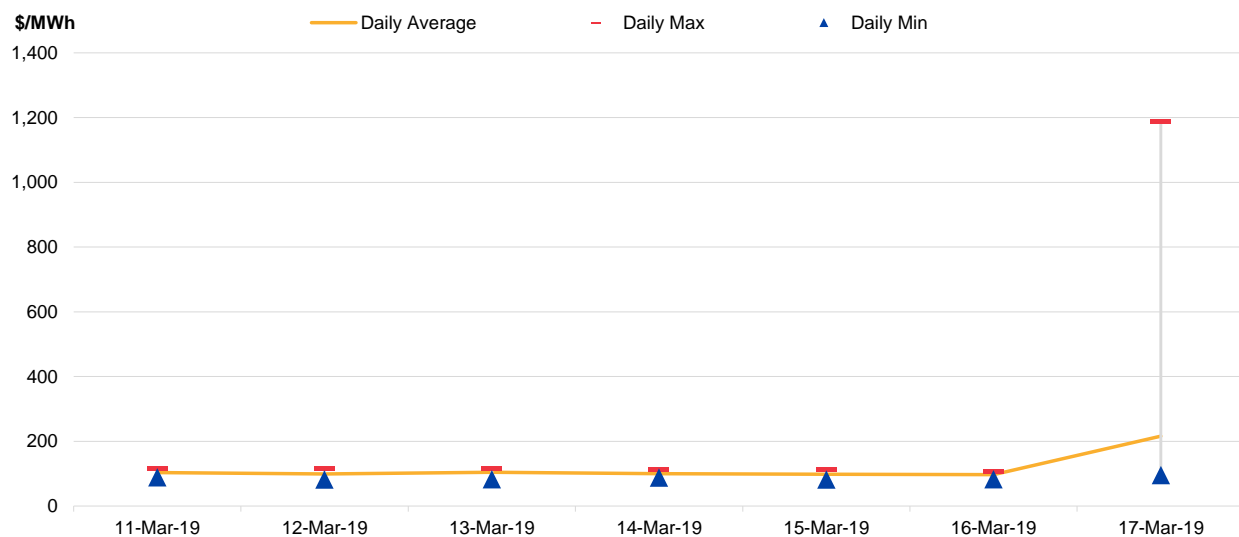
	Primary Reserve Price (\$/MWh)	Contingency Reserve Price (\$/MWh)	Regulation Price (\$/MWh)
Daily Average	0.46	110.81	107.80
Previous day	0.03	3.69	14.34
Change (%)	1433.3%	2901.9%	652.0%
Daily Max	3.33	1014.88	300.00
Previous day	0.06	10.88	17.71
Change (%)	5450.0%	9227.9%	1594.0%
Daily Min	0.05	0.50	10.50
Previous day	0.01	0.05	8.00
Change (%)	400.0%	900.0%	31.3%

\*Ranking denotes the relative position of the market parameter since 1 Jan 2003.

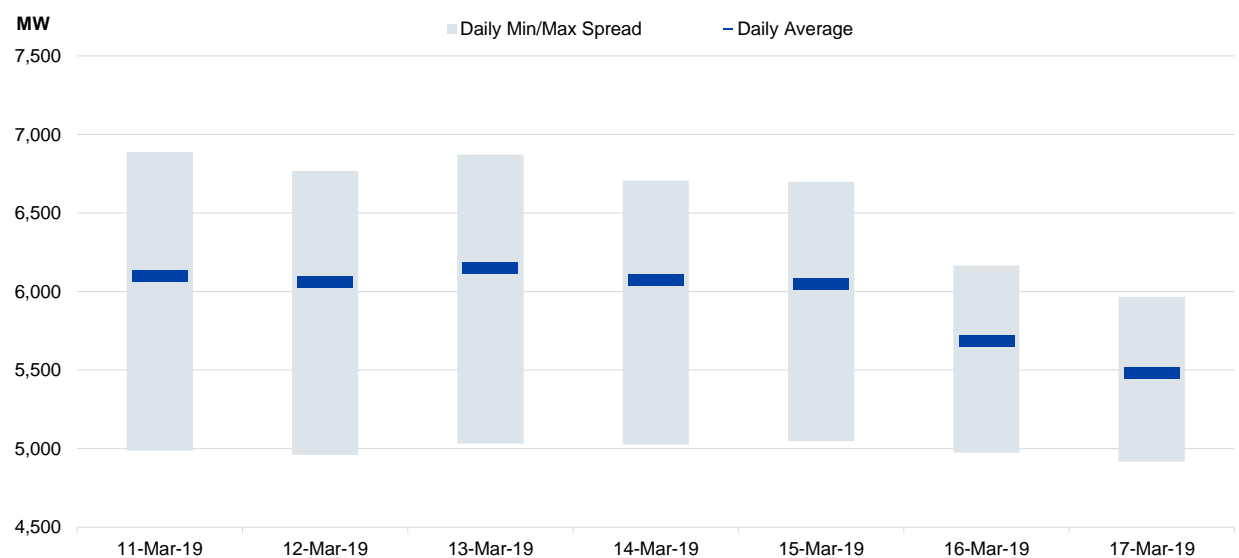
**Figure 4: Seven Days of Daily USEP vs Daily Forecasted Demand**



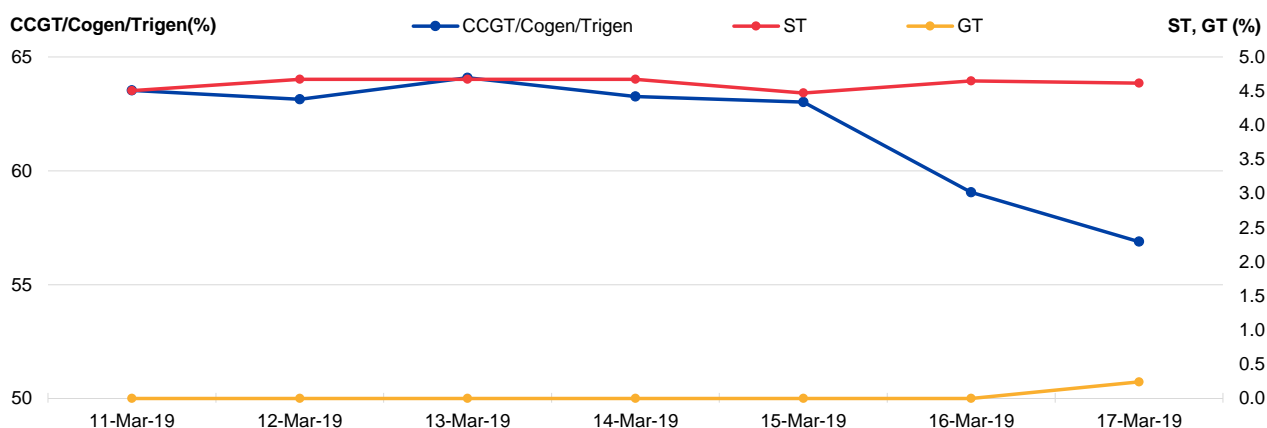
**Figure 8: Seven Days USEP Average-Max-Min**



**Figure 6: Seven Days Forecasted Demand Average-Max-Min**



**Figure 7: Daily Generation Plant Utilization Rate**



**Figure 8: Daily Trading Data Table**

	Mon 11-Mar-19	Tue 12-Mar-19	Wed 13-Mar-19	Thu 14-Mar-19	Fri 15-Mar-19	Sat 16-Mar-19	Sun 17-Mar-19
<b>Forecasted Demand (MW)</b>							
Daily Average	6,096	6,063	6,151	6,075	6,048	5,682	5,478
Daily Maximum	6,889	6,767	6,872	6,707	6,699	6,165	5,966
Daily Minimum	4,987	4,962	5,033	5,027	5,048	4,975	4,917
<b>Total Supply (MW)</b>							
Daily Average	8,194	8,267	8,276	8,266	8,348	8,078	7,059
Daily Maximum	8,521	8,521	8,521	8,521	8,604	8,276	7,290
Daily Minimum	7,613	7,936	7,935	7,887	8,039	7,605	7,043
<b>Energy Price (\$/MWh)</b>							
Daily Average	103.40	99.48	103.93	99.80	98.49	96.96	215.89
Daily Maximum	116.23	115.63	116.28	111.17	110.80	106.03	1187.31
Daily Minimum	88.64	81.55	82.58	87.82	82.22	82.46	95.65
<b>Reserve &amp; Regulation Prices (\$/MWh)</b>							
Primary	0.02	0.02	0.02	0.02	0.02	0.03	0.46
Contingency	9.01	8.01	7.86	5.59	4.98	3.69	110.81
Regulation	15.71	14.72	13.32	14.61	13.84	14.34	107.80
<b>Reserve &amp; Regulation Requirement (MW)</b>							
Primary	173	167	168	167	167	180	202
Contingency	607	591	596	600	602	607	614
Regulation	125	125	125	125	125	125	125
<b>Generation (MW)</b>							
CCGT/Cogen/Trigen	6,000	5,963	6,052	5,975	5,951	5,577	5,372
ST	129	134	134	134	128	133	132
GT	0	0	0	0	0	0	1

# Periodic Trading Data

Figure 9: Periodic Trading Data Table

Period	USEP (\$/MWh)	Forecasted Demand (MW)	CCGT/Cogen/Trigen Generation (MW)	ST Generation (MW)	GT Generation (MW)
1	\$111.09	5,416	5,309	134	0
2	\$111.01	5,323	5,215	134	0
3	\$111.06	5,216	5,107	134	0
4	\$111.00	5,136	5,026	134	0
5	\$107.53	5,076	4,966	134	0
6	\$100.85	5,018	4,907	134	0
7	\$95.80	4,979	4,867	134	0
8	\$95.80	4,944	4,833	134	0
9	\$95.76	4,919	4,807	134	0
10	\$95.65	4,917	4,805	134	0
11	\$95.73	4,951	4,839	134	0
12	\$95.84	4,996	4,886	132	0
13	\$96.28	5,023	4,913	132	0
14	\$96.50	5,052	4,942	132	0
15	\$97.76	5,085	4,976	132	0
16	\$100.88	5,168	5,060	132	0
17	\$110.97	5,300	5,193	132	0
18	\$111.41	5,389	5,283	132	0
19	\$113.11	5,494	5,388	132	0
20	\$114.33	5,587	5,483	132	0
21	\$144.18	5,646	5,543	132	0
22	\$280.24	5,670	5,567	132	0
23	\$279.56	5,667	5,564	132	0
24	\$114.58	5,634	5,530	132	0
25	\$114.36	5,615	5,511	132	0
26	\$114.36	5,625	5,521	132	0
27	\$114.61	5,660	5,557	132	0
28	\$279.41	5,671	5,568	132	0
29	\$279.63	5,684	5,581	132	0
30	\$279.59	5,682	5,579	132	0
31	\$279.58	5,684	5,580	132	0
32	\$281.80	5,717	5,615	132	0
33	\$283.64	5,712	5,609	132	0
34	\$283.82	5,717	5,614	132	0
35	\$282.60	5,694	5,590	132	0
36	\$283.65	5,695	5,592	132	0
37	\$287.18	5,702	5,599	132	0
38	\$288.01	5,774	5,672	132	0
39	\$403.82	5,860	5,759	132	0
40	\$447.67	5,893	5,792	132	0
41	\$466.05	5,925	5,825	132	0
42	\$466.25	5,966	5,836	132	30
43	\$1,187.31	5,952	5,852	132	0
44	\$424.47	5,874	5,773	132	0
45	\$286.99	5,751	5,649	132	0
46	\$114.62	5,626	5,523	132	0
47	\$114.38	5,506	5,402	132	0
48	\$111.96	5,373	5,267	132	0

**Disclaimer**

This Report is prepared and provided for general information purposes only. Information in this Report was obtained or derived from sources that the Energy Market Company Pte Ltd (EMC) considers reliable. All reasonable care has been taken to ensure that stated facts are accurate and opinions fair and reasonable at time of printing. EMC does not represent that information in this Report is accurate or complete and it should not be relied upon as such. In particular, in presentation of charts, certain assumptions were made which may not be stated therein. As such, EMC assumes no fiduciary responsibility or liability for any construction or interpretation you may take based on the information contained nor for any consequences, financial or otherwise, from transactions where information in this Report may be relied upon. You should make your own appraisal and should consult, to the extent necessary, your own professional advisors to ensure that any decision made based on the information in this Report is suitable for your circumstances.

If you have any specific queries about this Report or its contents, you should contact us at [marketoperations-B@emcsg.com](mailto:marketoperations-B@emcsg.com).