

Daily Trading Report

22 March 2019



Figure 1: Forecasted Demand vs USEP

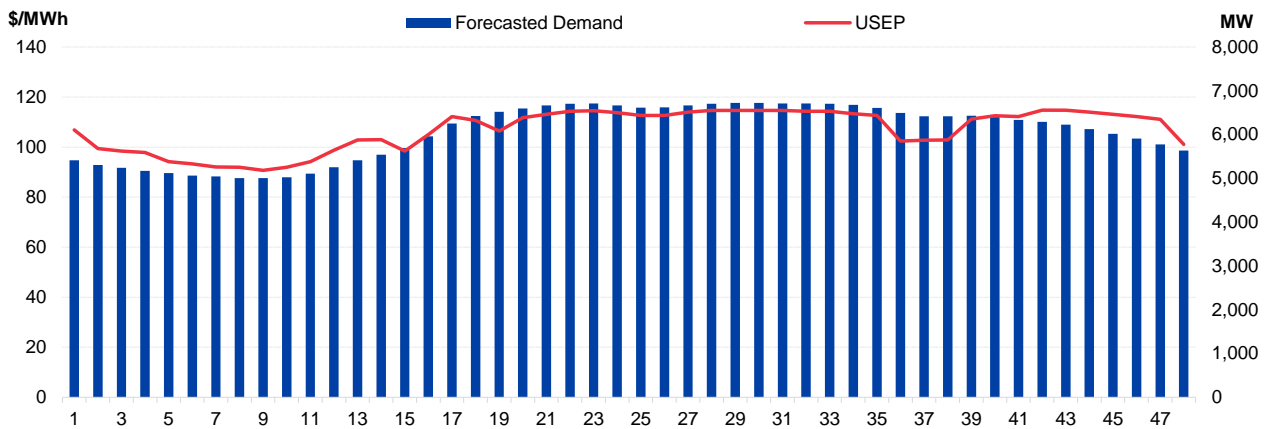


Figure 2: Periodic Ancillary Prices

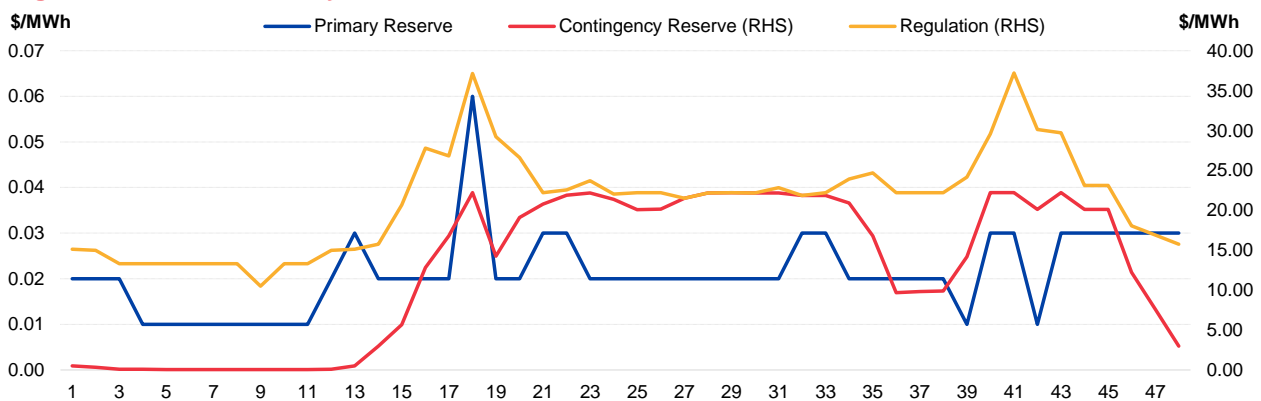


Figure 3: Daily Data Comparison

	Forecasted Demand (MW)	Total Supply (MW)	Energy Price (\$/MWh)
Weekday Ranking*	187 out of 4078	829 out of 4078	2423 out of 4078
Daily Average	6,059	7,995	106.93
Previous day	6,124	7,831	164.98
Change (%)	-1.1%	2.1%	-35.2%
Daily Max	6,726	8,222	114.73
Previous day	6,813	8,209	408.83
Change (%)	-1.3%	0.2%	-71.9%
Daily Min	5,004	7,696	90.69
Previous day	5,126	7,415	94.83
Change (%)	-2.4%	3.8%	-4.4%

	Primary Reserve Price (\$/MWh)	Contingency Reserve Price (\$/MWh)	Regulation Price (\$/MWh)
Daily Average	0.02	12.65	21.13
Previous day	0.02	54.28	78.81
Change (%)	0.0%	-76.7%	-73.2%
Daily Max	0.06	22.22	37.21
Previous day	0.33	215.08	300.00
Change (%)	-81.8%	-89.7%	-87.6%
Daily Min	0.01	0.05	10.50
Previous day	0.01	0.50	15.00
Change (%)	0.0%	-90.0%	-30.0%

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

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

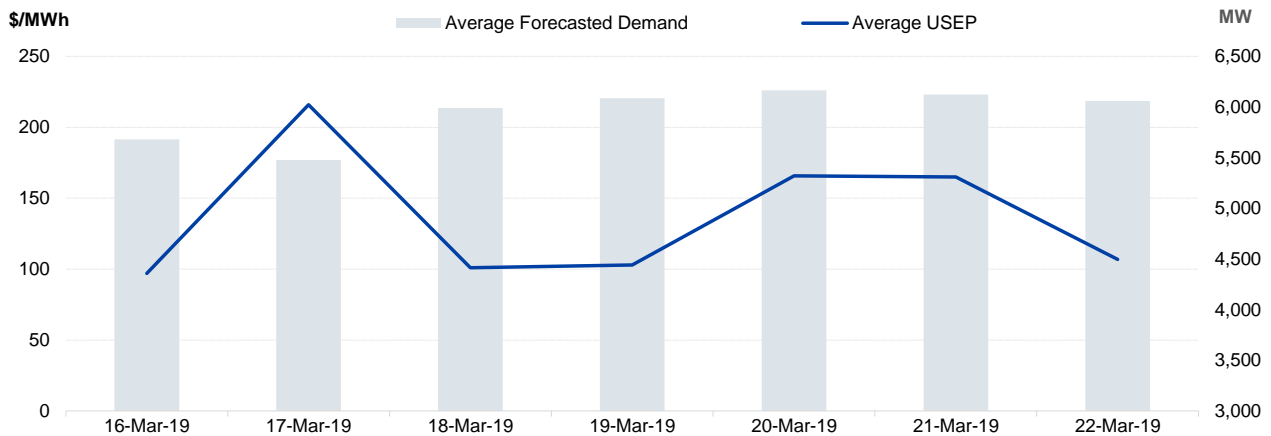


Figure 8: Seven Days USEP Average-Max-Min

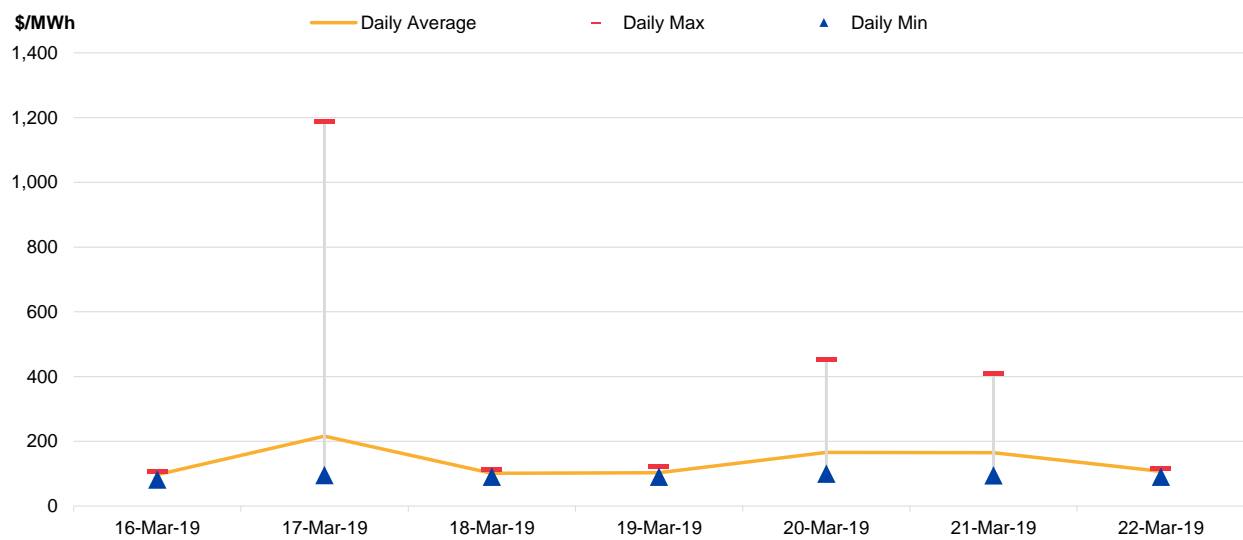


Figure 6: Seven Days Forecasted Demand Average-Max-Min

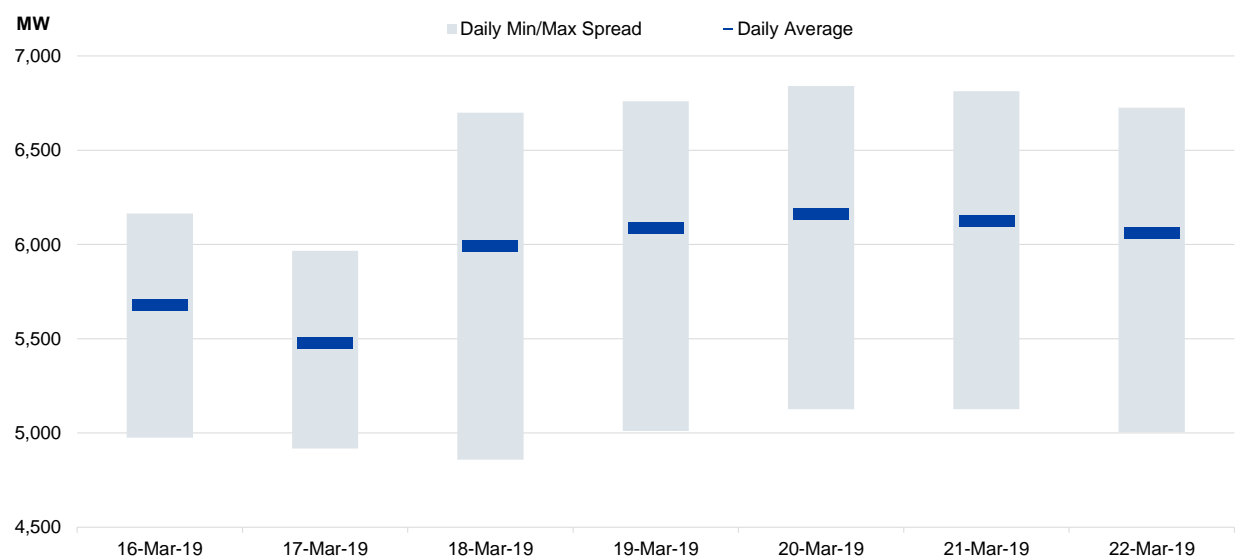


Figure 7: Daily Generation Plant Utilization Rate

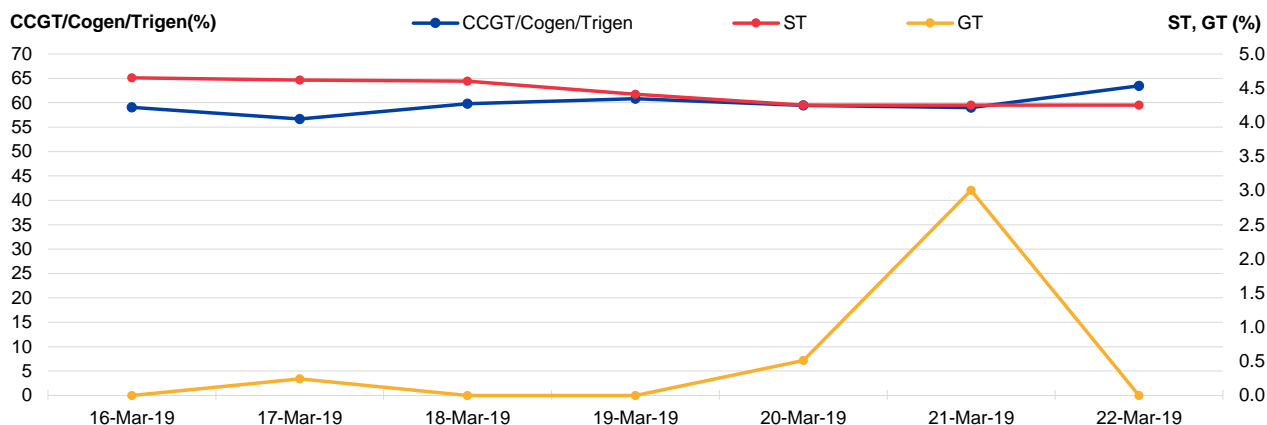


Figure 8: Daily Trading Data Table

	Sat 16-Mar-19	Sun 17-Mar-19	Mon 18-Mar-19	Tue 19-Mar-19	Wed 20-Mar-19	Thu 21-Mar-19	Fri 22-Mar-19
Forecasted Demand (MW)							
Daily Average	5,682	5,478	5,990	6,087	6,164	6,124	6,059
Daily Maximum	6,165	5,966	6,699	6,760	6,841	6,813	6,726
Daily Minimum	4,975	4,917	4,858	5,010	5,125	5,126	5,004
Total Supply (MW)							
Daily Average	8,078	7,059	8,114	8,300	8,100	7,831	7,995
Daily Maximum	8,276	7,290	8,538	8,538	8,520	8,209	8,222
Daily Minimum	7,605	7,043	7,133	8,012	7,441	7,415	7,696
Energy Price (\$/MWh)							
Daily Average	96.96	215.89	100.86	102.99	165.76	164.98	106.93
Daily Maximum	106.03	1187.31	111.13	121.25	453.72	408.83	114.73
Daily Minimum	82.46	95.65	90.69	91.10	99.93	94.83	90.69
Reserve & Regulation Prices (\$/MWh)							
Primary	0.03	0.46	0.04	0.02	0.05	0.02	0.02
Contingency	3.69	110.81	2.92	3.47	51.51	54.28	12.65
Regulation	14.34	107.80	14.12	15.01	60.46	78.81	21.13
Reserve & Regulation Requirement (MW)							
Primary	180	202	186	171	173	177	170
Contingency	607	614	606	597	618	615	616
Regulation	125	125	125	125	125	125	125
Generation (MW)							
CCGT/Cogen/Trigen	5,577	5,372	5,889	5,991	6,073	6,027	5,969
ST	133	132	132	126	122	122	122
GT	0	1	0	0	1	8	0

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	\$106.83	5,413	5,318	122	0
2	\$99.44	5,302	5,206	122	0
3	\$98.42	5,243	5,146	122	0
4	\$97.81	5,172	5,075	122	0
5	\$94.16	5,118	5,020	122	0
6	\$93.32	5,063	4,964	122	0
7	\$92.02	5,043	4,944	122	0
8	\$91.95	5,006	4,907	122	0
9	\$90.69	5,004	4,905	122	0
10	\$91.96	5,026	4,926	122	0
11	\$94.15	5,110	5,011	122	0
12	\$98.75	5,256	5,158	122	0
13	\$102.84	5,416	5,319	122	0
14	\$102.94	5,538	5,443	122	0
15	\$98.40	5,690	5,596	122	0
16	\$104.99	5,959	5,867	122	0
17	\$112.20	6,254	6,166	122	0
18	\$110.67	6,422	6,335	122	0
19	\$106.46	6,521	6,434	122	0
20	\$111.71	6,597	6,511	122	0
21	\$113.14	6,664	6,579	122	0
22	\$114.26	6,702	6,618	122	0
23	\$114.58	6,711	6,627	122	0
24	\$113.78	6,663	6,579	122	0
25	\$112.62	6,612	6,527	122	0
26	\$112.66	6,622	6,537	122	0
27	\$113.93	6,666	6,581	122	0
28	\$114.60	6,702	6,617	122	0
29	\$114.64	6,726	6,642	122	0
30	\$114.62	6,722	6,638	122	0
31	\$114.61	6,712	6,628	122	0
32	\$114.31	6,710	6,626	122	0
33	\$114.31	6,704	6,620	122	0
34	\$113.28	6,677	6,592	122	0
35	\$112.63	6,606	6,521	122	0
36	\$102.42	6,491	6,405	122	0
37	\$102.70	6,418	6,330	122	0
38	\$102.82	6,418	6,331	122	0
39	\$111.14	6,428	6,342	122	0
40	\$112.58	6,400	6,313	122	0
41	\$112.19	6,336	6,248	122	0
42	\$114.72	6,289	6,203	122	0
43	\$114.73	6,228	6,141	122	0
44	\$113.97	6,125	6,037	122	0
45	\$113.11	6,016	5,926	122	0
46	\$112.21	5,911	5,821	122	0
47	\$111.12	5,774	5,682	122	0
48	\$101.05	5,634	5,541	122	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.