

Daily Trading Report

20 March 2019



Figure 1: Forecasted Demand vs USEP

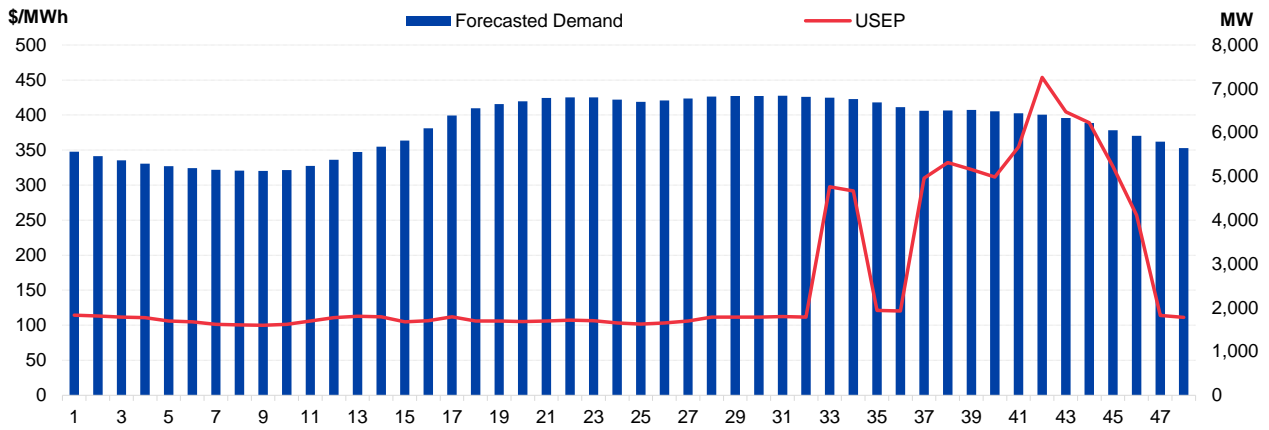


Figure 2: Periodic Ancillary Prices

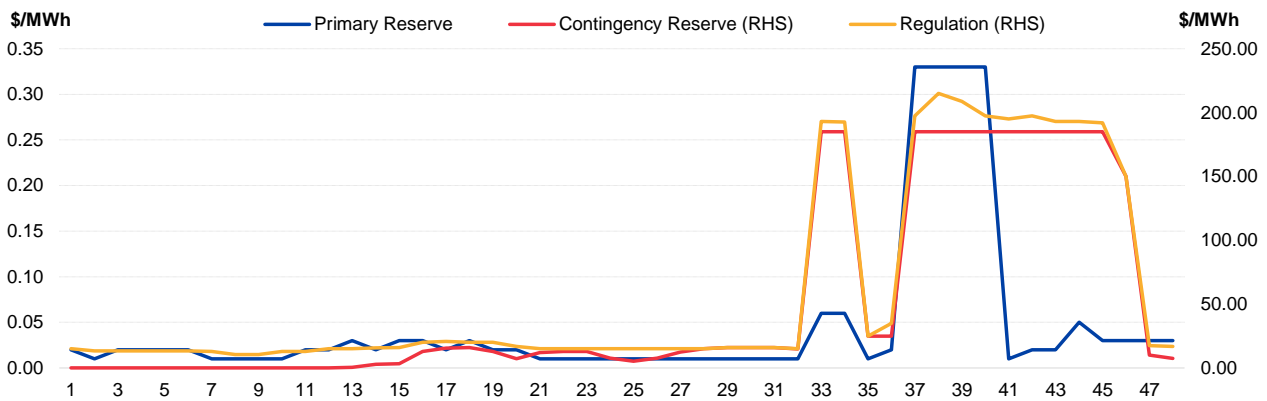


Figure 3: Daily Data Comparison

	Forecasted Demand (MW)	Total Supply (MW)	Energy Price (\$/MWh)
Weekday Ranking*	61 out of 4076	647 out of 4076	1021 out of 4076
Daily Average	6,164	8,100	165.76
Previous day	6,087	8,300	102.99
Change (%)	1.3%	-2.4%	60.9%
Daily Max	6,841	8,520	453.72
Previous day	6,760	8,538	121.25
Change (%)	1.2%	-0.2%	274.2%
Daily Min	5,125	7,441	99.93
Previous day	5,010	8,012	91.10
Change (%)	2.3%	-7.1%	9.7%

	Primary Reserve Price (\$/MWh)	Contingency Reserve Price (\$/MWh)	Regulation Price (\$/MWh)
Daily Average	0.05	51.51	60.46
Previous day	0.02	3.47	15.01
Change (%)	150.0%	1385.6%	302.9%
Daily Max	0.33	185.00	215.00
Previous day	0.06	19.23	19.80
Change (%)	450.0%	862.0%	985.9%
Daily Min	0.01	0.05	10.50
Previous day	0.01	0.05	10.50
Change (%)	0.0%	0.0%	0.0%

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

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

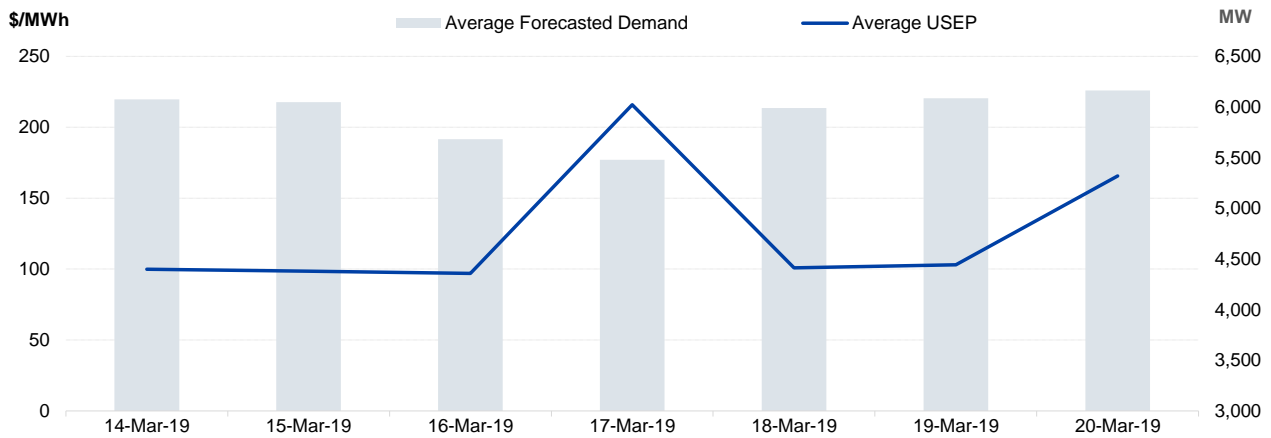


Figure 8: Seven Days USEP Average-Max-Min

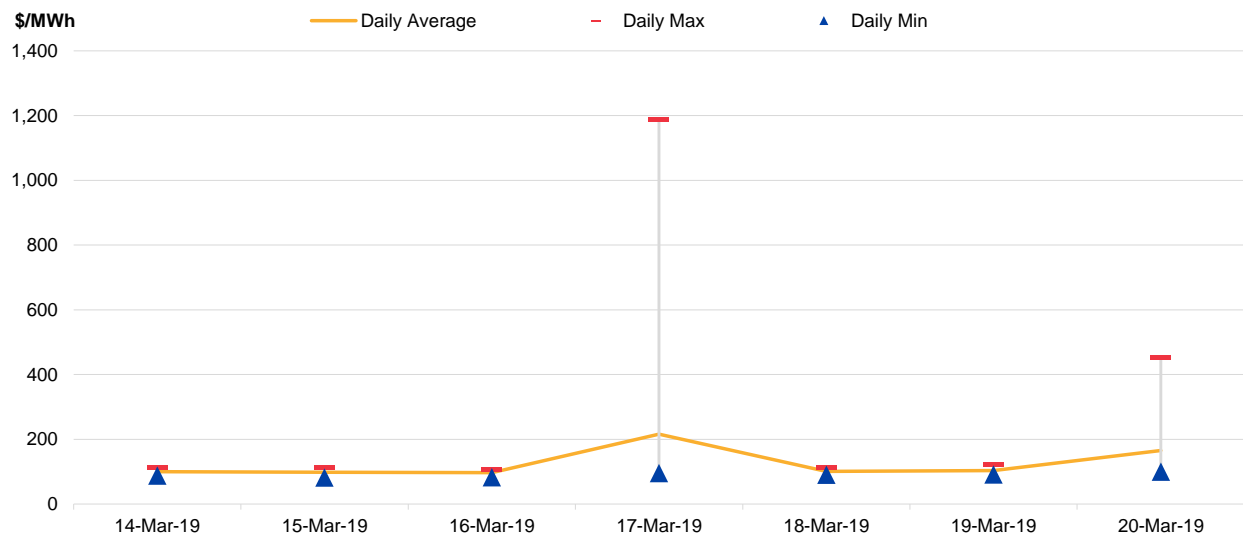


Figure 6: Seven Days Forecasted Demand Average-Max-Min

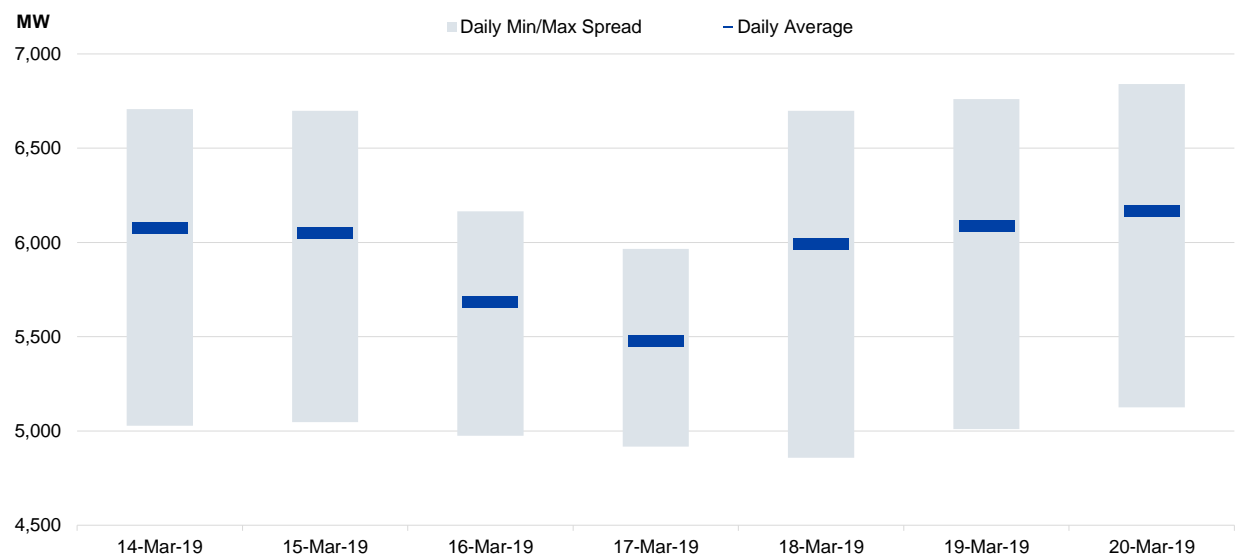


Figure 7: Daily Generation Plant Utilization Rate

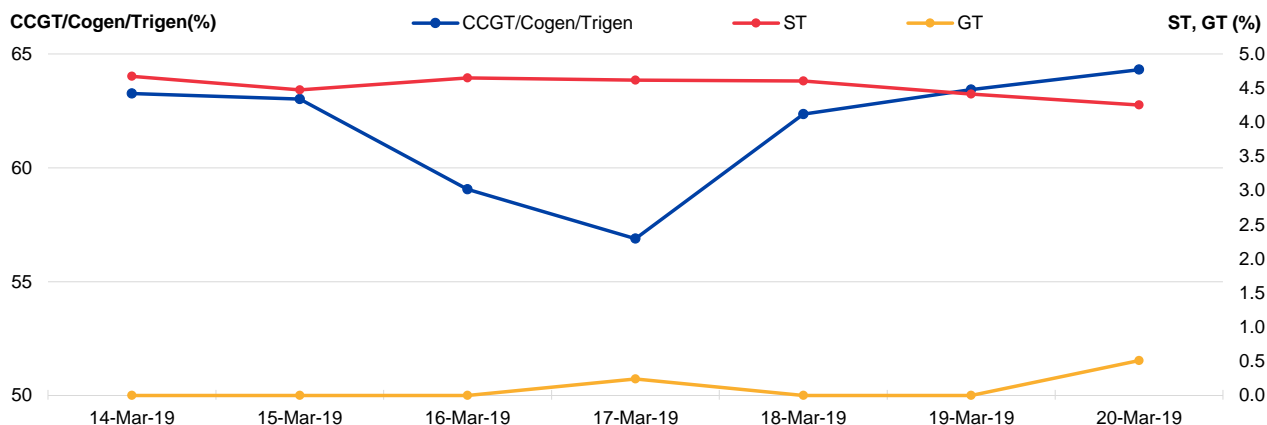


Figure 8: Daily Trading Data Table

	Thu 14-Mar-19	Fri 15-Mar-19	Sat 16-Mar-19	Sun 17-Mar-19	Mon 18-Mar-19	Tue 19-Mar-19	Wed 20-Mar-19
Forecasted Demand (MW)							
Daily Average	6,075	6,048	5,682	5,478	5,990	6,087	6,164
Daily Maximum	6,707	6,699	6,165	5,966	6,699	6,760	6,841
Daily Minimum	5,027	5,048	4,975	4,917	4,858	5,010	5,125
Total Supply (MW)							
Daily Average	8,266	8,348	8,078	7,059	8,114	8,300	8,100
Daily Maximum	8,521	8,604	8,276	7,290	8,538	8,538	8,520
Daily Minimum	7,887	8,039	7,605	7,043	7,133	8,012	7,441
Energy Price (\$/MWh)							
Daily Average	99.80	98.49	96.96	215.89	100.86	102.99	165.76
Daily Maximum	111.17	110.80	106.03	1187.31	111.13	121.25	453.72
Daily Minimum	87.82	82.22	82.46	95.65	90.69	91.10	99.93
Reserve & Regulation Prices (\$/MWh)							
Primary	0.02	0.02	0.03	0.46	0.04	0.02	0.05
Contingency	5.59	4.98	3.69	110.81	2.92	3.47	51.51
Regulation	14.61	13.84	14.34	107.80	14.12	15.01	60.46
Reserve & Regulation Requirement (MW)							
Primary	167	167	180	202	186	171	173
Contingency	600	602	607	614	606	597	618
Regulation	125	125	125	125	125	125	125
Generation (MW)							
CCGT/Cogen/Trigen	5,975	5,951	5,577	5,372	5,889	5,991	6,073
ST	134	128	133	132	132	126	122
GT	0	0	0	1	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	\$114.36	5,562	5,467	122	0
2	\$113.31	5,461	5,365	122	0
3	\$111.57	5,366	5,269	122	0
4	\$110.76	5,290	5,193	122	0
5	\$106.02	5,233	5,135	122	0
6	\$104.72	5,185	5,087	122	0
7	\$101.26	5,150	5,051	122	0
8	\$100.28	5,134	5,034	122	0
9	\$99.93	5,125	5,026	122	0
10	\$101.26	5,146	5,046	122	0
11	\$106.03	5,240	5,141	122	0
12	\$110.93	5,376	5,279	122	0
13	\$112.66	5,554	5,458	122	0
14	\$112.09	5,678	5,584	122	0
15	\$104.96	5,819	5,725	122	0
16	\$106.53	6,095	6,004	122	0
17	\$112.16	6,388	6,300	122	0
18	\$106.04	6,558	6,471	122	0
19	\$106.02	6,653	6,566	122	0
20	\$105.30	6,716	6,630	122	0
21	\$106.15	6,789	6,704	122	0
22	\$107.19	6,806	6,721	122	0
23	\$106.51	6,804	6,719	122	0
24	\$103.34	6,750	6,664	122	0
25	\$101.77	6,704	6,617	122	0
26	\$103.18	6,734	6,648	122	0
27	\$106.09	6,777	6,692	122	0
28	\$111.69	6,823	6,739	122	0
29	\$111.72	6,836	6,752	122	0
30	\$111.68	6,834	6,750	122	0
31	\$112.22	6,841	6,756	122	0
32	\$111.68	6,815	6,730	122	0
33	\$297.56	6,798	6,715	122	0
34	\$291.76	6,763	6,680	122	0
35	\$121.04	6,686	6,602	122	0
36	\$120.31	6,583	6,497	122	0
37	\$310.04	6,501	6,415	122	0
38	\$332.30	6,501	6,415	122	0
39	\$322.16	6,519	6,402	122	30
40	\$311.40	6,488	6,402	122	0
41	\$354.58	6,440	6,354	122	0
42	\$453.72	6,407	6,287	122	33
43	\$404.41	6,334	6,247	122	0
44	\$389.14	6,215	6,128	122	0
45	\$326.63	6,056	5,967	122	0
46	\$256.91	5,925	5,834	122	0
47	\$113.81	5,794	5,702	122	0
48	\$111.06	5,645	5,551	122	0

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