

Daily Trading Report

23 April 2019

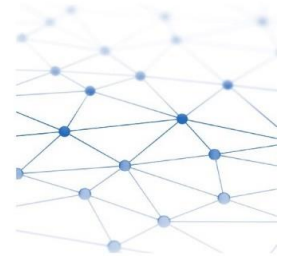
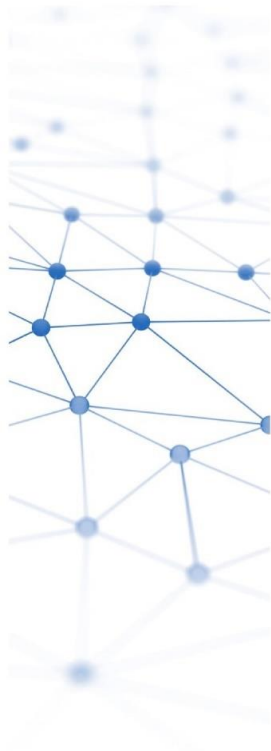


Figure 1: Forecasted Demand vs USEP

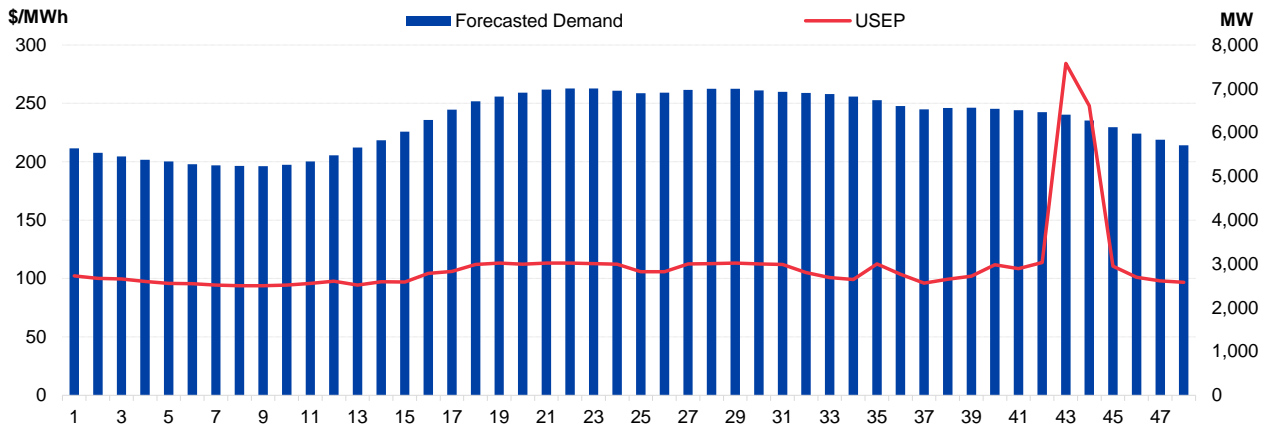


Figure 2: Periodic Ancillary Prices

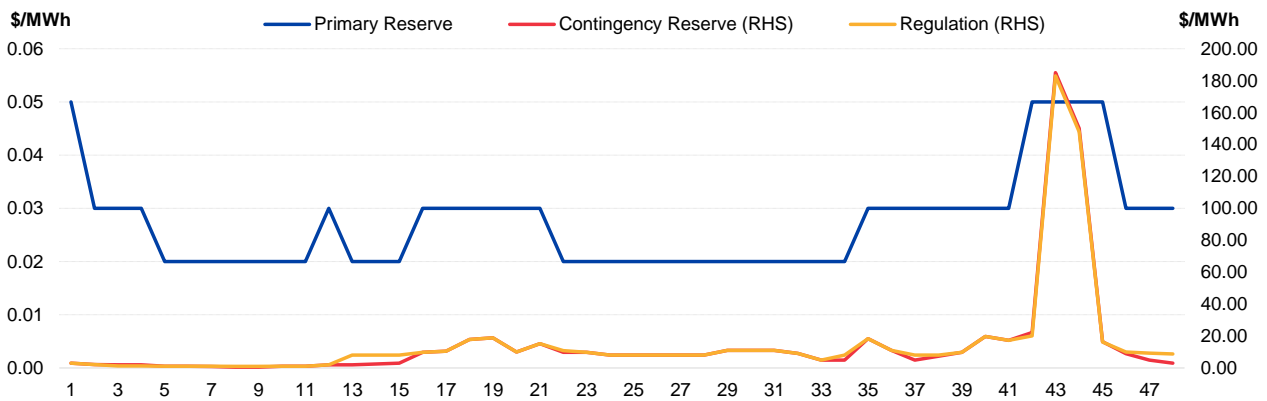


Figure 3: Daily Data Comparison

	Forecasted Demand (MW)	Total Supply (MW)	Energy Price (\$/MWh)
Weekday Ranking*	21 out of 4099	529 out of 4099	2317 out of 4099
Daily Average	6,277	8,167	110.71
Previous day	6,279	8,331	102.11
Change (%)	0.0%	-2.0%	8.4%
Daily Max	7,007	8,529	284.22
Previous day	7,017	8,549	117.46
Change (%)	-0.1%	-0.2%	142.0%
Daily Min	5,235	7,758	93.82
Previous day	5,146	7,929	81.23
Change (%)	1.7%	-2.2%	15.5%

	Primary Reserve Price (\$/MWh)	Contingency Reserve Price (\$/MWh)	Regulation Price (\$/MWh)
Daily Average	0.03	14.55	15.15
Previous day	0.03	8.24	9.69
Change (%)	0.0%	76.6%	56.3%
Daily Max	0.05	185.00	183.00
Previous day	0.03	21.83	21.86
Change (%)	66.7%	747.5%	737.1%
Daily Min	0.02	0.50	1.00
Previous day	0.02	0.05	1.00
Change (%)	0.0%	900.0%	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

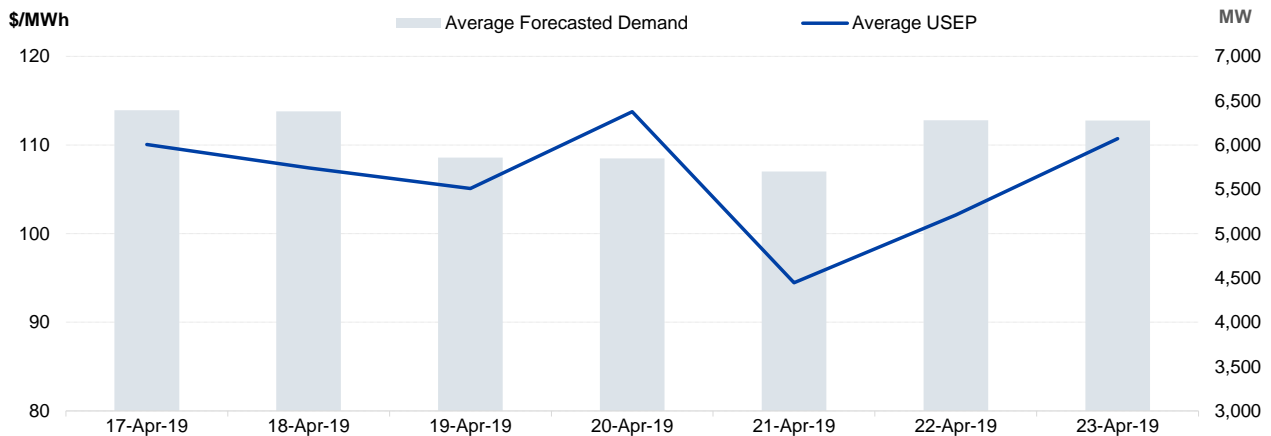


Figure 8: Seven Days USEP Average-Max-Min

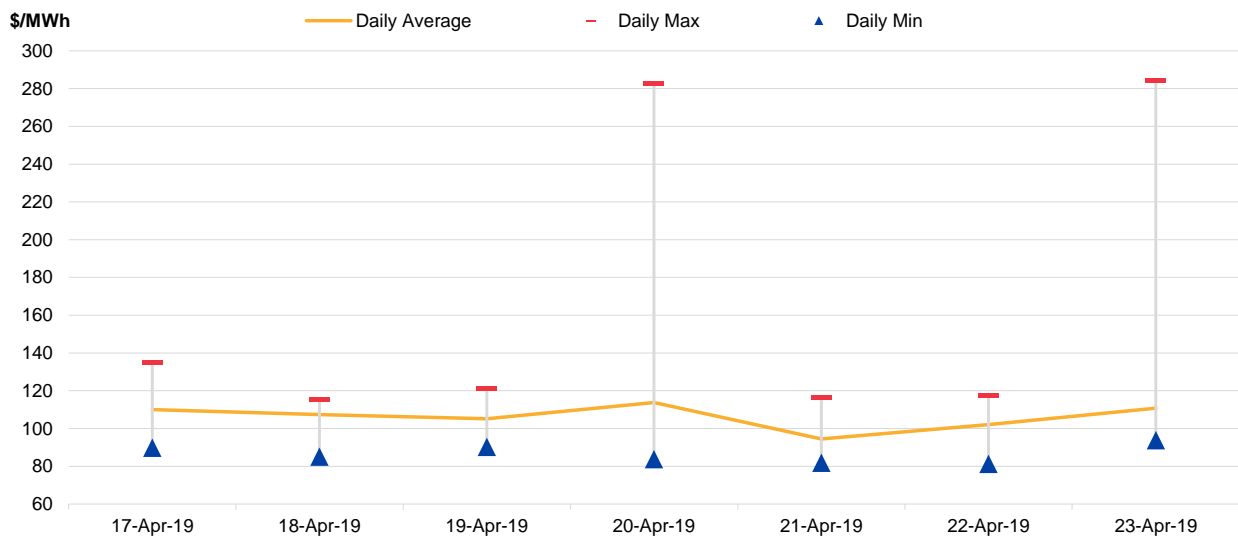


Figure 6: Seven Days Forecasted Demand Average-Max-Min

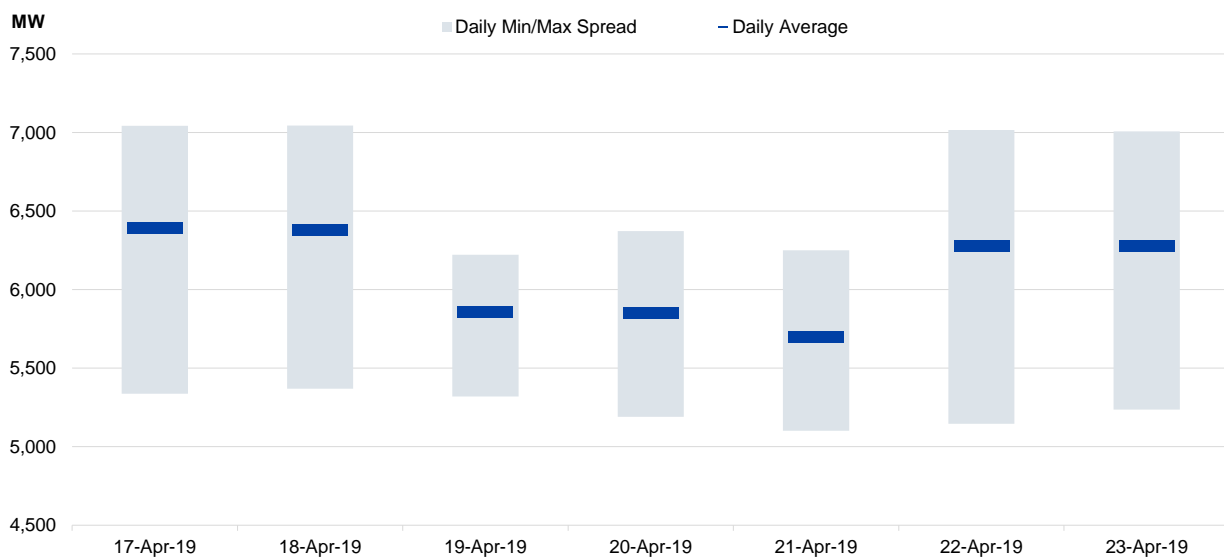


Figure 7: Daily Generation Plant Utilization Rate

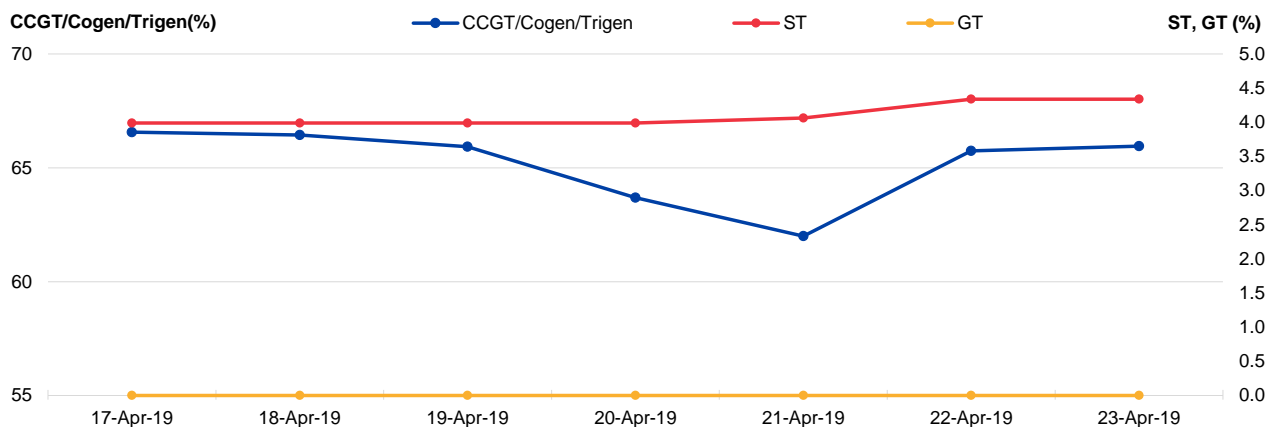


Figure 8: Daily Trading Data Table

	Wed 17-Apr-19	Thu 18-Apr-19	Fri 19-Apr-19	Sat 20-Apr-19	Sun 21-Apr-19	Mon 22-Apr-19	Tue 23-Apr-19
Forecasted Demand (MW)							
Daily Average	6,392	6,379	5,858	5,850	5,700	6,279	6,277
Daily Maximum	7,043	7,044	6,221	6,373	6,250	7,017	7,007
Daily Minimum	5,336	5,369	5,320	5,190	5,101	5,146	5,235
Total Supply (MW)							
Daily Average	8,326	8,233	7,785	7,736	7,768	8,331	8,167
Daily Maximum	8,553	8,553	7,813	7,874	8,099	8,549	8,529
Daily Minimum	7,828	7,813	7,744	7,722	7,659	7,929	7,758
Energy Price (\$/MWh)							
Daily Average	110.05	107.41	105.11	113.76	94.46	102.11	110.71
Daily Maximum	134.84	115.32	121.15	282.73	116.56	117.46	284.22
Daily Minimum	89.75	85.07	90.29	83.79	81.86	81.23	93.82
Reserve & Regulation Prices (\$/MWh)							
Primary	0.03	0.07	0.05	0.06	0.03	0.03	0.03
Contingency	19.09	19.01	15.01	25.44	10.37	8.24	14.55
Regulation	18.28	15.37	13.37	24.86	8.78	9.69	15.15
Reserve & Regulation Requirement (MW)							
Primary	166	168	185	186	178	171	170
Contingency	611	616	614	611	602	607	601
Regulation	125	125	125	125	125	125	125
Generation (MW)							
CCGT/Cogen/Trigen	6,313	6,301	5,775	5,768	5,615	6,190	6,188
ST	115	115	115	115	117	125	125
GT	0	0	0	0	0	0	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	\$102.26	5,638	5,543	125	0
2	\$100.22	5,539	5,444	125	0
3	\$99.51	5,458	5,361	125	0
4	\$97.45	5,381	5,283	125	0
5	\$95.79	5,342	5,244	125	0
6	\$95.51	5,280	5,182	125	0
7	\$94.33	5,254	5,155	125	0
8	\$93.82	5,239	5,140	125	0
9	\$93.82	5,235	5,136	125	0
10	\$94.40	5,263	5,165	125	0
11	\$95.76	5,342	5,244	125	0
12	\$97.73	5,481	5,384	125	0
13	\$94.40	5,656	5,561	125	0
14	\$97.19	5,825	5,731	125	0
15	\$96.96	6,018	5,926	125	0
16	\$104.34	6,286	6,196	125	0
17	\$106.04	6,527	6,439	125	0
18	\$111.99	6,717	6,631	125	0
19	\$113.13	6,822	6,737	125	0
20	\$112.15	6,910	6,826	125	0
21	\$113.17	6,981	6,899	125	0
22	\$113.20	7,007	6,925	125	0
23	\$112.77	7,004	6,922	125	0
24	\$112.16	6,955	6,873	125	0
25	\$105.86	6,897	6,815	125	0
26	\$105.86	6,911	6,828	125	0
27	\$112.59	6,976	6,895	125	0
28	\$112.69	7,002	6,921	125	0
29	\$113.19	6,998	6,917	125	0
30	\$112.57	6,960	6,878	125	0
31	\$112.05	6,928	6,846	125	0
32	\$105.21	6,905	6,822	125	0
33	\$100.75	6,879	6,796	125	0
34	\$99.17	6,822	6,738	125	0
35	\$112.59	6,739	6,653	125	0
36	\$103.68	6,609	6,522	125	0
37	\$95.98	6,529	6,441	125	0
38	\$99.33	6,559	6,472	125	0
39	\$101.92	6,566	6,479	125	0
40	\$111.90	6,543	6,455	125	0
41	\$108.48	6,509	6,422	125	0
42	\$113.66	6,468	6,382	125	0
43	\$284.22	6,408	6,322	125	0
44	\$247.88	6,278	6,190	125	0
45	\$110.67	6,125	6,035	125	0
46	\$100.98	5,979	5,887	125	0
47	\$97.97	5,838	5,745	125	0
48	\$96.83	5,707	5,613	125	0

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