

Daily Trading Report

21 April 2019

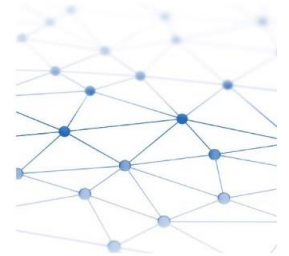
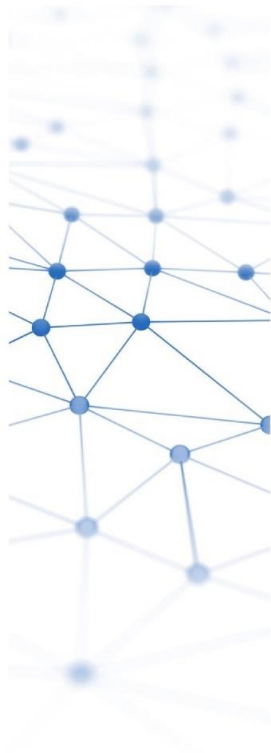


Figure 1: Forecasted Demand vs USEP

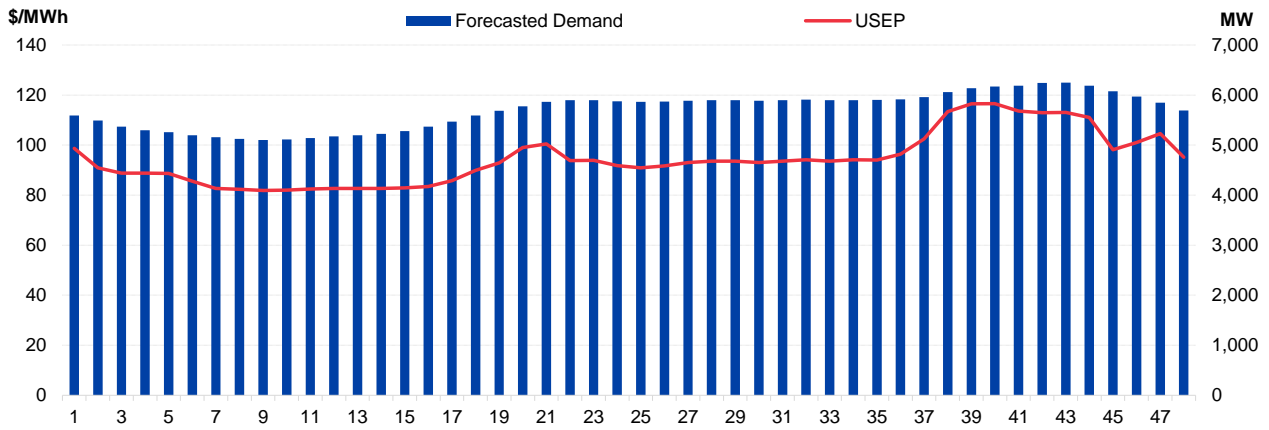


Figure 2: Periodic Ancillary Prices

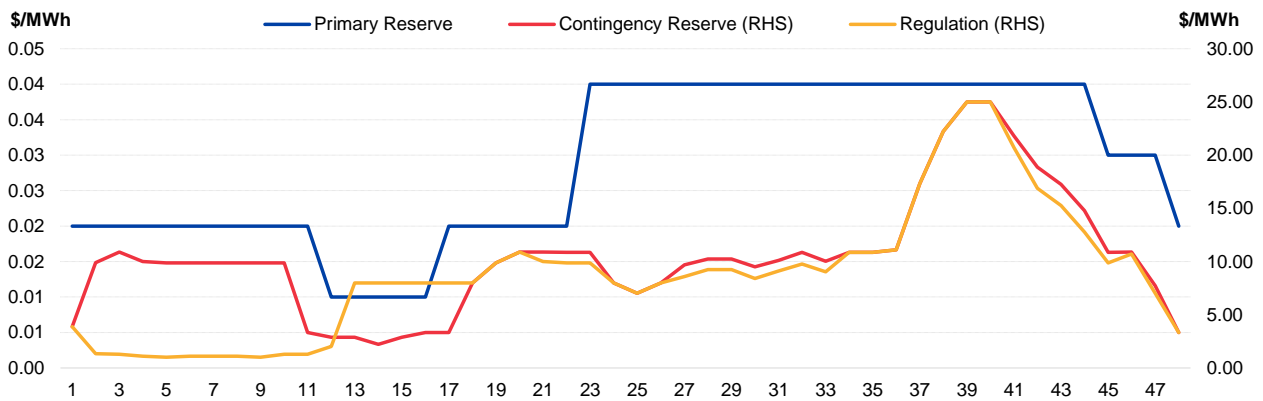


Figure 3: Daily Data Comparison

	Forecasted Demand (MW)	Total Supply (MW)	Energy Price (\$/MWh)
PHDay Ranking*	5 out of 1029	91 out of 1029	674 out of 1029
Daily Average	5,700	7,768	94.46
Previous day	5,850	7,736	113.76
Change (%)	-2.6%	0.4%	-17.0%
Daily Max	6,250	8,099	116.56
Previous day	6,373	7,874	282.73
Change (%)	-1.9%	2.9%	-58.8%
Daily Min	5,101	7,659	81.86
Previous day	5,190	7,722	83.79
Change (%)	-1.7%	-0.8%	-2.3%

	Primary Reserve Price (\$/MWh)	Contingency Reserve Price (\$/MWh)	Regulation Price (\$/MWh)
Daily Average	0.03	10.37	8.78
Previous day	0.06	25.44	24.86
Change (%)	-50.0%	-59.2%	-64.7%
Daily Max	0.04	25.00	25.00
Previous day	0.33	185.00	185.00
Change (%)	-87.9%	-86.5%	-86.5%
Daily Min	0.01	2.22	1.01
Previous day	0.01	0.86	1.00
Change (%)	0.0%	158.1%	1.0%

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

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

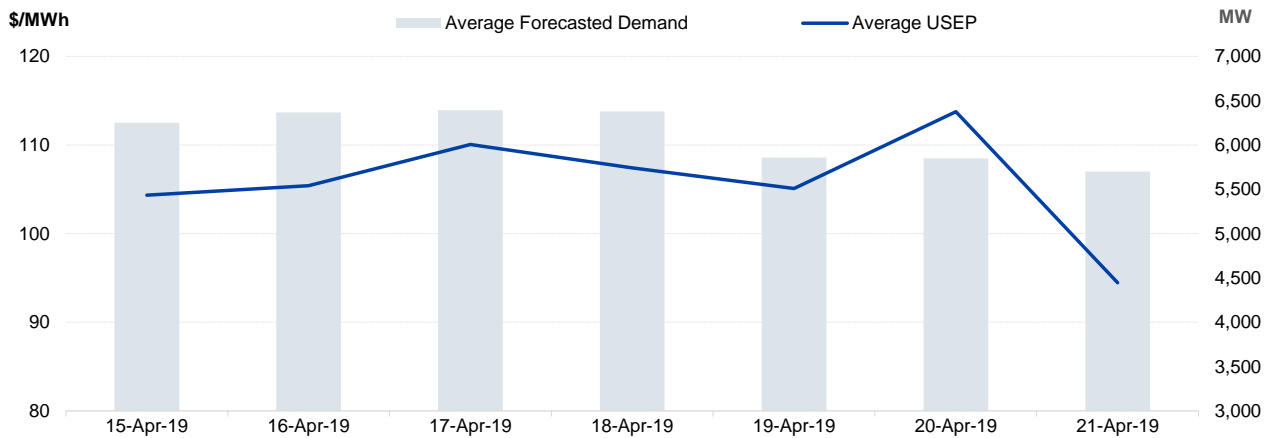


Figure 8: Seven Days USEP Average-Max-Min

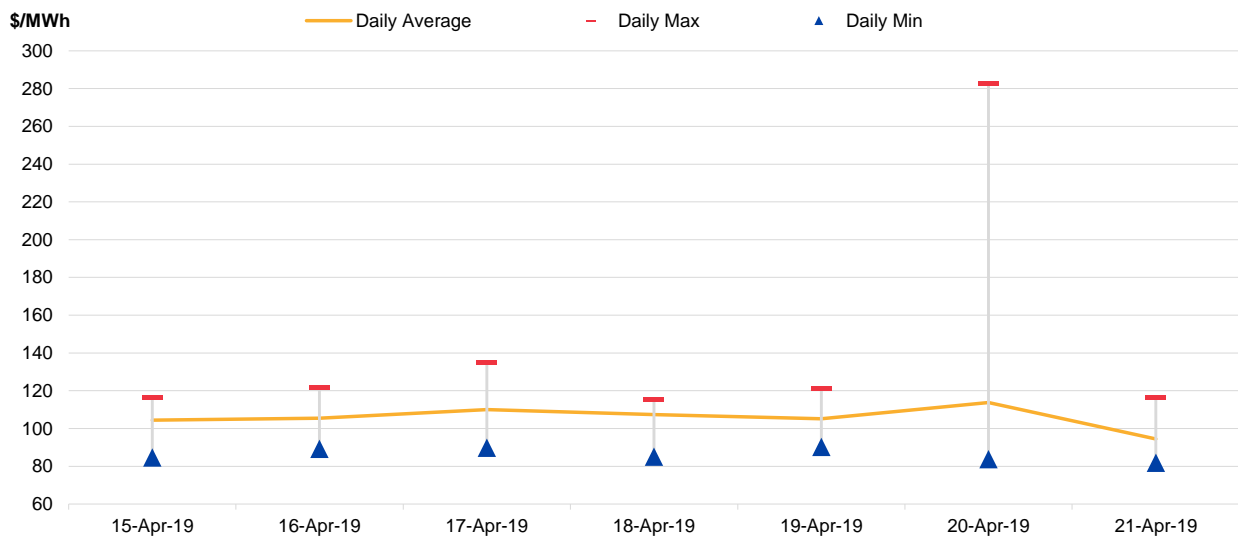


Figure 6: Seven Days Forecasted Demand Average-Max-Min

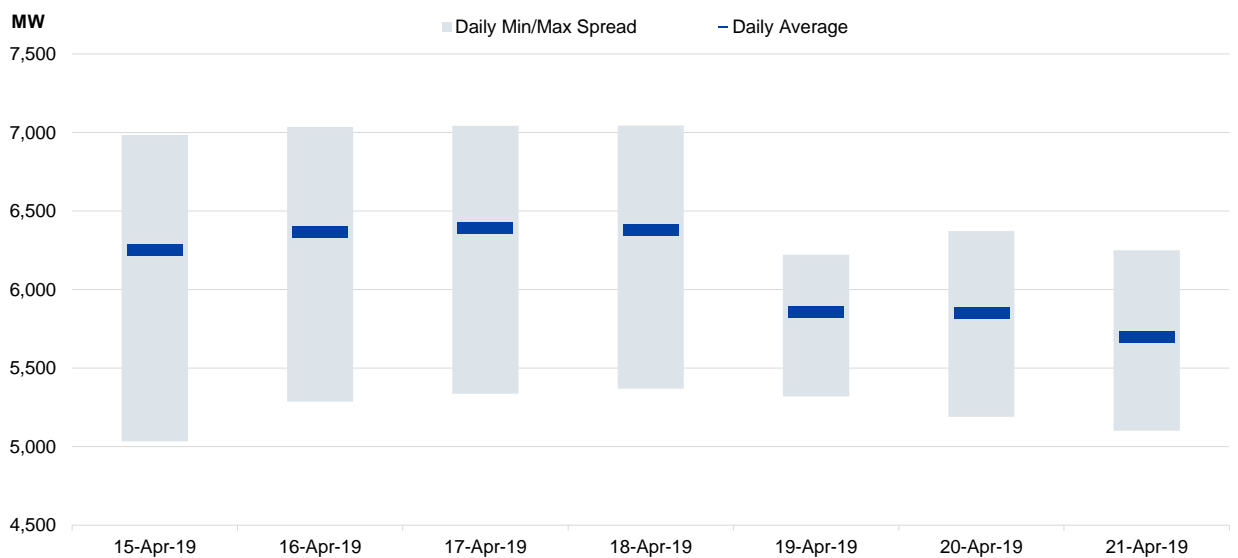


Figure 7: Daily Generation Plant Utilization Rate

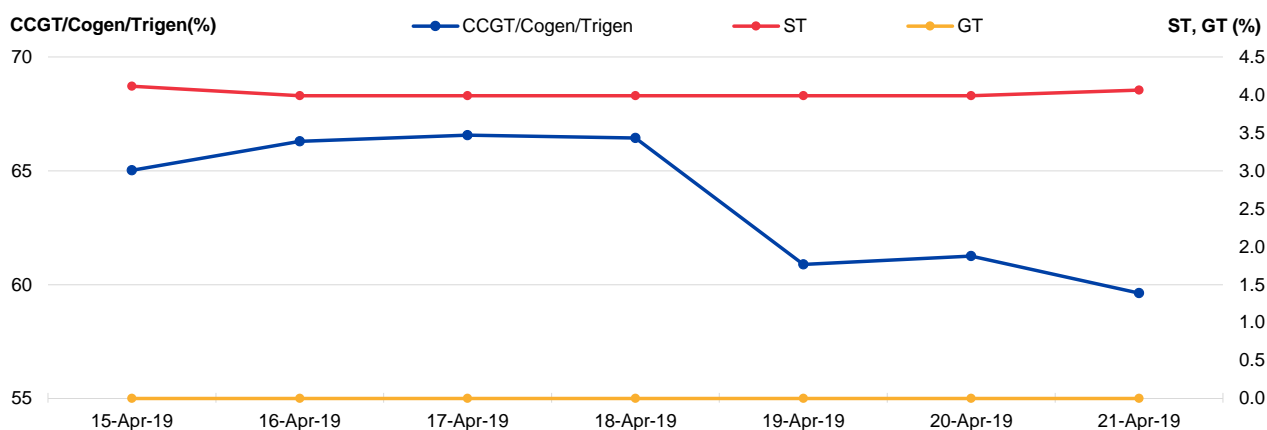


Figure 8: Daily Trading Data Table

	Mon 15-Apr-19	Tue 16-Apr-19	Wed 17-Apr-19	Thu 18-Apr-19	Fri 19-Apr-19	Sat 20-Apr-19	Sun 21-Apr-19
Forecasted Demand (MW)							
Daily Average	6,250	6,366	6,392	6,379	5,858	5,850	5,700
Daily Maximum	6,984	7,036	7,043	7,044	6,221	6,373	6,250
Daily Minimum	5,035	5,288	5,336	5,369	5,320	5,190	5,101
Total Supply (MW)							
Daily Average	8,214	8,352	8,326	8,233	7,785	7,736	7,768
Daily Maximum	8,563	8,553	8,553	8,553	7,813	7,874	8,099
Daily Minimum	7,657	7,987	7,828	7,813	7,744	7,722	7,659
Energy Price (\$/MWh)							
Daily Average	104.35	105.42	110.05	107.41	105.11	113.76	94.46
Daily Maximum	116.25	121.65	134.84	115.32	121.15	282.73	116.56
Daily Minimum	84.59	89.29	89.75	85.07	90.29	83.79	81.86
Reserve & Regulation Prices (\$/MWh)							
Primary	0.02	0.02	0.03	0.07	0.05	0.06	0.03
Contingency	14.91	16.21	19.09	19.01	15.01	25.44	10.37
Regulation	14.03	14.70	18.28	15.37	13.37	24.86	8.78
Reserve & Regulation Requirement (MW)							
Primary	166	162	166	168	185	186	178
Contingency	611	608	611	616	614	611	602
Regulation	125	125	125	125	125	125	125
Generation (MW)							
CCGT/Cogen/Trigen	6,166	6,287	6,313	6,301	5,775	5,768	5,615
ST	118	115	115	115	115	115	117
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	\$98.65	5,591	5,507	115	0
2	\$90.86	5,493	5,407	115	0
3	\$88.84	5,371	5,284	115	0
4	\$88.77	5,298	5,211	115	0
5	\$88.68	5,258	5,171	115	0
6	\$85.58	5,195	5,106	115	0
7	\$82.62	5,157	5,068	115	0
8	\$82.29	5,124	5,036	115	0
9	\$81.86	5,101	5,012	115	0
10	\$82.01	5,114	5,025	115	0
11	\$82.46	5,139	5,049	115	0
12	\$82.61	5,174	5,085	115	0
13	\$82.63	5,199	5,110	115	0
14	\$82.71	5,222	5,134	115	0
15	\$82.87	5,277	5,189	115	0
16	\$83.39	5,370	5,283	115	0
17	\$85.78	5,468	5,381	115	0
18	\$89.88	5,592	5,506	115	0
19	\$92.85	5,688	5,603	115	0
20	\$98.99	5,777	5,694	115	0
21	\$100.44	5,864	5,782	115	0
22	\$93.80	5,895	5,813	115	0
23	\$93.91	5,895	5,812	115	0
24	\$91.75	5,876	5,794	115	0
25	\$90.95	5,861	5,779	115	0
26	\$91.70	5,869	5,787	115	0
27	\$93.02	5,888	5,806	115	0
28	\$93.53	5,899	5,817	115	0
29	\$93.54	5,896	5,814	115	0
30	\$93.04	5,887	5,805	115	0
31	\$93.54	5,896	5,814	115	0
32	\$94.17	5,909	5,828	115	0
33	\$93.54	5,897	5,816	115	0
34	\$94.17	5,895	5,813	115	0
35	\$94.02	5,901	5,820	115	0
36	\$96.33	5,912	5,831	115	0
37	\$102.47	5,959	5,878	115	0
38	\$113.36	6,057	5,977	115	0
39	\$116.54	6,139	6,051	125	0
40	\$116.56	6,170	6,081	125	0
41	\$113.60	6,188	6,099	125	0
42	\$112.99	6,241	6,152	125	0
43	\$113.00	6,250	6,162	125	0
44	\$111.08	6,188	6,099	125	0
45	\$98.13	6,073	5,983	125	0
46	\$101.03	5,969	5,879	125	0
47	\$104.61	5,847	5,755	125	0
48	\$95.08	5,690	5,597	125	0

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