

Daily Trading Report

28 March 2019

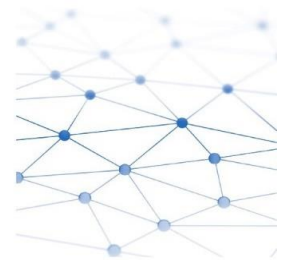
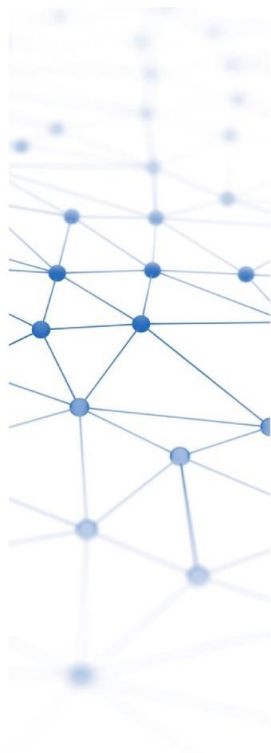


Figure 1: Forecasted Demand vs USEP

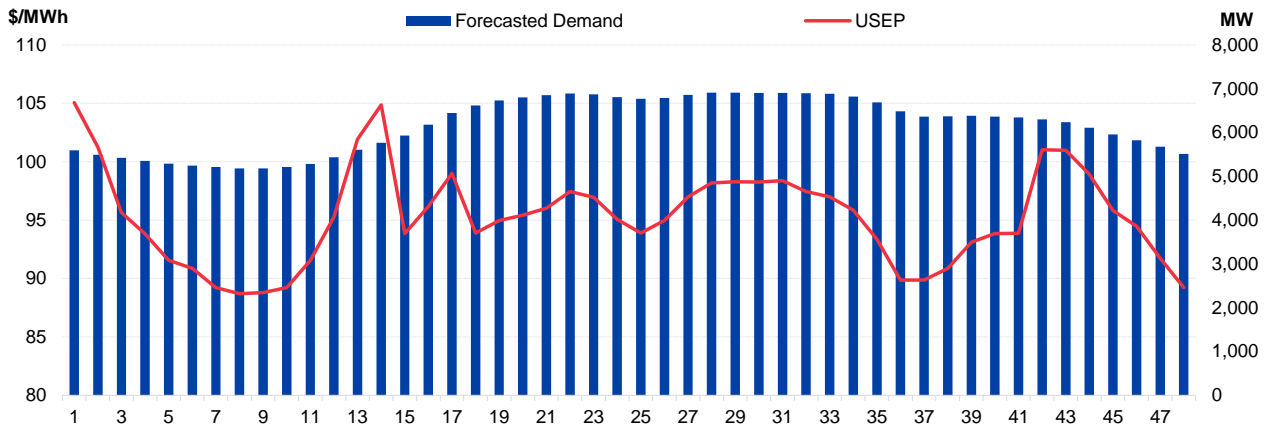


Figure 2: Periodic Ancillary Prices

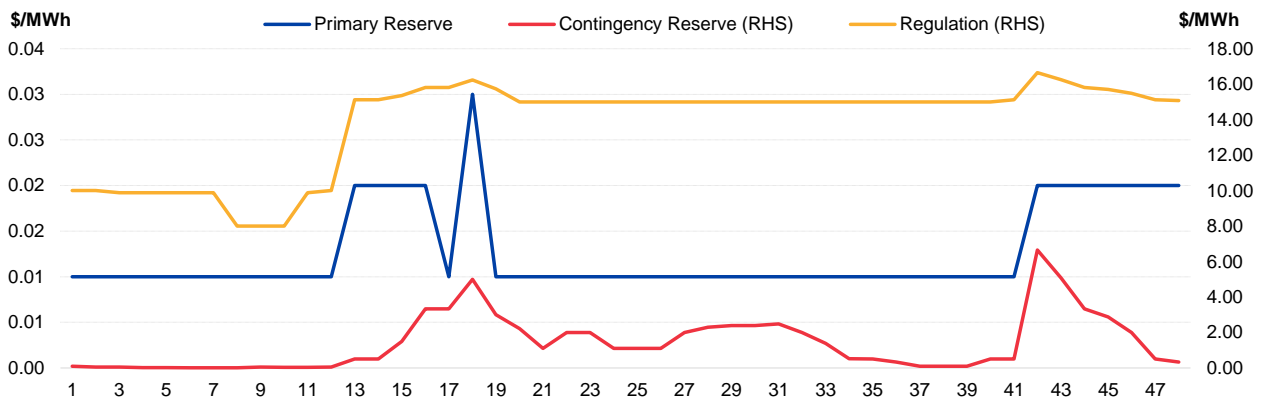


Figure 3: Daily Data Comparison

	Forecasted Demand (MW)	Total Supply (MW)	Energy Price (\$/MWh)
Weekday Ranking*	52 out of 4082	12 out of 4082	2764 out of 4082
Daily Average	6,182	8,675	95.27
Previous day	6,210	8,671	94.60
Change (%)	-0.5%	0.0%	0.7%
Daily Max	6,914	8,915	105.06
Previous day	6,858	8,915	106.88
Change (%)	0.8%	0.0%	-1.7%
Daily Min	5,183	8,373	88.70
Previous day	5,149	8,364	86.70
Change (%)	0.7%	0.1%	2.3%

	Primary Reserve Price (\$/MWh)	Contingency Reserve Price (\$/MWh)	Regulation Price (\$/MWh)
Daily Average	0.01	1.39	13.81
Previous day	0.01	1.25	12.10
Change (%)	0.0%	10.9%	14.1%
Daily Max	0.03	6.65	16.65
Previous day	0.02	11.10	17.77
Change (%)	50.0%	-40.1%	-6.3%
Daily Min	0.01	0.01	8.00
Previous day	0.01	0.01	2.02
Change (%)	0.0%	0.0%	296.0%

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

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

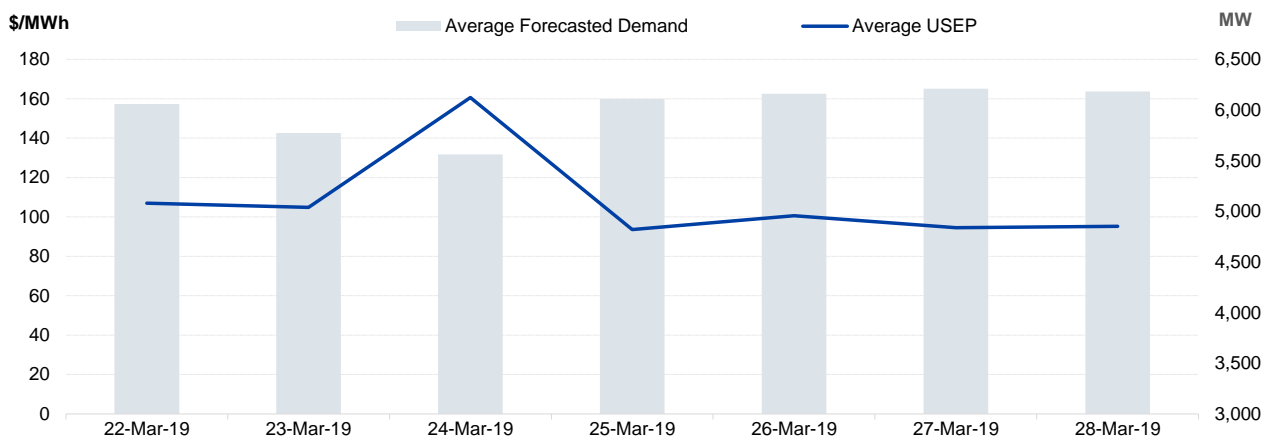


Figure 8: Seven Days USEP Average-Max-Min

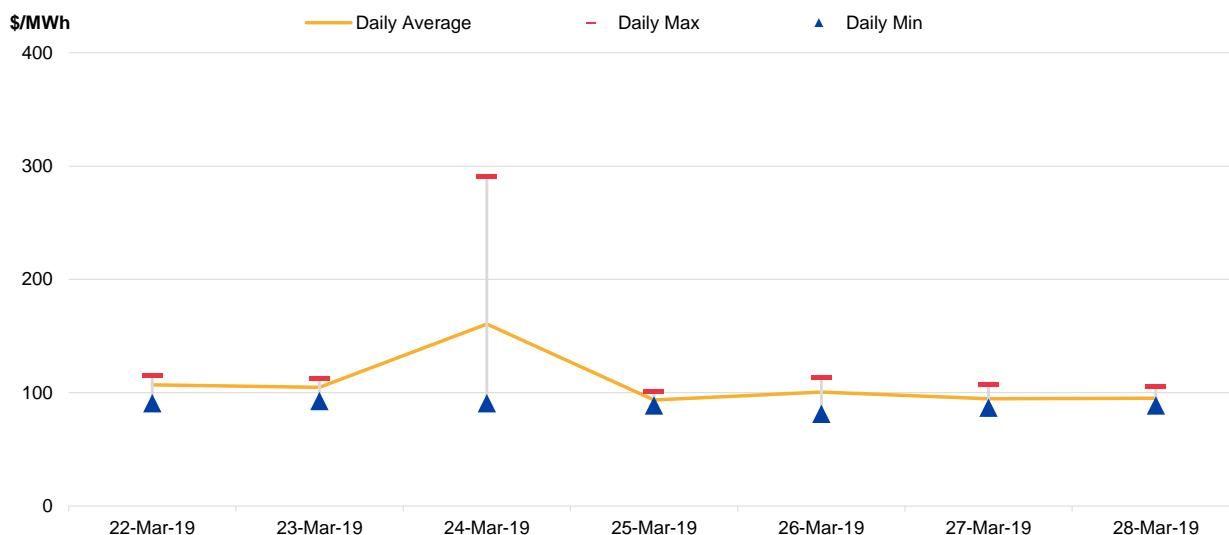


Figure 6: Seven Days Forecasted Demand Average-Max-Min

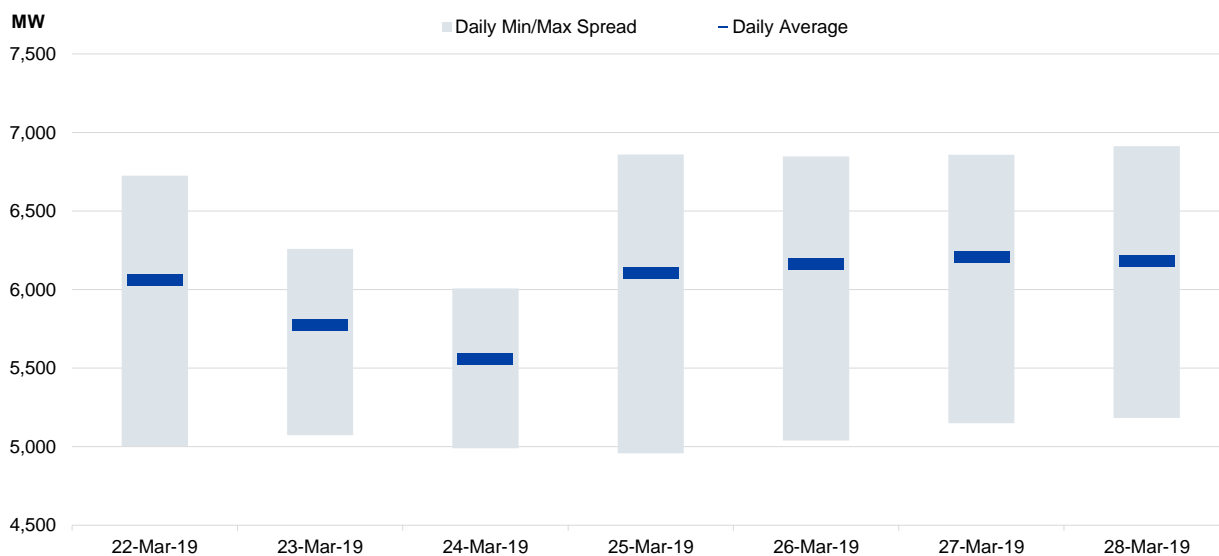


Figure 7: Daily Generation Plant Utilization Rate

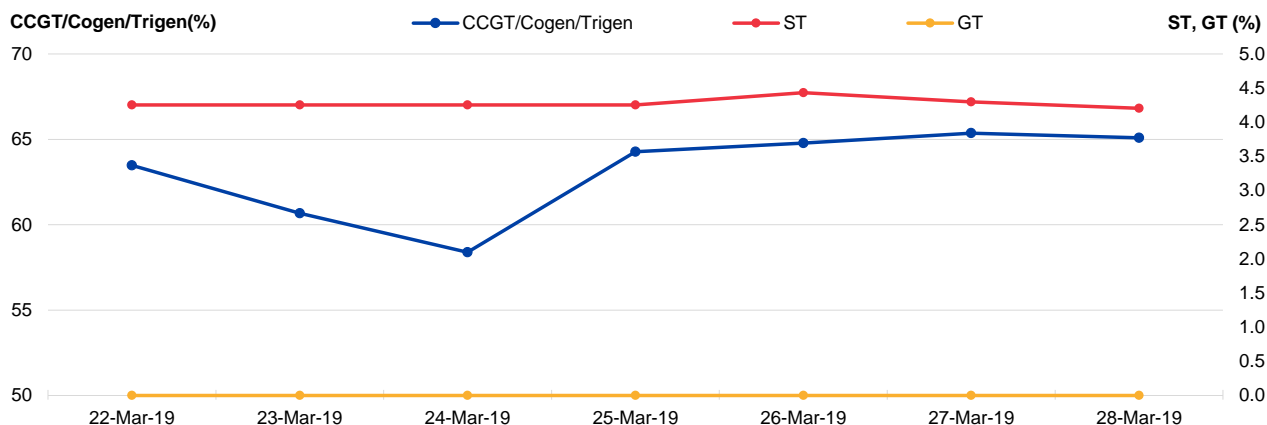


Figure 8: Daily Trading Data Table

	Fri 22-Mar-19	Sat 23-Mar-19	Sun 24-Mar-19	Mon 25-Mar-19	Tue 26-Mar-19	Wed 27-Mar-19	Thu 28-Mar-19
Forecasted Demand (MW)							
Daily Average	6,059	5,773	5,561	6,107	6,160	6,210	6,182
Daily Maximum	6,726	6,259	6,008	6,860	6,847	6,858	6,914
Daily Minimum	5,004	5,073	4,989	4,958	5,039	5,149	5,183
Total Supply (MW)							
Daily Average	7,995	7,793	7,310	8,474	8,419	8,671	8,675
Daily Maximum	8,222	7,847	7,786	8,907	8,547	8,915	8,915
Daily Minimum	7,696	7,637	7,073	7,766	8,052	8,364	8,373
Energy Price (\$/MWh)							
Daily Average	106.93	104.82	160.62	93.60	100.69	94.60	95.27
Daily Maximum	114.73	112.80	291.04	101.07	113.64	106.88	105.06
Daily Minimum	90.69	92.72	90.82	88.73	81.39	86.70	88.70
Reserve & Regulation Prices (\$/MWh)							
Primary	0.02	0.02	0.02	0.01	0.02	0.01	0.01
Contingency	12.65	11.10	64.56	0.84	7.69	1.25	1.39
Regulation	21.13	17.44	84.99	11.85	14.80	12.10	13.81
Reserve & Regulation Requirement (MW)							
Primary	170	186	192	160	159	151	155
Contingency	616	611	605	585	593	587	588
Regulation	125	125	125	125	125	125	125
Generation (MW)							
CCGT/Cogen/Trigen	5,969	5,681	5,467	6,018	6,066	6,120	6,094
ST	122	122	122	122	127	123	120
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	\$105.06	5,595	5,503	120	0
2	\$101.24	5,495	5,403	120	0
3	\$95.66	5,423	5,331	120	0
4	\$93.82	5,352	5,258	120	0
5	\$91.57	5,291	5,196	120	0
6	\$90.86	5,245	5,150	120	0
7	\$89.22	5,214	5,119	120	0
8	\$88.70	5,183	5,088	120	0
9	\$88.80	5,185	5,089	120	0
10	\$89.22	5,213	5,118	120	0
11	\$91.56	5,285	5,190	120	0
12	\$95.25	5,439	5,345	120	0
13	\$101.93	5,608	5,516	120	0
14	\$104.88	5,766	5,675	120	0
15	\$93.85	5,934	5,844	120	0
16	\$96.16	6,183	6,095	120	0
17	\$99.01	6,450	6,365	120	0
18	\$93.90	6,621	6,537	120	0
19	\$94.96	6,732	6,649	120	0
20	\$95.43	6,802	6,720	120	0
21	\$96.02	6,853	6,771	120	0
22	\$97.45	6,895	6,814	120	0
23	\$96.96	6,873	6,792	120	0
24	\$95.07	6,810	6,728	120	0
25	\$93.90	6,770	6,688	120	0
26	\$94.97	6,790	6,709	120	0
27	\$97.00	6,863	6,782	120	0
28	\$98.18	6,914	6,833	120	0
29	\$98.28	6,910	6,830	120	0
30	\$98.27	6,905	6,825	120	0
31	\$98.37	6,906	6,825	120	0
32	\$97.46	6,898	6,817	120	0
33	\$97.00	6,886	6,805	120	0
34	\$95.85	6,820	6,739	120	0
35	\$93.34	6,689	6,605	120	0
36	\$89.87	6,484	6,399	120	0
37	\$89.86	6,366	6,280	120	0
38	\$90.86	6,371	6,285	120	0
39	\$93.11	6,380	6,295	120	0
40	\$93.86	6,366	6,280	120	0
41	\$93.87	6,343	6,257	120	0
42	\$101.02	6,302	6,216	120	0
43	\$100.97	6,234	6,143	125	0
44	\$98.94	6,111	6,019	125	0
45	\$95.82	5,960	5,866	125	0
46	\$94.47	5,822	5,727	125	0
47	\$91.73	5,680	5,583	125	0
48	\$89.23	5,514	5,416	125	0

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