

Daily Trading Report

12 March 2019

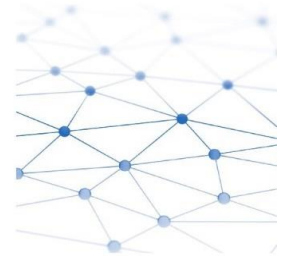
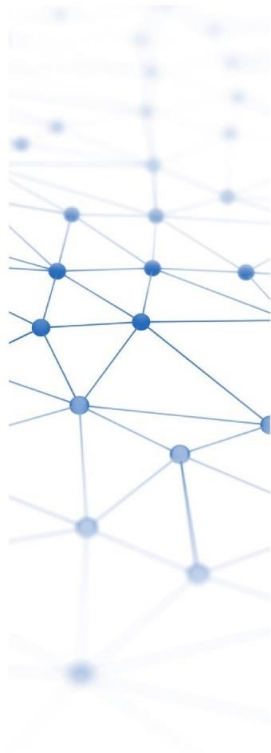


Figure 1: Forecasted Demand vs USEP

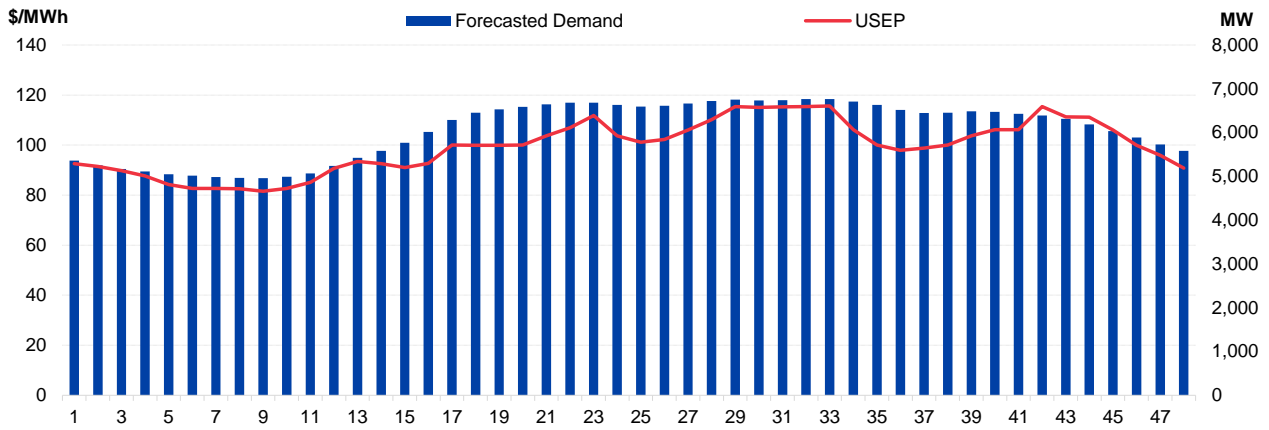


Figure 2: Periodic Ancillary Prices

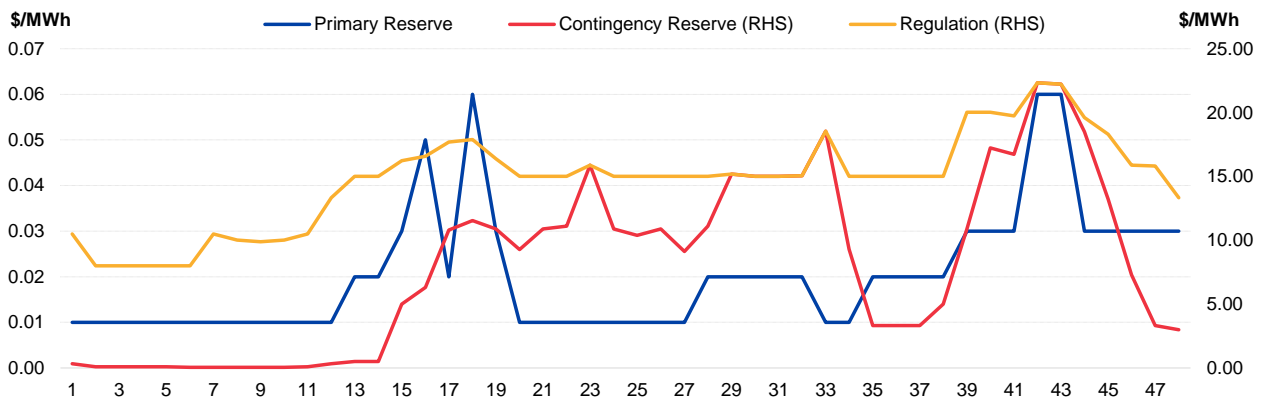


Figure 3: Daily Data Comparison

	Forecasted Demand (MW)	Total Supply (MW)	Energy Price (\$/MWh)
Weekday Ranking*	174 out of 4070	304 out of 4070	2642 out of 4070
Daily Average	6,063	8,267	99.48
Previous day	6,096	8,194	103.40
Change (%)	-0.5%	0.9%	-3.8%
Daily Max	6,767	8,521	115.63
Previous day	6,889	8,521	116.23
Change (%)	-1.8%	0.0%	-0.5%
Daily Min	4,962	7,936	81.55
Previous day	4,987	7,613	88.64
Change (%)	-0.5%	4.2%	-8.0%

	Primary Reserve Price (\$/MWh)	Contingency Reserve Price (\$/MWh)	Regulation Price (\$/MWh)
Daily Average	0.02	8.01	14.72
Previous day	0.02	9.01	15.71
Change (%)	0.0%	-11.2%	-6.3%
Daily Max	0.06	22.33	22.33
Previous day	0.06	22.22	23.65
Change (%)	0.0%	0.5%	-5.6%
Daily Min	0.01	0.05	8.00
Previous day	0.01	0.50	9.88
Change (%)	0.0%	-90.0%	-19.0%

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

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

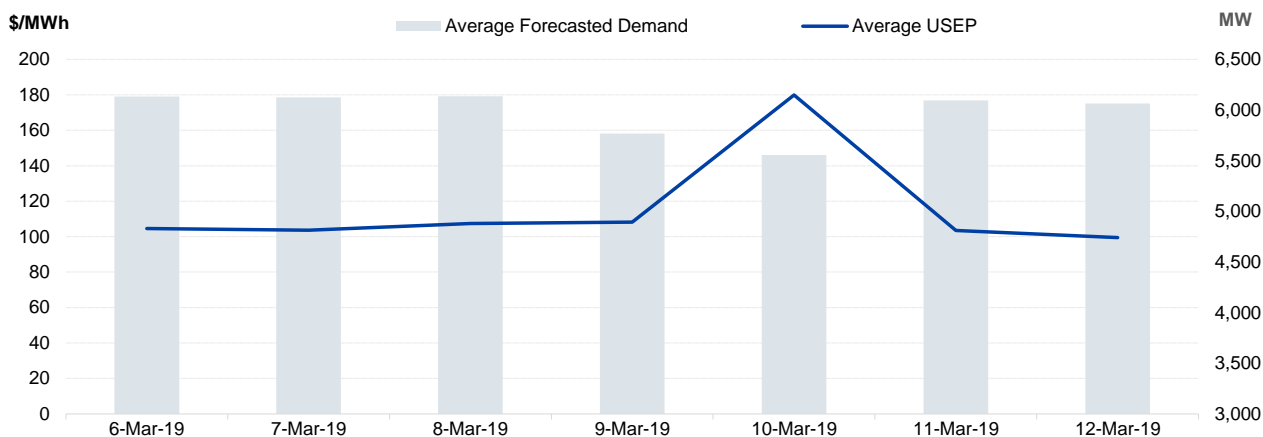


Figure 8: Seven Days USEP Average-Max-Min

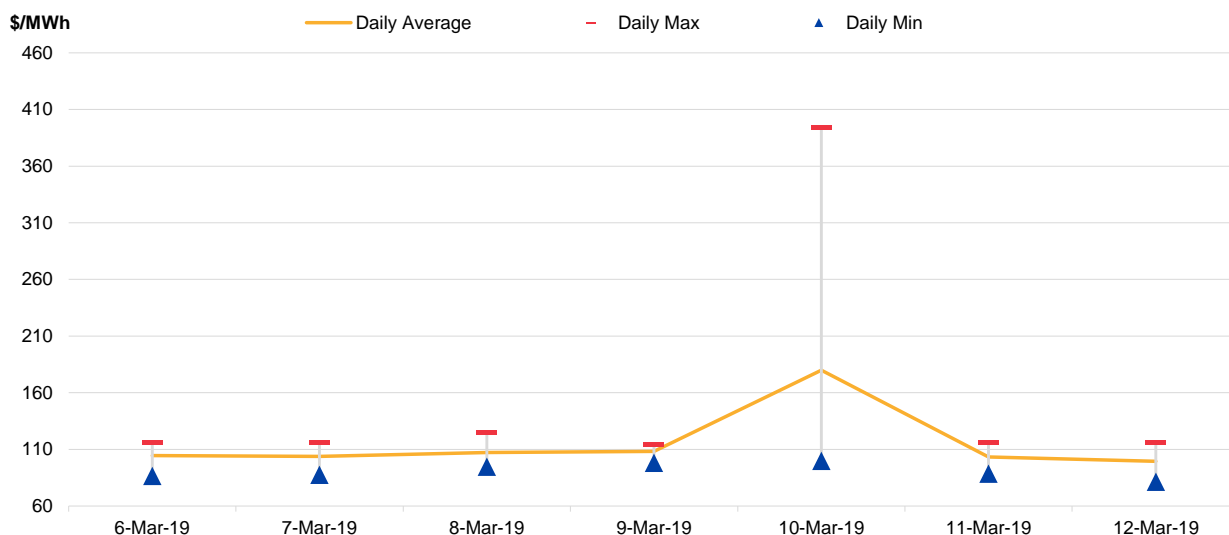


Figure 6: Seven Days Forecasted Demand Average-Max-Min

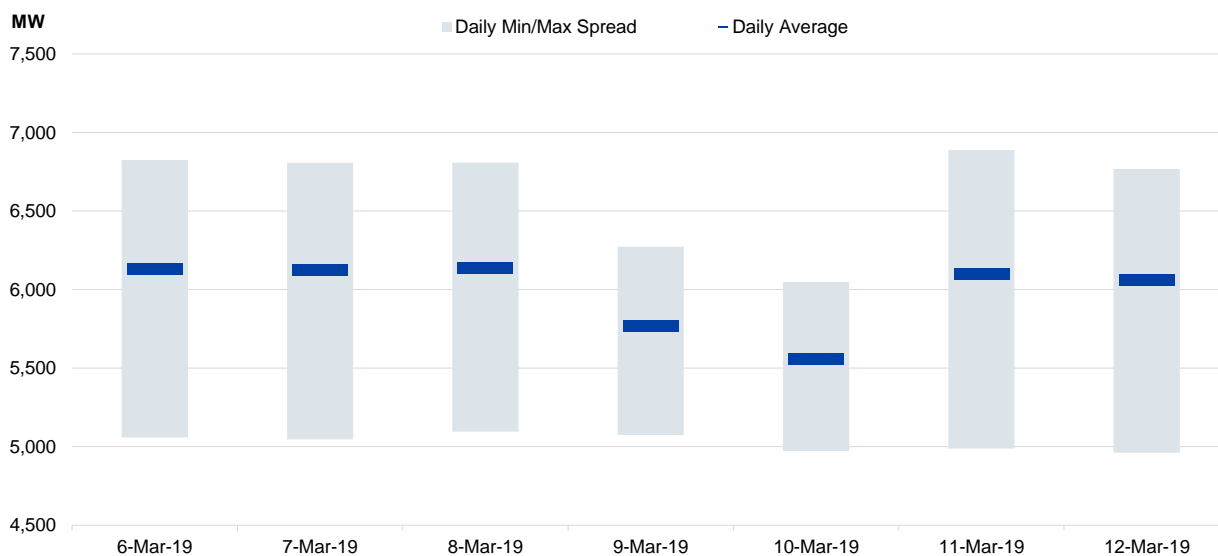


Figure 7: Daily Generation Plant Utilization Rate

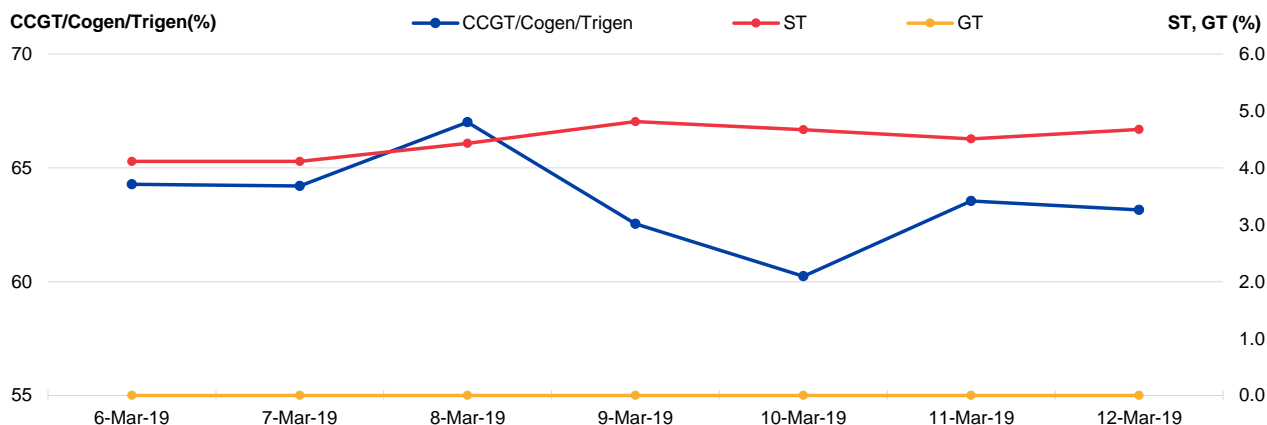


Figure 8: Daily Trading Data Table

	Wed 06-Mar-19	Thu 07-Mar-19	Fri 08-Mar-19	Sat 09-Mar-19	Sun 10-Mar-19	Mon 11-Mar-19	Tue 12-Mar-19
Forecasted Demand (MW)							
Daily Average	6,133	6,125	6,136	5,768	5,557	6,096	6,063
Daily Maximum	6,823	6,807	6,808	6,274	6,048	6,889	6,767
Daily Minimum	5,059	5,046	5,096	5,074	4,971	4,987	4,962
Total Supply (MW)							
Daily Average	8,176	8,158	8,092	8,036	7,329	8,194	8,267
Daily Maximum	8,524	8,517	8,546	8,183	7,614	8,521	8,521
Daily Minimum	7,781	7,437	7,439	7,620	7,047	7,613	7,936
Energy Price (\$/MWh)							
Daily Average	104.52	103.69	107.34	108.13	179.91	103.40	99.48
Daily Maximum	115.99	116.23	124.91	114.39	393.84	116.23	115.63
Daily Minimum	86.62	87.65	94.73	98.03	99.89	88.64	81.55
Reserve & Regulation Prices (\$/MWh)							
Primary	0.02	0.02	0.03	0.03	0.14	0.02	0.02
Contingency	10.88	9.23	7.89	7.20	73.82	9.01	8.01
Regulation	15.75	14.83	17.19	16.63	95.46	15.71	14.72
Reserve & Regulation Requirement (MW)							
Primary	172	168	175	190	203	173	167
Contingency	591	591	598	610	612	607	591
Regulation	125	125	125	125	125	125	125
Generation (MW)							
CCGT/Cogen/Trigen	6,049	6,042	6,043	5,660	5,452	6,000	5,963
ST	118	118	127	138	133	129	134
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	\$92.60	5,360	5,254	134	0
2	\$91.41	5,254	5,147	134	0
3	\$89.76	5,167	5,059	134	0
4	\$87.66	5,109	5,000	134	0
5	\$84.25	5,050	4,941	134	0
6	\$82.67	5,014	4,904	134	0
7	\$82.66	4,984	4,873	134	0
8	\$82.59	4,965	4,854	134	0
9	\$81.55	4,962	4,852	134	0
10	\$82.66	4,991	4,881	134	0
11	\$85.09	5,070	4,960	134	0
12	\$90.68	5,238	5,129	134	0
13	\$93.43	5,421	5,314	134	0
14	\$92.62	5,580	5,475	134	0
15	\$90.99	5,764	5,659	134	0
16	\$92.73	6,012	5,910	134	0
17	\$99.99	6,290	6,191	134	0
18	\$99.95	6,452	6,354	134	0
19	\$99.96	6,530	6,433	134	0
20	\$100.01	6,585	6,489	134	0
21	\$103.68	6,644	6,548	134	0
22	\$106.97	6,682	6,587	134	0
23	\$111.81	6,685	6,590	134	0
24	\$103.68	6,632	6,537	134	0
25	\$101.14	6,594	6,499	134	0
26	\$102.22	6,610	6,515	134	0
27	\$105.98	6,664	6,570	134	0
28	\$110.15	6,719	6,625	134	0
29	\$115.41	6,752	6,659	134	0
30	\$115.01	6,731	6,638	134	0
31	\$115.23	6,743	6,650	134	0
32	\$115.41	6,763	6,670	134	0
33	\$115.63	6,767	6,675	134	0
34	\$106.14	6,710	6,616	134	0
35	\$100.06	6,630	6,535	134	0
36	\$97.92	6,518	6,423	134	0
37	\$98.82	6,446	6,349	134	0
38	\$100.01	6,453	6,356	134	0
39	\$103.70	6,486	6,391	134	0
40	\$106.11	6,475	6,379	134	0
41	\$106.11	6,429	6,333	134	0
42	\$115.38	6,387	6,292	134	0
43	\$111.23	6,313	6,216	134	0
44	\$111.13	6,186	6,087	134	0
45	\$106.04	6,035	5,936	134	0
46	\$99.93	5,884	5,783	134	0
47	\$95.87	5,731	5,629	134	0
48	\$90.77	5,579	5,474	134	0

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