

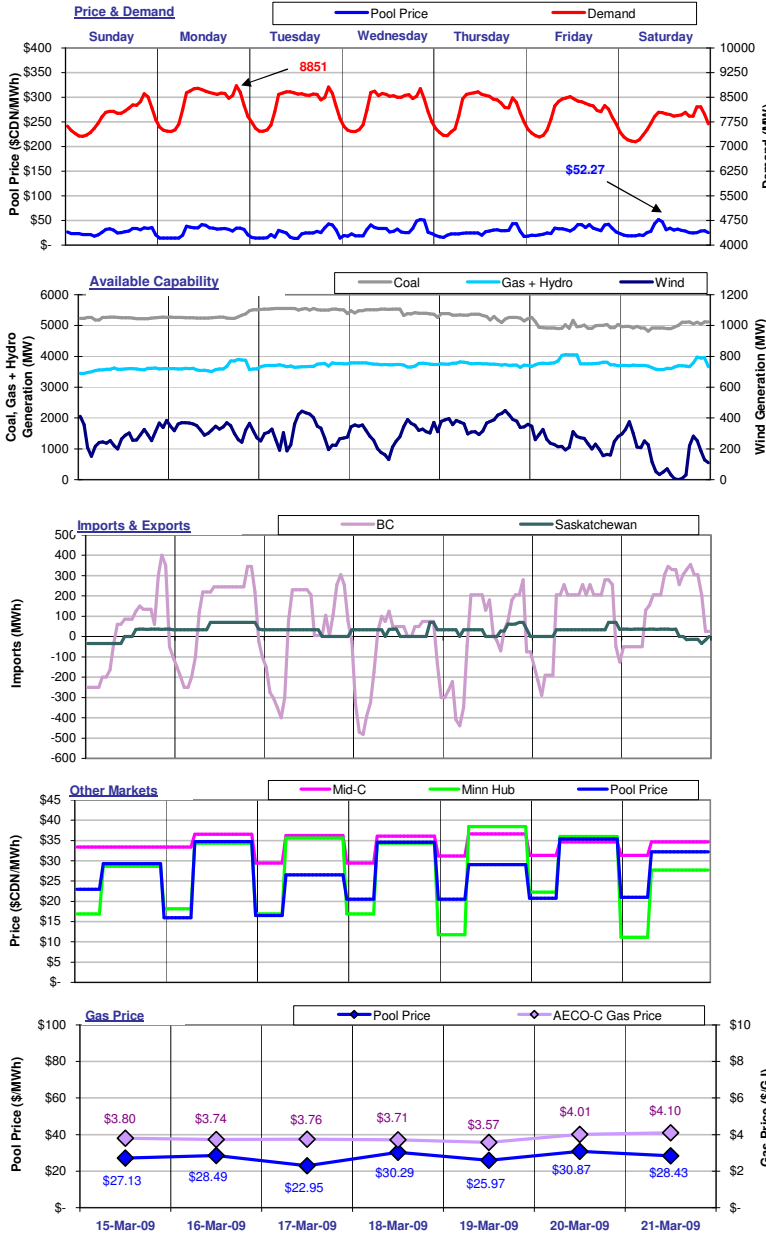


The Market Monitor

WATCHING THE MARKET : your fact source

Week Ending March 21, 2009

Weekly Highlights



For the week ending March 21, 2009, **Pool Price** averaged \$27.73/MWh and ranged from a minimum of \$13.47/MWh in HE13 on Tuesday to a maximum of \$52.27/MWh in HE11 on Saturday. **Demand** reached a high of 8851 MW in HE21 on Monday and a low of 7147 MW in HE05 on Saturday. Average demand for the week was 8088 MW. **Pool Price** and **Demand** were positively correlated last week with an R-squared value of 0.36.

Coal Unit Availability averaged 5253 MW last week. This is an equivalent availability of 87%. **Gas, Hydro and Other Unit Availability** averaged 3705 MW last week, which is an equivalent of 71%. **Wind Generation** averaged 281 MW last week. This is an equivalent availability of 57%. Availability numbers are based on MW offered into the energy merit order.

Alberta was a net importer from BC last week with total imports equal to 8,198 MWh. Alberta was a net importer from Saskatchewan last week with total imports equal to 4,358 MWh. Overall, Alberta imported 12,556 MWh of electricity last week.

Pool Prices were generally lower than prices in **Mid-C** and lower than prices in **Minn Hub** last week. **Mid-C** prices averaged \$35.79/MWh on-peak and \$31.37/MWh off-peak. **Minn Hub** prices averaged \$34.41/MWh on-peak and \$16.27/MWh off-peak.

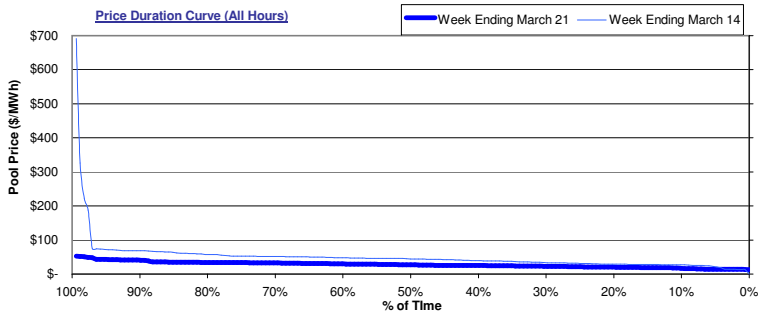
Prices in \$/MWh at an exchange rate of 1.27227.

The average **AECO-C Gas Price** last week was \$3.81/GJ and ranged from a minimum of \$3.57/GJ to \$4.10/GJ. Prevailing gas prices resulted in market heat rates ranging from a low of 6.11 GJ/MWh to a high of 8.17 GJ/MWh. The average market heat rate for the week was 7.28 GJ/MWh.

Wholesale Market

Weekly Market Statistics

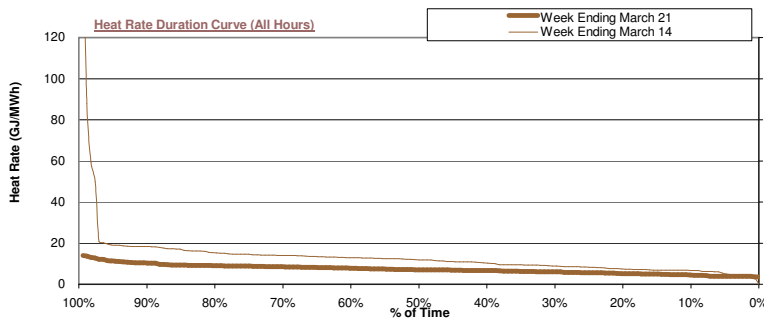
	Sunday 15-Mar	Monday 16-Mar	Tuesday 17-Mar	Wednesday 18-Mar	Thursday 19-Mar	Friday 20-Mar	Saturday 21-Mar	Average	Last Week	% Change	YTD
Pool Price											
Average	\$ 27.13	\$ 28.49	\$ 22.95	\$ 30.29	\$ 25.97	\$ 30.87	\$ 28.43	\$ 27.73	\$ 50.77	-45.4%	\$ 64.99
On-Peak	NA	\$ 34.78	\$ 26.56	\$ 34.61	\$ 29.05	\$ 35.37	\$ 32.25	\$ 32.10	\$ 60.79	-47.2%	\$ 77.41
Off-Peak	\$ 27.13	\$ 15.92	\$ 15.72	\$ 21.66	\$ 19.80	\$ 21.86	\$ 20.80	\$ 21.90	\$ 37.41	-41.4%	\$ 48.35
COV	0.20	0.34	0.38	0.33	0.27	0.25	0.31	0.29	0.56	-47.3%	
Heat Rate											
Average	7.14	7.62	6.11	8.17	7.28	7.69	6.93	7.28	12.49	-41.7%	13.62
On-Peak	NA	9.30	7.07	9.33	8.15	8.81	7.86	8.42	14.90	-43.5%	16.22
Off-Peak	7.14	4.26	4.19	5.84	5.55	5.45	5.07	5.75	9.27	-38.0%	10.13
Demand											
Average	7,899	8,309	8,273	8,236	8,141	8,017	7,741	8,088	8,337	-3.0%	8,374
Minimum	7,308	7,462	7,467	7,460	7,327	7,293	7,147	7,352	6,619	11.1%	7,147
Maximum	8,611	8,851	8,809	8,765	8,667	8,516	8,207	8,632	8,923	-3.3%	9,753
Coal Unit Availability											
Average	5,243	5,294	5,523	5,451	5,288	4,985	4,988	5,253	5,009		4,974
AC/MC	87%	88%	92%	91%	88%	83%	83%	87%	87%	0.4%	83%
Gas, Hydro and Other Unit Availability											
Average	3,567	3,644	3,709	3,743	3,747	3,821	3,705	3,705	3,770	-4.4%	3,808
AC/MC	68%	70%	71%	72%	72%	73%	71%	71%	75%	-4.4%	73%



The price duration curves show the % of time that prices were at or below a certain value during the week.

For the week ending **March 21**, prices were at or below:

- \$20/MWh 18% of the time
- \$50/MWh 98% of the time
- \$100/MWh 100% of the time
- \$250/MWh 100% of the time
- \$500/MWh 100% of the time



The heat rate duration curves show the % of time that the implied market heat rate was at or below a certain value during the week. For the week ending **March 21** implied market heat rates were at or below:

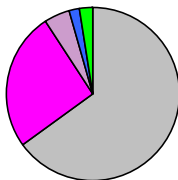
- 5.0 GJ/MWh 17% of the time
- 10.0 GJ/MWh 89% of the time
- 15.0 GJ/MWh 100% of the time
- 20.0 GJ/MWh 100% of the time

Market Share Statistics

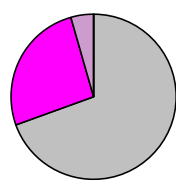
By Fuel Type:

Coal Gas - Cogen Gas - Other Hydro Other

Weekly Generation by Fuel Type



Weekly Price Setting by Fuel Type



By Submitting Customer:

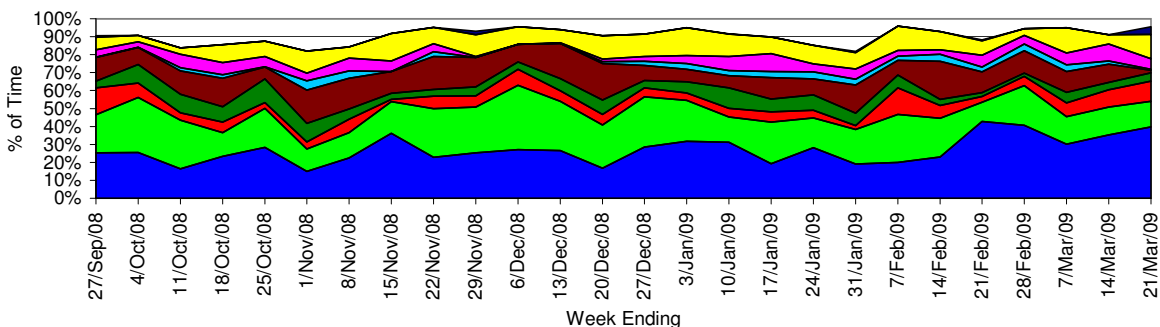
Weekly Price Setting by Submitting Customer



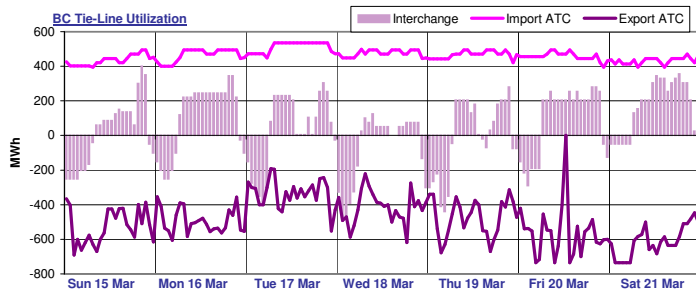
Last week, **coal units** were responsible for 65.0% of the generation in the province and set price 69.4% of the time. **Gas-cogen** units accounted for 25.8% of the generation and set price 26.3% of the time last week while **other gas** units made up 4.8% of generation and set price 4.4% of the time.

A total of **10** market participants set price last week. **One** market participants set price more than 20% of the time last week. The top price setter set price 39.7% of the time and the top five price setters set price a total of 84.6% of the time.

Weekly Price Setting by Submitting Customer

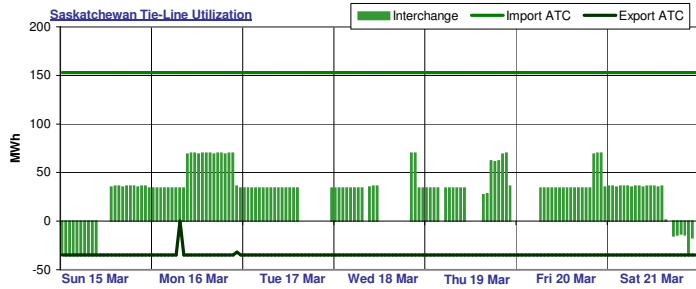


Interties

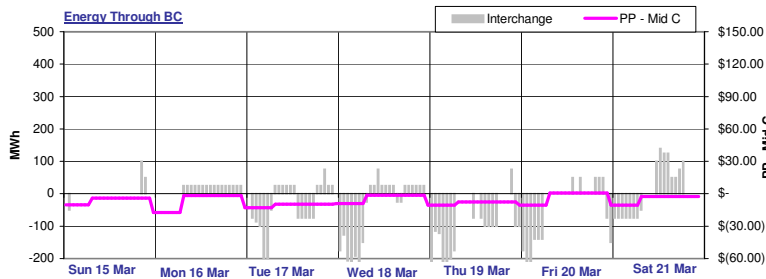


BC import capacity was 28% utilized last week while BC export capacity was 19% utilized. Energy was being imported into Alberta over the BC tie-line 64% of the time and exported out of Alberta over the BC tie-line 35% of the time last week. There was no activity on the BC tie-line 1% of the time last week.

Note: External reserve contract volumes have been subtracted from the BC import ATC as this capacity is not available to import energy into Alberta.



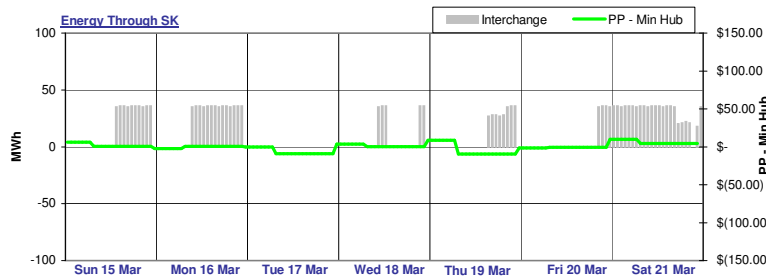
Saskatchewan import capacity was 20% utilized last week while Saskatchewan export capacity was 11% utilized. Energy was being imported into Alberta over the Saskatchewan tie-line 70% of the time and exported out of Alberta over the Saskatchewan tie-line 10% of the time last week. There was no activity on the Saskatchewan tie-line 20% of the time last week.



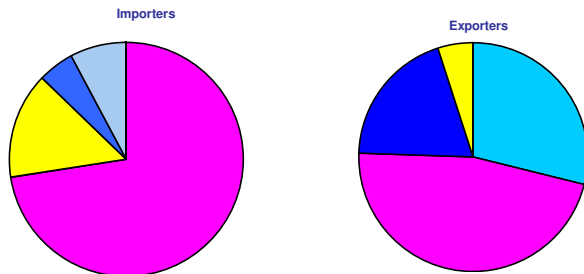
Last week, Alberta spot prices were mostly lower relative to prices in the Pacific Northwest as represented by Mid-C index prices, supporting export activity across the Alberta - BC interconnection.

Alberta prices were generally lower than prices in MAPP as represented by spot prices at the Minnesota Hub, which generally supports export activity across the Alberta - Saskatchewan interconnection.

Note: Platt's day-ahead strip prices used in energy through BC and SK graphs.



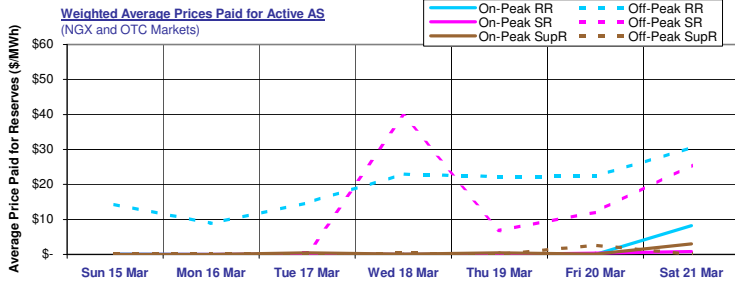
Tie-Line Market Shares



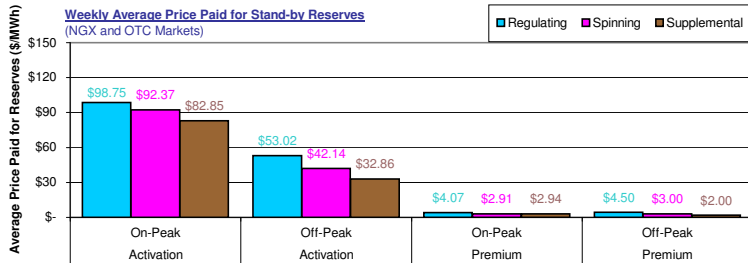
Last week, there were a total of 5 importers. The most active importer had a market share of 72.5% while the second most active importer had a market share of 14.8%. There were a total of 5 exporters last week. The most active exporter had a market share of 46.5% while the next largest exporter had a market share of 28.8%.

Note: Market shares are based on the combined activity on both interties.

Ancillary Services Market

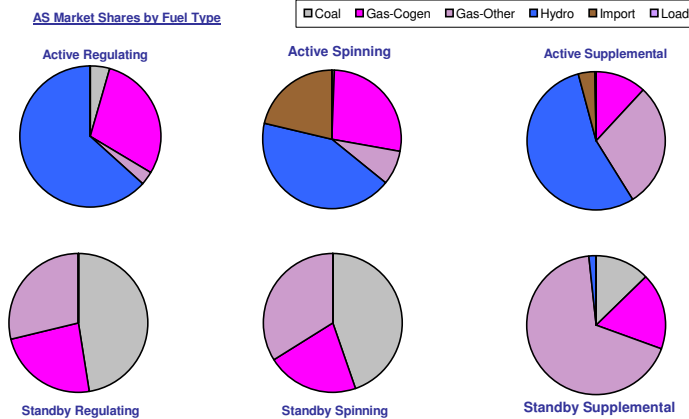


Average on-peak prices paid for active ancillary services last week were **\$1.17/MWh**, **\$0.18/MWh** and **\$0.58/MWh** respectively for active **regulating**, **spinning** and **supplemental** reserves. Active average off-peak prices were **higher** and averaged **\$19.36/MWh**, **\$12.07/MWh** and **\$0.42/MWh** for active **regulating**, **spinning** and **supplemental** reserves respectively.



Weekly average activation prices for stand-by reserves ranged from **\$32.86/MWh** for **off-peak supplemental** reserves to **\$98.75/MWh** for **on-peak regulating** reserves. Weekly average premium prices ranged from **\$2.00/MWh** for **off-peak supplemental** reserves up to **\$4.50/MWh** for **on-peak spinning** reserves.

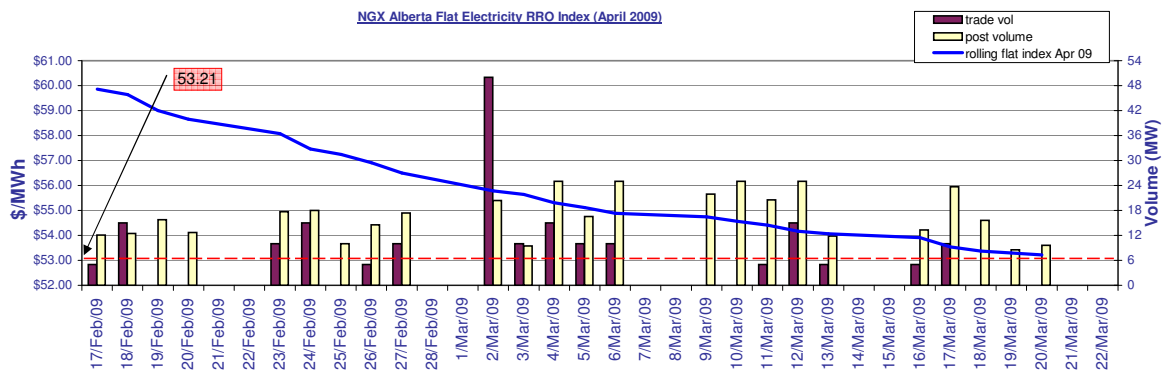
AS Market Shares by Fuel Type



Last week **hydro** units had the largest market share in the **active regulating** reserve market with **63.4%**. In the **active spinning** reserve market, **hydro** units had the leading market share with **42.9%** while in the **active supplemental** reserve market, **hydro** units dominated with a **54.5%** market share.

Coal units dominated the **standby regulating** reserve market with a **47.6%** market share. Leading market share in the **standby spinning** market was held by **coal** units with a **44.7%** market share. In the **standby supplemental** reserve market, **gas** units had the leading market share with **67.8%**.

RRO Procurement



Glossary

- On-Peak Hours**
In Alberta: HE08 through HE23, Monday through Saturday (prevailing Mountain time)
In Mid-C: HE07 through HE22, Monday through Saturday (prevailing Pacific time)
In Minn Hub: HE08 through HE23, Monday through Sunday (prevailing Central time)
- Off-Peak Hours**
In Alberta: HE01 through HE07 + HE24 (of the same day), Monday through Saturday + HE01 through HE24 Sundays (prevailing Mountain time)
In Mid-C: HE24 (of the previous day) through HE07 (of the day in question), Monday through Saturday + HE01 through HE24 Sundays + holidays (prevailing Pacific time)
In Minn Hub: HE24 (of the previous day) through HE07 (of the day in question), Monday through Sunday (prevailing Central time)
- ATC**
A measure of the maximum energy flow possible in one direction across an intertie.
- Market Heat Rate**
The prevailing Pool price divided by the prevailing gas price.
- Sparks spread**
Sparks spreads give an indication of the revenue available to cover costs after fuel costs have been paid. A positive spread indicates it is more economical to buy gas and generate electricity while a negative spread indicates it is more economical to buy electricity from the grid.