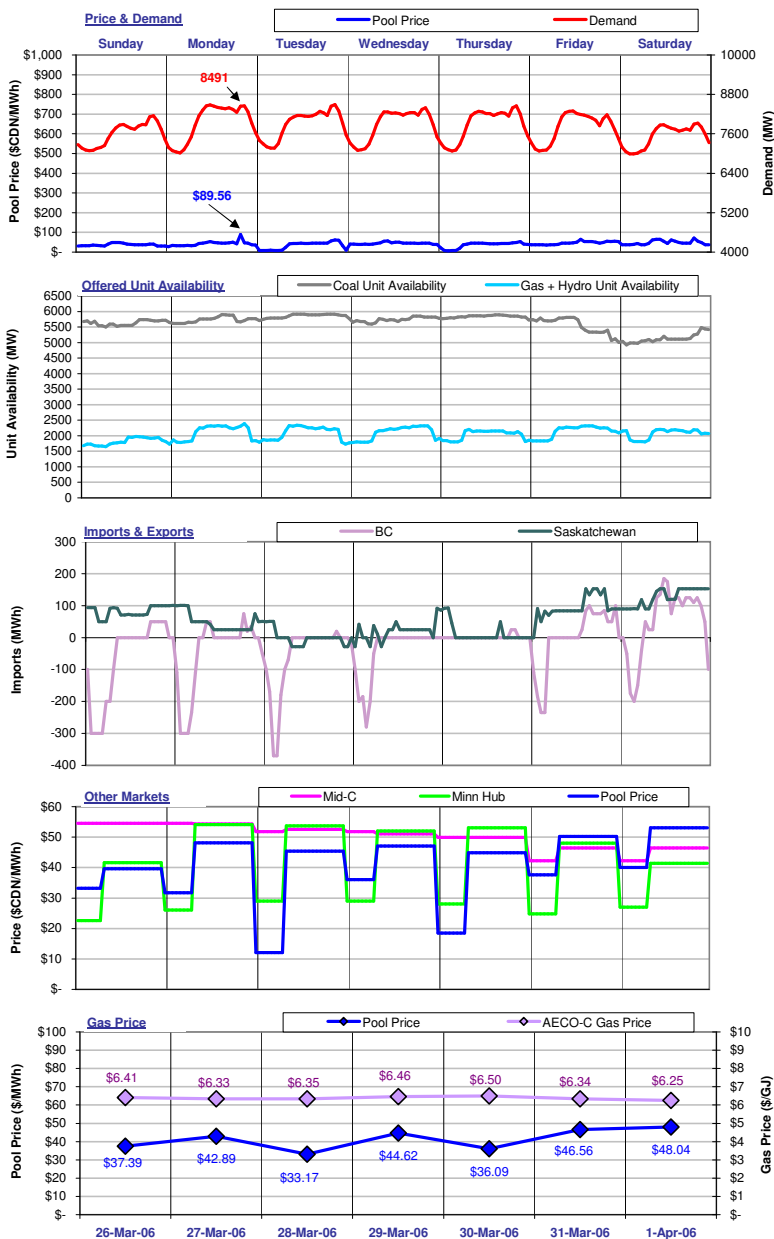


The Market Monitor

WATCHING THE MARKET : your fact source

Week Ending April 1, 2006

Weekly Highlights



For the week ending April 1, 2006, **Pool Price** averaged \$41.25/MWh and ranged from a minimum of \$6.96/MWh in HE03 on Thursday to a maximum of \$89.56/MWh in HE20 on Monday. **Demand** reached a high of 8491 MW in HE21 on Tuesday and a low of 6988 MW in HE04 on Saturday. Average demand for the week was 7792 MW. **Pool Price** and **Demand** were positively correlated last week with an R-squared value of 0.35.

Coal Unit Availability averaged 5639 MW last week. This is an equivalent availability of 97% (based on MCR). **Gas and Hydro Unit Availability** averaged 2052MW last week, which is an equivalent of 36% (based on MCR).

Availability numbers are based on MW offered into the energy merit order.

Alberta was a net exporter to BC last week with total exports equal to 4,031MWh. Alberta was a net importer from Saskatchewan last week with total imports equal to 9,242MWh. Overall, Alberta imported 5,211MWh 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 \$50.13/MWh on-peak and \$49.57/MWh off-peak. **Minn Hub** prices averaged \$50.37/MWh on-peak and \$26.66/MWh off-peak.

Prices in \$/MWh at an exchange rate of 1.16804.

The average **AECO-C Gas Price** last week was \$6.38/GJ and ranged from a minimum of \$6.25/GJ to \$6.50/GJ. Prevailing gas prices resulted in market heat rates ranging from a low of 5.23 GJ/MWh to a high of 7.69GJ/MWh. The average market heat rate for the week was 6.48 GJ/MWh.

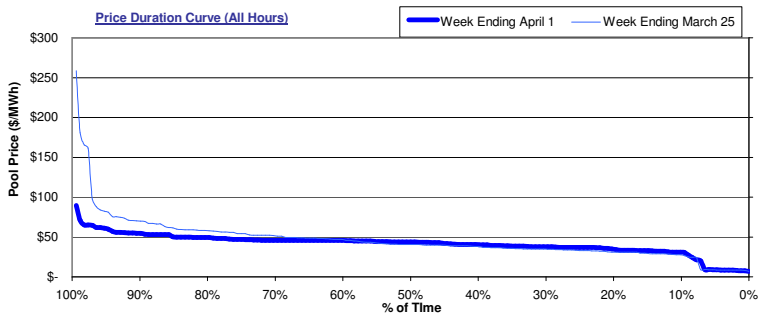


Alberta's Market Surveillance Administrator is in place to monitor the fair, efficient and openly competitive operation of all electricity markets within the province. The **Market Monitor** is a weekly publication by the MSA intended to educate industry participants and the public on market activities for the previous week. Any questions regarding the material in this publication should be directed to MSA staff. Our contact information is available on the MSA website: www.albertamsa.ca

Wholesale Market

Weekly Market Statistics

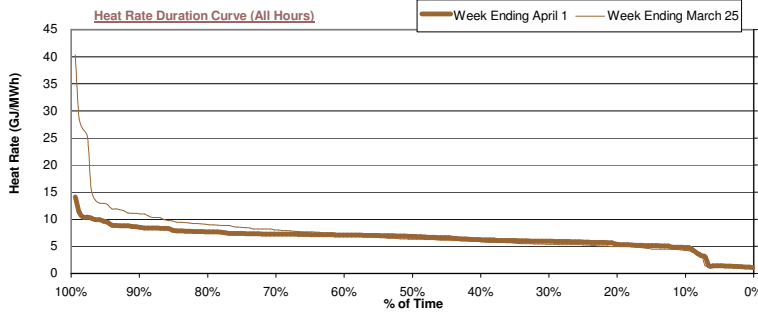
	Sunday 26-Mar	Monday 27-Mar	Tuesday 28-Mar	Wednesday 29-Mar	Thursday 30-Mar	Friday 31-Mar	Saturday 1-Apr	Average	Last Week	% Change	YTD
Pool Price											
Average	\$ 37.39	\$ 42.89	\$ 33.17	\$ 44.62	\$ 36.09	\$ 46.56	\$ 48.04	\$ 41.25	\$ 46.22	-10.8%	\$ 56.75
On-Peak	NA	\$ 48.13	\$ 45.36	\$ 47.07	\$ 44.87	\$ 50.19	\$ 53.07	\$ 48.12	\$ 54.12	-11.1%	\$ 69.58
Off-Peak	\$ 37.39	\$ 32.43	\$ 8.78	\$ 39.71	\$ 18.53	\$ 39.30	\$ 37.97	\$ 32.10	\$ 35.69	-10.1%	\$ 37.17
COV	0.16	0.29	0.57	0.11	0.41	0.17	0.22	0.28	0.53	-47.7%	
Heat Rate											
Average	5.83	6.77	5.23	6.91	5.56	7.34	7.69	6.48	7.13	-9.2%	7.97
On-Peak	NA	7.60	7.15	7.29	6.91	7.91	8.50	7.56	8.31	-9.1%	9.77
Off-Peak	5.83	5.12	1.38	6.15	2.85	6.20	6.08	5.03	5.55	-9.3%	5.22
Demand											
Average	7,597	7,951	7,897	7,886	7,886	7,802	7,523	7,792	8,046	-3.2%	8,105
Minimum	7,089	7,022	7,166	7,102	7,076	7,078	6,988	7,074	7,294	-3.0%	6,988
Maximum	8,145	8,477	8,491	8,388	8,454	8,291	7,925	8,310	8,576	-3.1%	9,306
Coal Unit Availability											
Average	5,635	5,737	5,859	5,739	5,837	5,538	5,130	5,639	5,798		5,736
Utilization	96%	98%	100%	98%	100%	95%	88%	97%	99%	-2.7%	98%
Gas and Hydro Unit Availability											
Average	1,815	2,107	2,100	2,099	2,031	2,142	2,071	2,052	2,068		2,039
Utilization	38%	44%	44%	44%	43%	45%	43%	36%	36%	-0.3%	36%



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

For the week ending **February 4**, prices were at or below:

\$20/MWh	7% of the time
\$50/MWh	85% 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 **February 4** implied market heat rates were at or below:

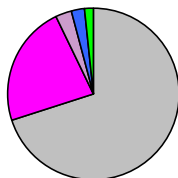
5.0 GJ/MWh	13% of the time
10.0 GJ/MWh	97% of the time
15.0 GJ/MWh	100% of the time
20.0 GJ/MWh	100% of the time

Market Share Statistics

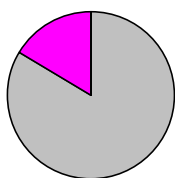
By Fuel Type:

Coal Gas - Cogen Gas - Other Hydro Other

Weekly Generation by Fuel Type

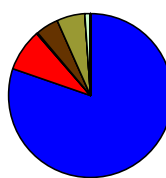


Weekly Price Setting by Fuel Type



By Submitting Customer:

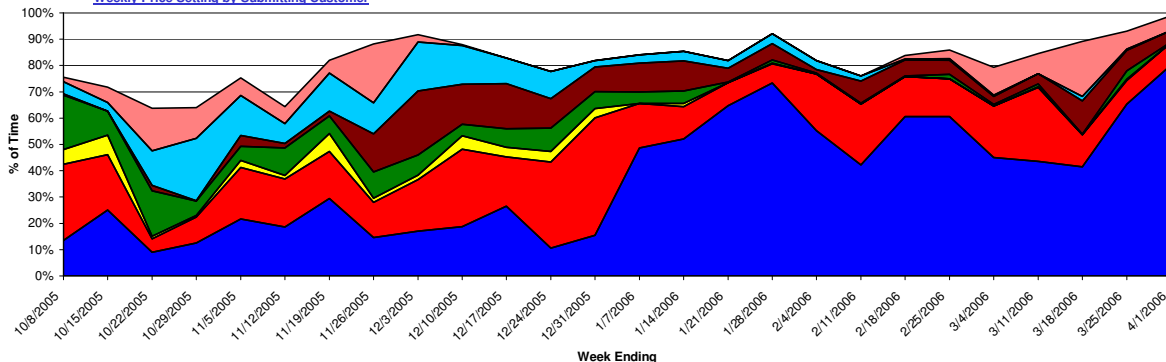
Weekly Price Setting by Submitting Customer



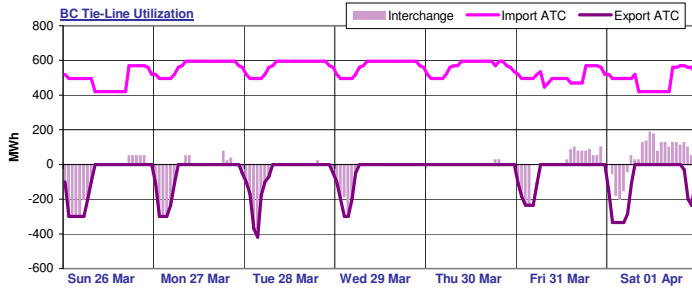
Last week, **coal** units were responsible for 70.1% of the generation in the province and set price 83.6% of the time. **Gas-cogen** units accounted for 22.6% of the generation and set price 16.4% of the time last week while **other gas** units made up 3.2% of generation and set price 0.0% of the time.

A total of 6 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 80.2% of the time and the top five price setters set price a total of 99.7% of the time.

Weekly Price Setting by Submitting Customer

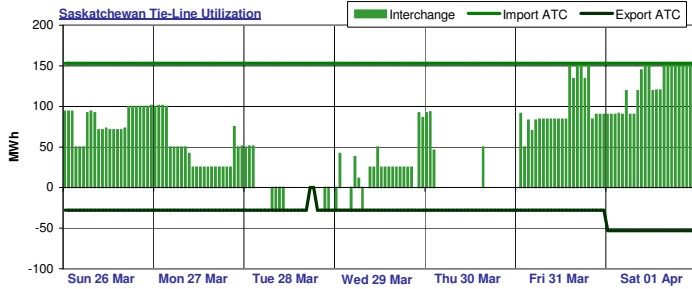


Interties

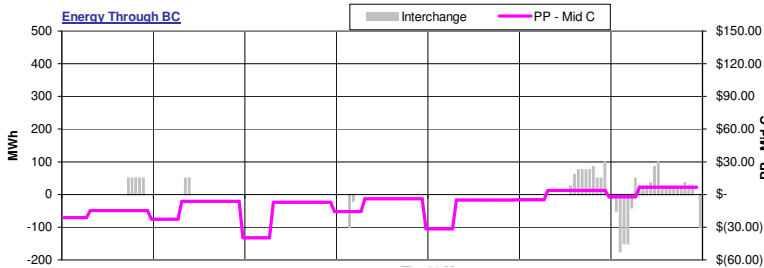


BC import capacity was 4% utilized last week while BC export capacity was 75% utilized. Energy was being imported into Alberta over the BC tie-line 24% of the time and exported out of Alberta over the BC tie-line 23% of the time last week. There was no activity on the BC tie-line 53% of the time last 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.



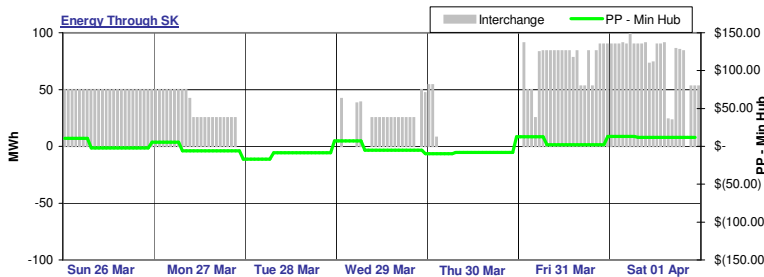
Saskatchewan import capacity was 37% utilized last week while Saskatchewan export capacity was 5% utilized. Energy was being imported into Alberta over the Saskatchewan tie-line 71% of the time and exported out of Alberta over the Saskatchewan tie-line 5% of the time last week. There was no activity on the Saskatchewan tie-line 24% of the time last week.



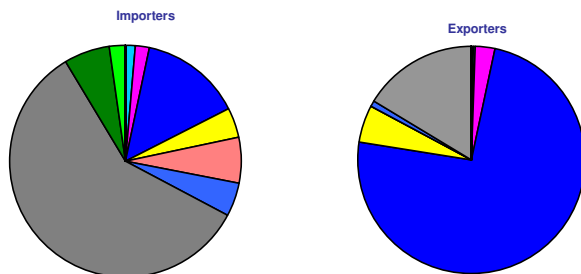
Last week, Alberta spot prices were mostly lower relative to prices in the Pacific Northwest as represented by Mid-C index prices, supporting export activity across the Alberta - BC interconnection.

Alberta prices were generally lower than prices in MAPP as represented by spot prices at the Minnesota Hub, which generally supported 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

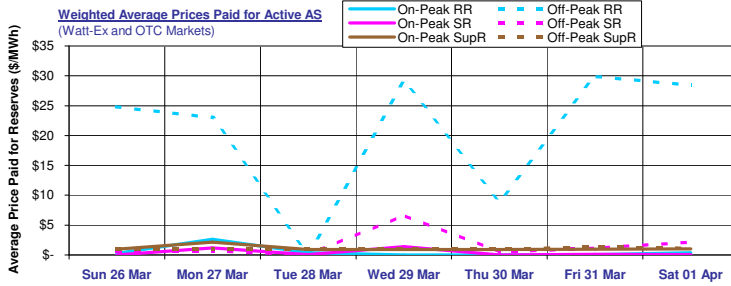


Last week, there were a total of 9 importers. The most active importer had a market share of 58.5% while the second most active importer had a market share of 14.0%.

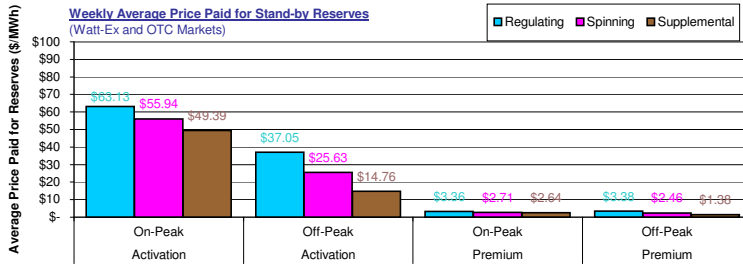
There were a total of 8 exporters last week. The most active exporter had a market share of 74.2% while the next largest exporter had a market share of 16.4%.

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

Ancillary Services Market

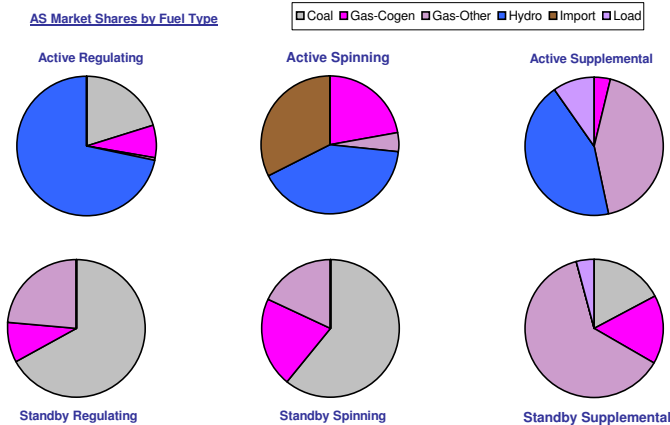


Average on-peak prices paid for active ancillary services last week were **\$0.52/MWh**, **\$0.41/MWh** and **\$1.12/MWh** respectively for active **regulating**, **spinning** and **supplemental** reserves. Active average off-peak prices were somewhat **higher** and averaged **\$20.53/MWh**, **\$1.69/MWh** and **\$1.06/MWh** for active **regulating**, **spinning** and **supplemental** reserves respectively.



Weekly average activation prices for stand-by reserves ranged from **\$14.76/MWh** for **off-peak supplemental** reserves to **\$63.13/MWh** for **on-peak regulating** reserves. Weekly average premium prices ranged from **\$1.38/MWh** for **off-peak supplemental** reserves up to **\$3.38/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 **71.7%**. In the **active spinning** reserve market, **hydro** units had the leading market share with **40.7%** while in the **active supplemental** reserve market, **hydro** units dominated with a **43.8%** market share.

Coal units dominated the **standby regulating** reserve market with a **67.0%** market share. Leading market share in the **standby spinning** market was held by **coal** units with a **60.9%** market share. In the **standby supplemental** reserve market, **gas** units had the leading market share with **62.5%**.

Glossary

- HE** Hour Ending
- 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 + holidays (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)
- COV** Coefficient of Variation
The standard deviation of a series of numbers divided by the mean of the same series of numbers. Used as a measure of volatility.
- ATC** Available Transfer Capacity
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.
- Sparksread** Sparksreads 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.