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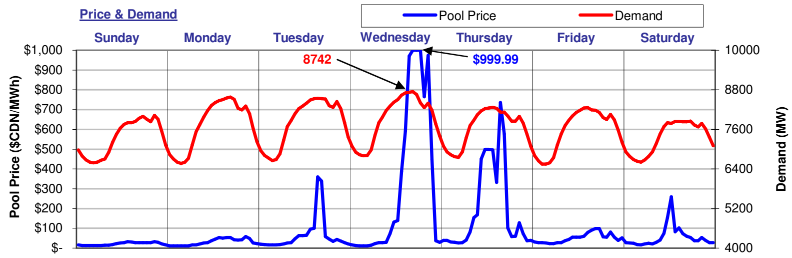
The Market Monitor

WATCHING THE MARKET : your fact source

Week Ending September 19, 2009

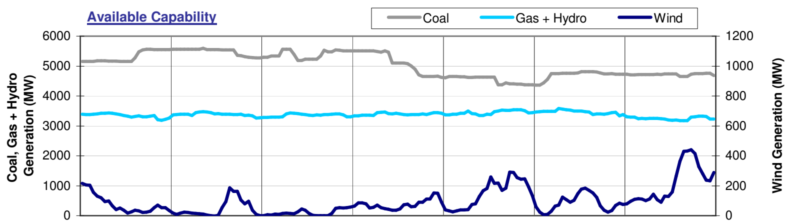
Weekly Highlights



For the week ending **September 19, 2009**, **Pool Price** averaged **$106.28/MWh** and ranged from a minimum of **$11.00/MWh** in **HE03** on **Monday** to a maximum of **$999.99/MWh** in **HE17** on **Wednesday.**

Demand reached a high of **8742 MW** in **HE17** on **Wednesday** and a low of **6544 MW** in **HE04** on **Friday** Average demand for the week was **7628 MW**.

Pool Price and **Demand** were **positively** correlated last week with an R-squared value of **0.22**.

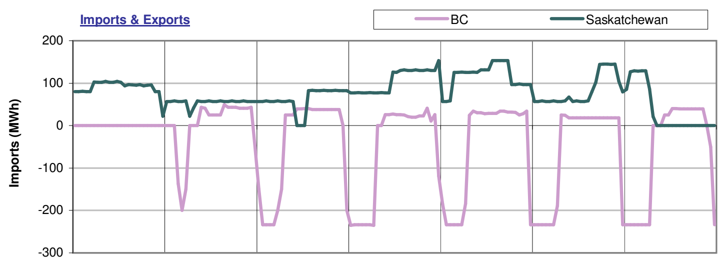


Coal Unit Availability averaged **5038 MW** last week. This is an equivalent availability of **84%.**

Gas, Hydro and Other Unit Availability averaged **3377 MW** last week, which is an equivalent of **63%.**

Wind Generation averaged **96 MW** last week. This is an equivalent availability of **19%.**

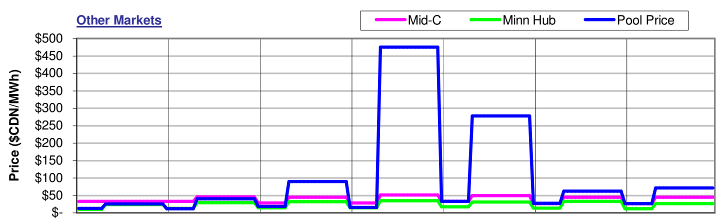
Availability numbers are based on MW offered into the energy merit order.



Alberta was a net **exporter to** BC last week with total **exports** equal to **6,860 MWh.**

Alberta was a net **importer from** Saskatchewan last week with total **imports** equal to **13,110 MWh**.

Overall, Alberta **imported 6,250 MWh** of electricity last week.

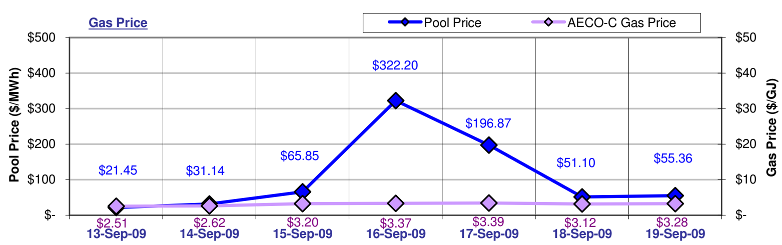


Pool Prices were generally **higher** than prices in **Mid-C** and **higher** than prices in **Minn Hub** last week.

Mid-C prices averaged **$46.79/MWh** on-peak and **$30.12/MWh** off-peak.

Minn Hub prices averaged **$31.37/MWh** on-peak and **$13.54/MWh** off-peak.

Prices in $CDN at an exchange rate of **1.07719**.



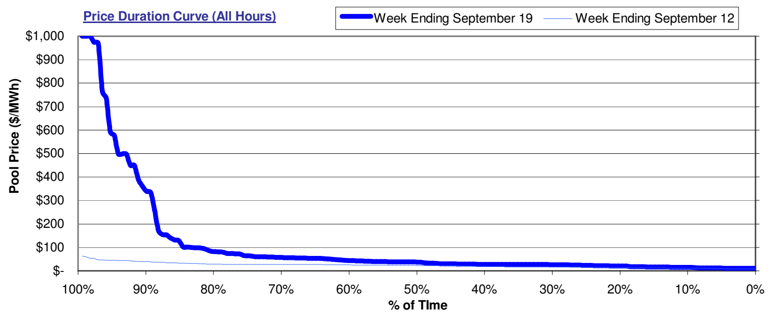
The average AECO-C Gas Price last week was **$3.07/GJ** and ranged from a minimum of **$2.51/GJ** to **$3.39/GJ**.

Prevailing gas prices resulted in market heat rates ranging from a low of **8.55 GJ/MWh** to a high of **95.51 GJ/MWh**. The average market heat rate for the week was **32.54 GJ/MWh.**

Wholesale Market

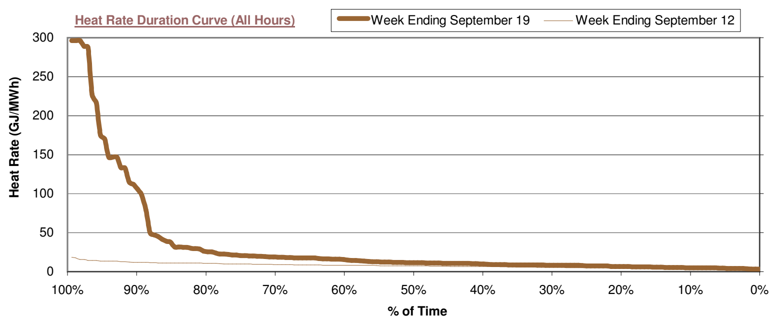
Weekly Market Statistics

	Sunday 13-Sep	Monday 14-Sep	Tuesday 15-Sep	Wednesday 16-Sep	Thursday 17-Sep	Friday 18-Sep	Saturday 19-Sep	Average	Last Week	% Change	YTD
Pool Price											
Average	$ 21.45	$ 31.14	$ 65.85	$ 322.20	$ 196.87	$ 51.10	$ 55.36	$ 106.28	$ 23.16	359.0%	$ 47.97
On-Peak	NA	$ 40.16	$ 89.57	$ 475.21	$ 278.38	$ 61.99	$ 71.45	$ 169.46	$ 28.54	493.8%	$ 61.39
Off-Peak	$ 21.45	$ 13.11	$ 18.43	$ 16.18	$ 33.83	$ 29.32	$ 23.20	$ 22.05	$ 15.98	37.9%	$ 29.00
COV	0.34	0.55	1.38	1.25	1.12	0.47	0.98	0.87	0.39	120.7%	
Heat Rate											
Average	8.55	11.89	20.55	95.51	58.00	16.40	16.88	32.54	8.73	272.9%	13.39
On-Peak	NA	15.34	27.95	140.87	82.01	19.89	21.78	51.31	10.66	381.1%	17.13
Off-Peak	8.55	5.01	5.75	4.80	9.97	9.41	7.07	7.52	6.14	22.4%	8.09
Demand											
Average	7,345	7,736	7,818	7,913	7,653	7,581	7,348	7,628	7,550	1.0%	7,894
Minimum	6,583	6,566	6,650	6,799	6,748	6,544	6,604	6,642	6,651	-0.1%	6,454
Maximum	8,026	8,581	8,541	8,742	8,273	8,261	7,851	8,325	8,182	1.7%	9,753
Coal Unit Availability											
Average	5,308	5,482	5,390	5,124	4,533	4,709	4,719	5,038	5,127		5,038
AC/MC	88%	91%	90%	85%	75%	78%	79%	84%	85%	-1.5%	84%
Gas, Hydro and Other Unit Availability											
Average	3,341	3,386	3,356	3,395	3,447	3,464	3,249	3,377	3,611		3,596
AC/MC	63%	63%	63%	64%	65%	65%	61%	63%	68%	-4.4%	68%



The price duration curves show the % of time that prices were at or below a certain value during the week.
For the week ending **September 19,** prices were at or below:

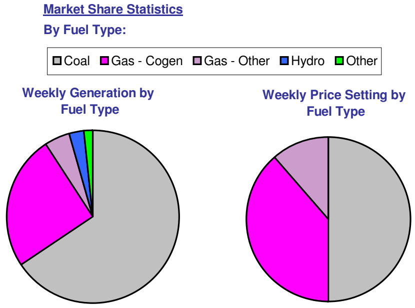
$20/MWh	**19%** of the time
$50/MWh	**63%** of the time
$100/MWh	**83%** of the time
$250/MWh	**88%** of the time
$500/MWh	**94%** of the time

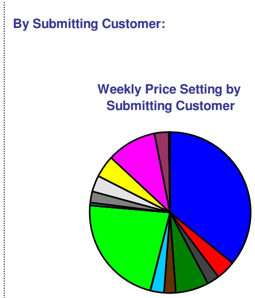


The heat rate duration curves show the % of time that the implied market heat rate was at or below a certain value during the week. For the week ending **September 19** implied market heat rates were at or below:

5.0 GJ/MWh	**8%** of the time
10.0 GJ/MWh	**41%** of the time
15.0 GJ/MWh	**60%** of the time
20.0 GJ/MWh	**73%** of the time

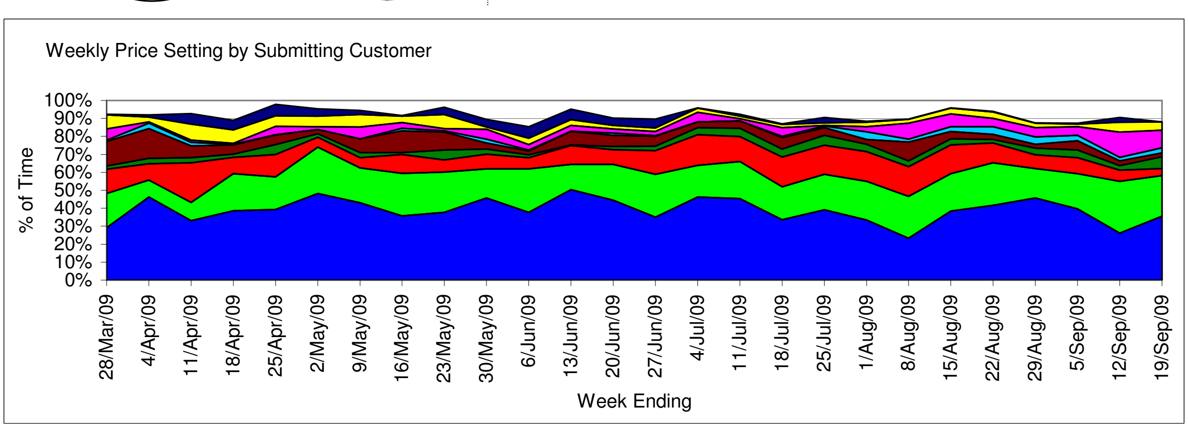
Market Share Statistics



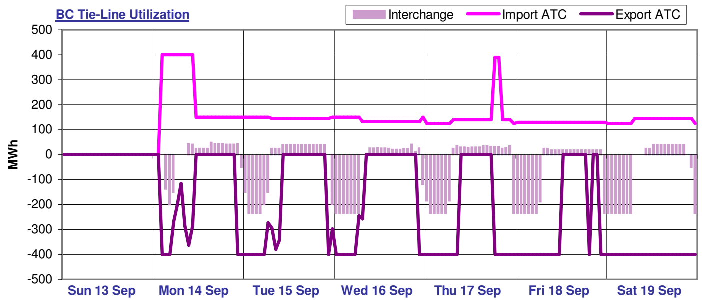


Last week, **coal units** were responsible for **65.7%** of the generation in the province and set price **49.9%** of the time. **Gas-cogen** units accounted for **25.2%** of the generation and set price **38.5%** of the time last week while **other gas** units made up **4.6%** of generation and set price **11.2%** of the time.

A total of **14** market participants set price last week. **Two** market participants set price more than 20% of the time last week. The top price setter set price **35.6%** of the time and the top five price setters set price a total of **79.0%** of the time.

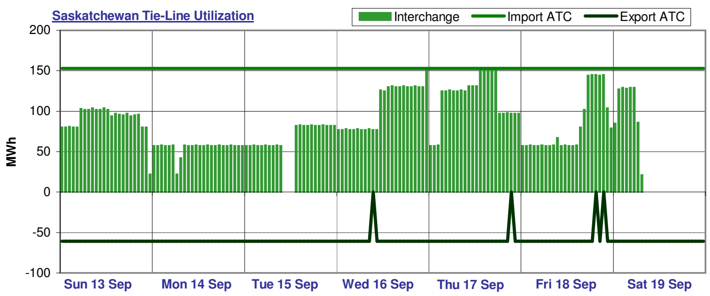


Interties

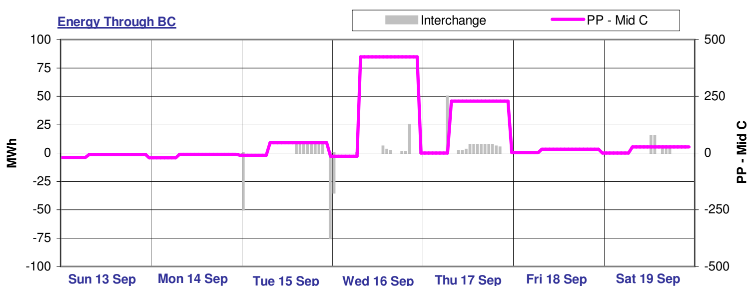


BC import capacity was **14%** utilized last week while **BC export capacity** was **29%** utilized. Energy was being imported into Alberta over the BC tie-line **51%** of the time and exported out of Alberta over the BC tie-line **27%** of the time last week. There was no activity on the BC tie-line **22%** 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.



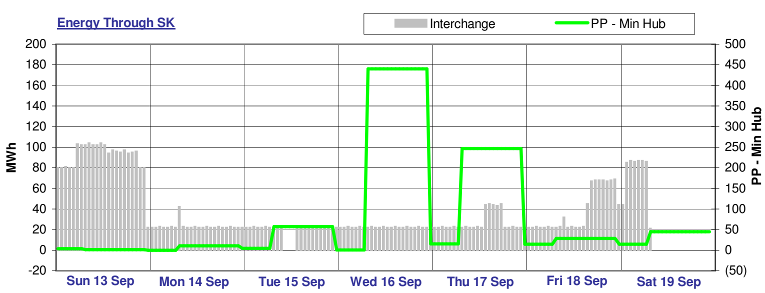
Saskatchewan import capacity was **51%** utilized last week while **Saskatchewan export capacity** was **0%** utilized. Energy was being imported into Alberta over the Saskatchewan tie-line **89%** of the time and exported out of Alberta over the Saskatchewan tie-line **0%** of the time last week. There was no activity on the Saskatchewan tie-line **11%** of the time last week.

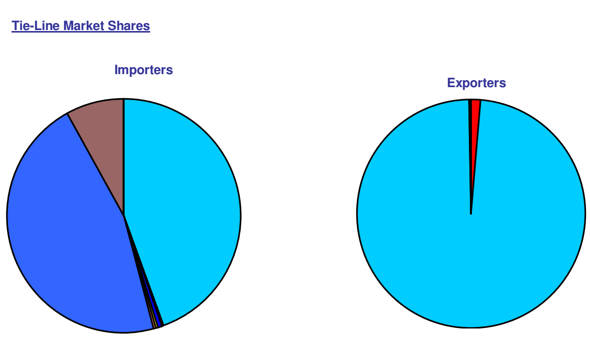


Last week, Alberta spot prices were mostly **higher** relative to prices in the Pacific Northwest as represented by **Mid-C** index prices.

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

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

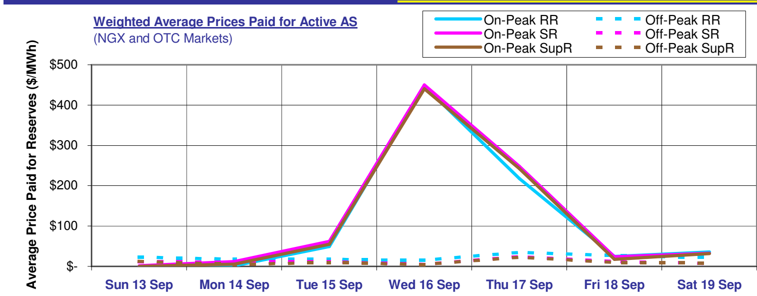




Last week, there were a total of **7** importers. The most active importer had a market share of **46.1%** while the second most active importer had a market share of **44.5%**.
There were a total of **3** exporters last week. The most active exporter had a market share of **98.3%** while the next largest exporter had a market share of **1.4%**.

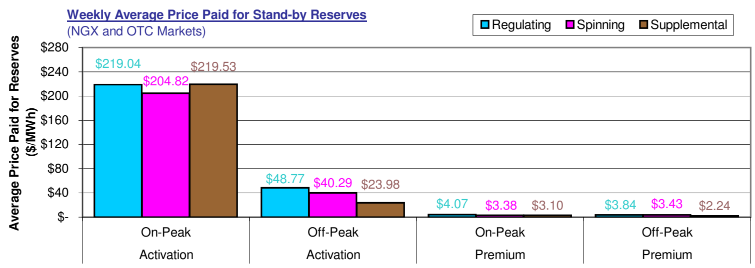
Note: Market shares are based on the combined activity on both interties.

Ancillary Services Market



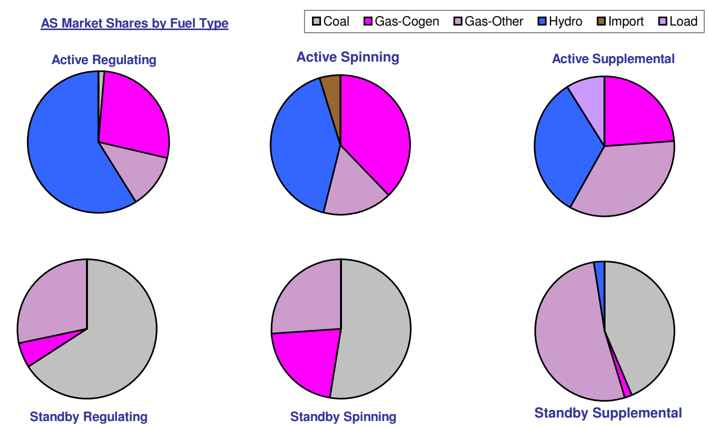
Average on-peak prices paid for active ancillary services last week were **$112.35/MWh**, **$120.38/MWh** and **$115.27/MWh** respectively for active regulating, spinning and supplemental reserves.

Active average off-peak prices were **higher** and averaged **$22.55/MWh**, **$11.59/MWh** and **$10.18/MWh** for active regulating, spinning and supplemental reserves respectively.



Weekly average activation prices for stand-by reserves ranged from **$23.98/MWh** for **off-peak supplemental** reserves to **$219.53/MWh** for **on-peak regulating** reserves.

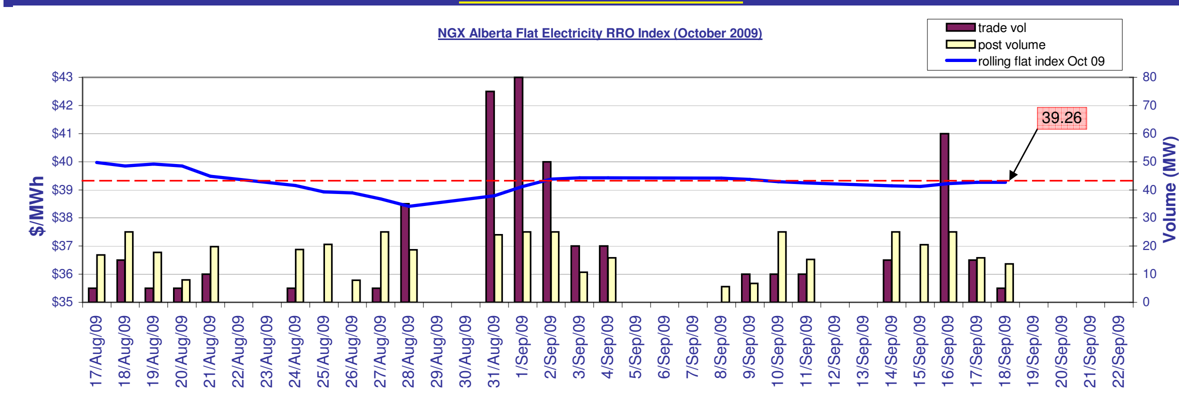
Weekly average premium prices ranged from **$2.24/MWh** for **off-peak supplemental** reserves up to **$4.07/MWh** for **on-peak reglating** reserves.



Last week **hydro** units had the largest market share in the active regulating reserve market with **58.9%**. In the active spinning reserve market, **hydro** units had the leading market share with **41.4%** while in the active supplemental reserve market, **gas** units dominated with a **34.2%** market share.

Coal units dominated the standby regulating reserve market with a **65.8%** market share. Leading market share in the standby spinning market was held by **coal** units with a **52.5%** market share. In the standby supplemental reserve market, **gas** units had the leading market share with **52.3%.**

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 Mountian 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.

Sparkspread Sparkspreads 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.