

TC Energy

POWER MARKET UPDATE



FORWARD PRICES TABLE (INDICATIVE AS OF SEPTEMBER 3RD, 2024)

	Flat 7x24 (\$/MWh)	AB - 7x16 On Peak (\$/MWh)	AB - 7x8 Off-Peak (\$/MWh)	AECO Gas (\$/GJ)	Heat Rate
BoM	\$52.60	\$61.15	\$29.51	\$0.82	64.14634
October	\$57.55	\$72.07	\$28.50	\$0.98	58.84458
BoY	\$60.45	\$71.75	\$37.87	\$1.82	33.19605
2025	\$51.00	\$58.15	\$36.65	\$2.52	20.21323
2026	\$52.00	\$59.52	\$36.94	\$2.96	17.58420
2027	\$57.00	\$67.16	\$36.69	\$3.07	18.56194

All prices are indicative as of September 3rd, 2024 For Firm power price quotes please contact TC Energy's Power Marketing team. See contacts on the last page.

FORWARD-LOOKING INFORMATION This publication contains certain information that is forward looking and is intended to provide useful and timely information to Alberta power market participants. All information is from sources deemed reliable and is subject to errors and omissions which we believe to be correct, however, assume no responsibility for. The words "anticipate", "forecast", "expect", "believe", "may", "should", "estimate", "plan" or other similar words are used to identify such forward-looking information. All forward-looking statements reflect TC Energy's beliefs and assumptions based on information available at the time of this publication and are not guarantees of future performance. By their nature, forward-looking statements are subject to various assumptions, risks and uncertainties which could cause actual outcomes to differ materially from the anticipated results or expectations expressed or implied in such statements. Readers are cautioned against placing undue reliance on forward-looking information and not to use future-oriented information or financial outlooks for anything other than their intended purpose. TC Energy undertakes no obligation to update or revise any forward-looking information except as required by law.

ALBERTA MARKET RECAP – AUGUST 2024

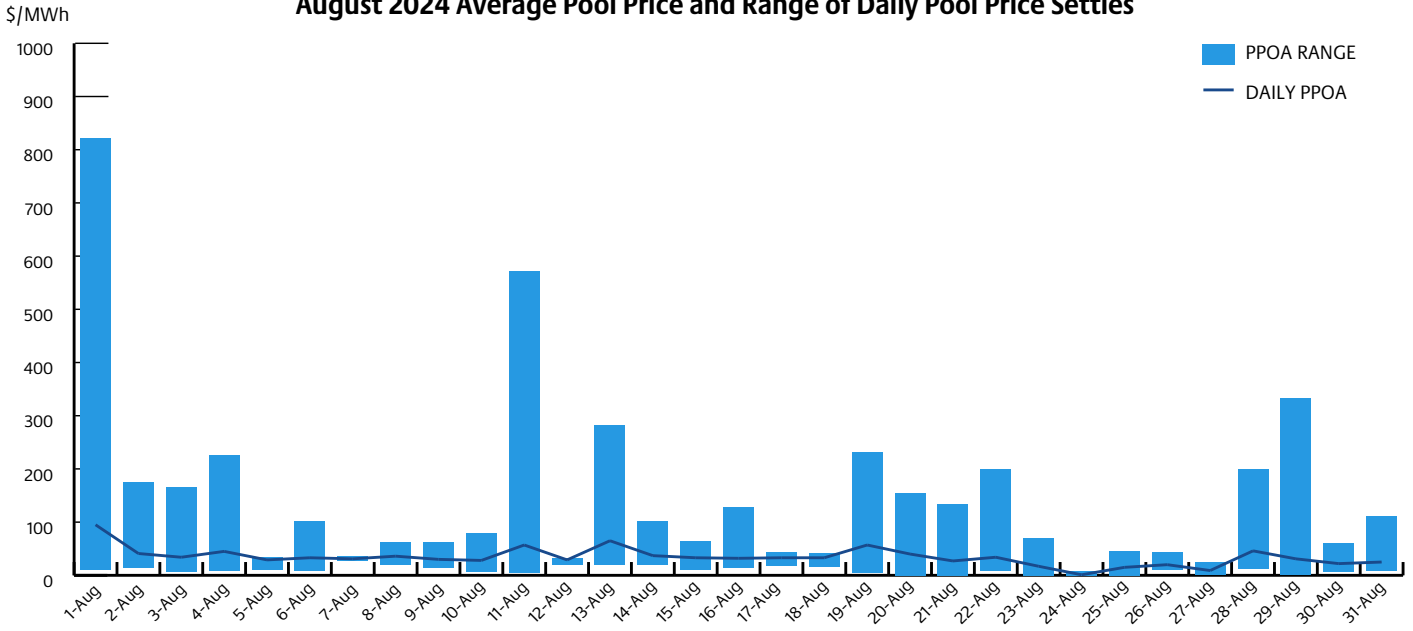
August 2024 settled at \$34.26/MWh, representing an 82% decrease from August 2023's settle of \$186.60/MWh and a 61% decrease from July's settle of \$88.62/MWh. The maximum pool price was \$821.27/MWh in August, compared to \$999.99 /MWh in July. The average price between the on-peak and off-peak for August differed by \$14.79/MWh, resulting in on-peak and off-peak price settles of \$39.19/MWh and \$24.40/MWh, respectively. August forwards settled between \$72 and \$86, 31 days preceding the month. August 2024 did not have any triple digit daily settles, with only 38 hours in the month settling above \$100/MWh.

August 1st saw the highest daily average and on-peak price settles of \$94.67/MWh and \$131.23 /MWh, respectively, whereas August 4th saw the highest off-peak price settle of \$74.57/MWh. On August 1st, the hourly pool price ranged from \$9.49/MWh during HE 2 to \$821.27/MWh during HE 21. On this day, Alberta Internal Load (AIL) averaged 10,550 MW, about 605 MW higher than the monthly average and set the monthly peak load of 11,551 MW. Average daily wind generation underperformed at 952 MW, relative to the monthly average of 1,114 MW, whereas average daily solar generation overperformed at 648 MW, relative to the monthly average of 472 MW. Daily gas availability factor was 78.8%, contributing to approximately 3,000 MW of outages in the province.

The province was net exporter during off-peak hours, flowing an average of 736 MW/h collectively from the AB-BC and AB-MATL interties, later decreasing to minor exporter during the on-peak hours, flowing an average of 149 MW/h from all interties including AB-SK.

August 24th saw the lowest daily average and on-peak price settles of \$0.79/MWh and \$0.40/MWh, respectively, whereas August 23rd saw the lowest off-peak price settle of \$1.20/MWh. On this day, hourly pool prices ranged from \$0/MWh from HE 4-19 and HE 23-24 to \$8.41/MWh during HE2. AIL averaged 9,651 MW, about 294 MW lower than the monthly average and peaked at 10,246 MW, about 1,305 MW lower than monthly peak. Wind generation outperformed the monthly average by 1,389 MW, peaking above 3,100 MW. Solar generation underperformed the monthly average by 93 MW, peaking above 1,100 MW for a couple of hours. Daily gas availability factor was 78.8%, contributing to approximately 3,000 MW of outages. The province was net exporter for the entire day, with an average of 347 MW/h during the on-peak and 116 MW/h during the off-peak collectively flowing out from the AB-BC, AB-MATL and AB-SK interties.

August 2024 Average Pool Price and Range of Daily Pool Price Settles

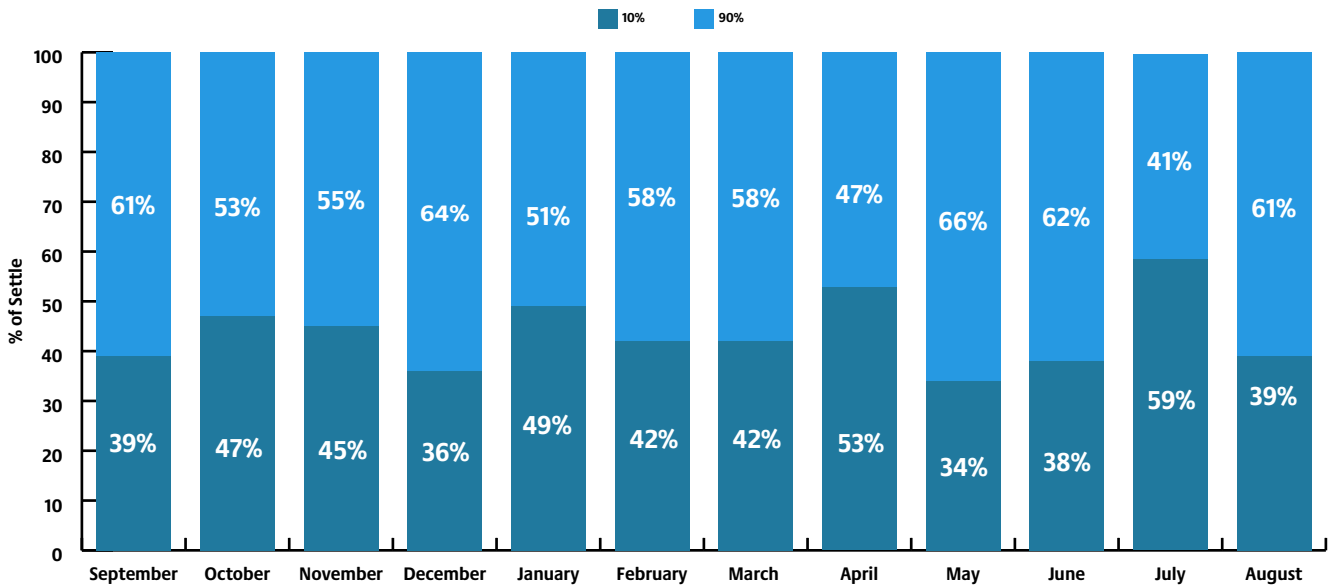


Average AIL for the month was 9,945 MW, with hourly peak load hitting 11,551 MW on August 1st HE 18. This represents a 2.1% increase from August 2023's average AIL of 9,739 MW and a 1.9% increase from its hourly peak load of 11,332 MW.

The weighted average temperature across the province for August was 17.36°C representing a 0.22°C decrease from last August when the average was 17.59°C. August 2024 temperatures in Alberta ranged from a high of 35°C in Medicine Hat on August 19th HE 18 and July 24th HE 18-20 to a low of 4°C in Fort McMurray and Red Deer on August 8th HE 7.

The top 10% of high-priced hours for August averaged \$134.75/MWh, contributing 39% to the monthly settle, while the bottom 90% of hours averaged \$23.24/MWh.

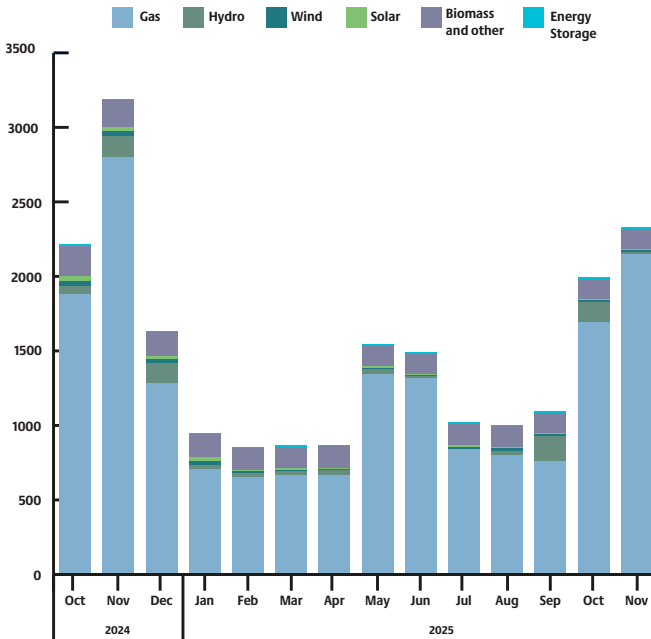
Hours contributing to monthly average price



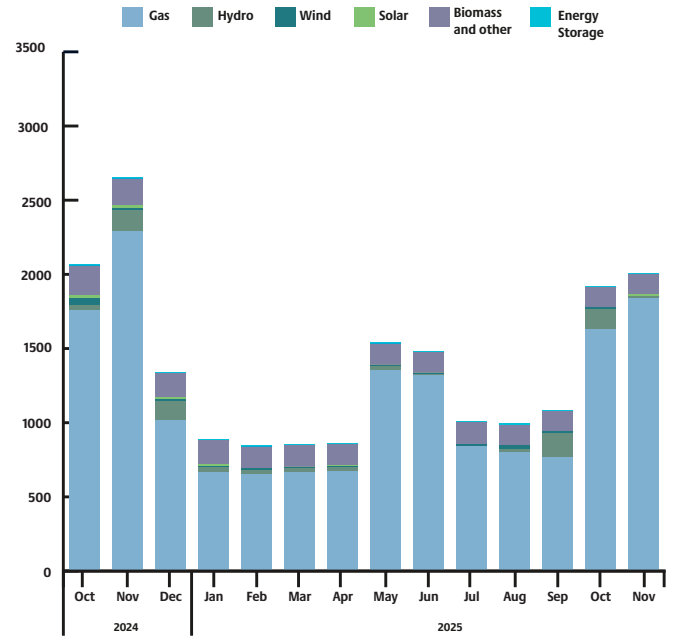
MONTHLY OUTAGES

Since last month's outage report there have been noteworthy changes in wind outages. Wind outages increased by 253 MW in October 2024, 203 MW in November 2024, and 115 MW in December 2024. Genesee Repower #1 provided notice to the AESO that the MC has increased from 411 MW to 466 MW and the fuel type has changed from Simple Cycle to (Gas) Combined Cycle, as of August 30th, 2024.

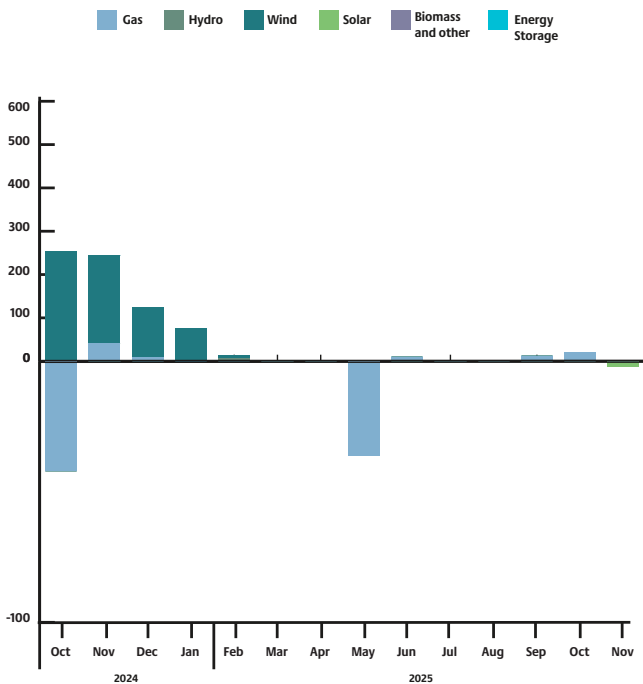
AESO monthly outages (as of September 2024)



AESO monthly outages (as of August 2024)



Month-over-month change in outages (September 2024 over August 2024)

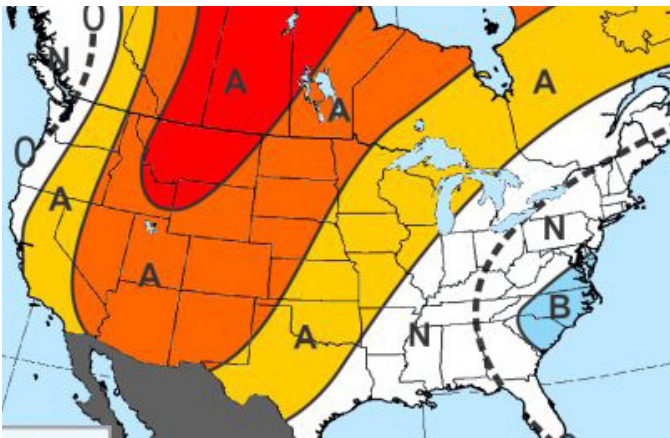


MAXAR'S 30-60 DAY OUTLOOK

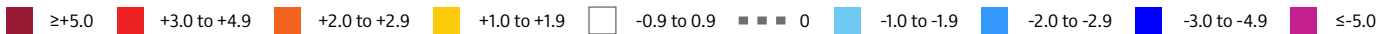
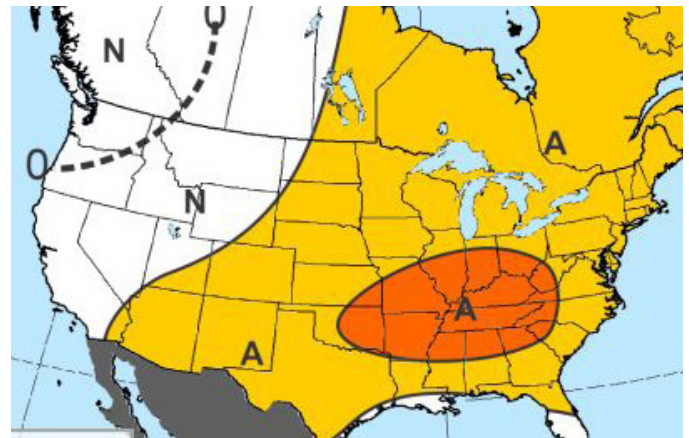
Maxar's final September forecast trends much cooler across the eastern half and hotter in the West. The resulting 195 PWCDDs (Population-Weighted Cooling Degree Days) would be the 2nd-coolest of the last decade (189 in 2020). Aboves span most of the West to the western Midwest while belows are now forecast for the southern Mid-Atlantic. These changes reflect the current 15-Day forecast which features a cool first 1/3 of September with widespread belows in the Midwest and East and aboves in the West. The expectation for the latter half of the month is for aboves to become more Central US-focused, per ECMWF (European Centre for Medium-Range Weather Forecasts) weeklies guidance and support from the +AMO (Atlantic Multidecadal Oscillation). The West could eventually turn cooler if -GLAAM (Global atmospheric angular momentum) becomes influential.

October remains unchanged with widespread aboves from the Southwest to the eastern half of the US. The forecast remains based on correlations to +AMO, -PDO (Pacific Decadal Oscillation), and warm west-tropical Pacific waters. That said, the +AMO does correlate warmer in the West while having no correlation in either direction in the Central/Southern US. October has often been warm of late—the past decade features more Top 10 warm Octobers (4) than cooler than 30-year normal Octobers (3). Those three colder Octobers were characterized by a -EPO (Eastern Pacific Oscillation) potentially influenced by typhoon recurves (Trami in 2018, Hagibis in 2019, and Chan-hom in 2020), an unknown risk factor in this lead time.

September 2024



October 2024



CONTACT US

Steve Quehl
 Manager, Trading & Marketing
 403-920-5661
 steven_quehl@tcenergy.com

Kevin Gongora
 Power and Emissions Marketer
 403-477-4928
 kevin_gongora@tcenergy.com