

TC Energy Power Market update.

Forward prices table (indicative as of March 3rd, 2021)

	Flat 7x24 (\$/MWh)	AB - 7x16 On Peak (\$/MWh)	AB - 7x8 Off-Peak (\$/MWh)	AECO Gas (\$/GJ)	Heat Rate
BOM	\$86.25	\$105.55	\$47.50	\$4.65	18.54839
BOY	\$89.83	\$112.25	\$45.02	\$4.12	21.80340
April	\$90.25	\$113.25	\$44.30	\$4.11	21.95864
2023	\$74.00	\$90.00	\$42.00	\$3.37	21.95846
2024	\$60.00	\$89.90	\$34.00	\$3.00	20.00000
2025	\$57.75	\$74.00	\$33.75	\$3.10	18.62903

All prices are indicative as of March 3rd, 2021. For Firm power price quotes please contact TC Energy's Power Marketing team. See contacts on the last page.

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Alberta Market Recap – February 2022

February 2022 settled at \$105.22/MWh, representing a 31% decrease from February 2021's settle of \$151.98/MWh and a 16% increase from last month's settle of \$90.81/MWh. The average price between the on-peak and off-peak for February differed by \$66.72/MWh, resulting in on-peak and off-peak prices of \$127.46/MWh and \$60.74/MWh, respectively. February forwards traded between \$99.75 and \$127.75, 30 days prior to the month.

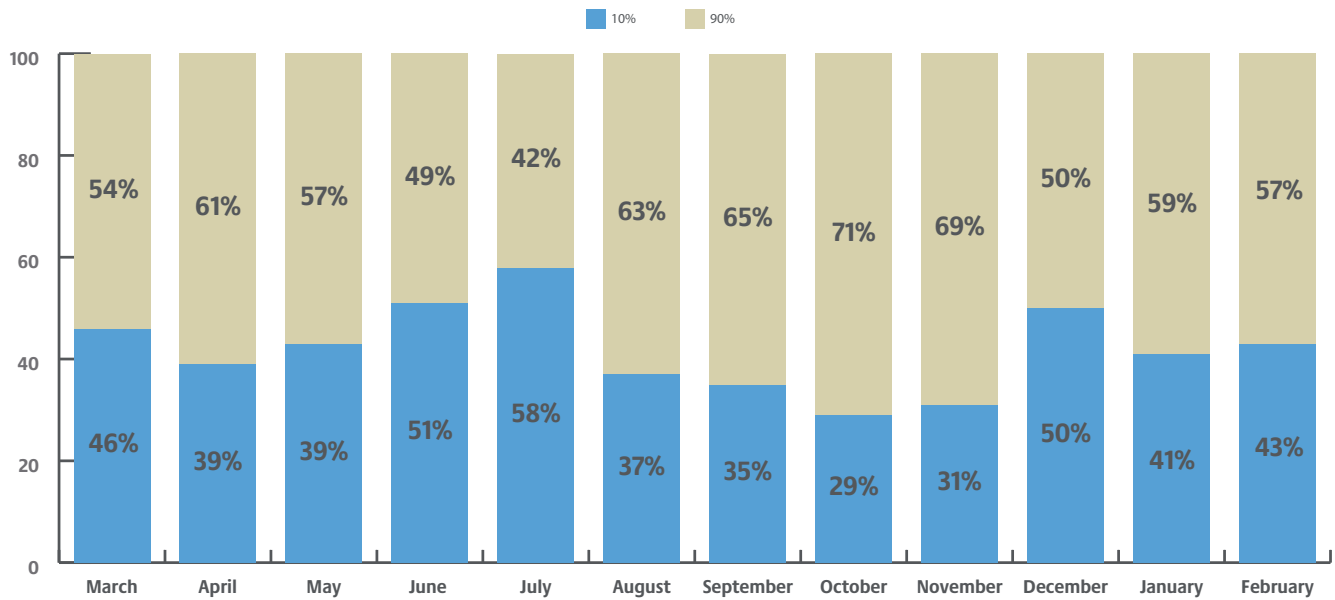
February 2022 had nine triple digit, occurring on February 5th, 11th, 14th-16th, 18th, 21st-22nd, and 24th, with daily price settles ranging from a "low" of \$110.41/MWh on February 11th to a high of \$397.86/MWh on February 22nd. February 2022 had 120 hours of the month settle above \$100/MWh, with the SMP peaking on February 5th, HE (hour ending) 18 and 19 when it hit the market cap of \$999.99/MWh, remaining at that price for 74 minutes.

February 22nd saw the highest daily average and on-peak price settles of \$397.86/MWh and \$528.41/MWh, respectively. On this day, triple digit settles were observed

for the entire on-peak which can be accredited to the cold snap in the province reaching as low as -34°C, load peaking above 11,300 MW, and minimal wind generation remaining at sub-100 MW levels for majority of the day. Furthermore, aggressive thermal offer strategies, constraints on the BC/MATL import interties, and minor SK exports were also impactful on the overall pricing trend this day. The highest daily off-peak price settle occurred on February 16th, landing at \$163.6/MWh. This was primarily driven by a sudden decrease of wind generation, about 700 MW over a short period of time, coinciding with the morning load peak ramp causing HE6 to settle at \$204.55/MWh.

In comparison, February 6th saw lowest average and on-peak settles of \$45.76/MWh and \$49.70/MWh, respectively, whereas February 13th saw the lowest off-peak settle of \$34.37/MWh. Despite various thermal outages, these low hourly settles were a result of warmer weather, soft Sunday load in the province, and rampant wind generation (1,600-1,800 MW).

Hours contributing to monthly average price



The top 10% of high-priced hours for February averaged \$465.69/MWh, contributing 43% to the monthly settle, while the bottom 90% of hours averaged \$66.02/MWh.

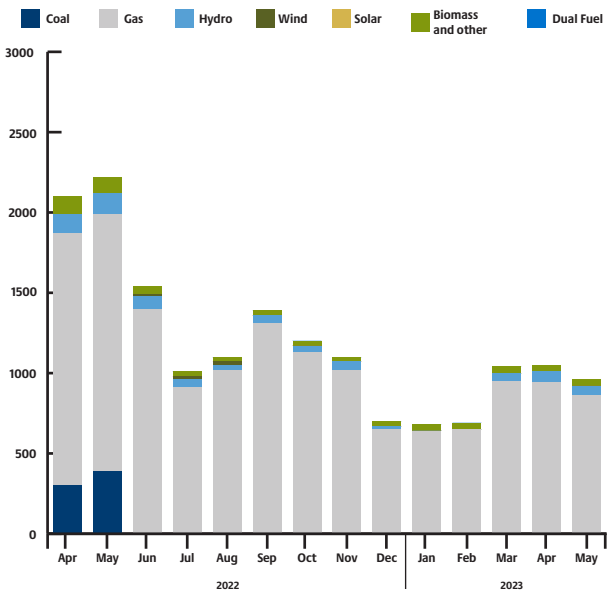
Average Alberta Internal Load (AIL) for the month was 10,417 MW, with hourly peak load hitting 11,411 MW on February 23rd HE 10. This represents a 1.9% decrease from February 2021's average AIL of 10,620 MW and a 2.7% decrease from its hourly peak load of 11,729 MW.

The weighted average temperature across the province for February was -8.06°C representing a 6.87°C increase from last February when the average was -14.93°C. February 2022 temperatures in Alberta ranged from a high of 15°C in Lethbridge on February 10th HE 13-14 to a low of -41°C seen in Fort MacMurray on February 21st HE 4.

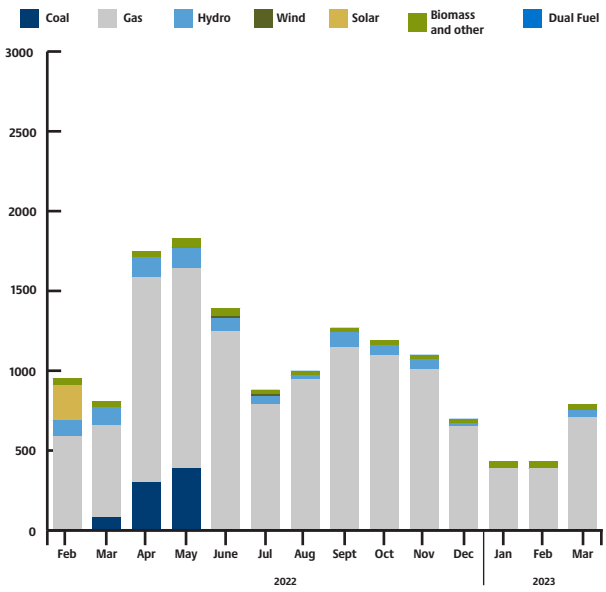
Monthly outages

Since last month's outage report, there has been noteworthy increase of gas outages. These outages increased by 190 MW in April 2022, by 240 MW in May 2022, by 150 MW in June 2022, and by 120 MW in July 2022.

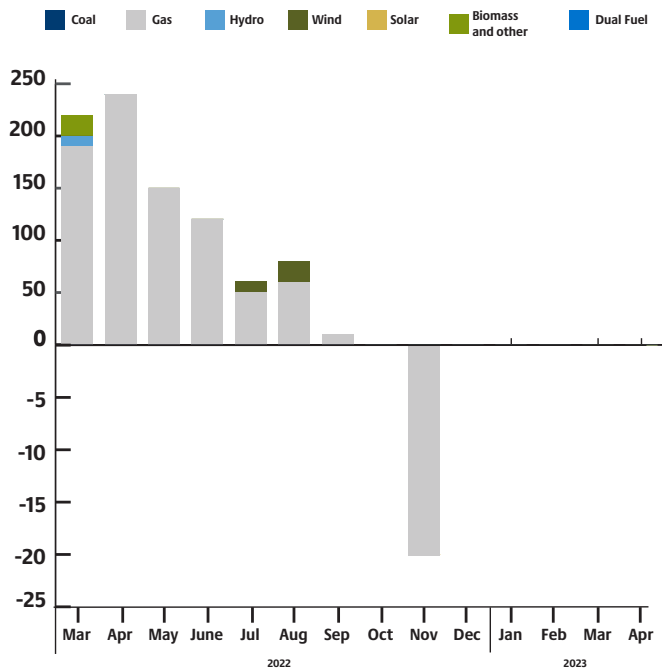
AESO monthly outages (as of March 2022)



AESO monthly outages (as of February 2022)



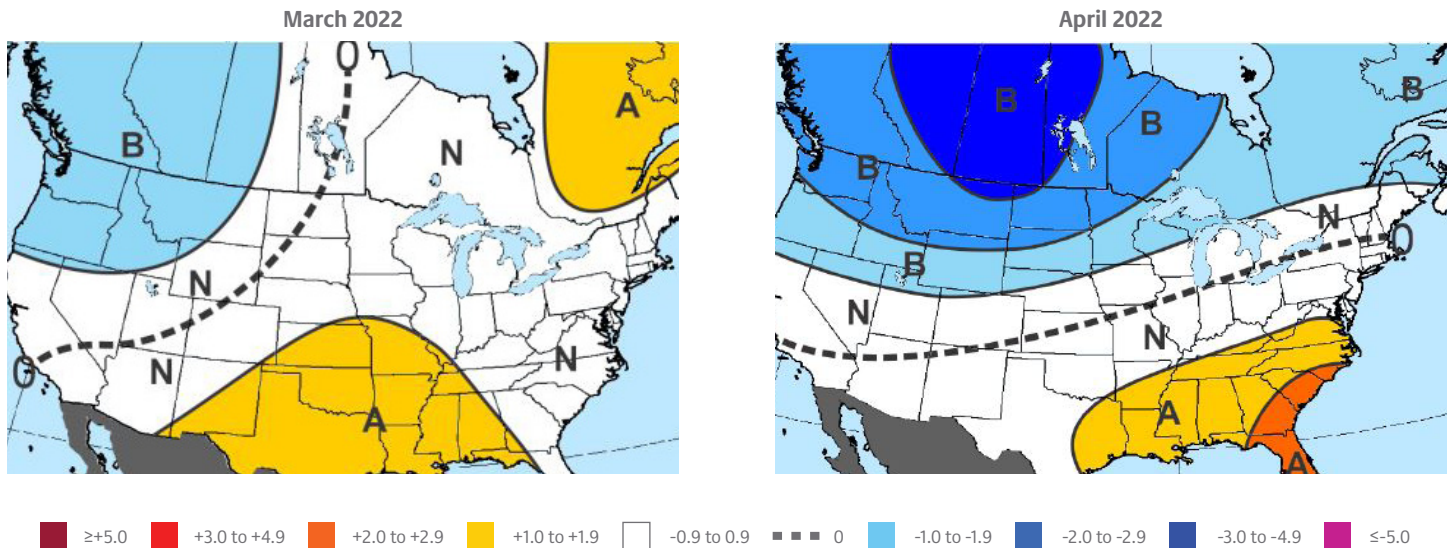
Month-over-month change in outages
(March 2022 over February 2022)



Maxar's 30-60 day outlook

Maxar's final 30-Day outlook for March undergoes colder changes from the West to North-Central while warmer in the Southeast. The pattern for the first half of the month is expected to be a -EPO (Eastern Pacific Oscillation) pattern with ridging over Alaska sending cold air downstream across the Western and Central US. As the month progresses, the pattern is then expected to shift more so to a -PNA (Pacific North American) regime typical of La Niña and -PDO (Pacific Decadal Oscillation). This correlates cold in the northern tier, especially the Northwest, but carries a warmer correlation for the South. The ECMWF (European Center for Medium-Range Weather Forecasts) weeklies support this progression, but the CFS (Climate Forecast System) allows for more belows in the Upper Midwest and Northeast.

Maxar's April outlook above across most of the southern tier while belows are limited to the Northwest/northern Rockies. The outlook is driven by SST (Sea Surface Temperatures) signals including the lingering La Niña, +AMO (Atlantic Multi-decadal Oscillation), -PDO, and warm west-tropical Pacific waters, although most correlations are fairly weak in this shoulder season month. Some consideration is also given to drought conditions in the Southwest and Texas. A composite of the 20 most recent CFS monthly model runs has greater intensity of above in the Southwest to Texas while showing an area of belows over the Midwest and Northeast.



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