



## TC Energy Power Market update.

### Forward prices table (indicative as of April 3<sup>rd</sup>, 2022)

	Flat 7x24 (\$/MWh)	AB - 7x16 On Peak (\$/MWh)	AB - 7x8 Off-Peak (\$/MWh)	AECO Gas (\$/GJ)	Heat Rate
<b>BOM</b>	<b>\$85.17</b>	<b>\$101.38</b>	<b>\$54.50</b>	<b>\$5.43</b>	<b>15.68508</b>
<b>BOY</b>	<b>\$92.19</b>	<b>\$111.81</b>	<b>\$52.96</b>	<b>\$5.47</b>	<b>16.85375</b>
<b>May</b>	<b>\$86.25</b>	<b>\$104.30</b>	<b>\$50.16</b>	<b>\$5.10</b>	<b>16.91176</b>
<b>2023</b>	<b>\$78.00</b>	<b>\$94.03</b>	<b>\$45.95</b>	<b>\$4.26</b>	<b>18.32707</b>
<b>2024</b>	<b>\$62.75</b>	<b>\$77.13</b>	<b>\$34.00</b>	<b>\$3.56</b>	<b>17.60761</b>
<b>2025</b>	<b>\$58.50</b>	<b>\$70.88</b>	<b>\$33.75</b>	<b>\$3.71</b>	<b>15.77500</b>

All prices are indicative as of April 3<sup>rd</sup>, 2021. 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 – March 2022

March 2022 settled at \$75.38/MWh, representing a 13% increase from March 2021's settle of \$66.92/MWh, and a 28% decrease from last month's settle of \$105.22/MWh. The average price between the on-peak and off-peak for March differed by \$18.85/MWh, resulting in on-peak and off-peak prices of \$81.65/MWh and \$62.80/MWh, respectively. March forwards traded between \$76.50 and \$86, 30 days preceding the month.

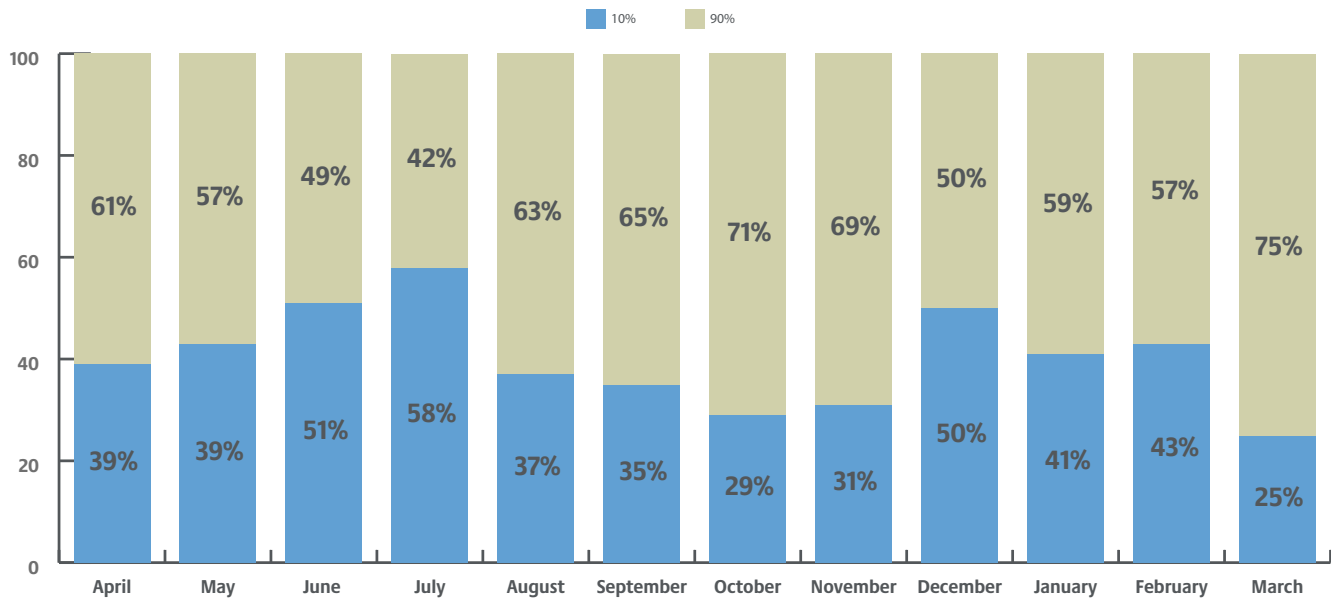
March 2022 had four triple digit daily settles, occurring March 2<sup>nd</sup>-3<sup>rd</sup> and March 28-29<sup>th</sup>, ranging from \$110.48/MWh on March 28<sup>th</sup> to \$165.97/MWh on March 3<sup>rd</sup>. The month saw 77 hours settle above \$100/MWh, with SMP peaking on March 2<sup>nd</sup> HE 18 at \$305.63/MWh.

March 3<sup>rd</sup> saw the highest daily average price and on-peak price settles of \$165.97/MWh and \$208.54/MWh, respectively. On this day, triple digit settles were observed from HE 7-21 MT. These higher prices can be attributed to temperatures in the province reaching as low as -15°C, load peaking at 10,828 MW, wind generation averaging at 80 MWh through the on-peak, and strong ATC (Availability Transfer Capability) import

constraints. The highest daily off-peak price settle occurred on March 28<sup>th</sup>, landing at \$100.18/MWh, with HE 7 having the largest contribution, settling at \$246.38/MWh. This resulted from a +300 MW decrease in wind generation, 2,500 MW of unit outages (including Genesee 1), and a continuation of ATC constraints.

In comparison, March 20<sup>th</sup>, March 6<sup>th</sup> and March 7<sup>th</sup> saw the lowest average, on-peak and off-peak price settles of \$49.40/MWh, \$51.62/MWh and \$41.93/MWh, respectively. On March 7<sup>th</sup>, an abundance of wind generation (peaking at 1,818 MW) and a weak demand profile (bottoming at 9,505 MW) were the main market fundamentals keeping prices low. March 6<sup>th</sup> saw similar market fundamentals, as strong wind generation, a packed import intertie and Sunday load limited SMP movement. On March 20<sup>th</sup>, despite several thermal units shutting down for the weekend, Sunday load averaging at 9,610 MW, strong wind generation averaging above 1,500 MW, and consistent importing activity during the day kept prices stable.

### Hours contributing to monthly average price



The top 10% of high-priced hours for March averaged \$189.37/MWh, contributing 25% to the monthly settle, while the bottom 90% of hours averaged \$63.02/MWh.

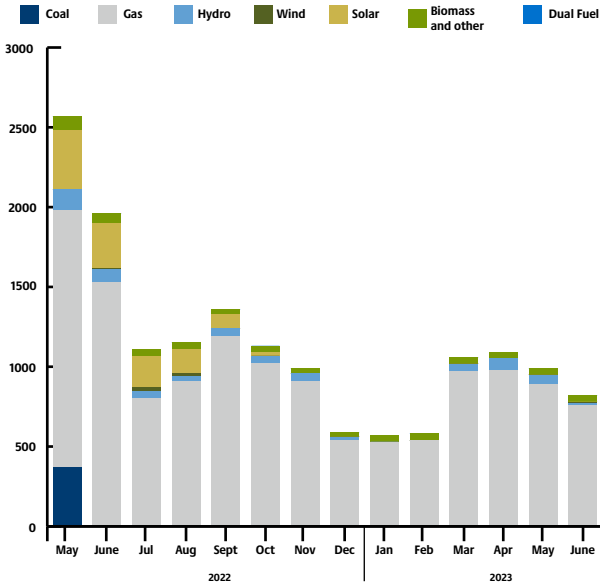
Average Alberta Internal Load (AIL) for the month was 10,070 MW, with hourly peak load hitting 11,025 MW on March 10th HE 19. This represents a 2.9% increase from March 2021's average AIL of 9,784 MW and a 3.5% increase from its hourly peak load of 10,652 MW.

The weighted average temperature across the province for March was -2.10°C representing a 2.38°C decrease from last March when the average was -0.28°C. March 2022 temperatures in Alberta ranged from a high of 22°C in Medicine Hat on March 23rd HE 17 to a low of -34°C seen in Fort MacMurray on March 11th HE 6.

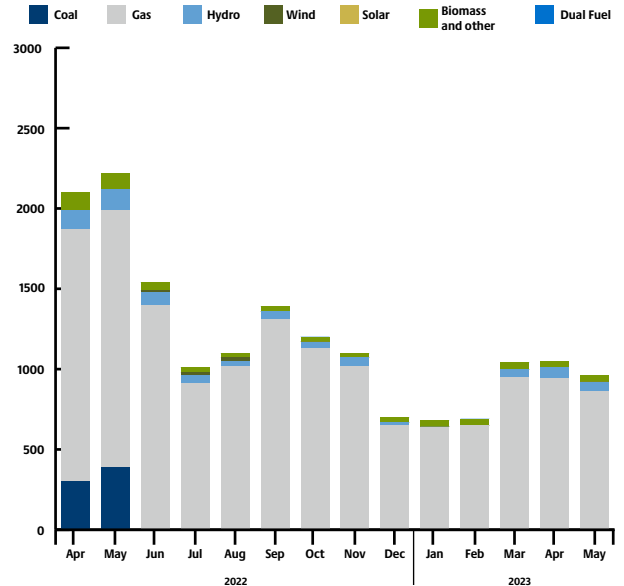
# Monthly outages

Since last month's outage report, there has been noteworthy changes in both gas and solar outages. Gas outage increased by 130 MW in June 2022 and decreased by 110 MW from July 2022 through February 2023. Solar outages increased by 370 MW in May 2022, 280 MW in June 2022, 200 MW in July 2022, 150 MW in August 2022 and 90 MW in September 2022.

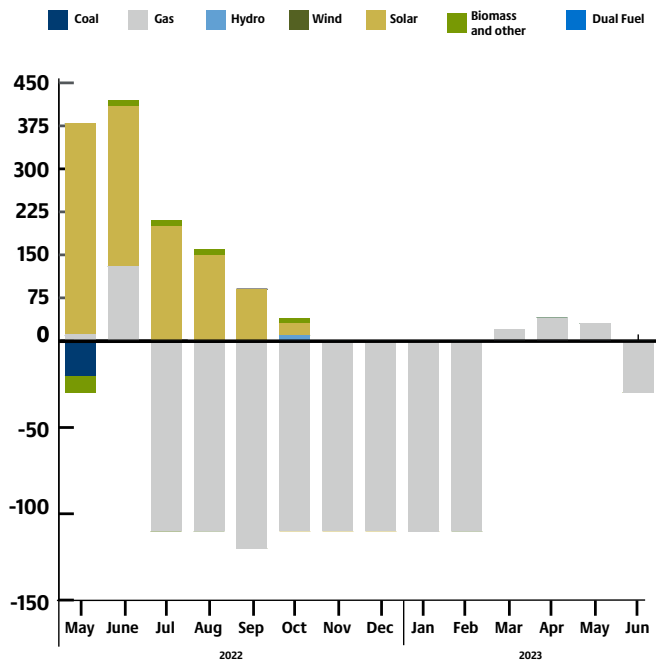
AESO monthly outages (as of April 2022 )



AESO monthly outages (as of March 2022 )



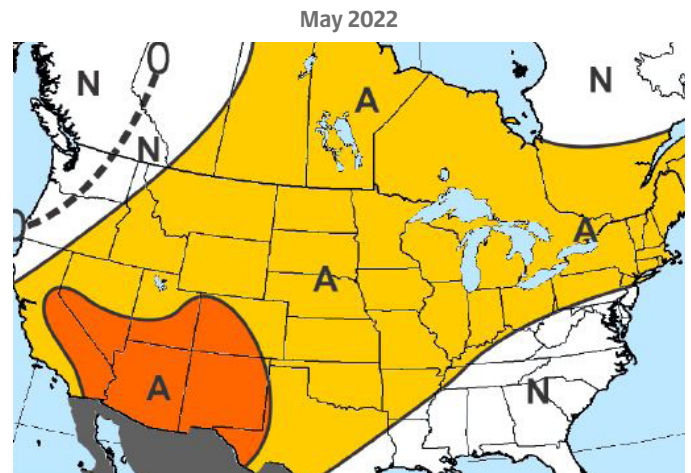
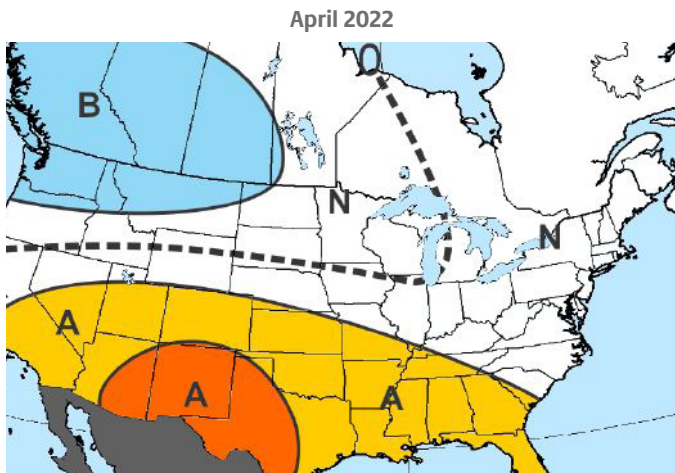
Month-over-month change in outages (April 2022 over March 2022)



## Maxar's 30-60 day outlook

Maxar's final pre-month view of April undergoes some minor changes versus previous, trending warmer in the Southwest/California and cooler in the Northwest. The first half of April is expected to be marked by variability in the eastern half, while the Southwest/California see some significant early-April heat late next week. The prevailing pattern is then expected to become more -PNA-like heading into the middle to end of the month, which correlates warm across the southern tier and cool in the northern tier. Cooler risk in the Central/Southern US is tied to the AO (Arctic Oscillation), which may turn negative on the heels of a recent final warming of the stratosphere.

May remains unchanged again this week with widespread aboves from the Southwest to the Plains, Midwest, and Northeast. The forecast of 260 Total Degree Days is below the 10-year (265) and 30-year (267) normals and lower than last year (275). The forecast is based on sea surface temperature indicators including La Niña, -PDO (Pacific Decadal Oscillation), and +AMO (Atlantic Multidecadal Oscillation). Consideration is also given to the ongoing drought in the West and Plains, and additional warm risk is possible in these areas due to the drought and lingering La Niña. The CFS (Climate Forecast System) is fairly similar to Maxar's outlook, although additionally warmer in the details.



## Contact us

**Steve Quehl**  
 Manager, Trading & Analytics  
 403-920-5661  
 steven\_quehl@tcenergy.com

**TCEnergy.com**