

2021 Long-term Outlook Scenarios – December, 2020

2021 Long-term Outlook Stakeholder Feedback



Period of Comment: December 15, 2020 through January 15, 2021	[REDACTED]
Comments From: ENMAX Corporation	[REDACTED]
Date: 2021/01/13	[REDACTED]

Keeping with the mandate of providing safe, reliable and economic operation of the Alberta electricity system while facilitating a fair, efficient and competitive market for electricity, the AESO is developing the 2021 Long-term Outlook (LTO).

Given the challenges faced as a result of the COVID-19 pandemic and the low oil price, feedback provided to the AESO will be an important input into how we forecast Alberta's the near to long-term electricity. The AESO will use scenarios as a means of stress testing various market, technological, consumer behaviour, policy and economic outcomes, to assist stakeholders in understanding potential long-term future outcomes in the Alberta electricity market.

Please fill email your completed questionnaire to forecast@aeso.ca by January 15, 2021.

We value stakeholder input and thank you for sharing your perspective. In alignment with our Stakeholder Engagement Framework (link) all stakeholder submissions, in their original state with personal information redacted, will be published online at www.aeso.ca

Further stakeholder engagement on LTO scenarios and preliminary results can be expected as the AESO makes progress toward the anticipated publication date in Q2 of 2021.

Preliminary results will be based in part from stakeholder feedback received in June 2020.

The AESO thanks you for your time and appreciates your input.

The AESO is seeking comments from Stakeholders with regard to the following matters:

	Questions	Stakeholder Comments
1.	Do the proposed LTO scenarios cover a reasonable range of plausible future outcomes? Which scenario do you think is more likely? Which one is less likely?	No comment.
2.	Does the “Clean-Tech” scenario focus on the appropriate technologies and policies?	ENMAX expects the “clean-tech” scenarios to evolve as the federal government progresses its new climate plan and hydrogen strategy, in addition to provincial plans such as Alberta’s natural gas vision and strategy.
3.	Are there different scenarios that warrant inclusion?	<p>The impacts of the new federal government climate plan should also be taken into account, including how the proposed new carbon price (which is expected to reach \$170/tonne by 2030) may be applied both federally and provincially in Alberta. It will be important to understand the AESO assumptions used for such scenarios.</p> <p>It is understood that there will likely be a significant increase in renewables and ENMAX seeks to better understand how much of each technology and why?</p> <p>Will the AESO forecast LCOE, demand for offsets/RECs etc., and then continue to build the forecast from there?</p> <p>A projection of Transmission build and potential costs may also be useful to understand which may accompany the renewable builds.</p>
4.	What long-term hydrocarbon demand projections do you think are reasonable for the Robust and Stagnant Global Oil & Gas Demand scenarios?	No comment.
5.	Are there additional generation technologies that warrant inclusion in the 2021 Long Term Outlook Scenarios?	No comment.
6.	Do you disagree with any of the assumptions in Slide 4 for any of the scenarios? If so, what would you propose?	No comment.

7.	The AESO has not yet determined the quantum of change in the scenario variables. Do you agree directionally with the scenario assumptions? Do you have insights regarding the magnitude of scenario changes?	No comment.
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