

Feedback Form

2021 Annual Planning Outlook Engagement – January 25, 2022

Feedback Provided by:

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Date: January 25th, 2022

Dear IESO:

The following are my comments about the APO and since I can't attend all January sessions, I'm including a few general ones as well. As follows:

- The IESO did talk to Ottawa a little before the APO's generation and we hope this continue to occur. Municipalities can give good insight into what is likely to occur, or not occur, to impact demand.
- The tightening of supply is bad for decarbonation and needs to be reversed in combination with greater market flexibility and reform (think class B accounts) that encourage productive use of electricity when the market is generously supplied.
- The IESO needs to broaden their thinking about SBG. Although we don't want periods when nuclear plans are forced to shut down, periods where combustion generation is not required, and hourly prices are low, are the friends of decarbonation. They are a sweat spot that the IESO should track and encourage.
- In the study of decarbonation pathways, it will be natural for the IESO to look at renewable fuels (such as RNG for example). The IESO needs to be aware that there will be other calls on renewable fuels for decarbonization and be circumspect about relying on them heavily. Municipal energy plans and projects arising from them can help to inform

the IESO on this issue. Even biofuels which have been around for some time are the subject of ongoing research. As municipalities are responsible for waste streams which feed these resources we can provide insights.

- The IESO should carefully consider the emissions profiles of forestry-based fuel sources. These fuels streams are segmented, and we believe emissions profiles likely vary widely.
- The inclusion of decarbonation activity not undertaken by the IESO in the APO report was misleading and unprofessional. Producing a graph with an emissions curve going negative because of electrification undertaken by others would be called false advertising in the media world. In separate communication, the IESO made clear that they have no claim to the emission reduction credits which they cite in the APO report. If the IESO wants to mention that electrification is a cornerstone of fighting the climate crisis at they want to enable it, that's great. However, framing activities undertaken by others, as they occur, as mitigating electricity system emissions is false and the IESO should cease in implying this is indeed the case.
- As electricity markets are tightening, the IESO might wish to fast track an RFP for some renewable generation while studies are occurring. This would likely be cost neutral (or beneficial) and would reduce supply risk we are currently facing.

Thanks again for today's interesting and informative session.

2021 Annual Planning Outlook Report – General

Topic	Feedback
<p>What chapter/section is most helpful?</p> <p>Choose all that apply: Demand forecast, supply outlook, transmission outlook, capacity adequacy, energy adequacy, surplus baseload generation, locational considerations, integrating needs, marginal costs, greenhouse gas emissions, other</p> <p>Tell us more: What did you like about it?</p>	
<p>What do you want to read more about?</p>	
<p>What key factors, uncertainties, and additional considerations should the IESO include in future outlooks?</p>	

2021 Annual Planning Outlook – Demand Forecast Specific Questions

Topic	Feedback
<p>For consideration for future assessments, are there any known policy instruments that should be flagged for the IESO Planners?</p>	
<p>Are the assumptions for the electricity demand drivers reasonable?</p>	
<p>IESO would appreciate any early signaling of known industrial large loads or expansion projects that may increase loads.</p>	

2021 Annual Planning Outlook – Transmission Specific Questions

Topic	Feedback
<p>In the 2021 APO we improved how we presented transmission issues/locational requirements. Specifically, we consolidated and described the locational requirements due to transmission constraints in Chapter 5 and summarized them in Chapter 6. In the 2022 APO, we look to further improve how the IESO presents this information and, as such, we are seeking feedback on the changes made in the 2021 APO (namely Chapter 5 and the summary in Chapter 6), and/or advice to inform further improvements to how this information is presented in the 2022 APO.</p>	

2021 Annual Planning Outlook Modules, Methodology, and Supplemental Data

Topic	Feedback
<p>Are the assumptions, inputs, and methodology reasonable?</p>	
<p>What information do you want to see more of?</p>	

General Comments/Feedback: