

Feedback Form

2020 Annual Planning Outlook Engagement – January 26, 2021

Feedback Provided by:

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Following the January 26, 2021 engagement webinar on 2020 Annual Planning Outlook (APO), the Independent Electricity System Operator (IESO) is seeking feedback from participants on the APO report, module, methodology and supplemental data. The engagement presentation, the 2020 APO, and additional information on the outlook can be found on the [Annual Planning Outlook webpage](#). The IESO will work to consider feedback and incorporate comments in future outlooks as appropriate.

Please provide feedback by February 17, 2021 to engagement@ieso.ca. Please use subject: *Feedback: 2020 Annual Planning Outlook Engagement*. To promote transparency, this feedback will be posted on the [Annual Planning Outlook webpage](#) unless otherwise requested by the sender.

Thank you for your time.

2020 Annual Planning Outlook Report

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, transmission security, integrating needs, meeting needs, marginal costs, greenhouse gas emissions, other</p> <p>Tell us more: What did you like about it?</p>	<ul style="list-style-type: none"> - The OEA has a diverse membership that covers all sectors of the energy industry. Each chapter/section had elements important to a segment of our membership.
<p>What do you want to read more about?</p>	<ul style="list-style-type: none"> - The report was conducted based on the current wholesale market with real-time only and uniform prices, it would be beneficial to communicate the post Market Renewal implementation forecasts utilizing day-ahead market and locational marginal pricing.
<p>What key factors, uncertainties, and additional considerations should the IESO include in future outlooks?</p>	<ul style="list-style-type: none"> - The Supply and Transmission Outlook section contains significant quantities of data that assists participants. There does arise some confusion with regards to expiring contracts and effective capacity and how each are utilized when the Resource Adequacy section communicates the regional and global capacity requirements.

2020 Annual Planning Outlook Modules, Methodology, and Supplemental Data

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<p>Are the assumptions, inputs, and methodology reasonable?</p>	<ul style="list-style-type: none"> - The process to develop the report appears reasonable, the format of how some of the information is presented has led to confusion. For example, the report indicates there is a capacity need for FETT in 2026 when Pickering shuts down. Section 6.2.2.1 indicates the interface capability can be increased by up to 2,000 MW through a Hydro One upgrade. Figure 35 on page 60 appears to indicate this upgrade along with reacquired receiving subsystem supply

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	(Lennox?) will satisfy the need until 2036. Yet section 4.1.1 FETT indicates a need for 1,600 MW of capacity in 2026 with reacquired resources (Lennox?). The reader would benefit from a single concise statement of the need as opposed to two potentially conflicting statements.
What information do you want to see more of?	<ul style="list-style-type: none"> - It would be beneficial to have the report publish the effective winter and summer capacity for each resource type (natural gas combined cycle, solar, wind etc.) for each Ontario zone. This along with locational needs would assist investors in their ability to develop the best resource in the best area.

General Comments/Feedback

The Ontario Energy Association appreciates the opportunity to provide feedback on Annual Planning Outlook (APO) process.

The Ontario Energy Association (OEA) is the credible and trusted voice of the energy sector. We earn our reputation by being an integral and influential part of energy policy development and decision making in Ontario. We represent Ontario’s energy leaders that span the full diversity of the energy industry. OEA takes a grassroots approach to policy development by combining thorough evidence based research with executive interviews and member polling. This unique approach ensures our policies are not only grounded in rigorous research, but represent the views of the majority of our members. This sound policy foundation allows us to advocate directly with government decision makers to tackle issues of strategic importance to our members.

The OEA acknowledges the efforts of the IESO in the evolution of the planning process to provide more data and increase participant’s understanding of the evaluation criteria. While there has been progress on this issue there remains substantial work to increase transparency and clarity of the IESO planning process especially as the province enters a period of tight capacity supply and the potential need for new resources.

It is recognized contracted resources may not continue to operate upon the expiration of their contract but the manner in which the APO accounts for expiring contracts promotes confusion. The tables and figures within the report flip flop between including contracted capacity in the evaluation process and not including the capacity. For example, Table 4 includes the effective capacity of all resources (contracted or not) while Table 5 does not include expiring contracts. It would provide greater clarity if each table presented both continued operation of all existing assets as well as not including capacity of expiring contracts. Presenting one table or figure with one scenario then presenting a

separate figure with another scenario introduces confusion whereas presenting each figure with both scenarios provides the audience the ability to evaluate all information.

In conclusion, the OEA looks forward to the continued evolution of the Annual Planning Outlook process and how the report's output is integrated into the Resource Adequacy process.