

Feedback Form

2020 Annual Planning Outlook Engagement – January 26, 2021

Feedback Provided by:

Name: Mark Thompson

Title: Manager, Regulatory & Compliance

Organization: TC Energy

Email: [REDACTED]

Date: February 17, 2021

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>	<p>TC Energy appreciates the opportunity to provide feedback on the IESO's 2020 APO.</p> <p>Each section is helpful as they integrate to create a cohesive view on Ontario's future energy and capacity needs.</p> <p>TC Energy supports the inclusion of the sections on zonal adequacy and transmission security to the 2020 APO and encourages the IESO to continue to provide such information in future APOs.</p>
<p>What do you want to read more about?</p>	<p>Please refer to the comments in section 3 below.</p>
<p>What key factors, uncertainties, and additional considerations should the IESO include in future outlooks?</p>	<p>TC Energy recommends that the IESO supplement future APOs with a comparison and discussion on the differences between the current demand forecast and supply outlook with those from the prior year's APO. This would provide stakeholders a comparison baseline to reconcile and validate the current forecast and outlook.</p> <p>TC Energy supports the IESO's scenario-based approach in its APO and recommends the following, which would be helpful to stakeholders:</p> <ol style="list-style-type: none"> 1. While the use of two scenarios to address the uncertainty regarding the pace of economic recovery from the pandemic is reasonable considering the circumstances, it is not clear which scenario (or a blend of the two) the IESO intends to use for its future planning and Resource Adequacy assessments. Consequently, TC Energy recommends that the IESO provide a Reference Case similar to its approach in the 2019 APO so that stakeholders know which scenario the IESO will use. 2. The result that Ontario's supply mix is substantially unchanged between 2022 and

Topic	Feedback
	<p>2040 is surprising. This appears to be driven by an assumption that all existing generation is re-acquired or in any event remains in operation throughout the study period. In recent years, several generators coming off long-term contracts were not re-acquired and retired. TC Energy requests that the IESO reconsider this assumption.</p> <p>3. TC Energy recommends that IESO incorporate the recent carbon price path announced by the Federal Government in December 2020 into the Reference Case (see #1 above) for the 2021 APO if it appears that its implementation in Ontario (or the implementation of a similar provincial plan) is the most likely outcome.</p> <p>4. If IESO elects not to include the Federal Government’s announced December 2020 carbon price path in its reference case, TC Energy recommends that the IESO include a high carbon price scenario to capture possible future decarbonization policies. This scenario could also capture shifts in demand due to electrification and the transition towards clean technology. We believe that including a higher carbon price scenario would facilitate prudent planning.</p>

2020 Annual Planning Outlook Modules, Methodology, and Supplemental Data

Topic	Feedback
Are the assumptions, inputs, and methodology reasonable?	Yes, TC Energy supports the “end-use forecast methodology”.
What information do you want to see more of?	Please refer to the comments in section 3 above.

General Comments/Feedback