

Feedback Form

Gas Phase-Out Impact Assessment – May 27, 2021

Feedback Provided by:

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Date: June 17, 2021

To promote transparency, feedback submitted will be posted on the Gas Phase-Out Impact Assessment webpage unless otherwise requested by the sender.

Please provide feedback by June 17, 2021 to engagement@ieso.ca. Please use subject:

Feedback - Gas Phase-Out Impact Assessment

Questions

Topic	Feedback
<p>Are there additional considerations the IESO has not identified in defining the scope of the assessment to examine the reliability, operability, timing, cost and wholesale market implications of reduced emissions on the electricity system?</p>	<p>The report should consider the Long Term Energy Plan (LTEP) and the vital role that gas will play in ensuring achieving that plan including consideration of other scenarios and alternatives under LTEP.</p> <p>More specifically, the analysis should consider the role that gas will play in ensuring reliability and low carbon electricity, supporting electrification in Ontario, and decarbonizing other sectors (such as transportation) to achieve Ontario's future climate change objectives. We also ask the IESO consider the important role that gas plays in cogeneration and serving industrial needs as well as providing competitively priced and efficient energy and operating reserves. The IESO should study the economic impact on Ontario's economy, cost of electricity (and system reliability), and impact on existing industry if natural gas cogeneration is phased out.</p> <p>The report needs to consider the evolution of the gas-fired generation in a carbon constrained environment. The report should consider pathways for low carbon gas including renewable natural gas and hydrogen blending, the funding and timing of expected deployment, and the reductions to the carbon emissions intensity of natural gas generation and overall carbon footprint in Ontario from these actions.</p> <p>The report should also consider the system impacts of supply mix changes including the impact of renewables on system inertia and how those reliability requirements would be met if gas generation was reduced on the system.</p>

General Comments/Feedback

TransAlta owns gas-fired, wind and hydro generating resources in Ontario and understands the important and critical role that natural gas-fired generation plays in Ontario's electricity system. We support the IESO work to assess and fully understand the current and future role of natural gas in Ontario not only from an electricity system perspective but also the need it serves for consumers and industry and its importance to transition to electrification, which more broadly supports decarbonization of other sectors. We respectfully ask to be included in the stakeholder engagement activities related to this initiative.