

# Feedback Form

## Gas Phase-Out Impact Assessment – May 27, 2021

### Feedback Provided by:

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Date: June 15, 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](mailto: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> | <ul style="list-style-type: none"><li>- The cost assessment should incorporate the federal carbon shadow pricing to compare amongst different generation options for a more fulsome analysis of the financial implications of reducing emissions of the electricity grid (i.e. \$170/T in 2030 extended out to \$320/T in 2040 using the increase of \$15/year established within Canada's Greenhouse Gas Pollution Pricing Act).</li><li>- The year 2040 should be used in all 3 scenarios as the time horizon to be assessed (instead of 2030) to avoid any penalties from early termination of existing natural gas contracts which could skew the cost assessment of energy generation alternatives. This longer time horizon would also provide for a more realistic timeframe for the potential transition away from gas fired generation.</li><li>- The costs of refurbishing the Bruce and Darlington nuclear plants should be incorporated into the cost assessment and not just the current cost per unit of electricity produced by nuclear generators.</li><li>- In the scenarios where natural gas are still included within the supply mix, the role of blue hydrogen should also be included within the scope of assessing an alternative supply mix of new resources for the industrial sectors that are more difficult to decarbonize as it can also address the local and regional reliability that natural gas generation currently provides.</li></ul> |

## General Comments/Feedback

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