ED Interrogatory #039

Issue Number: 6.5
Issue: Are the test period expenditures related to extended operations for Pickering appropriate?

Interrogatory

Reference:
Reference: Ex. F2-2-3, Attachment 1

The September 2016 Mandate Letter to the Minister of Energy asks that he "Continue to partner and collaborate with the Province of Québec on key energy issues, including ... In co-operation with the IESO and Hydro-Québec, further the intention to explore an electricity trade agreement that would provide value to Ontario ratepayers."

(a) Please compare the net present value of the overall costs and benefits of following three scenarios:
   i. OPG's proposal to continue operating Pickering until 2022/2024;
   ii. Pickering shutdown in August 31, 2018, with replacement power to come from an electricity trade agreement with Quebec (to the extent that it is technically feasible, with any additional power that cannot be imported to be provided by the next least-cost alternative); and
   iii. Pickering shutdown in December 31, 2020, with replacement power to come from an electricity trade agreement with Quebec (to the extent that it is technically feasible, with any additional power that cannot be imported to be provided by the next least-cost alternative).

Please make best efforts to estimate the cost of replacement power from an electricity trade agreement with Quebec. Please include provisos is necessary. Please consider including a number of agreement scenarios or ranges to address uncertainty regarding the terms of such an agreement. Please indicate and state assumptions and calculations.

Response

Witness Panel: Nuclear Operations and Projects