ED Interrogatory #030

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

Interrogatory

Reference:
Reference: "Pickering extension to 2022/2024 yields a net benefit in the range of \$0.3B-\$0.6B…" Exhibit F2-2-3, Attachment 1, Page 6 of 116

Please re-calculate the net benefit of the Pickering extension to 2022/24 using the IESO's *best current estimates* for each year of:

a) Pickering's available capacity (MW) at the time of Ontario's peak annual demand;

b) Pickering's fuel and operating cost per kWh;

c) Pickering's incremental capital expenditures to permit its extension to 2022/24;

d) The natural gas price at Henry Hub;

e) Ontario's carbon price;

f) Ontario's incremental peaking requirements (MW) to meet the NPCC resource adequacy criterion if Pickering is not extended to 2022/24;

g) Ontario's least-cost combination of resources to meet the NPCC resource adequacy criterion if Pickering is not extended to 2022/24.

Please also re-calculate the net benefit of the Pickering extension to 2022/24 using all of the above-noted assumptions with the following exception, namely, substitute the NYMEX natural gas futures prices at Henry Hub for the IESO's best estimate of the natural gas prices at Henry Hub.

Please fully describe your analysis and state and justify your assumptions.

Response

Witness Panel: Nuclear Operations and Projects