ED Interrogatory #028

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

With reference to the above captioned study, please provide its assumptions with respect to the following inputs for each year of its analysis:

(a) Pickering's total installed capacity (MW);

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

(c) Pickering's generation (MWh);

(d) The avoided generation (MWh), by fuel type, as a result of Pickering's extended operation;

(e) Pickering's rolling average forced loss rate as defined by OPG's *2015 Nuclear Benchmarking Report;*

(f) The installed capacity (MW) of the replacement peaking generation capacity;

(g) The available capacity (MW) of the replacement peaking generation capacity at the time of Ontario's peak annual demand;

(h) Pickering's fuel and operating cost per kWh;

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

(j) The natural gas price at Henry Hub;

(k) Ontario's carbon price;

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

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(m) Ontario's cost per MW of incremental peaking requirements to meet the NPCC resource adequacy criterion if Pickering is not extended to 2022/24.

Response

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