

1 Q. Reference: *Energy Supply Risk Assessment, May 2016, Page 18, Lines 18-22.*
 2 *“For the purposes of this investigation, it was assumed that the Holyrood thermal*
 3 *units are de-rated in accordance with Table 4. These de-ratings were based on*
 4 *analysis and recommendations from Hydro’s Asset Management team.”*
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Table 4 – Assumed De-Rated Capacity for Holyrood Units

<i>Unit</i>	<i>Nameplate Rating (MW)</i>	<i>De-Rated Capacity (MW)</i>
<i>Holyrood Unit 1</i>	<i>175</i>	<i>150 (160 Emergency)</i>
<i>Holyrood Unit 2</i>	<i>175</i>	<i>150 (160 Emergency)</i>
<i>Holyrood Unit 3</i>	<i>150</i>	<i>140 (150 Emergency)</i>

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7 Please explain whether or not Hydro has finalized the de-rated capacity of Holyrood
 8 Units 1, 2 and 3 on a go forward basis until the integration of the Muskrat Falls
 9 project?
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13 A. Hydro has not yet finalized the de-rated capacity of Holyrood Units 1, 2, and 3 on a
 14 go forward basis until the integration of the Muskrat Falls project. Work is
 15 underway including additional tube thickness measurements and calculations by
 16 the original equipment manufacturer of the Unit 3 boiler. A consultant, AMEC, has
 17 been engaged to provide their recommendation for an appropriate rating on a go
 18 forward basis for Units 1, 2 and 3. It is expected that this report will be available by
 19 the end of July 2016.

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21 As discussed in the response to IC-NLH-041, Hydro expects that the de-rated
 22 capacity, once finalized, will not change until integration of the Muskrat Falls
 project. However, boiler tube inspections will continue on an annual basis. If

- 1 corrosion trends are revealed that impact the reliability of the boiler tubes then
- 2 alteration of the de-ratings could occur.