

1 Q. Regarding 'Batch 6 MHI-Nalcor-49.1 Fuel Cost.xls'

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3 a. In Exhibit 10a – Energy Balance, for years 2010-2014 the total energy generated
4 by Holyrood is different than that indicated in the above-referenced response
5 file for Holyrood Production (GWh). Please explain the difference.

6 b. Please provide the remaining Energy Balance tables following the table formats
7 in Exhibit 10a, in Excel and PDF Files, for the years 2015-2067.

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10 A. a. Holyrood production for years 2010-2014 is different in 'Exhibit 10a' than in
11 'Batch 6 MHI-Nalcor-49.1 Fuel Costs.xls' because different forecasts were used in
12 each case.

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14 The load forecast used for the 2010 generation expansion runs and thus for 'Batch 6
15 MHI-Nalcor-49.1 Fuel Costs.xls' was the *2010 Planning Load Forecast – May 2010*,
16 as noted in 'Exhibit 1 _Total Island Interconnected Load Forecast.xls' and 'Exhibit 1
17 Addendum PLF Outline and Tables.pdf'. The forecast used in 'Exhibit 10a' was the
18 *Operating Load Forecast – December 2009*, as noted on Page 1 of 25. The Operating
19 Load Forecast was not used as the load input to Strategist.

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21 The Planning Load Forecast is a long term annual forecast used to develop Hydro's
22 generation expansion plans. The Operating Load Forecast is a short term (five years)
23 monthly forecast used for budgeting purposes and system operation planning.

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25 As noted in the title of 'Exhibit 10a – Hydroelectric and Wind Energy – Monthly
26 Energy Production Forecasts', the purpose of 'Exhibit 10a' was to illustrate the
27 monthly breakouts for hydroelectric and wind energy and detail how they were

1 input into Strategist. Differing total system energy requirements in the different
2 forecasts led to different production levels for Holyrood.

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4 The energy production numbers from Holyrood for 'Exhibit 10a' were not meant to
5 be used in anywhere else in this exercise and were only given for 2010 – 2014, not
6 for the full 2010 – 2067 period of the study.

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8 b. Please refer to CE-59 and Exhibit 100 which illustrate that energy production figures
9 from the Strategist runs for the Island Isolated and Island Interconnected
10 alternatives, created using the 2010 PLF from Exhibit 1, match the energy
11 production figures in 'Batch 6 MHI-Nalcor-49.1 Fuel Cost.xls' for the years 2010-
12 2067.