

1 Q. Provide a copy of the entire supply pricing analysis undertaken by Nalcor referred
2 to in Exhibit 36.

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5 A. Confidential Exhibit CE-61 provides an excel worksheet model framework prepared
6 by PWC for Nalcor. This model was used to originally estimate the economic cost of
7 production for the Muskrat Falls project. This supply price was a function of capital
8 and operating costs, firm energy output of 4.5 TWh, and an 11 percent return to
9 capital. The escalating supply price was calculated to be \$76/MWh in 2010\$, with
10 an annual 2% general inflation escalator applied to it thereafter.

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12 Once the escalating supply price of \$76 /MWh had been estimated, the next step
13 was to use this price to derive project revenue, cash flows and shareholder returns
14 for Muskrat Falls assuming that the Island was the only firm market and that the
15 remainder of the production potential for the plant would be spilled. The return to
16 capital generated by the Island sales profile, coupled with the escalating supply
17 price, was calculated to be 8.4%. (The excel workbook analysis for this step has
18 been previously provided in Exhibit 15 with additional detail provided in MHI-
19 Nalcor-58 (including Confidential Exhibit CE-53) and MHI-Nalcor-117.) Nalcor
20 deemed this return to be acceptable for the Muskrat Falls investment. While the
21 8.4% return is currently below the long run forecast of return on equity for utilities,
22 it was recognized that Muskrat Falls would have opportunities to realize additional
23 revenues for the operational period before Island requirements fully utilized
24 Muskrat Falls' production potential.