

1 Q. On page 56 of the Upgrade Transmission Line Corridor Report the beginning of
2 paragraph 2 states: “There are other unquantified benefits of a new line, such as
3 reduction in losses.” In the same paragraph, Hydro begins to quantify the MW loss,
4 and on page 60 quantifies the reduction in economic losses. Are there other loss
5 reductions that are not listed within this paragraph that this sentence refers to? If
6 so, what are they and why are they not quantified?

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9 A. On page 56 of the report the beginning of paragraph 2 should read: “There are
10 other benefits of a new line, such as reduction in losses.” The quantified
11 transmission system loss values in Section 7.0 were used to illustrate the benefits of
12 the third BDE-WAV transmission circuit to reduce losses. For the purposes of this
13 analysis, a high-level approach was taken to illustrate the potential transmission
14 system loss reduction under two operating conditions, effectively varying the
15 magnitude of power flow through the BDE-WAV transmission corridor, from heavily
16 to lightly loaded. It is difficult to quantify the transmission system losses in detail as
17 the losses depend on the configuration of the Island Interconnected System at the
18 time and customer loads.