

1 Q. The HVdc Labrador-Island Link is a large energy and capacity link to a relatively
2 small system. Exhibit 29 Rev 1, pgs. 33 & 34 addresses some of the concerns with
3 providing standby generating and the cost of energy loss for an extended outage to
4 the bipole. Has Nalcor made similar allowances in its current studies?
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7 A. Exhibit 106, Technical Note: Labrador – Island HVdc Link and Island Interconnected
8 System Reliability, compares the level of exposure and unserved energy due to a
9 transmission outage for both the Interconnected Island and Isolated Island options.
10 The analysis indicates that for the Interconnected Island option the level of
11 exposure is similar to the Isolated Island option today. In terms of level of exposure
12 the availability values for the Isolated Island and Interconnected Island are very
13 similar in the long term with both options providing energy availability values in
14 excess of 99% and unsupplied energy values less than 1% of the annual energy
15 forecast in any year. Further the analysis demonstrates the improvements afforded
16 by imports via the Maritime Link for an outage to the Labrador – Island Link.