

1 Q. Has a report been completed on the entire 230kV transmission system from Bay
2 d’Espoir to St. John’s to identify the required upgrading for the Isolated Island
3 Option and for the Labrador Infeed scenario. If yes, provide a copy. If not, why not?
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6 A. The analysis to support the required upgrades is provided in Exhibit 24, *“Island*
7 *Transmission Outlook”*. Confidential Exhibit CE-10, *“HVdc Sensitivity Studies”*, and
8 Exhibit 114 *“Upgrade Transmission Line Corridor Bay d’Espoir to Western Avalon”*
9 provide additional detail for the required upgrades to the 230 kV transmission
10 system east of Bay d’Espoir. These analyses are based on the assumption that
11 previous works, including the installation of the shunt capacitor bank at Come By
12 Chance, are completed.
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14 The Island Transmission Outlook is updated on an annual basis to confirm the
15 requirement and timing of transmission expansion plans previously identified and
16 to identify longer term expansions that should be incorporated into the 20 year
17 capital plan. For the Bay d’Espoir- East system, with the exception of those
18 identified in the Exhibits referenced above, no further upgrades are required during
19 the planning horizon. Any upgrades to the 230 kV system east of Soldiers Pond /
20 Holyrood beyond the planning horizon would be common to both expansion plans,
21 and would not affect the relative CPW difference between the Interconnected
22 Island and Isolated Island expansion plans.