

1 Q. On page 22 of the Upgrade Transmission Line Corridor Report it is noted that
2 imports at Soldiers Pond can be increased to alleviate overloads on the 230kV
3 system in a post contingency situation. Explain in detail any restrictions on the use
4 of the Labrador Island Link in these situations including how much can be supplied
5 and how fast the response can be.

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8 A. It is assumed that the full rating of the Labrador-Island HVdc Link is available in
9 response to disturbances in the Island Interconnected System. When operating as a
10 bipole, the link may therefore be loaded to a maximum of 450 MW per pole or to a
11 minimum of 45 MW per pole, as required.

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13 HVdc ramp rates are set in accordance on parameters specified by SNC-Lavalin in
14 Appendix C10, as discussed in Hydro's response to PUB-NLH-051. The HVdc system
15 can ramp from 0 MW to 450 MW per pole in 100 ms.