On page 6 of Hydro's Summary Report, Hydro notes that "[t]he material repair time requirement for the submarine cable justifies the spare cable, which is being constructed and will be maintained in service." Section 5.2.1.3 of the Teshmont Report notes that "the loss of a pole would require the loss of two cables". Please provide rationale for Hydro's statement considering the statement in the Teshmont Report.

Q.

A. The Labrador-Island HVdc Link bipole is designed to operate using three HVdc cables for the Strait of Belle Isle crossing. Each of the two HVdc poles has a dedicated cable, while the third cable is an in-service spare that may be switched to either pole for overload purposes or to operate in place of a failed cable. This system is illustrated in Figure 1.

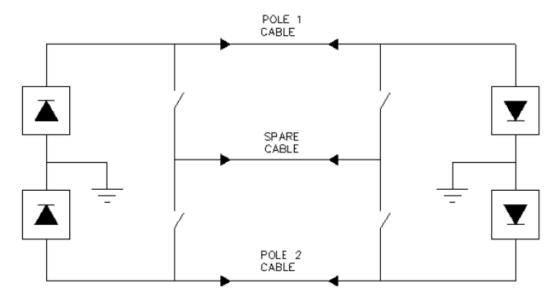


Figure 1 - Labrador-Island HVdc Link Cable Scheme

Island Interconnected System Supply Issues and Power Outages

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1	As illustrated, the complete loss of a pole would require the loss of a dedicated pole
2	cable and the spare cable.
3	
4	Without the spare, the loss of a single cable would result in an outage to one pole.
5	In addition, due to the limited overload capacity of the cables, the healthy pole
6	could not be overloaded for more than five minutes. The resulting reduction in the
7	capacity of the Labrador-Island HVdc Link would be sustained until the cable repair
8	could be completed. As documented in the study, such a repair could take up to six
9	months.