

1 Q. Please explain whether the dc switchgear at the converter stations and the  
2 converter stations themselves will be designed such that the Labrador Island Link  
3 can operate in metallic return mode, i.e. use the HVdc conductor on the pole that is  
4 out of service as a return conductor, if long term operation with ground return  
5 becomes prohibited.

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8 A. Yes, the dc switchgear at the converter stations will be designed to operate in  
9 metallic return mode for operating scenarios in which a pole converter is out of  
10 service and both pole conductors are in service.

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12 Please refer to the detailed single line diagrams referred to in Hydro's response to  
13 PUB-NLH-246. A Metallic Return Transfer Breaker (MRTB) is installed on the  
14 electrode line to facilitate the reconfiguration of the converter from monopole to a  
15 metallic return mode of operation. Operation of the Ground Return Transfer Switch  
16 (GRTS), Neutral Bus Switch (NBS) and the MRTB will transfer current from the  
17 electrode line to the pole conductor.