Q. Will the Labrador Island Link be designed so that it can be operated continuously or for several hours with reduced dc voltage? If continuous operations with low dc voltage will be possible, please state the continuous power rating for this operating condition.

A. The Labrador – Island HVdc Link is being designed so that it can operate continuously with reduced dc voltage. The continuous power rating in reduced dc voltage mode is as follows:

- Continuous reduced dc voltage – bipole mode:
  - ±280 kV;
  - 1286 A per pole;
  - Rated power at rectifier (Muskrat Falls): 720 MW (360 MW per pole); and
  - Rated power at inverter (Soldiers Pond): ~ 650 MW (325 MW per pole)[1].

[1] The 650 MW value is calculated based upon the available data. The vendor is to provide the rated power in continuous reduced dc voltage operating mode at the inverter following final design.