

1 Q. Will a power systems study consultant, independent from the two HVDC
2 manufacturers, be retained to perform steady state, stability and transient studies
3 to validate the performance of the Labrador Link, the Maritime Link, the
4 synchronous condensers, power system stabilizers and other devices that may
5 interact with each other? If yes, are agreements in place for the various
6 manufacturer's models to be provided to the independent consultant? If no, what
7 are the plans to validate the performance?
8
9

10 A. Hydro and Emera have formed a System Planning Integration Working Group and
11 have been meeting on a regular basis for the past two years to ensure the
12 successful integration of both the Labrador – Island HVdc Link and the Maritime
13 Link into the Island Interconnected System, the Nova Scotia system and the greater
14 North American grid. This group is leading the joint modeling exercise to ensure
15 that both vendors are using the same system models during the design phase of the
16 projects. The vendor-developed models for each link will be provided to this group
17 upon completion of design and validation studies for use in the necessary
18 operational studies prior to final commissioning of the links. In addition, Nalcor has
19 engaged TransGrid Solutions Inc. of Manitoba as an independent HVdc consultant
20 to assist in the design review and validation process.