Q. Consumer Question: Reliance on a 900 MW link from Labrador to Newfoundland could substantially increase the operating reserve requirements on the island.

(a) Please explain how operating reserves are managed on the island today and how this will change under the interconnection scenario.

(b) How do Nalcor's plans with respect to operating reserve in an interconnected scenario compare with NPCC requirements?

A. (a) Please refer to Exhibit 106 for a review of this matter.

(b) To the extent that disturbances to Newfoundland's electrical system are not expected to affect the operation of other NPCC member systems, Nalcor does not anticipate NPCC to require changes to the operational approach to the Newfoundland system as a result of the interconnection of the Island with Labrador through the Labrador Island Transmission Link.

As indicated in Nalcor's response to PUB-Nalcor-140, the HVdc link provides a high degree of control over the interconnection between the Labrador and Island systems for many events. In effect, the Newfoundland electricity system is 'firewalled' from the Labrador system by the HVdc interconnects, thus preventing events on the Newfoundland system from cascading into Labrador.

The same would be true for the case of the Maritime Link with Nova Scotia.