

1 Q. Further to the response to PUB-NLH-014, will any changes be required in the  
2 operational guidelines for the Island Interconnected System (IIS) once Hydro starts  
3 receiving power over the LIL? If yes explain in detail the changes and the potential  
4 consequences for the reliability of the IIS.

5  
6  
7 A. Operational studies are being undertaken in preparation for the interconnection of  
8 assets into the Newfoundland and Labrador Transmission System. The studies will  
9 identify system impacts and operating limits to allow for the development of  
10 Operating Instructions for Hydro's Energy Control Centre operators in accordance  
11 with system operating criteria. Where criteria violations are discovered, system  
12 operating limits and/or mitigations will be implemented.

13  
14 Operational studies have been staged to match the anticipated in-service date of  
15 the new assets and are summarized as follows:

- 16 1) STAGE I - Addition of the Maritime Link
- 17 2) STAGE II - Addition of the Soldiers Pond Synchronous Condensers
- 18 3) STAGE III - Addition of the Labrador Island Link and Labrador Transmission Asset
- 19 4) STAGE IV - Addition of Muskrat Falls Generation

20  
21 STAGE I and STAGE II are complete. The STAGE III study is underway and is  
22 anticipated to be completed by the end of 2017. As this study is not yet complete,  
23 Hydro is unable to provide a detailed summary of operational guidelines associated  
24 with the Labrador-Island Link (LIL) and Labrador Transmission Assets (LTA).

25 However, it can be stated that the studies will confirm the LIL and LTA operating  
26 limits to ensure that there are no adverse impacts with respect to the reliable  
27 operation of the transmission system and thereby, service to customers.