

1 Q. Further to GRK-NLH-068, please provide an update as to the status of the
2 operational studies which were scheduled to be completed in 2015-2016.
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5 A. Hydro, Nova Scotia Power (NSPI) and Emera Newfoundland Limited (ENL) are in
6 possession of PSS®E vendor models for both HVdc links. Hydro, NSPI and ENL are in
7 the process of completing a joint study to assess the requirements for Maritime
8 Link (ML) load reductions (commonly referred to as “runbacks”) for transmission
9 contingencies within the Newfoundland and Labrador interconnected transmission
10 system. This joint study will feed the controls design as well as the
11 telecommunication requirements on the Island of Newfoundland to integrate the
12 ML. This joint study is, in essence, the first step in the overall operational studies
13 envisioned for the projects. The joint study is scheduled for completion August 30,
14 2015. With the appropriate ML runbacks defined, Hydro will be in a position to
15 begin the necessary operational studies to define the Labrador - Island HVdc Link
16 (LIL) operating guidelines, acceptable system generation dispatches, transmission
17 constraints, synchronous condenser dispatches and overall system operating
18 limitations, which, inevitably feed into the operating instructions for the newly
19 interconnected systems.
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21 The operational studies also include the analysis of emergency supply and reserve
22 sharing with neighbouring utilities in the Maritimes. The status of these
23 components is provided in Hydro's response to PUB-NLH-502.
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25 Given the complexity of and level of detail required for the analyses, Hydro
26 anticipates that the operational study phase, while initiated in April of 2015 with

- 1 the ML runback study, will continue through 2016 and culminate with the
- 2 development of temporary operating instructions during the commissioning phase
- 3 and permanent operating instructions for project completion.