

**Investigation and Hearing into Supply Issues and Power Outages  
on the Island Interconnected System - Phase Two**

**Information to be filed by Newfoundland and Labrador Hydro<sup>1</sup>  
May 3, 2017**

1. Current integrated transition work plan and schedule (PUB-NLH-501, Liberty Report, page 79, Recommendation IV-6 and page 106, Recommendation VI-1).
2. Current organizational structure for transition teams (PUB-NLH-500, Liberty Report, page 107, Recommendation VI-3 and VI-4).
3. Current schedule for completion of LIL and ML.
4. Any change in design of the LIL from that described in Chapters III and IV of the Liberty Report, August 19, 2016 (“Liberty Report”).
5. Update on service support agreements and copies of any such agreements (Liberty Report, page 27).
6. Update on studies for HVdc converter station contractors’ studies and copies of any completed study (Liberty Report, page 79, Recommendation IV-2).
7. Update on Emergency Restoration Plans and copies of any draft or final plans (PUB-NLH-503 and Liberty Report, page 107, Recommendation VI-11).
8. Update on arrangements for use of LIL and copies of any contracts regarding same. (NP-NLH-158)
9. Update on interaction studies between the IIS and the ML completed since Preliminary Interconnection Studies dated August 2014, including with the ML in and out of service (Liberty Report, page 34, Recommendations III-3 and PUB-NLH-524).
10. Update on study regarding additional reactive power (PUB-NLH-531).
11. Update on Emergency Power / Reserve Sharing arrangements (PUB-NLH-502, PUB-NLH-593 and Liberty Report, page 71 and page 102-103).
12. Update on Frequency Controller study for the ML (PUB-NLH-521).
13. Systems Studies to determine reserve sharing between LIL and IIS generation (PUB-NLH-564, Liberty Report, page 71).

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<sup>1</sup> References to RFIs and Liberty Report are to provide background and/or context for the requested information.

14. Update on agreements regarding Recall Power supply over LIL, including amounts available for the Labrador Interconnected system and IIS with relevant time frame (PUB-NLH-280).
15. Update on technical requirements regarding use of Recall Power on the IIS, including addition of synchronous condenser (PUB-NLH-630, Attachment 1).
16. Updated Energy Supply Risk Assessment Post Muskrat Falls (Liberty Report, page 87, Recommendation V-3 and page 112, Recommendation V-3).
17. Update on planning criteria applicable post Muskrat Falls (PUB-NLH-539 and PUB-NLH 540).
18. Update on Power Supply over the ML including status of negotiations with potential suppliers (NP-NLH-160, PUB-NLH-620 and Liberty Report, page 87, Recommendation V-1).
19. Bay d'Espoir instabilities studies (PUB-NLH-511, PUB-NLH-564 and Liberty Report, page 79, Recommendation IV-4).
20. Underfrequency Load Shedding scheme post Muskrat Falls (PUB-NLH-527, PUB-NLH-535, PUB-NLH-537 and Liberty Report, page 71).
21. Operational Studies regarding IIS post Muskrat Falls (PUB-NLH-445, PUB-NLH-486 and PUB-NLH-563).
22. Update on multi-year reliability compliance program and Provincial Reliability Framework (Liberty Report, Recommendations VI-15, page 106).
23. Status of plan for compliance with NERC (Liberty Report, page 101-102 and Recommendation VI-14, page 106).
24. Operating Guidelines for operation of IIS with LIL and with the ML in service and the ML out of service.

### **Glossary of Acronyms**

<b><u>Abbreviation</u></b>	<b><u>Title</u></b>
IIS	Island Interconnected System
LIL	Labrador Island Link
ML	Maritime Link
NERC	North American Electric Reliability Corporation