

IN THE MATTER OF the *Electrical Power Control Act*, 1994, SNL 1994, Chapter E-5.1 (the "EPCA") and the *Public Utilities Act*, RSNL 1990, Chapter P-47 (the "Act"), as amended;

AND IN THE MATTER OF the Board's Investigation and Hearing into Supply Issues and Power Outages on the Island Interconnected System.

**ISLAND INDUSTRIAL CUSTOMERS
REQUESTS FOR INFORMATION
IC-NLH-1 to IC-NLH-11**

Issued: July 2, 2014

IN THE MATTER OF the *Electrical Power Control Act*, 1994, SNL 1994, Chapter E-5.1 (the "EPCA") and the *Public Utilities Act*, RSNL 1990, Chapter P-47 (the "Act"), as amended;

AND IN THE MATTER OF the Board's Investigation and Hearing into Supply Issues and Power Outages on the Island Interconnected System.

REQUESTS FOR INFORMATION OF THE ISLAND INDUSTRIAL CUSTOMERS
IC-NLH-1 to IC-NLH-11

IC-NLH-1

Reference: PUB-NLH-014. In its response, Hydro advised that its winter peak forecast is prepared in the May to June time period. Has Hydro prepared its winter peak forecast? If yes, please provide details of same. If no, when will it be completed?

IC-NLH-2

Reference: PUB-NLH-014. In its response, Hydro advised that it sometimes prepares an update of its winter peak forecast in the late Fall. Will Hydro be preparing an update of its winter peak forecast this coming Fall? If yes, when is it anticipated to be completed? If no, why not?

IC-NLH-3

Reference: PUB-NLH-021. In its response, Hydro states that "an extended demand management program is not required, nor can it be appropriately studied and economically justified in the timeframe being considered." What does Hydro means by "extended" in the foregoing response? What "timeframe" is being referred to in the foregoing response?

IC-NLH-4

Please provide copies of all studies, reports, and analyses of potential demand management measures prepared internally by Hydro, and externally for Hydro, since January 2005. As part of this response, please provide copies of any studies, reports and analyses where consideration of potential demand management measures was within the scope of a study, report or analysis of a broader issue, such as for example generation planning.

IC-NLH-5

Please provide a list of all jurisdictions which, to Hydro's knowledge, have an isolated (non-interconnected) power grid. Has Hydro reviewed the reliability and demand

management practices of any of these jurisdictions? If yes, please provide the information obtained by such review. If no, why not?

IC-NLH-6

Reference: PUB-NLH-022. In its response, Hydro states that it is reviewing its customer conservation initiatives, used in the December 2013/January 2014 power disruptions, as part of its internal review. Has that review of customer conservation initiatives been completed? What enhanced or new customer conservation initiatives have been identified by that review? Will any enhanced or new customer conservation initiatives be in effect for December 1, 2014?

IC-NLH-7

Reference: PUB-NLH-51. In its response, Hydro stated, in response to the inquiry as to why Hydro waited until 2:30 pm on January 2, 2014 to issue a conservation request, that it "also considered the public perception of using a conservation request if it ended up not being required, including public confidence in the power system and ensuring appropriate and effective public response when required." How, in such circumstances as existed starting from December 30, 2013, would Hydro have been able to ascertain that a conservation request would not end up being "required"? Does the word "required" as used by Hydro in its response mean something different from "prudent"? Describe, in detail, what criteria will Hydro utilize in the future to decide whether a conservation request is prudent.

IC-NLH-8

Reference: PUB-NLH-072. In its response, Hydro advises that the Hardwoods Gas Turbine was taken off-line due to the discovery of cracks in the rotor retaining rings on inspection of the Stephenville Gas Turbine in 2012, raising a "catastrophic failure risk". Please provide all records of all inspections of the rotor retaining rings, for both the Hardwoods Gas Turbine and the Stephenville Gas Turbine, since the respective installation of those Turbines.

IC-NLH-9

Reference: PUB-NLH-072. In its response, Hydro advises that the Hardwoods Gas Turbine was taken off-line due to the discovery of cracks in the rotor retaining rings on inspection of the Stephenville Gas Turbine in 2012, raising a "catastrophic failure risk". Please provide copies of all manuals, reports, notices, bulletins, and any other form of advisories identifying this risk issued by the manufacturer, or by others, and advise as to how and when any Hydro personnel first received any such manuals, reports, notices,

bulletins, and any other form of advisories identifying this risk.

IC-NLH-10

Please provide a breakdown of the person-hours, per year, dedicated by Hydro employees, and the employees of contractors of Hydro, to the Wood Pole Line Management Program, since its inception, and including actual and projected person-hours for 2014.

IC-NLH-11

Please provide a breakdown of the person-hours, per year, dedicated by Hydro employees, and the employees of contractors of Hydro, to the inspection and maintenance of Hydro's terminal stations and substations, starting from 2005 and including actual and projected person-hours for 2014.

DATED at St. John's, in the Province of Newfoundland and Labrador, this 2nd day of July, 2014.

POOLE ALTHOUSE

Per: 

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Per: 

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