

1 Q. Given the state of Newfoundland and Labrador Hydro's system, its planned
2 improvements, and its load forecast, please provide Newfoundland and Labrador
3 Hydro's expected load-generation events per year for 2015, 2016, and 2017.

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6 A. As noted in Hydro's application to the Board *Supply and Install 100 MW (Nominal)*
7 *of Combustion Turbine Generation – Holyrood – April 10, 2014*, Hydro proposes to
8 have a 100 MW (nominal) combustion turbine (CT) in service by late 2014 and the
9 Muskrat Falls Project and high voltage direct current (HVdc) interconnections
10 between Labrador and the island, and the island and Nova Scotia, in 2017. Based on
11 these assumptions, the current state of Hydro's system and its load forecast,
12 Hydro's expected load-generation events per year for 2015, 2016, and 2017, stated
13 as LOLH (Loss of Load Hours) are shown in Table 1. Please note that the forecast
14 shown is for the Island Interconnected System, not just Hydro's system.

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16 In addition, as noted in the application to the Board, for added security in the event
17 of higher demands, decreased reliability or for schedule slippage of the proposed
18 combustion turbine in service date, Hydro is proposing to negotiate interruptible
19 contracts with major Industrial Customers at least for 2014-2015. The LOLHs
20 resulting from adding a 100 MW CT in late 2014 + 60 MW of interruptible in 2015,
21 2016 and 2017 are also shown in Table 1.

Table 1: LOLH

	2015	2016	2017
Forecast Peak Demand (MW)	1,721	1,736	1,755
LOLH (Existing + 100 MW (nominal) CT in late 2014)	0.96	1.31	1.33
LOLH (Existing + 100 MW (nominal) CT in late 2014 + 60 MW interruptible starting in 2014)	0.41	0.58	0.64