

1 Q. Please provide the LOLE benefits that would arise from a hypothetical 10 MW
2 interruptible B program in 2015.

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5 A. A hypothetical 10 MW interruptible B program in 2015 and onward would have the
6 effect of reducing the LOLH for the Island Interconnected System. The actual
7 reduction would depend on the terms of the interruptible contract, i.e., with
8 respect to the number of requests that could be called on and the length of each
9 request. Please see Table 1 and Table 2 for details.

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11 Table 1 is a revision of Table 2.17 (Regulated Activities Evidence page 2.42 of the
12 General Rate Application, Volume 1 – Application and Evidence) – to the time of the
13 Muskrat Falls/Labrador Island Link in-service. This table is included in Hydro’s
14 response to CA-NLH-022. Table 2 illustrates the effect of the hypothetical 10 MW
15 interruptible B program in 2015 and onward.

Table 1

Island Interconnected System						
Load Forecast and Capacity and Energy Balances						
With Proposed Addition						
	<u>Load Forecast</u>		<u>Existing and Proposed</u>			
				<u>System</u>		
	Peak	Energy	Net Capacity	Firm		Energy
<u>Year</u>	MW	GWh	MW	Capability	LOLH	Balance
				GWh	hrs/yr	GWh
2013	1,570	7,990	1,946	8,940	0.97	950
2014	1,691	8,472	1,946	8,940	2.59	468
2015 ⁽¹⁾	1,721	8,745	2,006	8,940	3.91	195
2016	1,736	8,902	2,006	9,413	2.34	511
2017 ⁽²⁾	1,755	8,921	2,006	9,413	3.01	492

Notes:

1. 60 MW CT in-service 2015.
2. To the time of Muskrat Falls/Labrador Island Link in-service 2017.

Table 2

Island Interconnected System						
Load Forecast and Capacity and Energy Balances						
With Proposed Addition and 10 MW of Interruptible B						
	<u>Load Forecast</u>		<u>Existing and Proposed System</u>			
	Peak	Energy	Net Capacity	Firm Capability	LOLH	Energy Balance
<u>Year</u>	MW	GWh	MW	GWh	hrs/yr	GWh
2013	1,570	7,990	1,946	8,940	0.97	950
2014	1,691	8,472	1,946	8,940	2.59	468
2015⁽¹⁾⁽³⁾	1,711	8,745	2,006	8,940	3.31	195
2016	1,726	8,902	2,006	9,413	1.97	511
2017⁽²⁾	1,745	8,921	2,006	9,413	2.54	492

Notes:

1. 60 MW CT in-service 2015.
2. To the time of Muskrat Falls/Labrador Island Link in-service 2017.
3. Peak MW reduced by 10 MW to simulate the 10 MW Interruptible B program from 2015 onward.