

1 Q. **Preamble:** IOC seeks to understand the rates and methodology used to  
2 determine the transmission losses applicable to IOC's rates and  
3 invoices.

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5 Also, RFI IOC-NLH-019 was misinterpreted by NLH. In this RFI, "said  
6 transmission loss factor" referred not to the illustration of the Island  
7 loss factor, but to the transmission loss factor of the previous RFI.  
8 IOC therefore restates its RFI.

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10 **References:** (i) IOC-NLH-022

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12 (A) Please file or state NLH's network addition policy. Explain who contributes to  
13 the cost of or pays for network additions.

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15 (B) Please provide your load forecast for the next five years for western Labrador  
16 (currently 89 MW, page 2, line 10). Describe the market segments that drive  
17 growth. State how many requests and MW are requested for data centers?

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20 A. (A) Hydro's past practice with respect to network additions has been that network  
21 additions have been either: 1) specifically assigned to a single customer if the  
22 transmission addition was provided solely to provide service to that single  
23 customer; or 2) to treat the network addition as a common transmission asset.  
24 The recovery of costs related to specifically assigned transmission assets are  
25 recovered from the customer benefiting from the use of the specifically  
26 assigned asset. The recovery of costs related to common transmission assets are

1           generally recovered from the customers served by the common transmission  
2           system.

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4           Hydro is in the process of developing a network addition policy in preparation  
5           for meeting the requirements to provide open access transmission.

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7           (B) Please refer to Table 1, which provides the load forecasts prepared by Hydro for  
8           Labrador West in March of 2017 and in July of 2017.

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10           Note that neither of the load forecasts includes power and energy requirements  
11           associated with increased mining activity in Labrador West. The market segment  
12           that drives the growth in load in the July 2017 forecast is increased rural retail  
13           requirements of general service customers associated with data centers. As of  
14           July 2017, Hydro has received six service request applications from four  
15           individual companies with a total load requirement in Labrador West of  
16           approximately 50 MW. Please refer to Hydro’s response to LAB-NLH-59(b) and  
17           to lines 4-17, page 2 of 2 of Hydro’s response to IC-NLH-078.

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**Table 1 Load Forecasts for Labrador West**

	GRA Forecast March 2017		July 2017 Forecast	
	MW	GWh	MW	GWh
<b>2018</b>	326	2093	360	2226
<b>2019</b>	327	2100	372	2422
<b>2020</b>	328	2104	379	2476
<b>2021</b>	328	2104	379	2478
<b>2022</b>	328	2105	379	2478

Notes:

1. Forecasted loads reflect requirements at Wabush Terminal Station.
2. MW's reflect the sum of non-coincident peaks of Hydro Rural and Industrial customers.