Q. **Recapture Energy**

References:

(i) NLH 2017 GRA, Evidence, chapter 1, page 1.9

(ii) NLH 2017 GRA, Evidence, chapter 1, page 1.9, footnote 10

(i) « For 2018 and 2019, the availability of off-island purchases will primarily be from Recapture Energy. […]

For the period from 2018 until full-commissioning of the Muskrat Falls Project, the use of off island purchases could provide a reduction in the range of 1.3 to 2.3 TWh in Holyrood generation »

(ii) « 10 Under the terms of the Power Purchase Agreement between Hydro and Churchill Falls (Labrador) Corporation (CF(L)Co) (the NLH-CF(L)Co PPA), Hydro is able to, and does, purchase approximately 300 MW of Recapture Energy from CF(L)Co at a cost of 0.2¢ per kWh for use outside of the Province of Quebec. Hydro currently uses a portion of the Recapture Energy to supply its customers in Labrador (the Labrador Load) with the remainder of the Recapture Energy sold to Nalcor Energy Marketing (NEM) at a cost of 0.2 cents (¢) per kWh for resale in external markets.»

Please provide the detailed allocation of the Recapture Energy including the portion allocated to Labrador Industrial Transmission rate customers thorough the Development Energy Block or otherwise:

Customers	**Recapture Energy (av-MW)**			
	2016	2017	2018	2019
IOC				
Wabush mines				
Labrador Interconnected				
Newfoundland Power				
Island Industrial				
Out-of-Province sales (NEM)				
…				
Total =	300 MW	300 MW		

A. Recapture Energy is not allocated to any specific customer on the Labrador Interconnected System; therefore Hydro cannot complete the table as presented in the Request for Information.

There is a total of 306.9 MW[1] of Recapture capacity and 2,416.4 GWh of annual energy available at the Churchill Falls bus to service the Labrador Interconnected System electricity requirements. Through the Labrador Industrial Rates Policy announced by the Government of Newfoundland and Labrador in 2012, 14 MW and 122.7 GWh of Recapture Energy Block at the Churchill Falls bus is provided to Industrial Customers in Labrador through the Development Energy Block.

The resulting amount of capacity and energy available to Labrador interconnected customers is the total Recapture Energy less any energy amounts consumed by Industrial Customers through the Development Energy Block less the system energy losses required to serve customers. System energy losses include the transmission energy losses required to serve Industrial Customers as well as the transmission and distribution losses required to serve retail customers.

Note that electricity requirements on the Labrador Interconnected System including the requirements of Industrial and Hydro Rural Interconnected customers have first priority in the use of Recapture Energy.

[1] The amount of Recapture Energy available at the Churchill Falls bus is different from the 300 MW stated in the evidence due to the difference in location. The original Hydro Québec 1969 Power Contract has the delivery point for the 300 MW as "the point in Labrador on the transmission lines from the CF(L)Co Plant towards the Province of Québec which is at the height of land, about opposite present Mile 148.8 on the Québec North Shore and Labrador Railway, which is the presumed watershed between the St. Lawrence River and the Churchill River."