Q. **Transmission Losses**

References:

(i) NLH 2017 GRA, Evidence, chapter 5, page 5.27

(i) « For non-firm service, Hydro is proposing to retain the previously approved calculation for the energy charge with an update to the loss factors. The loss factor has been updated to the five-year average Island Interconnected System losses, from 3.47% to 3.34%.»

Please confirm or state the transmission loss factor and forecast applicable to the Labrador Industrial Transmission customers from CF(L)Co to the Wabush substation?

Year	2014	2015	2016	2017	2018	2019
Loss factor	0%	7.05%	6.5%			

A. The losses included in the development of the Labrador Industrial Transmission Rate are the transmission losses for the entire Labrador Interconnected System, not just the losses from CF(L)Co to the Wabush substation; therefore Hydro is unable to complete the table as requested.

The Labrador Industrial Transmission Rate did not become effective until January 1, 2015. For the period 2015 to 2017, the Labrador Industrial Transmission Demand rate reflects the Labrador Interconnected transmission losses reflected in the 2015 Test Year (11.19%). The forecast Labrador Interconnected transmission losses are 7.81% for 2018 and 7.69% for 2019.

The losses on the Labrador Interconnected System can be derived from the information presented in Schedule 3-II of Hydro's 2017 General Rate Application by

dividing the MWs of Transmission Losses by the Total Hydro Labrador Interconnected Electricity Requirement.