Q. **Re: RRAS, 2019 Update, Vol. III, Attachment 2 ("Full Results of Resource Planning Cases"), pages 1-2 (186-187 pdf)**

Preamble:

The three tables that constitute the entirety of this attachment show the resource additions that would be required under each of the three cases described in Table 5 (p. 24, or p. 140 pdf), under the P50 and P90 forecasts, and under the Labrador Expected and Labrador Industrial Load Growth scenarios.

The tables show that no additional resources are required in the first two cases. In the third case, the only additional resource required is "BDE 8" (Bay d'Espoir Unit 8), at 154 MW, which is required in 2024 in all P90 scenarios, and in 2028 or 2029 in the two P50 scenarios.

a) Please confirm that P50 and P90 refer to the IIS load forecast, and not the LIS load forecast.

b) Please confirm that no cases were studied that included additional cryptocurrency loads in Labrador.

c) Please provide a similar table taking into account both the P90 LIS forecast and the likely level (medium scenario) of additional cryptocurrency loads in Labrador, additional DND loads and a medium scenario of additional mining loads in Labrador.

A. a) Newfoundland and Labrador Hydro ("Hydro") confirms that references to the P50 and P90 peak demand forecasts refer to the Island Interconnected System load forecast. Hydro currently models weather-driven load forecast uncertainty in its reliability model for non-industrial loads on the Labrador Interconnected System in the same way that load forecast uncertainty is modelled on the Island Interconnected System. This captures the variability in weather-driven utility requirements on the Labrador Interconnected System associated with more onerous than average weather conditions, such as those associated with the P90 peak demand condition.

b) Hydro confirms that no cases were studied in this update that included additional cryptocurrency loads.

c) Hydro does not model an explicit P90 forecast for the Labrador Interconnected System but does include load forecast uncertainty in its modelling of Labrador Interconnected System requirements. Please refer to Hydro's response to part a. As such, there are no forecasts available which reflect a P90 peak demand forecast for the Labrador Interconnected System. With respect to the average forecast for the Labrador Interconnected System, please refer to Hydro's response to LAB-NLH-011, part b.