

1 Q. Please provide a forecast of production profiles associated with the Reliability and
 2 Resource Adequacy study, in Excel format, that indicates monthly forecasts through
 3 2030 for system energy provision by resource including resources in Labrador and
 4 Newfoundland, inclusive of projected flows over the Labrador Island Link, and clear
 5 indications of Labrador resource allotments from the Churchill Falls and related
 6 generation facilities.

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9 A. With respect to Hydro's Reliability and Resource Adequacy Study, please see PUB-
 10 Nalcor-095, Attachments 1 through 4 (in Excel format) which provide monthly
 11 production forecasts by resource and Labrador-Island Link (LIL) flows for the study
 12 period from 2019 to 2028. The load forecast cases associated with the attachments
 13 are as follows:

Attachment	Island Load Case	Labrador Load Case	Forecast
1	Low Rate	Base Labrador Load	P50
2	Low Rate	Base Labrador Load	P90
3	Low Rate	High Industrial Growth	P50
4	Low Rate	High Industrial Growth	P90

14 The Labrador load case with recapture energy fully consumed was not included as
 15 the modifications to the model required to determine the system reliability that
 16 would result in this case would have caused inaccuracies in the production profile.
 17 The production profiles presented in the attachments were determined in the
 18 Plexos modelling tool using an underlying representation of Hydro's integrated
 19 island and Labrador transmission system based on current assumptions. Note that

1 the Reliability and Resource Adequacy Study was a planning exercise and not
2 necessarily a detailed production planning exercise and the production plans reflect
3 the configuration of the production model at the time that the study was done. This
4 was appropriate as the primary function of the Reliability and Resource Adequacy
5 Study was to ensure near-term and long term system reliability.