1	Q.	Reference: 2024 Resource Adequacy Plan
2		Please refer to the Resource Adequacy Plan, Appendix C, Section 3.0. For the firm energy
3		analysis, please provide, in Excel format:
4		a) All model outputs/results
5		b) All model assumptions
6		c) All model inputs
7		d) Hourly firm energy demand
8		e) Hourly firm energy supply
9		f) Hourly firm energy, by supply resource
LO		g) Hourly energy profile, by supply resource, if different from (f)
l1		h) Hourly firm energy of the LIL
L2		i) Hourly energy profile of the LIL, if different from (h)
L3		j) Hourly firm energy imports
L4		k) Hourly firm energy exports
L5		<del>I) Hourly</del>
L6		m) Spillage (hourly, if available; otherwise, by year)
L7		n) Hourly wind curtailments
L8		o) Time horizon of study period
L9		p) Transmission losses
20		q) Generation forced outage rates

1 A. Please refer to PUB-NLH-328, Attachment 1 for the model's inputs and outputs. The following 2 specifically summarizes the location of each requested item: 3 a) Please refer to tab labelled "Results." 4 b) Please refer to all tabs except for the one labelled "Results." 5 c) Please refer to part b). d) Please refer to the tabs labelled "Load – Ref," "Load – Slow," and "Load - Accel" for the 6 7 hourly load forecast for the three load forecast cases. Please note that Newfoundland and Labrador Hydro does not distinguish between the terms "load," "demand," and "firm 8 demand." 9 10 e) Hourly firm energy supply was not an input to this analysis. For annual firm energy supply assumptions, please refer to the tab labelled "Firm Gen." 11 f) Please refer to part e). 12 g) Please refer to part e). 13 14 h) Please refer to the tabs labelled "Firm LIL - Ref," "Firm LIL - Slow," and "Firm LIL - Accel" for 15 the calculated hourly Labrador-Island Link firm energy (that can be used to serve load on the 16 Island) for the three load forecast cases. 17 i) Please refer to part h). 18 j) There are no firm energy imports assumed in this analysis. 19 k) Please refer to the tab labelled "ML Profile" for the assumed hourly firm exports over the 20 Maritime Link. 21 m) No spill was assumed in this analysis. It would be highly unlikely for there to be any spill 22 from our hydroelectric resources during a repeat of the critical dry sequence. 23 n) No wind curtailments were assumed in this analysis. o) The study period aligns with the study period of the 2024 Resource Adequacy Plan, which is 24 25 the ten-year period from 2025 through 2034. Data for 2024 is also included in the Excel 26 spreadsheet.

- p) A constant loss value of 3.34% has been assumed in this analysis to represent transmission and distribution losses. This value is shown in the tab labelled "Inputs."
- **q)** Generation-forced outage rates are not an input to the firm energy analysis.