

1 Q. **Reference: Reliability and Resource Adequacy Study 2022 Update, Volume III, page 5, Load**  
2 **Forecast.**

3 Provide a comparison of forecast values for the Island Interconnected System customer  
4 coincident demand in MW and IIS forecast energy requirement in GWh, for all scenarios and all  
5 years covered by the forecast, for the following reports and studies:

- 6 1. Reliability and Resource Adequacy Study 2022 Update;
- 7 2. Near-Term Reliability Report - May 2022;
- 8 3. Reliability and Resource Adequacy Study 2021 Update;
- 9 4. Near-Term Reliability Report - May 2021;
- 10 5. Reliability and Resource Adequacy Study 2020 Update; and
- 11 6. 2018 Reliability and Resource Adequacy Study.

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14 A. A comparison of the Island Interconnected System customer coincident demand and energy  
15 requirements for forecasts prepared for the 2018 “Reliability and Resource Study” (“2018  
16 Study”);<sup>1</sup> the Near-Term Reliability Reports for November 2020, May 2021, November 2021, and  
17 May 2022;<sup>2</sup> and the “Reliability and Resource Adequacy Study – 2022 Update,”<sup>3</sup> are provided in  
18 Table 1 and Table 2.

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<sup>1</sup> “Reliability and Resource Adequacy Study,” Newfoundland and Labrador Hydro, rev. September 6, 2019 (originally filed November 16, 2018).

<sup>2</sup> “Reliability and Resource Adequacy Study – 2020 Update – Volume II: Near-Term Reliability Report,” Newfoundland and Labrador Hydro, November 18, 2020; “Reliability and Resource Adequacy Study – 2021 Update – Volume II: Near-Term Reliability Report – May Report,” Newfoundland and Labrador Hydro, May 17, 2021; “Reliability and Resource Adequacy Study – 2021 Update – Volume II: Near-Term Reliability Report – November Report,” Newfoundland and Labrador Hydro, November 15, 2021; and “Reliability and Resource Adequacy Study – 2022 Update – Volume II: Near-Term Reliability Report – May Report,” Newfoundland and Labrador Hydro, May 16, 2022.

<sup>3</sup> “Reliability and Resource Adequacy Study – 2022 Update,” Newfoundland and Labrador Hydro, October 3, 2022.

**Table 1: Island Interconnected System Customer Coincident Demand Forecast (MW)<sup>4</sup>**

	2018 Study				Near-Term Reliability Report				2022 Update <sup>5</sup>	
	Case I	Case II	Case III	Case IV	November 2020	May 2021	November 2021	May 2022	Case I	Case II
2019	1,671	1,670	1,671	1,671						
2020	1,662	1,662	1,662	1,664						
2021	1,657	1,656	1,655	1,659	1,628					
2022	1,659	1,645	1,641	1,662	1,656	1,656	1,627	1,627		
2023	1,663	1,637	1,628	1,668	1,657	1,657	1,635	1,635	1,648	1,648
2024	1,666	1,625	1,611	1,678	1,661	1,661	1,656	1,656	1,684	1,685
2025	1,672	1,618	1,597	1,699		1,664	1,661	1,661	1,716	1,721
2026	1,677	1,620	1,574	1,714					1,718	1,726
2027	1,686	1,626	1,557	1,729					1,721	1,733
2028	1,696	1,632	1,558	1,748					1,729	1,749
2029	1,706	1,638	1,559	1,767					1,736	1,762
2030									1,750	1,790
2031									1,753	1,810
2032									1,773	1,840

<sup>4</sup> The customer coincident demand forecast is exclusive of transmission line losses and generator station service requirements.

<sup>5</sup> The customer coincident demand forecasts include approximately 22 MW of potential interruptible load in 2024 and 49 MW of potential interruptible load in 2025 to 2032.

**Table 2: Island Interconnected System Forecast Energy Requirements (GWh)<sup>6</sup>**

	2018 Study				Near-Term Reliability Report				2022 Update	
	Case I	Case II	Case III	Case IV	November 2020	May 2021	November 2021	May 2022	Case I	Case II
2019	8,301	8,301	8,301	8,308						
2020	8,208	8,207	8,206	8,216						
2021	8,191	8,119	8,095	8,201	7,875					
2022	8,176	8,033	7,986	8,189	8,029	8,029	7,935			
2023	8,162	7,946	7,875	8,219	8,055	8,055	7,947	7,947	7,827	7,836
2024	8,152	7,864	7,763	8,310	8,079	8,079	8,059	8,059	8,034	8,050
2025	8,192	7,890	7,650	8,388		8,117	8,065	8,065	8,171	8,202
2026	8,235	7,918	7,544	8,451					8,138	8,191
2027	8,281	7,950	7,558	8,546					8,136	8,218
2028	8,321	7,976	7,565	8,663					8,155	8,264
2029	8,362	8,003	7,574	8,750					8,166	8,304
2030									8,253	8,482
2031									8,325	8,680
2032									8,410	8,809

<sup>6</sup> Forecast energy requirements are exclusive of transmission line losses and generator station service.