

1 Q. **Reference: Reliability and Resource Adequacy Study 2022 Update, Volume III, page 25, lines**  
 2 **16-17.**

3 Hydro states, “A DAUFOP of approximately 20% will be used for resource adequacy planning  
 4 purposes.”

5 Given that as units continue to degrade and more recent data may be more reflective of unit  
 6 condition, explain the reasons for using the 20% DAUFOP rather than the higher five-year  
 7 average in Table 7.

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10 A. The selection of a resource adequacy planning DAUFOP<sup>1</sup> value of 20% was based on the most  
 11 recent five-year average data available for the units at the Holyrood Thermal Generating Station  
 12 (“Holyrood TGS”). As stated in Volume III of the “Reliability and Resource Adequacy Study –  
 13 2022 Update,”<sup>2</sup> the units at the Holyrood TGS are to remain base loaded during early  
 14 operational stages of the Labrador Island Link (“LIL”) and will strategically move to standby  
 15 operation as the LIL is found to perform reliably.

16 Considering this, it was determined that DAUFOP performance over the entire year<sup>3</sup> as well as  
 17 performance over the reduced operating period<sup>4</sup> were to be included in the analysis, as  
 18 summarized in Table 1, with the approximate average being 20%.

**Table 1: DAUFOP Performance**

	DAUFOP 5-Year Average (2017–2021) January 1 – December 31	DAUFOP 5-Year Average (2017–2021) April 1 – November 1
<b>Total Holyrood TGS</b>	<b>15.62</b>	<b>24.61</b>

<sup>1</sup> Derated adjusted utilization forced outage probability (“DAUFOP”).

<sup>2</sup> “Reliability and Resource Adequacy Study – 2022 Update,” Newfoundland and Labrador Hydro, October 3, 2022, vol. III, p. 25/6–10.

<sup>3</sup> “Reliability and Resource Adequacy Study – 2022 Update,” Newfoundland and Labrador Hydro, October 3, 2022, vol. III, p. 23, Table 6.

<sup>4</sup> “Reliability and Resource Adequacy Study – 2022 Update,” Newfoundland and Labrador Hydro, October 3, 2022, vol. III, p. 23, Table 7.

- 1 Hydro will continue to analyze operational data in the short term to ensure that forced outage
- 2 rate assumptions for the Holyrood TGS remain appropriate, as future operational scenarios
- 3 become known.