

1 Q. Reference: *2024 Resource Adequacy Plan*; Technical Conference #2: Issue #4: Resource Supply  
2 Options, October 2, 2024, Slide 25.

<i>Risk</i>	<i>Mitigation</i>
<i>Quantity of trucks required to fuel CTs is unsustainable (greater than 5 days with both CT Plants at full capacity requires approx. 44 trucks per day).</i>	<ul style="list-style-type: none"><li>- <i>Upgrade Holyrood Marine Terminal for diesel delivery.</i></li><li>- <i>Expansion plan diversity.”</i></li></ul>

3 In absence of an upgraded Holyrood Marine Terminal, has Hydro assessed: (i) the availability of  
4 the necessary fuel; (ii) the availability of fuel trucks; and (iii) the ability to offload 44 fuel trucks a  
5 day in order to maintain fuel for the existing Holyrood combustion turbine and planned 150 MW  
6 combustion turbine? If not, why not?

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9 A. The fuel supply Expression of Interest (“EOI”)<sup>1</sup> references fueling needs for both the existing 123  
10 MW and proposed new 150 MW facilities. Please refer to Newfoundland and Labrador Hydro’s  
11 (“Hydro”) response to NP-NLH-102 of this proceeding for details on the respondent’s proposal.  
12 Hydro will continue to review and study the results of the EOI submission to determine the next  
13 steps regarding fuel management.

14 As part of the Concept Design Report in 2023, Hatch Ltd. engaged with four island fuel suppliers  
15 to determine available fuel supply and transportation for a new 150 MW combustion turbine  
16 plant.<sup>2</sup> Although specific quantities of trucks were not identified, fuel suppliers did confirm they  
17 could either meet or partially meet the fuel demand for the new facility. As Hydro mentioned in  
18 the technical conference on October 2, 2024, the supply by trucks only with both facilities in  
19 operation is possible. From a long-term operation perspective, another solution may be more

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<sup>1</sup> This was issued as a request for information under the public procurement guidelines, an information-gathering tool issued by a public body to learn about the marketplace in advance of issuing a procurement solicitation.

<sup>2</sup> “*Reliability and Resource Adequacy Study Review – Combustion Turbine Feasibility Study*,” Newfoundland and Labrador Hydro, October 13, 2023.

- 1 practical to help ensure long-term fuel security. The risk mitigation for the large volume of fuel
- 2 trucks would include upgrades to the marine terminal in Holyrood.