

1 Q. In its various submissions, NLH has stated that there is an additional engine bay which may be  
2 utilized for various purposes, such as to accommodate an additional genset (if required) or  
3 house renewable energy infrastructure and technologies.

4 Please provide further clarity regarding:

- 5 i. The potential use of this engine bay to support additional gensets and renewable energy  
6 storage technologies;
- 7 ii. The likelihood that additional load infrastructure will be required; and
- 8 iii. The work required to provide the additional load capacity, if required.

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11 A. i. Please refer to Newfoundland and Labrador Hydro's ("Hydro") response to NP-NLH-099 of  
12 this proceeding for additional information explaining the concept of an engine bay and the  
13 potential for an engine bay to support additional gensets. The concept of housing renewable  
14 energy infrastructure and technologies has not been investigated in detail; however,  
15 considering the developing landscape of renewable energy infrastructure and energy  
16 storage, it is possible that certain infrastructure could be installed in an otherwise empty  
17 engine bay.

18 ii. Please refer to Hydro's responses to LAB-NLH-005 [parts b) and c)], PUB-NLH-001  
19 (Attachment 1),<sup>1</sup> and PUB-NLH-042 of this proceeding for additional information on  
20 unexpected load growth that could potentially drive the need for additional infrastructure  
21 investment.

22 iii. Should the need for additional capacity occur, Hydro would consider a number of different  
23 alternatives to increase capacity, including installing an additional diesel generating unit in  
24 one of the spare engine bays or replacing one of the existing units with a larger unit. If this is

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<sup>1</sup> PUB-NLH-001, att. 1, p. 7 of 10/12–24.

1 required, Hydro would complete a cost-benefit analysis to determine which alternative  
2 would allow it to meet its planning criteria at the lowest possible cost, while maximizing  
3 reliability, in an environmentally responsible manner.