

1 Q. **Reference: Attachment 1- Long-Term Supply for Southern Labrador - Economic and Technical**  
2 **Assessment**

3 Does Hydro have any apprehension that climate concerns could lead to technology  
4 obsolescence with respect to diesel genset equipment which in turn could result in replacement  
5 diesel infrastructure for the regional generating station being expensive and scarce, if available  
6 at all? Please detail the contingency plans that Hydro has in the event that diesel genset  
7 production stalls within the industry and replacement product is unavailable or prohibitively  
8 expensive.

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11 A. At this point in time, Newfoundland and Labrador Hydro (“Hydro”) does not have reason to  
12 believe that diesel genset equipment will become obsolete at a pace which would prevent  
13 Hydro from maintaining its infrastructure for the proposed regional diesel generation station.  
14 Hydro is a member of the Off Grid Utilities Association, which includes members from all major  
15 Canadian utilities that operate isolated systems in the country as well as some utilities in Alaska.  
16 Through this association, Hydro has connections to manufacturers within the industry that  
17 manufacture a wide range of equipment for use in isolated systems, including diesel gensets. As  
18 diesel generating stations are used to supply many isolated communities across Canada and  
19 Alaska, Hydro would become aware of issues related to obsolescence of diesel generating  
20 technology far enough in advance to develop appropriate mitigation plans for all of its isolated  
21 communities supplied by diesel generation, such as purchasing diesel units and spare parts prior  
22 to conclusion of manufacturing of those components and procuring spares from other utilities  
23 which no longer require them.

24 Further information on the likely requirement for diesel generation in remote communities for  
25 the foreseeable future is presented in Hydro’s response to PUB-NLH-001.