

1 Q. **Reference: Long-Term Supply for Southern Labrador – Revision 1 - Schedule 2 - Long-Term**
2 **Supply for Southern Labrador - Evidence Supporting the Revised Application**

3 Further to PUB-NLH-057 what are the roles and costs associated with the two additional bays
4 given that (i) the four diesel gensets provide the required N-1 redundancy and (ii) all forecasted
5 load growth has been accounted for within the firm capacity of the four gensets?

6

7

8 A. The two additional engine bays will be reserved for future diesel gensets should they be
9 required for additional capacity in the event of load growth, such as the interconnection of new,
10 unforeseen industrial or commercial customers, or to provide additional redundancy should it
11 become the least-cost option to address future unexpected reliability issues. The additional
12 engine bays may also be utilized to house equipment associated with the integration of
13 renewable energy, should there be a requirement that such equipment be installed within the
14 plant.

15 The current estimated cost of two additional bays is approximately \$1.4 million which is
16 significantly less costly than a future plant extension. (For reference, the cost of the Makkovik
17 Diesel Generating Station extension project was approximately \$10 million).