

1 **Production**

2

3 **Q. How will placing the proposed 2.5 MW Standby Portable Diesel generating unit in**
4 **Trepassey “maximize overall system reliability”?**

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6 A. The phrase “maximize overall system reliability” occurs in Schedule B on page 15 of the
7 application. It is as follows: “Except in the event of an emergency, the Company plans to
8 locate the unit to be acquired in 2004 at Trepassey during the winter, which will
9 maximize overall system reliability.”

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11 System reliability is measured through the reliability indices SAIDI and SAIFI. The
12 extent to which the 2.5 MW portable diesel reduces the duration and frequency of
13 outages at Trepassey, it will improve the reliability indices for the Newfoundland Power
14 system as a whole and “maximize overall system reliability”.

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16 The explanation of why Trepassey was chosen as the semi-permanent location for the
17 second 2.5 MW portable diesel and how this particular location “maximizes overall
18 system reliability” is contained in the response to NLH-21.