

1 Q. Reference: Teshmont Report - Section 5 – HVDC Reliability Data (Part 5.2) Data

2 Provided by Nalcor Energy (pg 21):

3 ***5.2. Data Provided by Nalcor Energy***

4 ***“The forced outage rates and availability of the HVDC systems are highly***
5 ***dependent on their design, installation, and location (for example availability of a***
6 ***spare converter transformers and/or submarine cables can significantly improve***
7 ***the reliability of the overall system). Therefore, unless details of a specific system***
8 ***are available, an accurate estimate of its forced outage rates and availability***
9 ***cannot be calculated. For the purpose of this study, Teshmont is planning to use***
10 ***the following values, which are based on the information that was provided to***
11 ***Teshmont by Nalcor Energy.”***

12 Further to the previous question, please provide Teshmonts’ assessment of the
13 impact of the unavailability of these details on its conclusions.
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16 A. The unavailability of the above details doesn’t impact the core conclusion of the
17 study, under the scenario with both the LIL and ML being in-service. The only
18 impacted scenario would be having the LIL in-service without the ML. In this case
19 the EUE figures would be fine-tuned; however, the study’s core conclusion will stay
20 intact.