

1 Q. Further to PUB-NLH-617, the post HVDC study was done for 2018, and Hydro is
2 forecasting that the Island Interconnected system load will increase over the next
3 years. According to the responses to PUB-NLH-542 and PUB-NLH-543, Hydro is not
4 expecting to add any additional generation until 2024, unless it is decided not to
5 rely on power imports from Maritime Link to cover peak loads in the event of a
6 bipole outage, in which case power generation would be added when the Holyrood
7 power generation plant is retired. Please describe the general change to
8 Teshmont's results if the study had been carried out immediately before the next
9 planned addition of generation

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12 A. Generation addition tables from Hydro's responses to PUB-NLH-542 and PUB-NLH-
13 543 are provided in Table 1 and Table 2, respectively.

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15 As stated in the question, the first proposed addition of generation in the scenario
16 described in PUB-NLH-542 would be in 2024. If the Teshmont analysis had involved
17 a probabilistic reliability assessment for this scenario for the year 2023, it is noted
18 that the peak forecasted load is 1764 and the available capacity is 1790 with the
19 Labrador Island Link out of service. It may therefore be concluded that there would
20 be no expected unserved energy resulting from bipole outages.

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22 Similarly, the first proposed addition of generation in the scenario described in PUB-
23 NLH-543 would be in 2021. If the Teshmont analysis had involved a probabilistic
24 reliability assessment for this scenario for the year 2020, it is noted that the peak
25 forecasted load is 1736 and the available capacity is 1998 with both the Labrador
26 Island Link and the Maritime Link out of service. It may therefore be concluded that
27 there would be no expected unserved energy resulting from a bipole outages.

