

1 Q. Reference report entitled *Operational Studies: Maritime Link Only*, September 8,
2 2017) According to Figure 1-2 and Table 1-2, exports over the Maritime Link will be
3 limited to 85 MW when at least one Holyrood unit is on-line, and 120 MW when
4 Holyrood is used as a synchronous condenser. It is understood that these figures
5 apply to the time frame prior to the in-service date of the LIL, and assume the
6 Soldiers Pond synchronous condensers are not on-line (page 1, 1st paragraph).
7 What are the repercussions of this limitation in terms of costs and reliability? What
8 will be the export limit over the ML following the in-service date of LIL with and
9 without the Soldiers Pond synchronous condensers on-line, and what is driving the
10 change in export limits between the two scenarios with and without the LIL?

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13 A. As per Hydro's response to PUB-NLH-111, Hydro is undertaking operational studies
14 in preparation for the interconnection of assets into the Newfoundland and
15 Labrador Transmission System. The objective of the studies is to identify system
16 impacts and operating limits to ensure reliable operation of the transmission
17 system. By adhering to defined export limits, Hydro expects no adverse impact to
18 customers.

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20 As it was assumed that there would be no revenue collected from exports over the
21 Maritime Link (ML) for the 2018 and 2019 Test Years, the defined export limits will
22 have no repercussions in terms of cost. Any benefit realized from ML exports could
23 be contributed to the Off-Island Purchases Deferral Account for the benefit of the
24 Island ratepayers.

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26 As per Hydro's response to PUB-NLH-111, studies relating to the operation of the
27 Labrador-Island Link (LIL) are not yet complete. Hydro is therefore unable to

1 confirm the changes in export limit over the ML following the in-service date of the
2 LIL with and without the Soldiers Pond synchronous condensers online. However,
3 once all Muskrat Falls Project infrastructure is in place, the ML will be able to export
4 up to its rated export capacity of 500 MW.