1	Q.	Please state how many synchronous condensers will be operated on the Island
2		Interconnected System: (i) when the Maritime Link is in operation and (ii) when the
3		Maritime Link is not in operation.
4		

A. Detailed operational studies necessary to develop complete operating guidelines for the Labrador-Island HVdc Link will be completed in the 2015-2016 timeframe following completion of the HVdc converter design and final, validated PSS®E and PSCAD™ model development by the vendor. The analysis to date identifies the following requirements:

. When the Maritime Link is in operation, a minimum of two high inertia synchronous condensers at Soldiers Pond plus Holyrood Unit 3 operating in synchronous condenser mode and a nominal 120 MVAR synchronous condenser in the Holyrood/Soldiers Pond area.

ii. When the Maritime Link is not in operation and the Labrador – Island HVdc Link is operating at full import capability, three high inertia synchronous condensers at Soldiers Pond plus Holyrood Unit 3 operating in synchronous condenser mode and a nominal 120 MVAR synchronous condenser in the Holyrood/Soldiers Pond area are required to minimize the potential for under frequency load shedding on the Island. As noted above, detailed operational studies will be required to develop the synchronous condenser operating guidelines for the Labrador – Island HVdc Link loading schedule with the Maritime Link not in operation.