

1 Q. Please describe the AC power requirements required at the Soldier's Pond terminal
2 station to enable delivery of power from the Labrador Island Link.

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5 A. Equipment on site, including converters, synchronous condensers, and the terminal
6 station can be provided with station service power derived from the 230 kV grid or
7 from standby generators located at the Soldiers Pond site.

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9 The Labrador-Island Transmission Link (LIL) is a line commutated converter,
10 however, and requires an operational 230 kV grid in order to enable power delivery
11 over the LIL as the LIL cannot deliver power into a passive load. The normal
12 energization sequence for the Avalon Peninsula 230 kV grid would start from Bay
13 d'Espoir. Further operational studies are required to confirm the limits of alternate
14 start-up sequences, including enabling islanded operation on the Avalon with no
15 230 kV connection to Bay d'Espoir. These are expected to be completed in the
16 2016-2017 timeframe.