

1 Q. Please confirm that Hydro does not plan to operate in bipolar mode with the
2 neutral point of both the converter stations connected directly to the station
3 ground mat.

4

5

6 A. Hydro does not plan to operate in continuous bipolar mode with the neutral point
7 of both converter stations connected directly to the station ground mat. Hydro,
8 however, may, if determined appropriate or necessary connect the neutral point of
9 a single converter station to the station ground mat under balanced bipole mode of
10 operation during a fault to one of the electrode line conductors connected to the
11 converter station, such that the faulted electrode line conductor can be isolated
12 without the need to shut down the HVdc system. Once the faulted electrode line
13 conductor is isolated, the converter neutral will be connected to the electrode line
14 and the converter disconnected from the station ground mat.