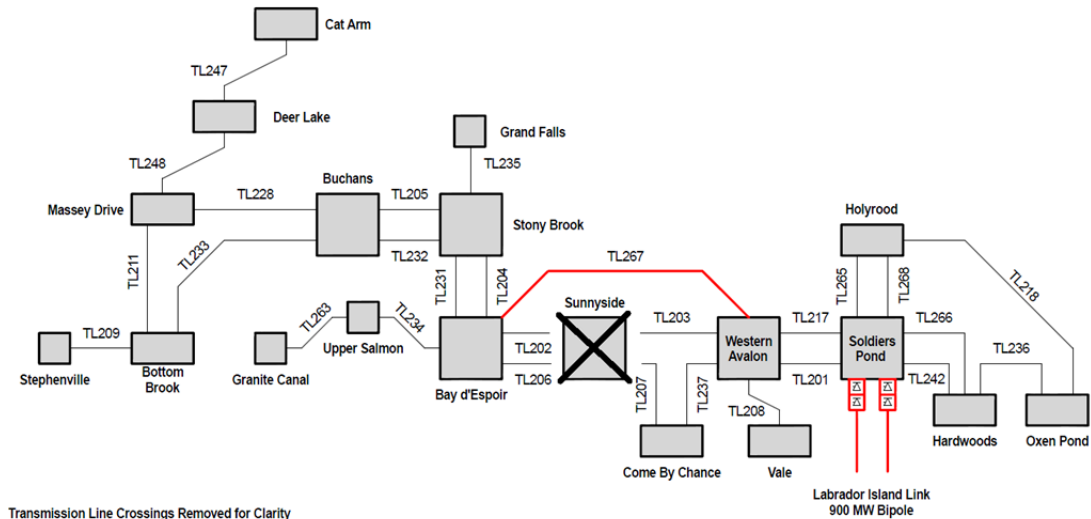




As noted in Hydro's response to PUB-NLH-036, a major issue at Sunnyside Terminal Station will involve the loss of the connection between Bay d'Espoir and Sunnyside. Figure 2 depicts a catastrophic loss of Sunnyside Terminal Station.



**Figure 2 Island 230 kV System with Catastrophic Loss of Sunnyside Terminal Station**

With loss of Sunnyside Terminal Station, no power can flow over TL202, TL206, TL203, TL207 and TL237 to the Avalon Peninsula. With the proposed topology, the new Bay d'Espoir to Western Avalon line (TL267) does not enter the Sunnyside Terminal Station and therefore would be available post contingency to maintain power flow between Bay d'Espoir and the Avalon Peninsula.

Had all three 230 kV transmission lines (TL202, TL206 and the new line TL267) been terminated at Sunnyside (the new 230 kV transmission circuit between Bay d'Espoir and Western Avalon going in and out of Sunnyside Terminal Station), a catastrophic loss of the Sunnyside Terminal Station would cut all connections between Bay d'Espoir and the Avalon Peninsula.