

1 Q. Please list the facilities, dates and causes of all 125MVA 230/138kV transformer
2 failures from 2000 through the present.

3

4

5 A. Hydro has had only one 125MVA 230/138 kV transformer failure between 2000 and
6 the present. This is the failure of Sunnyside T1, which occurred on January 4, 2014.
7 The cause of the failure, which was investigated by the transformer manufacturer
8 on behalf of Hydro, concluded that a bushing failure was the most probable cause
9 of the failure. The report states that “[b]ased on the internal inspection
10 observations, all the information available and the system analysis findings, it is
11 concluded that most probably the LV1 or LV2 bushing failed first which initiated the
12 failure and resulting fire.” With respect to defects and issues, please see Hydro's
13 response to PR-PUB-NLH-075.