

1 **Q. B-70, Overhaul Diesel Units, \$974,100**

2 On p. 13 of the report found in Volume II, Tab 26, Hydro states that "... an isolated
3 diesel plant has no other generation on which to rely which means that there is a
4 higher probability that the loss of a diesel unit will result in a load reduction and/or
5 customer outage." Since the planning criteria requires that the load of a system
6 must be capable of being met with the largest unit out of service, what evidence
7 can Hydro provide to support this statement?

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10 **A.** Hydro's planning criteria does require that loss of a single diesel unit at an isolated
11 diesel plant not result in customer outages and our diesel plants meet this
12 requirement. While not explicit in the statement, the statement refers to the
13 concurrent loss of multiple diesel units or a de-rating of a unit concurrent with the
14 loss of another unit. The purpose is to highlight the difference in this scenario
15 between an isolated diesel plant and the interconnected system. In an isolated
16 plant, such a loss of multiple diesel units will result in customer outages if the load
17 is beyond the capacity of the available diesel generation. For an interconnected
18 system, the planning criterion is based on a probabilistic approach.