

- 1 **Q. (Reference CA-NP-030, Attachment A) Please comment on the impact of the**
2 **following scenarios on the supply to: 1) the Rate #2.4 customer served from**
3 **the BIG Substation, 2) the other customers served from the BIG Substation,**
4 **and 3) NP customers not served from the BIG Substation.**
5 **a) Removal of feeder BIG-01 from service.**
6 **b) Removal of transformer BIG-T1 from service.**
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- 8 A. Big Pond ("BIG") Substation is located in the community of Goulds, on the shore of the
9 Big Pond water supply servicing communities on the Northeast Avalon Peninsula. Big
10 Pond Substation includes one power transformer, BIG-T1, and two distribution feeders,
11 BIG-01 and BIG-02. Distribution feeder BIG-01 serves two customers, one of which is a
12 Rate #2.4 customer, and BIG-02 serves approximately 1,300 customers.
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- 14 a) If distribution feeder BIG-01 was removed from service, the Rate #2.4 customer,
15 and one other Newfoundland Power customer would be without service. Removing
16 distribution feeder BIG-01 from service would affect no other Newfoundland Power
17 customers, including those customers not served by BIG Substation.¹
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- 19 b) If power transformer BIG-T1 was removed from service, the Rate #2.4 customer,
20 and all other Newfoundland Power customers served by BIG Substation would be
21 without service. Removing power transformer BIG-T1 from service would not affect
22 Newfoundland Power customers who are not served from BIG Substation.

¹ The loss of electricity supply to the Rate #2.4 customer on distribution feeder BIG-01 could impact the delivery of water to residents served by the Bay Bulls Big Pond Water Treatment Facility.