

- 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 LCV Substation, and 2) NP customers other than the Rate #2.4 customer**
4 **served from the LCV Substation.**
5 **a) Removal of transmission line 410L from service.**
6 **b) Removal of the LCV Substation from service.**
7
- 8 A. Transmission Line 410L originates at Berry Head Substation in the community of Port au
9 Port, and travels approximately 18.7 kilometres west to Abrahams Cove Substation on
10 Route 463 near the community of Piccadilly. From Abraham's Cove Substation,
11 Transmission Line 410L continues west for approximately another 8.9 kilometres to the
12 Lower Cove Mine Substation.¹ Abrahams Cove Substation serves approximately 1,800
13 customers. Transmission Line 410L is a radial transmission system with no backup
14 generation.
15
- 16 a) If Transmission Line 410L was removed from service, approximately 1,800
17 customers served by Abrahams Cove Substation and the Rate #2.4 customer served
18 by the Lower Cove Mine Substation would be without service.
19
- 20 b) If the Lower Cove Mine Substation was removed from service, the Rate #2.4
21 customer served by the Lower Cove Mine Substation would be without service.

¹ The Lower Cove Mine Substation is customer owned. The cost to construct the 8.9 kilometres of Transmission Line 410L from Abrahams Cove Substation to the mine site included a Contribution in Aid of Construction in 1989.