

1 **Q. (Reference CA-NP-108)**

2 **It is accurate to say that a single substation outage could also result in loss of**
3 **service to one customer? How is NP's approach to substation refurbishment**
4 **and modernization impacted by the number of customers served by the**
5 **substation?**
6

7 A. *Substation Refurbishment and Modernization* projects are based on substation asset
8 assessments. Newfoundland Power's refurbishment and modernization plan reflects the
9 age and condition of the Company's substation assets. This includes power
10 transformers, circuit breakers, reclosers, switchgear, voltage regulators, protection
11 relays, switches, bus structures and foundations, spill containments, ground grids,
12 control buildings, physical security, and battery banks and chargers.¹
13

14 *Substation Refurbishment and Modernization* projects are not determined based on the
15 number of customers served by a substation. Newfoundland Power is required to
16 manage and operate its electrical system in a manner that would result in customers
17 having equitable access to an adequate supply of power.² It is possible that a single
18 substation outage could result in loss of service to one customer.

¹ See Newfoundland Power's *2025 Capital Budget Application*, report 2.1 *2025 Substation Refurbishment and Modernization*, section 2.2 *Substation Asset Assessment*, pages 4-19.

² See the *Electrical Power Control Act, 1994, SNL 1994, c. E-5.1*, section 3(b)(ii).