

- 1 **Q. (Reference CA-NP-033)**
2 **a) Please confirm that the purpose of portable substations is to maintain**
3 **service to customers during substation maintenance, capital projects, and**
4 **equipment failures.**
5 **b) Does every deployment of a portable substation compromise the availability**
6 **of portable units to maintain service to customers during substation**
7 **maintenance, capital projects, and equipment failures?**
8 **c) How does NP decide when a portable substation should be deployed when**
9 **its deployment will compromise NP’s ability to maintain service to**
10 **customers during substation maintenance, capital projects, and equipment**
11 **failures?**
12 **d) Please provide a table showing every deployment of a portable substation,**
13 **including the date, the reason for its deployment, the end date of the**
14 **deployment and the reason the deployment ended.**
- 15
16 **A.** a) It is confirmed.
17
18 b) No, not every deployment of a portable substation compromises the availability of
19 portable units to maintain service to customers during substation maintenance,
20 capital projects, and equipment failures. During the planning phases of substation
21 maintenance and capital projects, portable substation availability is a critical
22 component factored into resource planning in order to ensure a portable substation
23 is available to respond to an equipment failure if required.
24
25 c) In emergency situations, the deployment of a portable substation could reduce
26 Newfoundland Power’s flexibility in maintaining service to customers during
27 substation maintenance, capital projects, and equipment failures. This would
28 typically occur only in response to an equipment failure that results in a customer
29 outage and which could not be mitigated by any other means. In that scenario,
30 resourcing would be reassessed in order to ensure another portable substation is
31 available to respond to a new equipment failure as soon as practical.
32
33 d) This Request for Information does not specify a time period for data on the
34 deployment of portable substations. Newfoundland Power is unable to provide a
35 complete list of every historical portable substation deployment in the time allotted
36 for a response to this Request for Information. In the response to Request for
37 Information CA-NP-033, Newfoundland Power provided a table showing the
38 deployment of portable substations over the past five years (“Table 1”). In Table 1,
39 the predominant reasons that portable substation deployment ended were that the
40 associated work was completed, the portable was required elsewhere, or
41 Newfoundland and Labrador Hydro no longer required the deployment.