

1 Q. **Reference: Application and Board Order P.U. 14(2023)) In Order No. P.U. 14(2023) (Page 3**

2 the Board states

3 Newfoundland Power has a limited fleet of portable substations and cannot  
4 install one at the Memorial Substation until 2024 without compromising the  
5 availability of portable units to maintain service to customers during substation  
6 maintenance, capital projects, and equipment failures.

7 a) Does Hydro have portable substations, and if so, for what purpose?

8 b) How many portable substations does Hydro own, what was the purchase costs, and  
9 what are the annual operating and maintenance costs?

10 c) Has Hydro ever deployed a portable substation even though by doing so it would  
11 compromise the ability to maintain service to customers during substation  
12 maintenance?

13

14

15 A. a) Newfoundland and Labrador Hydro (“Hydro”) has one portable substation, and its purpose  
16 is to allow Hydro to maintain service to customers during forced and/or planned equipment  
17 outages.

18 b) Hydro owns one portable substation, which was purchased in 2004 for approximately  
19 \$110,572. Please refer to Table 1 for the annual operating and maintenance costs of Hydro’s  
20 portable substation for the last five years. The costs for the years 2020 to 2022 are  
21 abnormally low as the portable substation was out of service for refurbishment between  
22 November 2020 and January 2023.

**Table 1: Portable Substation Annual Operating and Maintenance Costs, 2018 to 2022 (\$)**

<b>Year</b>	<b>Cost</b>
2018	14,680
2019	12,563
2020	1,481
2021	92
2022	2,551

- 1           c) No. Hydro has not deployed its portable substation in a situation where doing so would
- 2                    compromise the ability to maintain service to customers during substation maintenance.