

1 **Q. Reference: Application, page 3 and response to PUB-NLH-001**

2 Hydro has received a request for service from Carol Automobile Ltd. to allow for the installation
3 of an additional, larger, electric vehicle charger at its car dealership facility in Labrador City. The
4 customer's existing service has an estimated peak demand of 16.4 kW. The additional customer
5 information provided in response to PUB-NLH-001 stated connected load of 240 kW of
6 miscellaneous single-phase load and a 240 kW estimated peak demand for a new three phase
7 service.

8 **a)** Will the existing service continue as a separate electrical service upon completion of
9 the new service request? Explain.

10 **b)** Confirm that only one charger is being installed and provide the type of charger (i.e.,
11 Level 1, 2 or 3), its specifications and its load requirements.

12 **c)** Given electric vehicle chargers can be programmed by the customer to charge during
13 off-peak periods to minimize the customer's maximum demand and monthly bill,
14 explain why Hydro is assuming the charger will operate during the peak period.

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17 **A a)** Yes, it is Newfoundland and Labrador Hydro's ("Hydro") understanding that the
18 Customer's existing service will not be discontinued as the request was to add an
19 additional electric vehicle charger.

20 **b)** Hydro understands that only one charger is being installed. Hydro did not require or
21 request additional information from the Customer regarding the specifics of the device(s)
22 for which the Customer requires service. As Hydro noted in its application, Hydro
23 reviewed the impact of the customer connection on the Labrador West system, and it
24 does not pose concerns with respect to the continued delivery of reliable service in the
25 region.

- 1 **c)** Hydro does not consider it reasonable to assume that a commercial customer will operate
2 the proposed charger exclusively during off-peak periods. Commercial charging
3 infrastructure is generally intended to serve customer demand as it occurs throughout the
4 day, including during peak periods. Further, the customer has advised that the estimated
5 peak load for the connection is 240 kW. Accordingly, Hydro assessed the request based on
6 the customer's stated peak demand and the potential for operation during peak periods.