

1 Q. Provide the detailed connected load information, including the load requirements of the electric
2 vehicle charger, and the derivation of the estimated peak demand.

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5 A. Newfoundland and Labrador Hydro (“Hydro”) does not independently derive the estimated peak
6 demand for a customer connection. Hydro reviews the information provided, and if there are
7 obvious errors¹ or information that does not appear reasonable, Hydro will discuss with the
8 customer to clarify; otherwise, Hydro relies on the information provided by the customer.

9 For a copy of the customer’s Request for Service, please refer to PUB-NLH-001, Attachment 1.
10 The connected load is listed as 240 kW, with an estimated peak demand of 240 kW; Hydro
11 considered this to be a reasonable estimate, based on the assumption that when the charger
12 was in use, it would operate at its full connected load.

¹ An example of an obvious error would be the inversion of the numbers listed for connected load and peak load.



REQUEST FOR SERVICE GENERAL INFORMATION

CUSTOMER INFORMATION

Name	Carol Auto LTD
Current Address	55 Avalon Dr, Labrador City
Service Address	Same
Phone Number	709-944-2000

GENERAL SERVICE ONLY

1.	Nature of business: <u>Car Dealership</u>	
2.	Location of Premises:	Yes No
	Public Road	☒ ☐
	Within Community	☒ ☐
	Municipal or Other Plan	☒ ☐
	Permanent Service	☒ ☐
3.	Single Phase Service	☐ ☒
	Three Phase Service	☒ ☐
4.	Service Voltage: <u>347 / 600V</u>	
5.	Service Size in Amps: <u>600</u> Service Conductor Size (mcm): <u>350</u> Conductor Type: ☒ Cu, ☐ Al. Lugs Required: ☐ Single, ☒ Double <u>N 2</u>	
6.	Please provide breakdown of connected load (attach separate sheet if more room required).	
	<u>1 Phase</u>	<u>3 Phase</u>
	Lighting (kW)	_____
	Heating (kW)	_____
	Miscellaneous (kW)	<u>240kW</u>
	Motors (kW)	_____
	Total (kW)	_____
7.	Estimated Peak Demand: (Total kW of load <i>expected</i> to be on at the same time) <u>240kW</u>	
8.	Estimated annual load factor: Or estimated annual consumption (kWh)	
9.	If applicable, the expected service life:	
10.	A copy of the customer's electrical drawings.	
11.	A copy of the customer's site plan.	
12.	Date service required (ready for connection).	
13.	Primary metering requested (extra charges may apply). (subject to the customer supplying and maintaining all distribution facilities beyond the point of supply)	
14.	Temporary / Construction power requested (extra charges may apply).	

Customer/Electrician signature verifies that his information is accurate and understands information is subject to a 2 year review:

Prepared by: Dave Pardy Date: _____