

1 **Q. Please provide the per unit cost to supply and install a new Level 2 smart**
2 **charger for a participant who does not already have a Level 2 smart charger.**
3

4 A. The per unit cost to supply and install a new Level 2 smart charger for a participant who
5 does not already have a Level 2 smart charger will depend on various factors, including
6 the make and model of the charger and the physical distance from the electrical panel to
7 the charger’s location on the participant’s premises.
8

9 The costs of Level 2 smart chargers vary within the local market. As examples,
10 Canadian manufacturer Flo offers the FloX5 charger (model HOX50001-P09) for a local
11 retail price of \$1,450, whereas the Grizzl-e Smart charger (model GRS-14-24-AB) is
12 available for \$750. The specific model of Level 2 smart charger installed as part of the
13 pilot project will be determined in consultation with the third-party service provider
14 administering the project.
15

16 The costs to install a Level 2 smart charger will include permitting, installing a 240-volt
17 outlet close to the charger, the addition of a 40-50 Amp breaker to the electrical panel
18 and associated wiring. These costs typically range from \$500 to \$1,500.
19

20 For budgeting purposes, Newfoundland Power assumed a total cost of \$2,000 per unit
21 installed. It is expected that costs would be less in some cases, such as for participants
22 who already have a Level 2 charger installed, but require replacement with a smart
23 model to participate in the pilot project.