

1 Q. The CIAC Handbook which provides guidelines for estimating maximum demand for all new
2 service requests for general service customers provides the option that the maximum annual
3 demand can be estimated by multiplying the connected load by a 50% demand factor when the
4 connected load is 40 kW or greater (source, page 29 of CIAC Handbook). Would Hydro consider
5 it reasonable to apply a 50% demand factor or some other demand factor less than 100% in
6 estimating the customer's peak demand? Explain.

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9 A. The referenced portion of the CIAC Handbook notes that "If the customer has not provided a
10 reasonable estimate of maximum annual demand. . ." the maximum annual demand can be
11 estimated in the manner provided above. As Newfoundland and Labrador Hydro ("Hydro") has
12 noted, it believes that the estimated peak demand provided by the Customer is reasonable and
13 a revised calculation was not required. Further, Hydro does not believe it would be reasonable
14 to apply a 50% demand factor, or any other generic demand factor less than 100%, given the
15 type of equipment. Applying a 50% demand factor would assume that only half of the
16 connected charging capacity could be utilized during peak operating periods, which may
17 understate the demand requirements associated with the proposed service.