

- 1 Q. Reference: Response to Request for Information NP-NLH-004
2 The response to Request for Information NP-NLH-004 states on Page 33 of 57, Lines
3 4-8:
4 *“Design calculations consider these effects, and therefore Terrain Category C was*
5 *selected for all glaze ice zones. As a conservative assumption line designers*
6 *maintained Terrain Category B in the rime ice zones, even though topography*
7 *suggests Category C.”*
8 Please explain in detail, why Hydro has not used Category B for all geographic areas
9 as recommended in the CAN/CSA-C22.3 No. 60826-10 standard in Section 6.2.2. on
10 page CSA/12.
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12
13 A. The reference in Section 6.2.2 on page CSA/12 is not worded as stated in the
14 question. It states:
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16 Terrain type B is representative of the majority of lines and should
17 lead to acceptable results in all areas except in flat coastal areas,
18 where a terrain type A should be used.
19
20 Selection of a higher design wind speed may result in an oversized line, which
21 will perform satisfactorily but at a higher cost to electricity customers.