

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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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.

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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.