

1 Q. Reference: GRK-NLH-038 (Revision 1, July 28-14)  
2 *"In its second report prepared in October 2012, Review of the Muskrat Falls and*  
3 *Labrador Island HVdc Link and the Isolated Island Options, MHI completed a*  
4 *thorough assessment of Nalcor's updated work and made the following*  
5 *observations:*

6 *"[i]t is MHI's opinion Nalcor undertook appropriate due*  
7 *diligence selecting the weather loads for this transmission*  
8 *line" and "[t]he climatic loadings for each line section are*  
9 *approximately equivalent to the climatic loadings*  
10 *calculated assuming Canadian Standards Association (CSA)*  
11 *1:500 year return period."*

12 Please provide mathematical calculations to demonstrate that the climatic glaze ice  
13 loadings, say for St. John's and the Long Range Mountains, used for designing the  
14 Labrador-Island HVdc Link are approximately equivalent to the climatic loadings  
15 calculated assuming the Canadian Standards Association (CSA) 1:500 year return  
16 period.

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19 A. Please refer to Hydro's response to NP-NLH-004.