

1 Q. **Project C-35: Construct 230 kv Transmission Line-Soldiers Pond to Hardwoods**

2 Has Hydro considered the cost to upgrade TL266 and/or TL218 to withstand a
3 66mm ice load? If yes, why was this not considered a viable option?

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6 A. Hydro did look at this option at a very high level and acknowledges that this option
7 is not feasible for existing TL 266 and TL 218 configurations. In both configurations,
8 shield wire is needed and the original 25mm or 38mm ice load did not include the
9 shield wire load cases or the tension for dead end structures. To accommodate
10 these loadings under the proposed new configurations, spans have to be
11 significantly shortened and many new structures, including dead ends, need to be
12 inserted as “mid-span” structures to accommodate the “wire support” system.