

1 Q. **Reference: Failure Investigation Report – L3501/2 Tower and Conductor Damage, Icing Event**
2 **January 2021 in Labrador (January 2021 Icing Event Report), page 73.**

3 It is recommended that ice monitoring and removal should be incorporated into the
4 maintenance plan for L3501/2 to prevent ice accumulation that would overload the line.
5 Describe what action Hydro is taking in response to this recommendation. If a plan has been
6 developed to incorporate ice monitoring and removal provide a copy.

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9 A. Power Supply has adjusted its practice to monitor weather forecasts to trigger line inspections
10 following severe icing events and placed a threshold on wind and freezing rain forecasts that
11 would trigger specific inspections. The Company also has experience in using ice monitoring test
12 stations throughout the HVdc line length throughout the Labrador-Island Links (“LIL”) design. In
13 2021, Power Supply completed the design of new test spans with updated measuring
14 equipment that will measure ice accumulation in specific regions. The procurement process for
15 the supply and construction of these test spans has commenced with a targeted installation
16 date for the first of these new stations in Labrador in the fall of 2021.

17 Power Supply intends to engage a third party for ice removal services. It is anticipated that this
18 contract will be in place in advance of the 2021–2022 winter operating season. In addition,
19 Churchill Falls Labrador Corporation Limited (“CFLCo”) has developed work procedures and
20 started training its helicopter pilots on ice removal techniques. This will enable CF(L)co. pilots to
21 support ice removal activities as required.