

1 Q. **Reference: Failure Investigation Report – L3501/2 Pole Assembly Turnbuckle Failure – Failure**
2 **Event February 2021 in Labrador (2021 Turnbuckle Failure Report).**

3 How long did the repairs to the LIL take for the January, 2021 weather events and the February,
4 2021 turnbuckle failure events and how long was the LIL out of service?

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7 A. The first failure on the transmission line associated with the January 2021 weather event was
8 observed on January 11, 2021 and the final major repairs were completed on February 24, 2021,
9 resulting in 45 days to repair the multiple failures. The first turnbuckle failure occurred on
10 February 3, 2021, and a second failure occurred on February 12, 2021. Repairs were completed
11 on February 18, 2021 resulting in 14 days to complete both repairs.

12 The Labrador-Island Link (“LIL”) was in a bipole forced outage for 270 consecutive hours from
13 February 7, 2021 to February 18, 2021 due to damage resulting from a combination of the
14 weather events in January and the turn buckle failures on the pole conductor assembly.

15 However, if power transfer over the LIL was a necessity, the bipole forced outage could have
16 been reduced by relocating resources working on the electrode line repairs to focus on the pole
17 conductor repairs and reducing some of the inspection work on adjacent turn buckles in the
18 area of the failures. It is estimated that one pole could have been returned to service in 174
19 hours.