

1 Q. **Reference: PUB-NLH-298:** Please provide an update as to the status of the
2 restoration plans relating to a failure of the HVdc line.

3

4

5 A. Hydro's response to PUB-NLH-298 states:

6

7 The details of the restoration plan as outlined in Hydro's response to
8 GRK-NLH-033, relating to a failure of the HVdc line, will be developed
9 as part of the detailed asset management plans for the new
10 equipment that will be integrated into the system. The development
11 of the asset management plans along with other system integration
12 and ready for operations activities will be carried out by dedicated
13 teams over the next 12 to 18 months.

14

15 Hydro's response to GRK-NLH-033 states, in part:

16

17 In the unlikely event of a failure due to the ice load being greater
18 than design, anti-cascading structures will limit the amount of
19 damage and restoration plans with special focus for areas with poor
20 accessibility will be developed prior to the line going in service with
21 an objective to limit the repair duration to two weeks.

22

23 The restoration plan will include:

24

- Purchase and storage at strategic locations of materials required for line restoration;

25

26

- Availability of all-terrain equipment to access remote sites;

- 1 • Development of an access and restoration trail-way system
- 2 as part of the initial construction;
- 3 • Design of temporary emergency structures which can be
- 4 flown to remote sites; and
- 5 • Mutual aid agreements with neighboring utilities to assist
- 6 with restoration

7

8 The Transition To Operations Team (TTOT), including the Ready For Operations
9 (RFO), Ready For Integration (RFI) and Build the Production Organization (BTPO)
10 groups were established in November 2014. Staffing and relocation took place
11 between December 2014 and January 2015. The TTOT is working with the
12 individual project component managers to ensure seamless integration of the
13 project assets into the interconnected transmission system from mechanical
14 completion, through commissioning and testing to turnover to the owner
15 including asset management strategies. With respect to the restoration plans
16 for an HVdc line failure, BTPO is reviewing the construction access plans for the
17 HVdc line to assess the final configuration of the access trails for maintenance
18 and repair.

19

20 These efforts are ongoing.