

1 Q. **Reference: Schedule 1, Appendix A: Minimizing Customer Impact upon Loss of**
2 **Supply HVGB, Rural Planning Study, page 4 (Schedule 1, page 12 of 21)**

3

4 **Citation:**

5 If L1301/L1302 fails [Situation 4] then the only supply for Happy Valley-
6 Goose Bay will be the Happy Valley-Goose Bay Gas Turbine. It will have a
7 capacity of 25 MW leaving a deficit of 56 MW that cannot be served at
8 peak.

9

10 During this situation, it is recommended to tie the north end of HV16 to
11 HV156; tie the end of CR5 to HV10, and to energize feeders HV10 (with
12 end of CR5), HV15 (with part of HV16) and HV1 with HS3. If loading allows
13 it may also be possible to energize the core of North West River and
14 Sheshatshiu on HV7.

15

16 a) Are there any circuits that would be disconnected (neither on nor rotated)
17 under Situation 4? If so, please identify them.

18

19 b) Please estimate the number of hours per year when curtailment would be
20 required, under Situation 4.

21

22 c) Please indicate how much load would be unserved at peak in Situation 4 if all of
23 the cryptocurrency/blockchain customers identified in the response to LAB-
24 NLH-01a) were curtailed, and for how many hours (estimated).

- 1 d) Please indicate how the recommended feeder prioritization plan for Situation 4
2 would be modified, if all of the cryptocurrency/blockchain customers identified
3 in the response to LAB-NLH-01a) were curtailed.
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5
- 6 A. a) If Situation 4 occurred, all non-priority areas,¹ and possibly the HVY(NWR/SHE-
7 Core) area, will be disconnected depending on exact loading at the time. It is
8 expected that these customers will likely not be served until transmission
9 equipment is repaired and service restored.
10
- 11 b) If Situation 4 occurs and TL1301/1302 fails, it is anticipated that non-priority
12 areas will be out of service or experiencing rotating outages, depending on the
13 time of year, for the duration of the transmission outage, which could be up to
14 two weeks or more. In this case, Hydro will likely be able to only service the
15 priority areas for the duration of the transmission line outage.
16
- 17 c) Please refer to Hydro's response to LAB-NLH-001. At present, Hydro is unable to
18 unilaterally curtail a particular customer based on end use. To do so would be
19 contrary to Hydro's obligation to provide equitable access to an adequate
20 supply of power and service that is not unjustly discriminatory pursuant to the
21 Power Policy of the Province.
22
- 23 d) Please refer to c).

¹ As indicated in Hydro's response to LAB-NLH-004 a).