

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 the Happy Valley-Goose Bay Gas Turbine is unable to generate power or
6 provide synchronous condenser support during peak load [Situation 2] the
7 only source of supply is L1301/L1302 at 65 MW. This means there will be
8 16 MW unable to be served at peak.

9

10 During this situation, it is recommended to tie the end of CR5 to HV10, and
11 the end of HV16 to HV15 using two new gang switches and rotate CR4,
12 HV7(industrial), HV8, CR5, CR6, HV15(industrial), HV16 and HV17 off for 30
13 mins of each 60 min period (each feeder will be on one-half of the time).
14 The amount of CLPU that can be tolerated under this situation will be 42%.
15 [underlining added]

16

17 a) Please confirm that "CR4" should read "HS4".

18

19 b) Are there any circuits that would be disconnected (neither on nor rotated)
20 under Situation 2? If so, please identify them.

21

22 c) Please estimate the number of hours per year when curtailment would be
23 required, under Situation 2.

24

25 d) Please indicate how much load would be unserved at peak in Situation 2 if all of
26 the cryptocurrency/blockchain customers identified in the response to LAB-
27 NLH-01a) were curtailed, and for how many hours (estimated).

- 1 e) Please indicate how the recommended feeder prioritization plan for Situation 2
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) It is confirmed that “CR4” in Table A3 should instead read “HS4”.
7
- 8 b) There are no circuits that would be disconnected under Situation 2. All circuits
9 will either remain on or be subjected to rotating outages.
10
- 11 c) Under Situation 2, for the full 2018-2019 winter season, there are 527 hours
12 when the load is forecasted to be between 65 and 80.6 MW during which
13 customer curtailment/interruption would be required.
14
- 15 d) Please refer to Hydro’s response to LAB-NLH-001. At present, Hydro is unable to
16 unilaterally curtail a particular customer based on end use. To do so would be
17 contrary to Hydro’s obligation to provide equitable access to an adequate
18 supply of power and service that is not unjustly discriminatory pursuant to the
19 Power Policy of the Province.
20
- 21 e) Please refer to d).