

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 supply power
6 during peak load [Situation 1] then the only source of supply will be
7 L1301/L1302 with a capacity of 77 MW. This means there will be
8 approximately 4 MW of load that cannot be served at peak.

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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-operated switches⁴ and
12 rotate HS4, HV7(industrial), CR5, CR6, HV15(industrial), and HV16 off for
13 30 minutes of each 90 minutes (each feeder will be on two thirds of the
14 time). The amount of Cold Load Pick Up (CLPU) that can be tolerated under
15 this situation is 35%.

16

17 a) Are there any circuits that would be disconnected (neither on nor rotated)
18 under Situation 1? If so, please identify them.

19

20 b) Please estimate the number of hours per year when curtailment would be
21 required, under Situation 1.

22

23 c) Please indicate how much load would be unserved at peak in Situation 1 if all of
24 the cryptocurrency/blockchain customers identified in the response to LAB-
25 NLH-01a) were curtailed, and for how many hours (estimated).

- 1 d) Please indicate how the recommended feeder prioritization plan for Situation 1
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) There are no circuits that would be disconnected under Situation 1. All circuits
7 will either remain on or be subjected to rotating outages.
8
- 9 b) Under situation 1, there are 6 hours in the full winter season when the load is
10 forecasted to be between 77 and 80.7 MW, during which some customer
11 curtailment/interruption would be required.
12
- 13 c) Please refer to Hydro's response to LAB-NLH-001. At present, Hydro is unable to
14 unilaterally curtail a particular customer based on end use. To do so would be
15 contrary to Hydro's obligation to provide equitable access to an adequate
16 supply of power and service that is not unjustly discriminatory pursuant to the
17 Power Policy of the Province.
18
- 19 d) Please see Hydro's response to c).