

- 1 **Q. (Reference Application Schedule B, Corner Brook Acute Care Hospital**
 2 **Redundant Supply, page 5)**
 3
- 4 **a) What is the expected improvement in reliability of supply to the hospital**
 5 **resulting from this project?**
- 6 **b) Is the customer aware of the expected improvement in reliability**
 7 **relative to the cost?**
- 8 **c) Was consideration given to installing additional backup generators at**
 9 **the hospital site that might also be used to supply capacity to the Island**
 10 **Interconnected System during system emergencies?**
- 11 **d) Does this project in any way benefit other customers on the system?**
- 12 **e) Would additional backup generators benefit other customers on the**
 13 **system?**
- 14
- 15 **A.** a) Newfoundland Power is not able to forecast the expected improvement in
 16 reliability of supply to the Corner Brook Acute Care Hospital resulting from the
 17 project. However, since the redundant supply will be supplied from a second
 18 distribution feeder from a different substation than the primary supply to the
 19 hospital, it is expected that the minutes of outage experienced by the hospital
 20 would approach zero under normal operating conditions.
- 21
- 22 b) Yes, the customer is aware of the expected improvement in reliability relative to
 23 the cost.
- 24
- 25 c) No, the customer's request was specifically for a second distribution feeder from
 26 a different substation to be the redundant supply for the Corner Brook Acute
 27 Care Hospital.¹
- 28
- 29 d) Yes, there are potential residual benefits to other customers associated with the
 30 upgrades to the distribution system required to provide the requested redundant
 31 supply.
- 32
- 33 e) No, any backup generation on site for the Corner Brook Acute Care Hospital
 34 would only supply the Corner Brook Acute Care Hospital facilities and would not
 35 supply energy to the Newfoundland Power system.

¹ The redundant supply is being requested by the customer to meet the requirements of the standard
 CAN/CSA-Z32-99 (R2004) *Electrical Safety and Essential Electrical Systems in Health Care Facilities*.