

1 Q. **Reference: Application, Attachment 1, Page 27, Lines 8 - 9**

2 On Page 27 at Lines 8 - 9, Hydro states:

3 A fibre-optic line would also be installed for communication purposes.

4 What communication and/or protection services will be provided by the fibre optic line? Has
5 Hydro considered any other commercially available services from third party providers that
6 could replace the need for the fibre optic cables?

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9 A. The fiber connection will be used for Supervisory Control and Data Acquisition ("SCADA"). It will
10 connect the new plant with the protection and control devices that control power on the lines in
11 Charlottetown. For greater clarity, there is an existing service provider fiber optic line in place
12 between Port Hope Simpson and Charlottetown. Newfoundland and Labrador Hydro's ("Hydro")
13 intent is to enter into a service agreement with the provider to establish communications
14 between the diesel plant and the protection and control devices located in Charlottetown. New
15 fiber optic installation will be limited to "last km" fiber required to connect the provider's
16 facilities to the new plant in Port Hope Simpson as well as to the protection and control field
17 devices in Charlottetown. Hydro has taken a similar approach at other diesel plant locations in
18 Labrador to upgrade its communications as solutions over fiber optic facilities become available
19 from the service provider.