

1 Q. **Tab 16; Volume II: Additions for Load – Wabush Substation Upgrades**

2 Hydro states on page i (Executive Summary), lines 4-8, that “These upgrades include the
3 addition of transformer capacity, the installation of breakers and other electrical equipment, the
4 installation of a Supervisor Control and Data Acquisition (“SCADA”) system, replacement of the
5 control building, and distribution system upgrades. This project is required to support the
6 reliable supply of power to Newfoundland and Labrador Hydro’s (“Hydro”) customers that are
7 served by the Wabush Substation.” The cost of the project is estimated to be approximately
8 \$10.5 million.

9 What would be the cost of a similar project designed to achieve the same goal of providing a
10 “reliable supply to Newfoundland and Labrador Hydro’s (“Hydro”) customers that are served by
11 the Wabush Substation” if the Wabush substation had remained classified as distribution?
12 Please provide details on any significant cost differences that arise.

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15 A. As per Newfoundland and Labrador Hydro’s response to PUB-NLH-037 of this proceeding, the
16 only impact of the reclassification of the 46 kV transmission network in terms of capital upgrade
17 requirements relates to the requirement for the power transformer addition. If the project
18 proposal to upgrade the Wabush Substation excluded power transformers¹ and was limited to
19 the reliability upgrades described above (including the installation of breakers and other
20 electrical equipment, the installation of a Supervisory Control and Data Acquisition system,
21 replacement of the control building, and distribution system upgrades), the project cost would
22 be estimated to be approximately \$8.6 million.

¹ Transformer control panels and foundation costs would also be excluded.