

1 Q. **Reference: Volume I, 2020 Capital Projects Over \$200,000 and less than \$500,000, Replace**
2 **Radomes – Various, page D-38, lines 18 to 20**

3
4 Hydro has a network of microwave radios by which corporate communications
5 and system data are transmitted. The microwave radio system provides the
6 backbone for all corporate voice and data communications across Hydro's
7 system.
8

9 Does Hydro's network of microwave radios carry traffic other than corporate communications
10 and system data specifically for regulated Hydro operations? If yes, please identify those other
11 users (including unregulated operations and third parties), estimate the percentage of traffic
12 carried for those users, and explain how those users contribute to the capital and operating
13 cost.
14
15

16 A. Newfoundland and Labrador Hydro's ("Hydro") microwave radio network carries only traffic for
17 regulated administrative use and SCADA¹ control with the exception of a T-1 circuit (1.5 mbps)
18 from Sandy Brook Hill to Gull Pond Hill that Hydro leases to Bell Canada. This traffic represents
19 less than .005% of the system's capacity and generates \$2,776.00² monthly.

¹ Supervisory Control and Data Acquisition ("SCADA").

² This amount is calculated using the National Tariff Rate Tables as outlined in the CRTC document number 7400-e.