

1 Q. Schedule 1, Page 6, Footnote 17. The footnote states that "An additional 13kW of load growth is
2 equivalent to two electrically heated homes (average peak impact of 7.5 kW per home)
3 connecting to the distribution system." Please provide the supporting evidence that 7.5 kW is
4 the average peak impact per home.

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7 A. The 7.5 kW proxy was developed by Newfoundland and Labrador Hydro ("Hydro") in 2018, using
8 load research data on the Labrador Interconnected System completed during the 2006 Load
9 Research Study conducted by Newfoundland Power Inc. ("Newfoundland Power").¹ This data
10 was compared to the 2019 Test Year Cost of Service Coincident Class Peaks for the all-electric
11 rate classes to approximate a value.

12 Hydro is participating in a new joint Load Research Study with Newfoundland Power and DNV
13 Energy Insights USA Inc., which will provide updated load research.

¹ Hydro was responsible for purchasing and installing the required metering equipment as well as data collection for its customers in Labrador.