
1 Q. Please provide any summary data Newfoundland Hydro has on the percentage of
2 residences and commercial businesses that use electric heat as the primary heating
3 system and on the proportion of electric heating systems that use heat pumps in
4 addition to or in lieu of electric resistance heating.

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7 A. Table 1 and Table 2 below provide the summary data currently available to Hydro
8 that indicates space heating fuel share percentages of residences and the
9 proportion of customers that use heat pumps. The percentages in the tables
10 provide approximations for the more specific questions asked.

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12 The percentage of commercial businesses at the end of 2018 that use electric heat
13 as the primary heating system on the Newfoundland Power system is estimated at
14 53% based on customer coding. Please note that Hydro does not track and code its
15 commercial customers based on space heating fuel shares. However, Hydro expects
16 that the bulk of commercial customers on the Labrador Interconnected system to
17 be reliant on electricity for their primary heating fuel.

Table 1			
Residential Total Heating Costs by Fuel Type (%)			
	NL	Customer Region	
		NF Power	Hydro
Electricity	70%	72%	56%
Oil	16%	17%	14%
Wood	12%	9%	29%
Propane	2%	2%	0%
Other	1%	1%	0%
Source: NP-NLH Customer Survey 2017			

Table 2						
Cumulative % of Residential Customers that have installed Heat Pumps since 2013						
	2013	2014	2015	2016	2017	2018
NP	2%	4%	6%	8%	9%	14%
Hydro	-	-	0%	2%	5%	12%
Provincial	-	-	5%	7%	9%	14%
Note: Includes electric and non-electric heat customers.						
Source: NP-NLH sponsored customer surveys.						