

1 Q. **Re: RRAS, 2019 Update, Vol. III, page 14 (130 pdf)**

2 Citation :

3 5.3.4 Heat Pumps

4 Both the Synpase and Dunskey studies commented on the material increase in heat pump usage  
5 on the Island Interconnected System and the potential for additional conversions to the use of  
6 heat pumps. To provide increased understanding of system load impacts of peak usage  
7 attributes of heat pumps, Newfoundland Power is undertaking a heat pump load research study.  
8 The objective of the heat pump load research project is to understand the impact that  
9 increasingly high penetration of heat pumps will have on the Island Interconnected System  
10 demand and peak load requirements.

11 The results of this study will inform future CDM program design, customer education and  
12 system load forecasts.

13 Were Synpase and/or Dunskey asked to evaluate the current and potential use of heat pumps in  
14 Labrador? If not, why not?

15

16

17 A. Synpase Energy Economics was retained by the Board of Commissioners of Public Utilities, not  
18 Newfoundland and Labrador Hydro (“Hydro”). As such, Hydro is not able to comment on their  
19 scope of work.

20 The Dunskey report does not examine the potential use of heat pumps on the Labrador  
21 Interconnected System given the relatively high cost as compared to published rates and the  
22 limited potential for efficiency savings in light of the average winter temperatures experienced  
23 on the Labrador Interconnected System.