

1 **Q. Please provide the most recent residential electric sales profile available. Submit**  
2 **end-use daily load curves for the typical home (kW versus time) showing electric**  
3 **space heating, electric water heating and other end-uses as available for a winter**  
4 **weekday and weekend, summer weekday and weekend, spring weekday and**  
5 **weekend and fall weekday and weekend.**

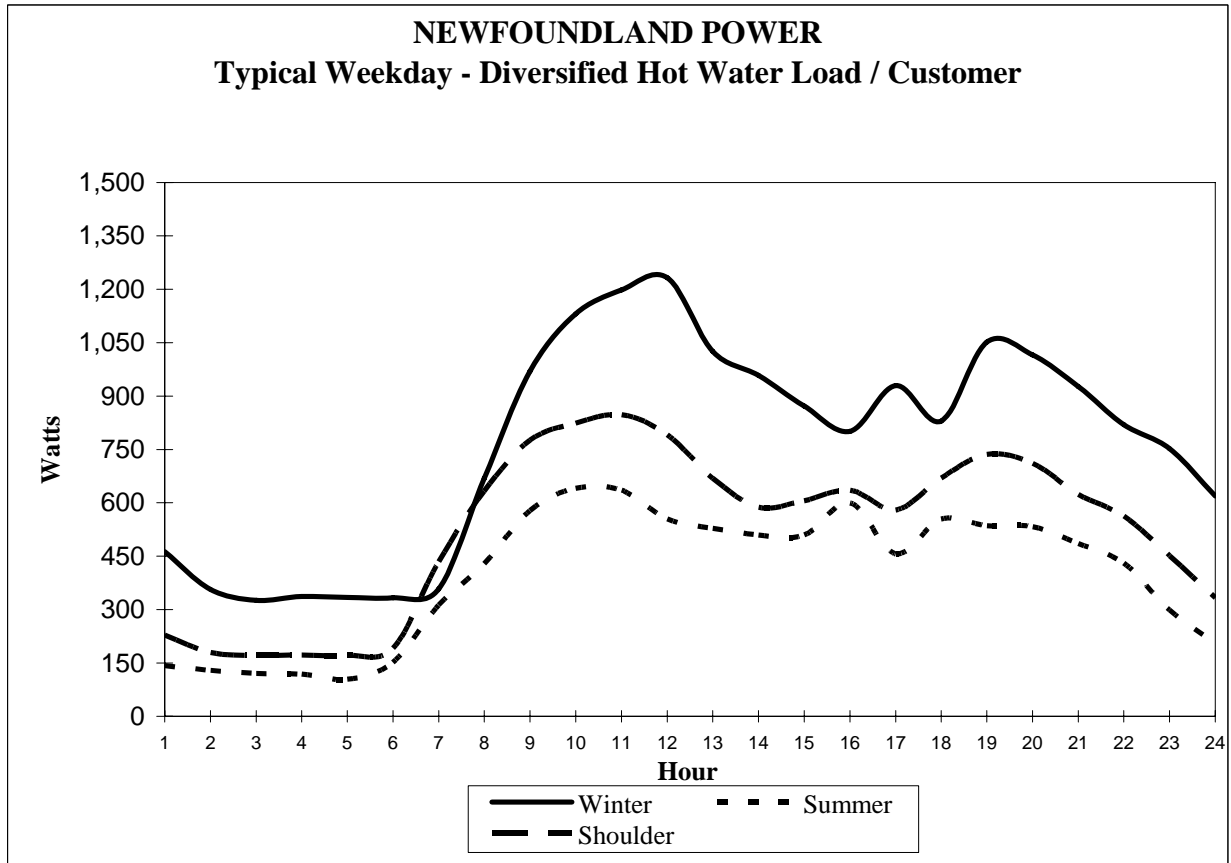
6  
7 A. Attachment A is an end-use curve for typical weekday energy consumption for an electric  
8 hot water tank. The typical weekday curve is provided for the winter, summer, and  
9 shoulder periods during the year. Data for this curve was derived based on the difference  
10 between usage patterns of customers with electric hot water tanks and customers without  
11 electric hot water tanks.

12  
13 The Company does not have similar end-use curves for electric space heating or other  
14 end uses for the times requested.

15  
16 The Company does have load curves for class loads. The class load curves for residential  
17 customers can be found in the *2006 Load Research Study* contained in Volume 2, Tab 11,  
18 of the Application. Appendix E of the *2006 Load Research Study* illustrates the curves  
19 for both the Domestic Regular (alternate primary heating source) and Domestic All-  
20 Electric (electric primary heating source) subclasses for three winter system peak days.

**Typical Weekday Energy Consumption  
for an Electric Hot Water Tank**

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<sup>1</sup> Obtained through load research in 1992-94.