

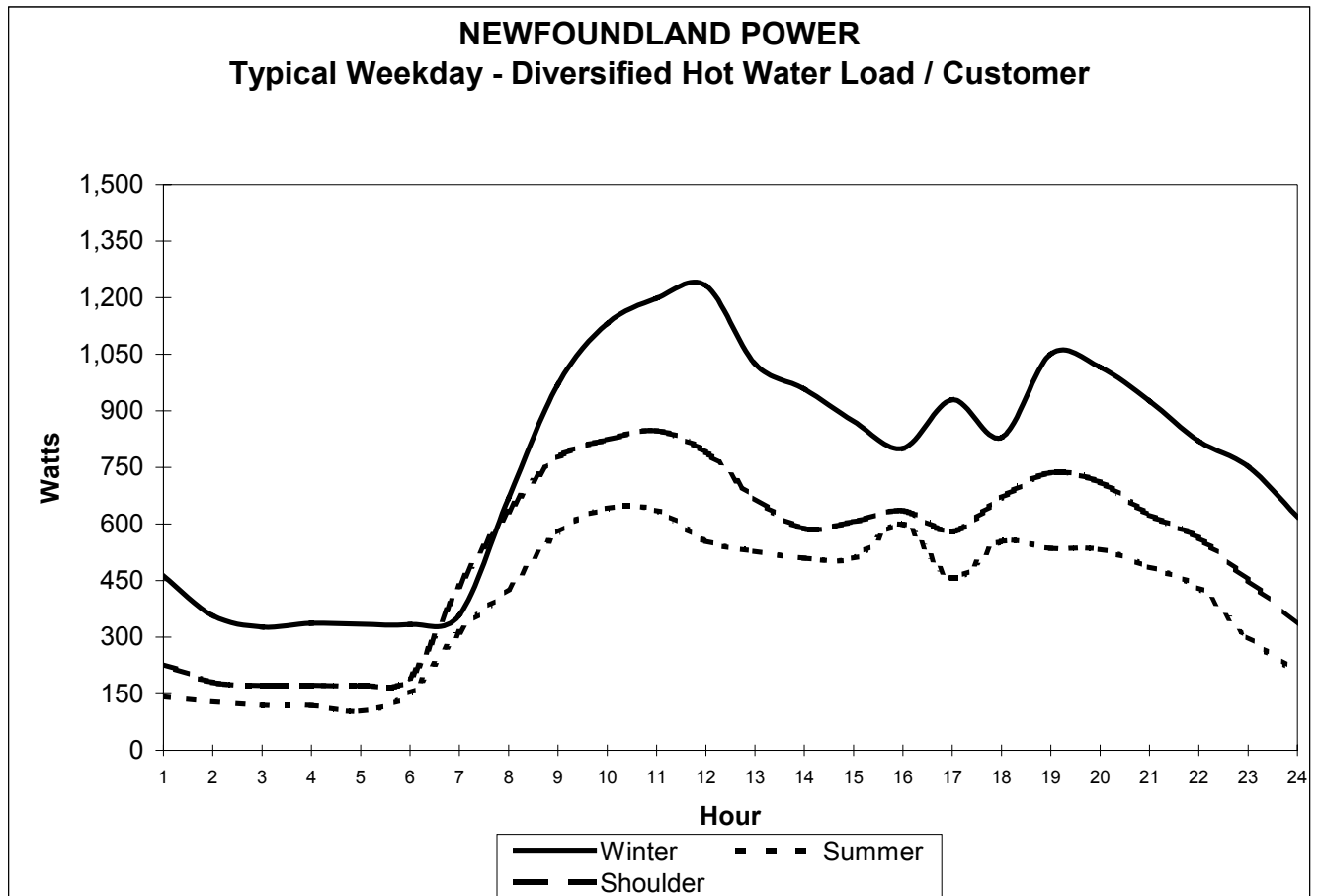
1 **Q. Submit end-use daily load curves for the typical home (kW versus time) showing**
2 **electric space heating, electric water heating and other end-uses as available for a**
3 **winter weekday and weekend, and non-winter weekday and weekend.**
4

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

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11 The Company does not have similar end-use curves for electric space heating or other
12 end-uses.

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14 Class load profiles for total energy use for residential customers can be found in the
15 Company's report entitled *Newfoundland Power's Load Research Program, Analysis of*
16 *Load Research Data*, which is contained in Attachment C to the Company's response to
17 Request for Information PUB-201. Figures 4-5A to 4-5H in the report illustrate Typical
18 Day curves for the studied rate classes. The residential class load pattern is provided for
19 the four seasons of the year and for weekdays versus weekend days.

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