

1 Q. Consumer Question: Can NALCOR please confirm if this hourly/monthly profile
2 (exhibit 2) is used throughout the analysis. How is it increased on a go forward
3 basis? Is it just increased by a ratio similar to the estimated growth in annual total
4 energy?

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7 A. The hourly/monthly profile in *Exhibit 2 – Annual Load Shape* is used throughout the
8 analysis. However, in each year of the analysis, the load shape is adjusted to match
9 both the forecasted annual peak demand and the forecasted annual total amount
10 of energy, as required.

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12 For example, the ratio of the annual total amount of energy required to the annual
13 peak demand is represented by the annual load factor (ALF). Any given annual
14 hourly load profile has a fixed ALF. If the growth rates of the annual energy and
15 peak demand forecasts are different, then the shape of the load profile must be
16 adjusted. *Strategist*, NL Hydro's generation expansion software, accomplishes this
17 by adding or subtracting energy as required in the middle of the curve (the shoulder
18 areas) and leaving the most important areas, the minimum and peak load areas of
19 the load shape curve, alone.