Q. Consumer Question: The total energy demands from 2029 – 2067 have been extrapolated from the 2010-PLF. In this period the Peak Demand (MW) appears to be a constant ratio to the total energy (GWHr). That is, the Peak Demand in MW is the total energy divided by 5.1. However a review of the historical statistics (1978-2010) show that this ratio is not consistent at 5.1 but varying with a ever decreasing trend. As the economics of both scenarios are dependent upon any additional generation capacity that may be required to service the domestic needs in winter, it is considered very important that this "ratio" be accurate. NALCOR is requested to clarify how the peak capacity (MW) was extrapolated in the period from 2029-2067.

A. The peak demand for the 2010 to 2029 is forecast independent of the energy forecast and explicitly accounts for changes in the customer composition, electric heating and improvement in efficiency. The 2016 through 2029 time frame indicated a relatively stable load factor across this period, and this supported the extension of the peak demand forecast post 2029 using the 2029 annual system load factor for the Island system.