

Load Data and Billing Determinants Bangor Hydro-Electric Company

Appendix E contains a summary on paper of the historic kWh usage and number of customers served by Bangor Hydro-Electric Company (BHE), as those customers' characteristics correspond to standard offer classes.

Additional billing data may be downloaded from the Maine Public Utilities Commission supplier web site (www.state.me.us/mpuc/supplier.htm), as Microsoft Excel spreadsheets. These files contain kWhs and kW as currently billed,¹ and number of customers for each month in 1997, 1998, and 1999. The following data are available:

1. Billing determinants for each utility core rate class, as the determinants are currently billed.
2. Billing determinants for individual contracts (aggregated). BHE currently offers specialized rates to some 25 non-residential customers.
3. Billing determinants corresponding to each utility core rate class, with targeted rate and contract customers included in the core rate to which they would ordinarily belong.

Hourly load data may be downloaded from the web site cited above. All data are average per-customer hourly kW. The following data are available:

1. Residential customers, 1992
2. Small non-residential customers, 1990
3. Medium non-residential customers, 1990
4. Large non-residential customers, 1997 through 1999

In January 1998, central and southern Maine experienced an ice storm that significantly disrupted electrical service. The event lasted from approximately January 7 through January 26.

¹ BHE's demand charges currently contain a ratchet provision, whereby per-kW rates are applied to the monthly maximum demand but to no less than either 75% of the highest monthly demand occurring in November through February of the preceding eleven months or 50% of the highest monthly demand occurring in March through October of the preceding eleven months. The provision varies by rate class. A more complete description of the ratchet may be found in BHE's tariffs. Standard offer per-kW rates will be applied to the same ratcheted kW that BHE uses for its billing.