To get things started, I merged the 3 regions of Massachusetts into a statewide total, for consistency with other states. Power consumption data has been normalized with the population of each state. The basic unit of power is changed from MWatt to KWatt.

**Demand by Date:** Noisy data as expected due to fluctuations by day of week, hour of day, seasonal, and daily weather. I checked a few of the large peaks in summer and confirmed they happened on days when temperatures reached record or near record levels. A screenshot of a computer

Description automatically generated

**Demand by day of week:** Higher demand during the week, less demand on weekends.

A screenshot of a computer

Description automatically generated

**Demand by hour of day:** Higher demand during daylight hours is no surprise. An interesting nuance is Vermont with a large dip in the middle of the day. Vermont is very rural, with a low population. Perhaps fewer people work in air-conditioned offices, with more people working in the agriculture industry. Just a guess.

A screenshot of a computer

Description automatically generated

**Demand by week #.** The purpose is to see if the noise is less than the first plot by day of year. There clearly is less noise, but the peaks on hot days are still visible. Code is attached.A screenshot of a computer

Description automatically generated