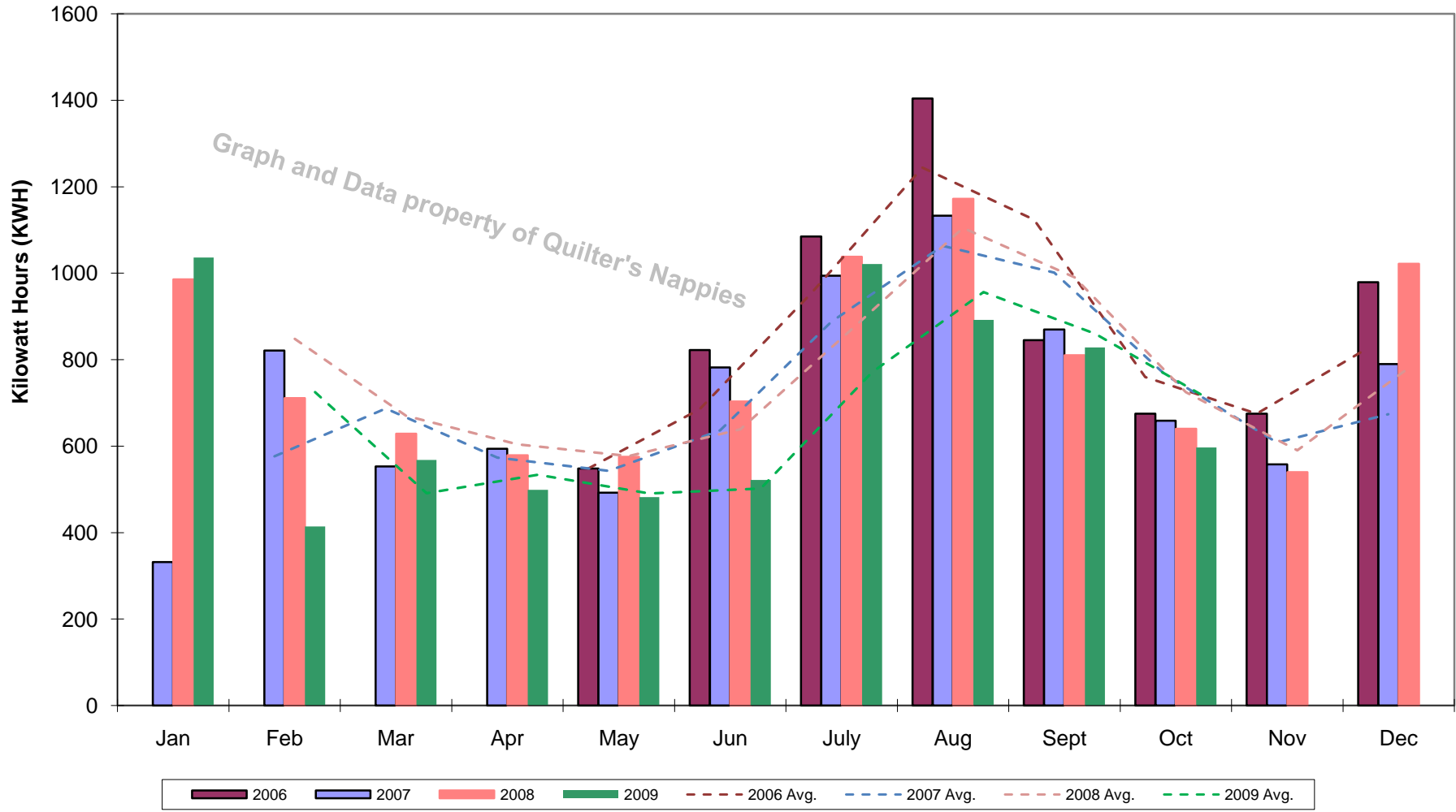


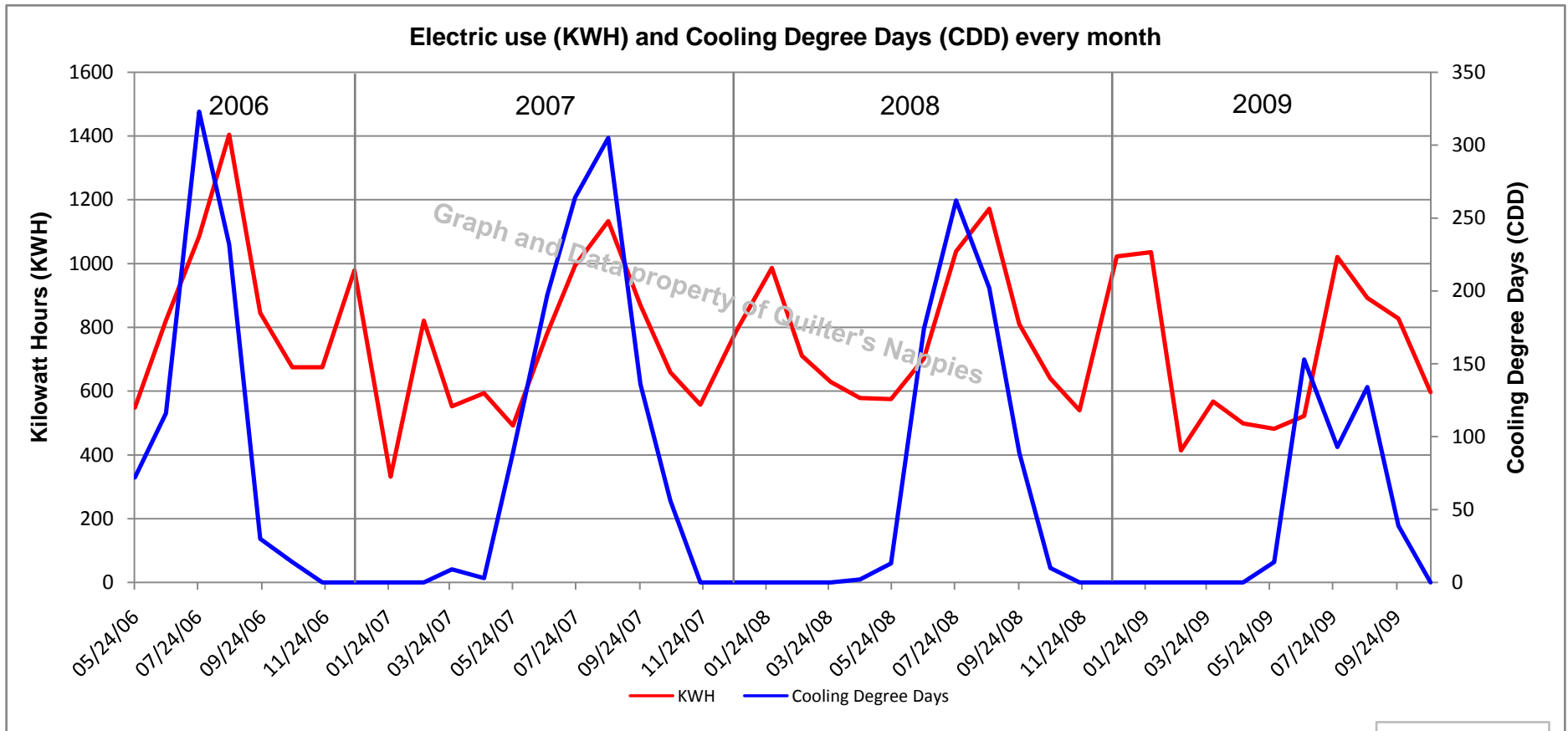
### Electric Usage by month, year to year



Graph 1 of 3

*This chart shows actual electric usage for running appliances, lights, the air conditioner (to cool the house in summer), etc. The dashed lines are the average use by month. As shown, in 2009, on average, we used less electricity than any other year for almost every month*

**Kilowatt Hour (KWH)** is defined as "A unit of energy: the expenditure of one kilowatt of power for one hour."



**Graph 2 of 3**

*This chart shows actual electric usage from the chart above plotted against the number of Cooling Degree Days.*

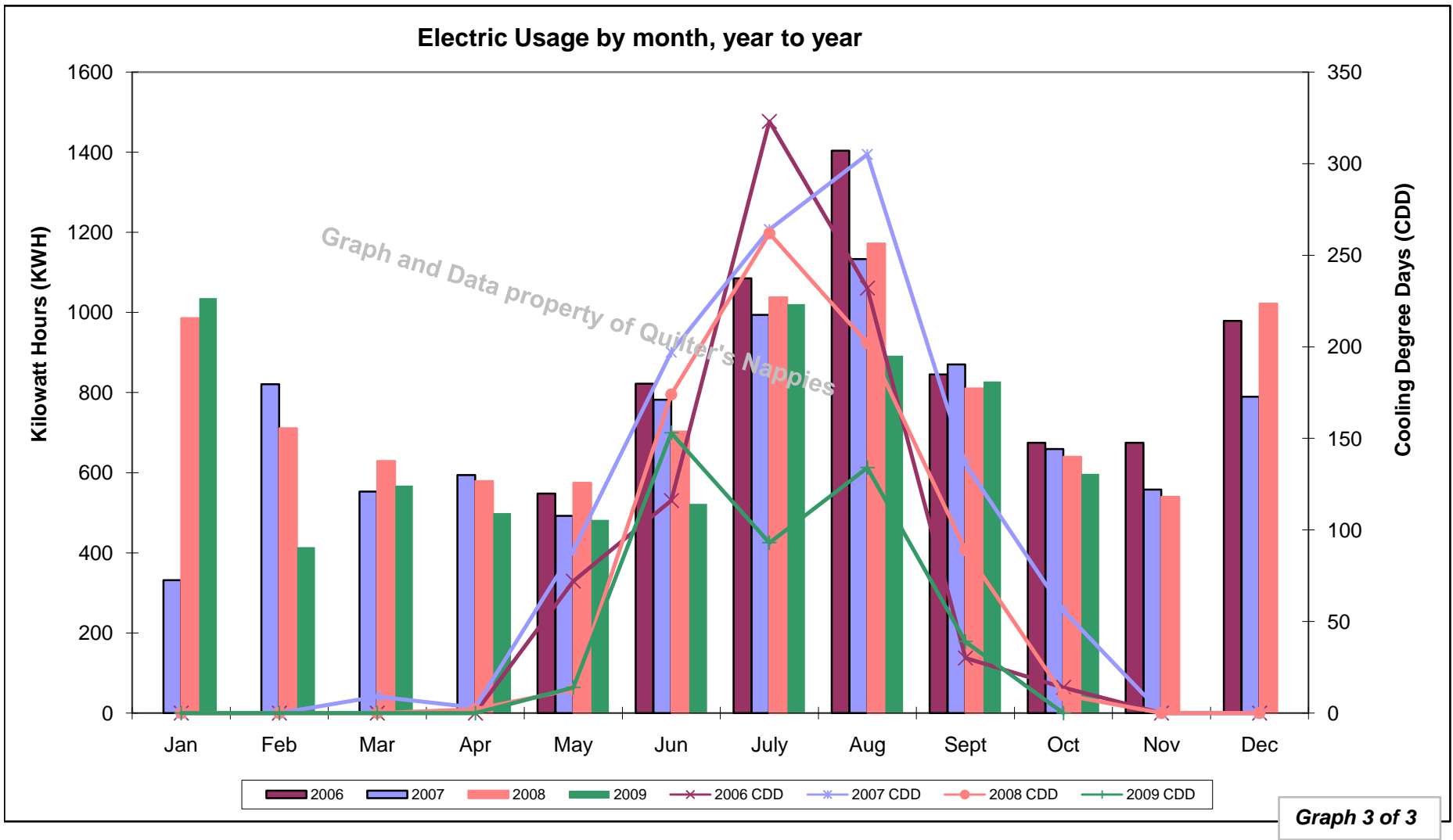
*It shows how the amount of electricity used every month followed the outside temperature; the hotter it was, the more electricity used to cool the house.*

*Plus, in the periods ranging from the end of Nov. to the beginning of Jan., the electric use goes up because we put up a lot of christmas lights.*

*When you look at the chart, you can see that from 2006 to 2009 the summers have gotten cooler with 2009 being a very cool summer. Even with that, the electric usage has not changed a lot from year to year*

**Kilowatt Hour (KWH)** is defined as "A unit of energy: the expenditure of one kilowatt of power for one hour."

**Cooling Degree Days**- A form of degree day used to estimate energy requirements for air conditioning or refrigeration. Typically, cooling degree days are calculated as how much warmer the mean temperature at a location is than 65°F on a given day. For example, if a location experiences a mean temperature of 75°F on a certain day, there were 10 CDD (Cooling Degree Days) that day because 75 - 65 = 10.



This graph is a combination of the two graphs above with the CDD overlaid on the electric usage. In the summer months, there's a slight correlation between the temperature and the electric use, again, due to the whole house air conditioner running (an electricity hungry appliance) Looking at the Cooling Degree Days (CDD) you see that Dec. to Feb. of each year has a fairly high electric use even though the air conditioner was not running. This is due in part to the use of many christmas lights, the furnace fan running and the occasional use of a space heater