

Electrical Pie Poster

Using the data from the Excel spreadsheet, you and your partner are going to make a pie chart of electrical power consumption by region.

Directions:

1. Divide the country, by state, into at least 5 and no more than 7 regions, and pick a name and color for each region. Keep in mind, each region should be contiguous (that means, don't put California in the same region as New York. Although, it is okay to have Alaska and Hawaii in the same region). Color in the provided map, and attach it to your poster.
2. Add up the power consumption for each region, and determine what percentage of the national power consumption each region uses.
3. Draw, color, and label a Pie Chart of the total power consumption in the U.S. on your poster.
4. Solar, wind, nuclear, and hydroelectric power all produce less carbon emissions than burning fossil fuels for energy. For each region, determine which of these methods of generating electricity can be implemented to lower carbon dioxide emissions.
5. What other ways can carbon emissions be lowered?