Name: _____ Mrs. McGill/Government

Date: _____ Period _____

State Energy Information

Use this worksheet to record your impressions about your state's energy resources and consumption.

1. What state are you researching? _____

2. Go to: http://www.eia.doe.gov/emeu/states/_states.html and click on your state on the map.

3. Select the "Renewable Potential Map" link on the left under *Features*. Additional information is also available from "Renewable Energy Issues" in the same location.

4. What are your state's possible energy resources that could be further developed?

   ☐ Fuelwood Harvested ☐ Solar Radiation above 6 kilowatts per day
   ☐ Geothermal Potential ☐ Wind Resources ☐ Significant waterways (for hydroelectric)

5. Go back to the main page for your state. On the right hand side, under *Total Energy,* click the "Total" or "Total Consumption" link in the *Consumption* section.

6. Scroll down to the section that is marked "Trillion BTU" (about halfway down the page). Roughly, how much more energy is being consumed for the time periods and energy sources listed below? (example, 1 ½ times, double, 10x, etc.)

   Between 1960 and 1980
   Coal: _____ Natural Gas: _____ Total Petroleum: _____
   Nuclear: _____ Hydroelectric: _____ Wood/Waste: _____

   Between 1980 and 2001
   Coal: _____ Natural Gas: _____ Total Petroleum: _____
   Nuclear: _____ Hydroelectric: _____ Wood/Waste: _____

7. The second to last column on the right describes either the surplus or negative amount of energy the state used for each year. A negative number means it had to bring in energy from another state or country. What was the "Net Interstate Flow of Electricity/Losses" for the following years in million kilowatts?

   1960: _____ 1970: _____ 1980: _____ 2001: _____

8. What can you conclude about your state's consumption of energy and its potential for creating additional sources of alternative energy?

9. Compare your numbers with at least two other students' state data. How does your state compare to other states?