

## The Energy Quiz

- 1. Which uses the most energy in our homes each year?**
  - a. Electrical lighting
  - b. Heating and cooling rooms
  - c. Water heating
  - d. Refrigeration
- 2. The U.S. consumes lots of energy for electricity, transportation, and other activities. Which fuel provides the most energy for all these uses?**
  - a. Petroleum
  - b. Coal
  - c. Natural gas
  - d. Wind and solar
- 3. Which of the following is not a fossil fuel:**
  - a. Natural gas
  - b. Nuclear
  - c. Petroleum
  - d. Coal
- 4. What sector of the U.S. economy consumes most of the nation's petroleum?**
  - a. Residential
  - b. Commercial
  - c. Industrial
  - d. Transportation
- 5. Hydroelectric energy comes from \_\_\_\_.**
  - a. Geothermal wells
  - b. Falling water
  - c. Wind turbines
  - d. The sun
- 6. Global warming focuses on an increase in the level of which major gas in the atmosphere?**
  - a. Ozone
  - b. Sulfur dioxide
  - c. Carbon dioxide
  - d. Carbon monoxide
- 7. Clean Power Sonoma offers 100% local, renewable energy for Sonoma. What are the two sources of this local renewable energy?**
  - a. Wind & solar
  - b. Geothermal & solar
  - c. Hydropower & solar
  - d. Solar & biomass

8. **How efficient is energy produced from burning coal (that is, how much of the energy from coal actually reaches the consumer as electricity)?**
- a. 1/3 (one-third)
  - b. 1/2 (one-half)
  - c. 3/4 (three-quarters)
  - d. 9/10 (nine-tenths)
9. **When was the first, gasoline-powered internal combustion engine invented?**
- a. 1876
  - b. 1924
  - c. 1938
  - d. 1959
10. **What type of energy source is generated by geysers?**
- a. Hydroelectric
  - b. Solar
  - c. Tidal
  - d. Geothermal