NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DATE: \_\_\_\_\_\_\_\_\_\_\_\_\_ CLASS: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**HOME ENERGY AUDIT: PRE-ASSESSMENT** *Created for the National Renewable Energy Laboratory*

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| **1. The energy in fossil fuels such as coal is stored as.....**  a. chemical energy  b. electrical energy  c. thermal energy  d. nuclear energy | **6. Compared to incandescent light bulbs, fluorescent bulbs...**  a. use more energy  b. use less energy  c. use the same amount of energy  d. make people want more power |
| **2. What energy source provides the nation with the most energy?**  a. coal  b. natural gas  c. petroleum  d.electricity | **7. Which sector of the economy consumes the most energy?**  a. transportation  b. commercial  c. industrial  d. residential |
| **3. Which residential task uses the most energy?**  a. lighting  b. heating water  c. heating and cooling rooms  d. refrigerators | **8. Electricity usage is measured in......**  a. amperes  b. volts  c. kilowatt-hours  d. current |
| **4. Most energy conversions produce.....**  a. light  b. heat  c. motion  d. sound | **9. A kilowatt is equal to......**  a. 10watts  b. 50 watts  c. 75 watts  d. 1000 watts |
| **5. The major use of coal in the United States is to....**  a. fuel trains  b. heat homes and buildings  c. make chemicals  d. generate electricity | **10. The average cost of a kilowatt-hour of electricity in our region......**  a. 1-10 cents  b. 10-25 cents  c. 25-99 cents  d.1-5 dollars |