PETROLEUM

• My major use is for transportation.

• Forty-eight percent of me is imported from other countries.

• Most of me is refined into gasoline.

• I’m number one in the U.S., providing 35.6 percent of America’s total energy consumption.

• Texas, North Dakota, and California are the leading states that produce me.

• The United States is the world’s top producer of me.
COAL

- I generate 33.1 percent of the nation’s electricity.
- I’m transported mostly by trains.
- Efforts are made to remove sulfur from me.
- I’m America’s most abundant fossil fuel.
- About 8.3 percent of me that is produced in the U.S. is exported to other countries.
- Wyoming, West Virginia, and Kentucky are states that produce me.
NATURAL GAS

• I heat roughly half of the nation’s homes.
• I’m colorless and odorless.
• My chemical name is methane.
• Electricity generation and industry are my largest consumers in the U.S.
• I’m a cleaner burning fossil fuel.
• I’m transported mostly by pipeline.
URANIUM

- I’m the nation’s third leading source for generating electricity.
- I’m presently being used in 99 reactors in the U.S.
- I was first used in 1957 to make electricity.
- I supply a little more than 19 percent of U.S. electricity.
- The U.S. leads the world in production of electricity from me.
- My power plants store my spent fuel waste products on site.
PROPANE

• I’m colorless and odorless.

• My supply comes from processing natural gas and petroleum.

• I’m often used in rural areas and on farms.

• I supply less than 2 percent of the nation’s energy.

• I’m a portable source of heat energy.

• I’m normally stored under pressure.
HYDROPOWER

• I supply 5-10 percent of U.S. electricity, depending on the amount of rainfall.
• I’m limited to certain geographic areas.
• I provide 17.0 percent of the world’s electricity.
• I’m being used in over 2,200 locations in the U.S.
• My facilities can disrupt wildlife and fish populations.
• I require the Earth’s gravity to work.
• Methane gas can be made from me.
• Photosynthesis stores radiant energy in me.
• I get my energy from wood, garbage, and agricultural waste.
• I can be used to generate electricity.
• Ethanol can be made from me and used as a transportation fuel.
• Burning me can produce air pollution.
GEOTHERMAL

• I produce less than one percent of U.S. energy.

• I’m used mainly in western states.

• I can be used for home heating and cooling.

• My energy comes from the Earth’s core.

• My major use is the production of electricity.

• I get my energy as a result of radioactive decay.
WIND

• Most of my electricity is from Texas, Iowa, and Oklahoma.

• I convert my motion energy directly into electrical energy with no cost for the fuel.

• I produce no air pollution.

• My turbines operate both on land and offshore.

• I produce 4.7 percent of U.S. electricity.

• I’m caused by uneven heating of the Earth’s surface.
SOLAR

- I’m not available at all hours of the day.
- I can be converted directly into electricity using photovoltaic cells.
- I’m great for water and home heating.
- I work better in some parts of the country.
- I supply just under 1 percent of the nation’s electricity.
- I’m free to use, but you have to purchase and maintain my equipment.