

# PETROLEUM

- My major use is for transportation.
- The U.S., China, the Netherlands and Japan are the biggest importers of me.
- Most of me is refined into gasoline.
- I can be transported by land, by sea, or by pipeline.
- The United States, Saudi Arabia, and Russia produce the highest quantities of me.

# COAL

- My main use is for the generation of electricity.
- Burning me can produce carbon dioxide and even acid rain.
- Efforts are made to remove sulfur from me.
- The U.S., China, Australia, Russia, and India have large reserves of me.
- Indonesia and Australia are the largest exporters of me.

# NATURAL GAS

- North America is the largest consumer of me.
- I'm colorless and odorless.
- My chemical name is methane.
- I'm a cleaner burning fossil fuel.
- As a liquid, I occupy 1/600th of the space I occupy as a gas.

# URANIUM

- I'm used for generating electricity.
- I release no carbon dioxide.
- I was first used in 1957 to make electricity.
- The U.S. and France lead the world in production of electricity from me.
- I must be enriched before I can be used for energy production.

# PROPANE

- I'm colorless and odorless.
- My supply comes from processing natural gas and petroleum.
- Major uses of me include residential and commercial heating and cooking, chemical production, and industrial fuel.
- I'm a portable source of heat energy.
- I'm normally stored under pressure.

# HYDROPOWER

- Brazil and Norway produce the most electricity from me.
- I'm limited to certain geographic areas.
- I provide 16.8 percent of the world's electricity.
- My facilities can disrupt wildlife and fish populations.
- I require the Earth's gravity to work.

# BIOMASS

- Methane gas can be made from 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.

# GEO THERMAL

- Several island nations, such as Indonesia, the Philippines, Iceland, and New Zealand are major producers of me.
- I can be used for home heating.
- 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

- China, the U.S., and Germany produce the most electricity from me.
- 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'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.
- Germany, China, Japan, and the U.S. produce the most electricity from me.
- I'm free to use, but you have to purchase and maintain my equipment.