

Energy Review Questions

Potential and Kinetic Energy:

Define Potential Energy:

Define Kinetic Energy:

These are types, forms or sources of energy?

Write the formula for potential energy:

Write the formula for kinetic energy:

Give three examples of both:

6 Forms of Energy:

List all 6 forms:

What type of energy form is this?

Fusion:

Objects of motion:

Wind:

X-rays:

Heat:

Energy stored in bonds of atoms:

Burning:

Energy stored in center of atoms:

Fossil Fuels:

Describe **Coal**:

Environmental concerns:

Amount US uses:

Most plentiful fossil fuel; easy to transport; produces fossil fuels,
provides lots of energy

Describe **Petroleum**:

Describe **Natural Gas**:

Nuclear Energy: Most energy starts this way

Define **fission**:

Controlled reaction:

Uncontrolled reaction:

Define fusion:

Element transformed:

Element produced:

Renewable Energy:**Solar:**

Indirect renewable sources from solar:

Example of active solar heating:

Example of passive solar heating:

Wind:

Define:

Biomass:

Define:

Main type:

Geothermal:

Define:

Location:

Hydroelectric:

Define:

Purpose of a dam:

