What are three examples of energy sources used by humans?

Nonrenewable -

Fossil Fuels -

Nuclear Fuels -

Commercial Energy Sources -

Subsistence Energy Sources -

Describe the difference between Energy Efficiency and Energy Quality?

How do we determine the overall efficiency of energy use in a system?

What are the basic steps of converting a fuel to electricity?

 Turbine -

 Electrical Grid -

What are the major fuels we used to generate electricity in the United States?

 Combined Cycle -

 Capacity -

 Capacity Factor -

 Cogeneration -

How are the different types of coal formed?

How is oil formed, and why does it need to be refined?

 Petroleum -

 Crude Oil -

 Oil Sands -

 Bitumen -

 CTL -

What are the major advantages and disadvantages of using coal, oil, and natural gas?

Explain the relationship between energy intensity and energy use per capita.

 Hubbert Curve -

 Peak Oil -

What are the major considerations involved in the future of fossil fuels?

Compare Nuclear Fission to Nuclear Fusion.

How does a nuclear reactor work, and what makes it a desirable energy option?

 Fuel Rods -

 Control Rods -

What are the two major concerns about nuclear energy?

 Radioactive Waste -

 becquerel (Bq) -

 Curie -