

Energy Film Notes: How can we meet our future energy needs?

Energy 101:

1. Approximately how much of our current energy is generated by the following:

coal
natural gas
nuclear
hydroelectric

2. What is a thermal power plant?

3. What is a turbine?

4. How does electricity get from the power plant to your home?

Alternative Energy

1. What are the traditional sources of energy?

2. Why is the future of energy a concern for society?

3. Complete the following

Alternative Energy	Advantages	Disadvantages	Future Implications
Solar			
Wind			
Biomass			
Hydropower			
Geothermal			
Hydrogen			

4. How can we meet our future energy needs?

5. What effects can energy have on our lifestyle and economy?