

Energy Exercise

Link	Questions for Energy Exercise
<p>IPPEX</p>	<p>Select about Fusion Science How much energy is gained from the fusion reaction? Where do they get the tritium? How strong a magnetic field do they need to confine the reaction? What temperature does it run at? How much waste does one 1000 MWe coal power plant produce?</p>
<p>lecture 1</p>	<p>How much electricity is lost as waste heat & transmission? Which country is the source for most the US oil now? Why is the demand for oil steadily rising? What are the problems with getting oil from ANWR (at least 2)? How do we augment permeability? How can we augment our natural gas supply?</p>
	<p>What opportunities for renewable energy would be best for El Paso? What is "insolation"? What is the average insolation for El Paso? What is the highest temperature of groundwater found in the El Paso area (not air Temp!)? Are we a candidate for geothermal power?</p>

<p>lecture 2</p>	<p>What is the windpower potential of: the panhandle? the TransPecos? The Coast of Texas?</p> <p>How can the individual conserve energy?</p>
<p>NOVA Science NOW</p>	<p>Draw and explain how one of the types of fuel cells works.</p> <p>select watch this segment use RealVideo if you have a dial up modem</p>
<p>Energy Use</p>	<p>Select residential, then your state, then save energy at home, then tools, tips, calculators, then home energy calculators. Be sure to Print the comprehensive report, turn the print-out in.</p> <p>How much energy do you use? (total kwh for electric; and total energy costs, electric and gas)</p> <p>How could you save energy?</p> <p>What uses the most electricity in your home? How many kwh/year does it use?</p> <p>How much \$ would you save if you made the changes listed?</p>