

Vocab			Vocab (cont)	
Fossil Fuel	Fuel that comes from the remnants of	prehistoric organisms.	Commercial Energy Sources	Sources th
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Vocab (cont)		Vocab (co	ont)	Vocab (cont)	
Subsistence Energy Sources	Sources gathered by individuals for their own use.	Conservation of Energy	Energy cannot be created or destroyed; it can only be changed from one form to another.	EROEI	Energy return o obtained from the
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Vocab (cont)		Vocab	(cont)	Vocab (cont)		
Cogene ration	Using a fuel to generate electricity and produce heat.		A solid fuel formed from the remains of 280-360 million yr old plant materials	Lignite, Sub-bituminous, bituminous, and anthracite.	The four types of coal r age, exposure to press	
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Vocab (cont)		Vocab (c	ont)	Vocab	Vocab (cont)	
Petroleum	A mixture of hydrocarbons, water, and sulfur that occur in underground deposits.	Oil Refinery	Uses heat to separate crude oil into gasoline, kerosene, fuel oil, and diesel fuel.	Natural Gas	Exists as a part of pogaseous deposits se	
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Vocab (cont)		Vocab (c	ont)	Vocab (cont)	
Oil A slow-moving, viscous Sands deposit of bitumen mixed with sand, water, and		Bitumen (tar/p- itch)	A degraded kind of petroleum that forms when petroleum migrates close to the surface where bacteria metabolize some of the light hydrocarbons and others evaporate.	Hubbert Curve	A graph that she production woul point at which w
	clay.	,			



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Vocab (cont)		Vocab (cont)		Vocab	(cont)
Fission	A nuclear reaction in which a neutron hits a large nucleus, which them splits into 2+ parts.	ger atomic	Uranium 235 (U-235)	The isotope of uranium that undergoes nuclear fission.	Fuel Rods	The cylindrical used in nuclear
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	cheatography.com/carolinewswope/		pdated 11th Ma 6 of 100.	y, 2016.		yone has a novel ://apollopad.com



Vocab (cont)	Vocab (c	cont)	Voca
Control	Cylindrical devices that can be inserted between fuel rods to	Radioa-	Nuclear fuel that can no longer produce enough heat	High
Rods	absorb excess neutrons, thus slowing/stopping the fission	ctive	to be used in a power plant, but still emits radioacti-	Radi
	reaction.	Waste	vity.	Was



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Vocab (cont)		Vocab (d	(cont)		
Low-Level Radioactive Waste	The protective clothing, tools, rags, and other things used in routine plant maintenance.	Nuclear Fusion	The reaction that occurs when lighter nuclei are forced together to produce heavier nuclei and release heat. This powers the Sun and other stars.	United 50 40 - 00 consumption (Er) 20 - 0 1 10 - 0 185	
				Figure 12.3 Essinguerental Science © 2012 W. H. Freeman and C	

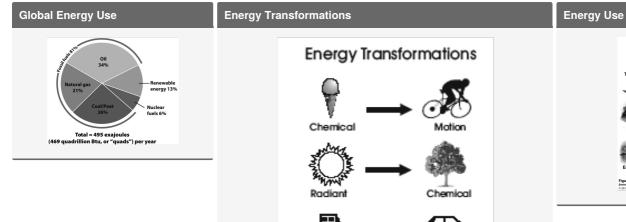
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Motion

Thermal







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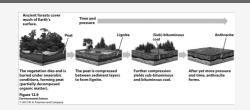
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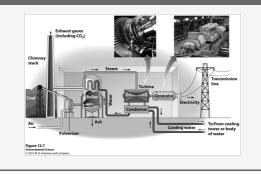
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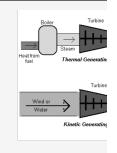
Coal Formation



Coal Plant Electricity Generation



Electricity Generating F



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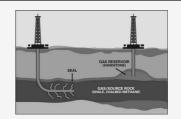
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PETROLEUM & NATURAL GAS FORMATION OCEAN 300-400 million years ago Sond & Sill Plent & Animal Remains Over time, they were covered by The normonal heat and pressure The normonal heat and pressure

Hydraulic Fracking



Fracking



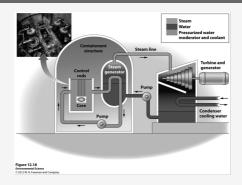


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Nuclear Reactor





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