IB PHYSICS		
Name:		
Period:	Date:	



SUPPLEMENTAL READING ACTIVITY

ENERGY POLICY (20 points)

Note: This assignment must be typed. Once complete, you may turn in a hardcopy (preferred) or may submit it to ManageBac.

DO NOT try to handwrite your answers in the space provided!

1. Write a brief paragraph explaining your beliefs on the threat posed by global climate change and what the United States and the world as a whole should do about it.

Your Answer (1pt):

- 2. Read the following four articles posted on the website:
 - a. Wind Farms Are Warming The Earth
 - b. Climate Report Accused of Bad Data
 - c. Proof Global Warming Isn't Making Weather Wackier?
 - d. UN Admits Solar Activity Behind Some Warming
- 3. How did these articles influence your thinking? (4pts, 1pt each)

Wind Farms Are Warming The Earth:	
Climate Report Accused of Bad Data:	
Proof Global Warming Isn't Making Weather Wackier?:	
UN Admits Solar Activity Behind Some Warming:	

4. Good News! Donald Trump was caught with a bad hair day during the Republican National Convention and refused to come out of the dressing room. You were acting as an usher trying to earn some CAS hours and they dragged you to the stage to take The Donald's place. You were unanimously given the Republican nomination. After Hilary Clinton is sent to jail for mishandling classified information and The Bern was Baker Acted for senility, you are ultimately elected President of the United States. The prevailing issue in the election was gas prices reaching \$7/gallon after Iran shot a defective nuclear missile at Israel on the same date North Korea leveled Pyongyang with their own nuclear missile and ISIS destroyed all the oil refineries in Saudi Arabia just because they felt like it. Therefore, your first job is to develop a coherent energy policy. Since it's due on Monday, you get started late Sunday night and decide to do some research. You find one article on each of the energy sources listed below and summarize your results in the table.

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FOSSIL FUELS (2pts)				
Website Name/Owner:				
Article Title:				
Summary:				
Explain whether or not you believe the article is credible and why:				
NUCLEAR ENERGY (2pts)				
Website Name/Owner:	TTO CELETIK ETTEKOT (2pts)			
Article Title:				
Summary:				
Explain whether or not you believe the article is credible and why:				
Website Name/Owner:	SOLAR ENERGY (2pts)			
Article Title:				
Summary:				
Explain whether or not you believe the article is credible and why:				
W 1 1 1 N 10	WIND POWER (2pts)			
Website Name/Owner:				
Article Title:				
Summary:				
Explain whether or not you believe the article is credible and why:				
	NEOTHERMAL (IIVIDDOEL ECTRIC ENERGY (2.4.)			
Website Name/Owner:	GEOTHERMAL/HYDROELECTRIC ENERGY (2pts)			
Article Title:				
Summary:				
Explain whether or not you believe the article is credible and why:				

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- 5. (5pts) Your job is to provide policy/direction to Congress explaining how you want taxpayer money spent. In your budget you have \$1 billion in funds to apportion among each of the energy categories listed above. The money can be spent on incentives (tax breaks, corporate loans, rebates to taxpayers, etc.), research and development, or any other way you deem appropriate. You should also give non-monetary policy direction for your cabinet to carry out such as relaxing/tightening restrictions, granting/revoking permits, etc. These are summed up in the column, 'Policy/Direction'. Some of your considerations should include:
 - a. Near and long-term feasibility
 - b. Near and long-term needs
 - c. Infrastructure needs and costs
 - d. Operating costs
 - e. Environmental impact
 - f. Safety/security
 - g. Reliance on other countries

CATEGORY	\$ AMOUNT	POLICY/DIRECTION
FOSSIL FUELS		
NUCLEAR ENERGY		
SOLAR ENERGY		
WIND POWER		
GEOTHERMAL / HYDROELECTRIC ENERGY		

6. (-25 pts) When you have finished, feel free to play a round of golf, a pick-up basketball game, have a cigarette, take a vacation in Hawaii, or get on Air Force One for a party in Cartagena. For a change of pace, give Vladamir Putin a call and apologize for something. You deserve a break.

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