Your name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ your assigned energy source \_\_\_\_\_\_\_\_\_\_\_\_

Research team members \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**The Great Energy Debate!**

Students will use this sheet to help organize and start researching information on various types of energy sources. Students are encouraged to find as much information as they can in effort of being the prepared for their debate. The energy sources are coal, wind, natural gas, solar, biomass, hydroelectric, nuclear, geothermal, oil, and \*tidal *(not every class has a tidal group)*

PART 1

1. Identify 8+ pros about your energy resource
2. Identify 5+ cons about your energy resource (this can include safety concerns, impact, footprint, etc.)
3. Explain the average cost of building your energy source (you might have to look up real energy plants and google the cost it took to build them, and then give me a range of prices from low end to high)
4. Identify ~5 statistics related to your energy resource (the more you find the better)
5. List at least 2 interesting facts or information that will enhance your knowledge on your energy source.

PART 2

1. Define renewable and nonrenewable energy resources. After you tell what they are, then you need to create a chart stating which energy resources are renewable vs. nonrenewable
2. List a **minimum** of 2 cons for **ALL OTHER** energy resources (the more you have the better) AND explain how you are doing to use this against them.
3. List a **minimum** of 2 pros for **ALL OTHER** energy resources (this is to help you so you can compare you energy resource with others so that you aren’t blind slighted)
4. Are there any dangers, hazards, or news articles that you found that can help you prove why all other groups are bad for **ALL OTHER** energy sources

*Use example below*

|  |  |  |  |
| --- | --- | --- | --- |
| Name of energy group | Pros | Cons | Other information |
|  |  |  |  |

**Part 3 –** **EVERY GROUP MEMBER MUST DO THEIR OWN FOR THIS SECTION**

1. Explain how two of the renewable energy resources work. (One must be renewable and the other must be nonrenewable). Each explanation must be a minimum of 5 sentences
2. Why is your energy resource better than **ALL OTHERS**? This needs to be in paragraph format. **Minimum** of **5** well-written sentences.

**Citations (minimum of 8 different sources) WIKIPEDIA CANNOT BE USED!**