

# Research Paper - Rubric

	Excellent	Good	Needs Improvement	Poor	No Points
<b>Component Inclusion 25pts</b>	All required details were included in the paper	One detail was missing from the paper	Two details were missing from the paper	Three or more details were missing from the paper	The paper included none of the required content
<b>Diagram Inclusion 10pts</b>	A diagram is included that clearly shows the chosen source and how it is operated/produces energy		A diagram was included, but it does not clearly show how the source is operated/produces energy		No diagram is included
<b>Citation 20pts</b>	No mistakes were made while citing sources or pictures	One mistake was made while citing sources or pictures	Two or Three mistakes were made while citing sources or pictures	Four or more mistakes were made while citing sources or pictures	No citations were present for any sources or pictures used in the paper
<b>Organization Setup &amp; Accuracy 20pts</b>	Paper is in MLA format & showed solid use of grammar and syntax and contained minimal spelling and usage errors	Paper contained some errors MLA format, grammar and syntax, and/or spelling and usage errors	Paper contained a distracting amount of errors in MLA format, grammar and syntax, and/or spelling and usage errors	Paper contained a distracting amount of MLA or grammar and syntax errors and/or a large number of spelling and usage errors	The flow of the paper was completely disrupted due to the amount of MLA, grammar, syntax, and spelling errors
<b>Length 15pts</b>	The paper was the required length of 1000 words				The paper was shorter than 1000 words
<b>Argument 10pts</b>	The argument was convincing and supported by solid evidence		The argument was mostly opinion and lacked needed supporting evidence to make the point of view relevant		There was no solid opinion apparent in the paper

# Content

1. A clear explanation of how this energy source is used to produce energy.
  - What are the steps one must undergo to move from the raw material to electrical power?
  - Clearly explain if the source produces the energy directly, or if it is used to power another device that actually produces the energy.
2. Must include a diagram of the source machinery showing how it operates
3. Contrast the cost per kilowatt hour of operating your source with the other available sources
4. Contrast the Dollar amount cost of installation and upkeep for your source with the cost of the other available sources of energy
5. What naturally occurring resource(s) must be available to utilize the chosen energy source, including humans to monitor or maintain any equipment
6. What type of physical location is necessary to use the energy source (can it be used anywhere, or does it require a very specific type of location to work)
7. What are the positive and negative factors that influence the use of the energy source
8. What are the specific advantages and disadvantages of using the chosen energy source in comparison to all the other energy sources available to humans
  - Why is yours better than the other 7 choices available?
9. What are the environmental impacts of using this energy source and how does its use affect human communities in the immediate vicinity, as well as in the rest of the world as a whole
  - These can be Good or Bad impacts