Fossil Fuels versus Renewable Energy;

**All Original Content.2–3 paragraphs. Apply APA standards to citation of sources. Support your statements with examples. Provide a minimum of three scholarly references, And No References More Than Five (5) Years Old. \*\*\*\*\*\*\*\*In addition, PLEASE - REFERENCE - ATTACHED DOCUMENT.\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Respond to the following:

**First:***discuss the scientific and technical concepts related to the uses of fossil fuels and renewable energy resources.*

* + *Consider how fossil fuels such as coal, oil, and natural gas are utilized for production of electricity.*
  + *Consider how alternative and renewable resources such as wind turbines, hydroelectric power, wave power, and geothermal energy are utilized to either produce electrical energy or provide an alternative to electricity consumption.*

**Second**: *explain the advantages and disadvantages related to both fossil fuels and renewable energy resourc*es *such as wind power*, *hydroelectricity, geothermal energy, and biomass.*

* + *Consider issues such as availability of the resource, sustainability of the technology, and environmental impact.*

**Third:***provide 2–3 examples of the uses of both types of energy resources that are utilized in your community.*

**Again, All Original Content.2–3 paragraphs. Apply APA standards to citation of sources. Support your statements with examples. Provide a minimum of three scholarly references, And No References More Than Five (5) Years Old. \*\*\*\*\*\*\*\*In addition, PLEASE - REFERENCE - ATTACHED - DOCUMENT.\*\*\*\*\*\*\*\*\*\*\*\*\*\***

In physics, energy is defined as the ability to do work. When most people think of energy, they think of electricity. The energy that is used to produce electricity is derived from a number of resources. Much of the energy used today is obtained from fossil fuels. However, these resources are limited. As a result, alternative and renewable resources are being explored for production of electricity.

Due Fri**day, August 23, 2013**.

**The below sites were recommended sites that are and will be considered Reliable for this paper:**

**- Scientific American** website (<http://www.scientificamerican.com/>) will have a number of good articles linked. But, sometimes charge a fee, unless you dig further.

- The **Science Daily** website (<http://www.sciencedaily.com/>) is a great place to go for reliable information.

- **Discover** magazine (<http://discovermagazine.com/>).

* **Popular Science** (<http://www.popsci.com/>) and **Popular Mechanics**(<http://www.popularmechanics.com/>)can also be very good sources.
* Various "dot gov" sites are considered reliable (some more so than others).
* NIH or the CDC are great places to go for information regarding medical issues.
* For peer reviewed and pre-print material; Google Scholar (http://scholar.google.com/)
* <http://sciencenetlinks.com/>**American Association for the Advancement of Science**
* <http://www.si.edu/>**Smithsonian**
* <http://www.amnh.org/>**American Museum of Natural History**

In addition, NY Times Articles will be mostly acceptable.

For your consideration &Thank you.