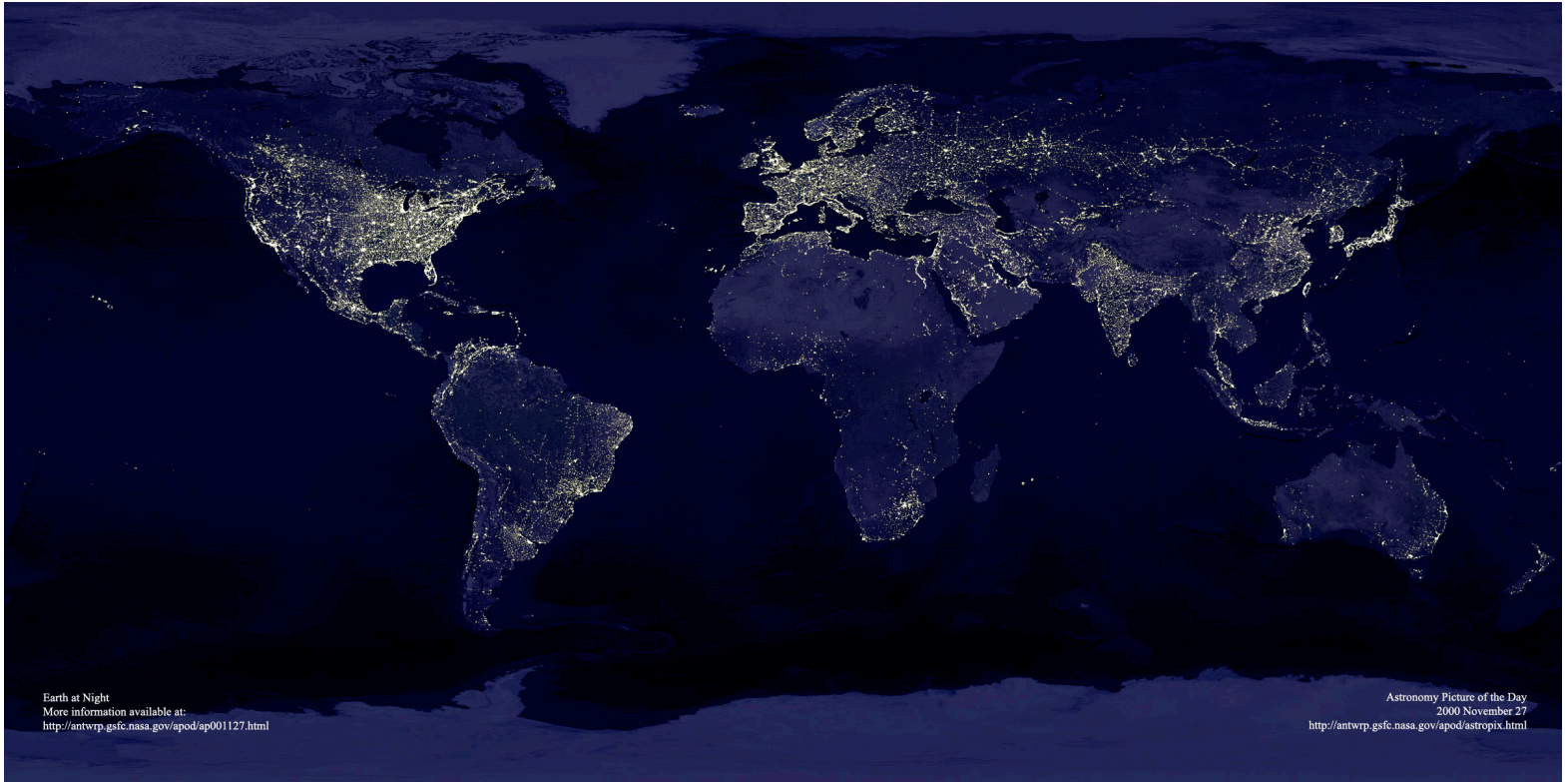


Research Project

Exploring the Energy Quest



[www.earthlights_dmsp_big 2.jpg](http://www.earthlights_dmsp_big2.jpg)

Exploring the Energy Quest

The United States consumes more energy than any other country in the world. We are able to generate electricity using a variety of methods: nuclear energy, hydroelectricity, fossil fuels, and alternative sources. Each type has pros and cons to its usage. Your goal is to research one of these methods and further investigate a current issue surrounding this type of energy use.

Goals:

- Compare the pros and cons of each type of energy use.
- Analyze how this type of energy use would affect Wyoming.

Products:

- Powerpoint presentation
- Presentation of information to class
- Energy Reduction Plan
- Debate on Jackson Town Council (in class)
- Reflection Paper (in class)

This project will require some time outside of class. The whole project will make up most of your fourth quarter grade.

Source: U.S. Energy Information Administration

Research

Topic: Choose a topic from one of the following categories:

Energy generation for electricity or power from ...

Nuclear Energy

Oil

Solar

Natural Gas

Wind

Biomass

Hydroelectricity

Geothermal

Coal

Biodiesel

Sources to Consider:

United Streaming

Podcasts from Science Friday

<http://www.ted.com/index.php/themes/view/id/15>

www.howstuffworks.com

Journals

Today's Science

Nettrekker

Resources

Proficient= Four sources all periodicals/books

Excellent= using alternative media source (10 +)

Work Cited will be graded on-line using Noodlebib.

Username: science class

Password: sciencerules

List: your topic and your class period

Powerpoint Project

15 Total Cards

4 cards describing HOW your energy topic generates electricity

4 cards discussing the pros/cons of this use

2 cards about location/local connection

1 card discussing your group's opinion

1 card works cited page

1 card title page

2 cards your choice

Hints:

Use bullets!

Use pictures!

Use maps/diagrams/statistics!

SEE RUBRIC