

## **Energy and Sustainability Presentation/Discussion Leadership**

Each group is required to give a presentation and be the discussion leader on a specified topic. The topics are: biofuels, conventional and non-conventional natural gas, oil sands, geothermal, nuclear, wind, solar, fuel cells, tidal, transportation and buildings.

The objectives of the course and ultimately your presentation are:

- Learn the history of energy production and use
- Understand emerging energy sources
- Integrate energy's role with global economic, social and political issues
- Analyze patterns of energy consumption
- Analyze connections between energy use and environmental issues, including climate change
- Develop and communicate strategies to create a sustainable energy future

As discussed in class, the following subtopics should be covered in each presentation:

- Technology basics
- History of the technology
- Costs (Economic, Environmental, Social)
- Case Study (if applicable)
- Regional issues
- US government policy (if applicable)

Each group will meet with Teresa prior to their presentation date to discuss their presentation strategy. (I do not want groups spending a lot of time on PowerPoint presentation. I am more interested in content.)

Each student will receive up to 100 points for their presentation.

**Active Participant Role:** If you sign up to be an active participant for the particular topic. You will be the person who responds to questions from the presenters and assists in making a great discussion. (You will receive up to 50 points for your presentation grade.)