

# ENGR290: Renewable Energy

## Homework 6: Real-World Design Example Presentation

Assigned: Dec 3, 2013. Due: Dec 17, 2013

### Problem 1

Now that you have all designed your Homework 5 power system, it is time to share your genius with the rest of the world.

On Dec 17 you will present your design to the ENGR105 class and dazzle them with your brilliance. As a group, you can use any one of your designs or a combination of them to come up with the best design for this problem. Your presentation should:

1. Describe the problem, including all necessary details about the power, energy, voltage and environmental requirements.
2. Describe your solution block diagram in general terms that your audience can understand. Explain the function of each device.
3. List the components that you have selected and their costs (Bill of Materials).

All students need to participate, so divide up the presentation logically. You should have a power-point presentation, but keep it simple. Include some graphs and analysis from Homer

Have the presentation ready for review Tuesday Dec 10. We will go through it and note any changes necessary before the real presentation on Dec 17.