Wind Power Meeting Summary for March-9-2007

Action Items for Next Time
- Instrumentation group to decode data streams from turbine
- Instrumentation team to place concrete block base for Davis weather station at proposed site after Heun obtains permission
- Tower group to find sawhorses
- Turbine & Tower groups to integrate turbine and tower procedures
- Rob to talk to Sr. Design Professors about a scrolling PowerPoint
- Andy to inform Campus Safety that we are going to purchase a camera and ask them for input
- Andy to get camera information to Chuck for an order
- LeAnne B to present Embrace Your Place PowerPoint at next meeting
- Rob to email Henry and ask about campus safety providing cordons
- Joel Voogt to sort out concrete strength with DeRooy
- Josh to add cost savings information to virtual instrument

Meeting Summary
We began by reviewing the action items from last meeting.

The senior design professors agreed that we should have a poster at senior design night but no people. *Rob will contact them with regard to us doing a scrolling PowerPoint instead.*

We talked with Phil DeHaan from media relations.
We talked about what we can do to get attention and publicity. The local media already knows about the project. *Media relations will sent out a news release regarding the lift day.*
We also talked about what to do if media show up on the lift day. *We need to have several people ready to talk to them.*

We talked about some main points that we want to get across to the media.
- Some sort of technical explanation – we want to be scientific but still understandable
- The turbine is a learning experience. This includes the instrumentation attached to the turbine and how it will be used to teach.
- The permits and inspection related with installing a turbine – to encourage people to do this themselves
- Economic feasibility of the turbine – is there a future for wind power in west Michigan.
- Try to avoid negative sounding language
- The turbine is a good size for a homeowner

The turbine is still not communicating so the instrumentation crew has still not begun working with it.

The tower group has designed a support for the tower during installation. The tower is still not here but they will build it anyway.
Campus Safety has still not responded to the multiple emails regarding cordons the camera. Andy G presented a possible camera that would hook into the campus system. *We decided to send campus safety an email informing them that we are buying the camera allowing them a short time to make comments. We will then purchase the camera ourselves.*

The concrete block for the Davis weather station has still not been installed. *Hopefully this can be placed next week when the weather clears.*

Professor Heun called and complained about the J bolts. He thinks it’s unlikely that we will hear any response from the company.

The scrolling PowerPoint for embrace your place day is done. Leanne will present it at the next meeting if there is time.

The sawhorses still need to be found or built.

We will have a rehearsal on Wed, May 9 at 3:30. We will need to go through procedure and assign jobs to everyone today. We also need a list of everything that we need from the physical plant.

Rob has sent campus safety multiple emails about cordons with no response. *Rob will email Henry regarding how to proceed.*

The 1st concrete cylinder has been broken and the reading was strangely high. *Joel will talk to professor DeRooy about weather he misread the gauge.*

We talked about a possible new group name. It should reflect more than just wind power, Possibly the Renewable Energy Organization.

The instrumentation group presented a picture of the virtual instrument they designed for the turbine and weather station. *The group suggested that they add an equivalent cost savings meter by the power generated meter as well as make the current power output meter more noticeable.*

Embrace your place day planning is progressing