Wind Power Meeting Summary for March-9-2007

Action Items for Next Time

- Chuck to get conduit cost information and give to Jordan Beekhuis
- Rob to get in contact with grounds about setting up barriers during the lift of the tower.
- Tower group to make a presentation to the group on how to lift the tower.
- Tower Group to develop a list of supplies/equipment that we need for the tower lifting.
- Andy to develop a plan for taking acoustical data for the city
- Professor Heun to follow up on media relations video documentation plan
- The group to decide next week with Phil Beezhold on when to dig the foundation
- Rob to coordinate with senior design about setting up a booth at senior design night
- Dan Prince to submit the application to consumers ASAP
- Instrumentation to decide on location for the weather station.
- Instrumentation group to start programming for labview
- Tower group to develop a meeting agenda and email to Phil Beezhold before the meeting on Monday
- Drawings of the entire project need to be sent to physical plant by Wednesday

Meeting Summary

We began by reviewing the action items from last meeting.

The Valmont representative has not called Jordan back. Chuck heard the taller tower will not come out till May.

*We decided to go to with the 35 ft tower. The tower group needs to work with Chuck to order the tower.*

Jordan Beekhuis reserved hardhats from the engineering dept for use on the lift day.

Henry talked about the zoning board situation. The only documentation we have is the minutes from the city website. They are only looking for acoustical background checks.

*We will not ask for more information/clarification.*

Professor Heun contacted Phil DeHann from media relations about time lapse video for the lift of the tower.

The Tower group will have a meeting with the grounds department on Monday. They will discuss the safety issue.

We talked about when to dig the foundation.

Turbine integration and testing should be started.

*The turbine is being set up and the software is ready to be loaded on the test computer.*

The bore is scheduled for next Wednesday.
Jordan discussed the budget that he wrote up. We might possibly get a web camera to watch the turbine. It could possibly integrate with the campus safety security system.

We discussed the Grand Rapids Christian Schools connection site. GRCHS wants us to get the necessary permits before we start working. They would also need to sign the agreements. We could possibly connect to a house that Calvin owns.

We heard a presentation about instrumentation from Andy Gabler

The Tower group is meeting with grounds department. They will develop an equipment list. They will also determine how many people are necessary for the lift. The meeting will be at 8:00 am on Monday. They will also talk about the tower, digging the foundation/rebar and bolts and galvanization. They need to bring up costs/ even if it is a contribution by the college. The issue of staffing for the Saturday lift time will be discussed. They will make sure Physical Plant sets up a work order to keep track of everything. After we dig the hole we need to pour the concrete soon.