Wind Power Meeting Summary for February–16–2007 Meeting

Action Items for Next Time

- Henry Devries will talk to Phil Beezhold about soil testing
- Dan Prince to make a plan to integrate the lag times and dates from Consumers into our schedule.
- The tower group needs to get with Phil Beezhold and finalize the submittal of the building permit based on the agreed design as soon as possible.
- Jordan will keep in contact with Southwest and Valmont about the taller tower.
- Andy will develop a schedule for instrumentation. This will include a new location for instrumentation, a decision on what to order, a date to order the equipment, and a date to receive the turbine.
- Jordan Beekhuis to get with Jon about putting the schedule up on the website.
- Henry to talk to CIT about getting wind.calvin.edu

Meeting Summary

We first reviewed the action items from the previous meeting.

Joel talked to Materials Testing Consultants about doing soil testing. MTC will contact Phil Beezhold. At this point it appears that soil testing will be something that could possibly slow us down.

*Henry will talk to Phil Beezhold about getting the soil testing done as quickly as possible.*

Chuck Holwerda reported that he and Randy VanDragt took a ride out to Gainey to look at where exactly the tower will be. They marked the fence with a ribbon where we need a new gate put in. They also put a stake in the ground where the turbine will be.

Dan Prince talked to Consumers Energy. All the work is done before the tower goes up and it is a 2 or 3 week process. We need to send in an application at some point.

*Dan will set up a timetable for next time with specific dates to fit the process into our schedule.*

The turbine has been ordered. It should be here within a few weeks.

We discussed the fact that the tower may not be available until March or April. It appears that plans for the taller tower will not be available early. We discussed the option of making our own plans. We also agreed that we should continue to call and request the status of getting the plans.

*We agreed to proceed with the 33’ tower with slab foundation and if the taller tower becomes available we will adjust our plans if possible. Jordan will keep in contact with Southwest and Valmont about the taller tower.*

We need to get the building permits for the turbine. Phil Beezhold will submit the application. We agreed to go forward with getting the permits for the smaller tower.
The turbine group will contact Phil Beezhold regarding what is needed from us to submit the application. We would like to submit the application ASAP.

Andy Gabler talked about instrumentation. He contacted southwest about mounting the instruments on the nacelle. Southwest said that it would not void the warranty if we used a mounting bracket that did not modify the nacelle. Their engineers said that the wind data would be flawed if the instrument was near the blades so putting it on the turbine does not seem viable.

We decided to not mount anything on the nacelle. Andy will develop a schedule for instrumentation. This will include a new location for instrumentation, a decision on what to order, a date to order the equipment, and a date to receive the turbine.