

MEETING MINUTES 17

Topic: Meeting 17 – Team Leads Meeting

Thursday, March 1, 2018

02:30pm - 03:30pm

Chair: Leo Segura De Niz

Attendees: David Willy, Alana B, Alex D, Anthony C, Devon H, Kory J, Tristan S

Location: Room 323 @ EGR Building

Table 1. Tentative Schedule

Introduction

1. Announcements
 - a. Funding update.
 - b. Pictures from manufacturing to Alana and Michael
 - i. Will be starting tomorrow. Pictures expected this weekend.
 - c. Video of 3D printed model.
 - i. Following up with Spencer.
 - ii. Dakota has a video of the hub actuating.
 - d. Firsts draft of the report March 18th. Do not wait until last minute. Know what you are responsible for.
 - i. Final draft for Willy and Karin to provide feedback due April 9th.
 - e. Next DOE all team call March 12th. Room 102.

Discussion Topics

Test Team A - Blades, Shaft, DC-DC Converter, Wind Tunnel Testing, Generator

Test Team B - Hub, Rectifier, Nacelle, Brakes, Yawing, Load, Tower, Energy Storage

Market Team - Turbine Design, Siting Challenge within 100mi, Siting Challenge at the competition, Car Charging Station, Support test teams

1. Market Team
 - a. Microgrid simulations?
 - i. V2G: Trying to figure out what data set will go into the software. Working on the Load. Working meetings happening weekly.
 - ii. Meet with Willy, it may be more productive than staring at the software.
 - b. Windfarmer update.
 - i. Software not working yet. Emails sent out how to operate it.
 - ii. Fail to verify the license.
 - iii. Have access to WindPro in Room 246. Have manual and computer available to use the software.
 - iv. WindPro cannot do power plant modeling/design. Only resource assessment stuff.
2. Test Teams
 - a. Slip ring ordered?
 - i. Here. Along with many other parts.
 - ii. Consider purchasing a second one if budget allows.
 - b. What other parts were ordered this week or last Friday?
 - i. Alex will compile a list of what else needs to be ordered .
 - c. What drawings need to be approved by Willy?
 - i. Brakes. Set up a brake and shaft meeting for tomorrow.
 - d. Where are we at with manufacturing?

- i. Starting tomorrow @9am.
- e. Blade iterations
 - i. Manufacturing issues.
- f. March 12th to wind tunnel?
 - i. MFG was supposed to be completed by today, but starting tomorrow.
 - ii. THIS SHOULD FREAK EVERYONE OUT.**
- g. Turbine testing update
 - i. Meeting with Dakota tomorrow to figure out path moving forward and start on testing procedures.
- h. EE Update
 - i. Give Willy an update on test results.
- i. Outsource what we can.
- j. Better use of our time during the leads meeting
 - 1. manufacturing updates
 - 2. testing updates
 - 3. Drawings approved
 - 4. Parts that still need to be purchased
 - 5. Spring Break work to be completed
- k. Need pitching, brake, shaft approved by Wednesday (3/7/18)

Plan for next meeting

- 1. Review deliverables/ tasks/ to-do's to be completed by the next meeting.