

MEETING MINUTES 15

Topic: Meeting 15 – Team Leads Meeting

Thursday, February 15, 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

<p>02:30pm-02:35pm</p>	<p>Introduction</p> <ol style="list-style-type: none"> 1. Announcements <ol style="list-style-type: none"> a. Final Draft of the report will be due April 9th. <ol style="list-style-type: none"> i. Final report to be turned in April 22nd. b. Next week we will be breaking down the report for the DOE. Think about what each of your teams should be responsible for writing. c. Funding: Big Foot Barbeque and Pay n’ Take downtown will be hosting events to help with funding. <ol style="list-style-type: none"> i. Ask Michael Vogelsang for details if interested in going. ii. Social Media iii. Engineering Front desk to send a flier? Engineering Students email? d. Travel: Karin would like everyone who has committed to travel to Chicago to sign some forms so that we can be held accountable. <ol style="list-style-type: none"> i. Sign and return to Karin ASAP.
<p>02:35pm-03:25pm</p>	<p>Discussion Topics</p> <p>Test Team A - Blades, Shaft, DC-DC Converter, Wind Tunnel Testing, Generator</p> <p>Test Team B - Hub, Rectifier, Nacelle, Brakes, Yawing, Load, Tower, Energy Storage</p> <p>Market Team - Turbine Design, Siting Challenge within 100mi, Siting Challenge at the competition, Car Charging Station, Support test teams</p> <ol style="list-style-type: none"> 1. Market Team <ol style="list-style-type: none"> a. Conceptual design complete. b. High level electrical model outstanding. c. Alana will be meeting with Willy this Friday to discuss her findings with Siting software. d. The teams has furthered their evaluation of three sites: Wallaha, Gray Mountain, and Mormon Lake. Wallaha and Gray Mountain seem the most promising. <ol style="list-style-type: none"> i. Spider web ranch tower ii. CO bar ranch tower: North of Wapatki iii. Mesa Bute tower e. Market Team turbine scale about the same scale at the test turbine (100-125% of test turbine) 2. Test Teams <ol style="list-style-type: none"> a. ME issues encountered? b. This week’s design decomposition discussion is focused on EE design. <ol style="list-style-type: none"> i. See Figure below and EE Parts List in Test Team folder. ii. Parts ordered? Some parts have been ordered. Have a running Bill of Materials

	<p>c. March 15th to wind tunnel? i. Highly likely.</p>
<p>03:25pm-03:30pm</p>	<p>Plan for next meeting</p> <ol style="list-style-type: none"> 1. Review deliverables/ tasks/ to-do's to be completed by the next meeting.

