

MEETING MINUTES 6

Topic: Meeting 6 – Market Team Meeting

Wednesday, October, 18th, 2017

05:15pm-06:15+pm

Chair: Anthony Cheslic

Attendees: Alana Benson, Craig Collins, Leo Segura De Niz, Mitchell Green, Michael Vogelsang, Diana Carlson, Tyler Brown and Shawn.

Please bring:

- An overview of the concepts presented by all members.

Location: EGR Building, Rm#323

Table 1. Schedule

<p>05:15pm-05:20pm</p>	<p>Announcements</p> <ol style="list-style-type: none"> 1. DOE Bi-monthly call up-date 2. Kid-Wind Opportunity
<p>05:20pm-07:00pm</p>	<p>Discussion Topics</p> <ol style="list-style-type: none"> 1. Progress updates on individual engineering analysis 2. Review of all concepts: <ol style="list-style-type: none"> a. Vehicle mounted system x2 <ol style="list-style-type: none"> i. No b. Alaskan Bush Wind System x2 <ol style="list-style-type: none"> i. Training cost for villagers? ii. Maintenance cost? iii. Who's buying? iv. Do they want electricity? c. Existing Tower System x2 "Lighting" <ol style="list-style-type: none"> i. Utilize existing lighting towers. ii. Impact on cities d. Residential Wind System <ol style="list-style-type: none"> i. Third world communities ii. System that would support conex housing e. Shipping Container System (Hybrid wind and solar power) <ol style="list-style-type: none"> i. Maintenance Cost? (Lots of moving parts) ii. Need to focus on one market! (DoD) iii. Red Cross as potential customer? iv. Military Bases? v. Private island? vi. Wind for Schools? <ol style="list-style-type: none"> 1. Govt. funding 2. Fundraising

	<ul style="list-style-type: none"> f. Dock/Port Wind System x2 <ul style="list-style-type: none"> i. Impact on ship's power system? ii. Offshore? iii. How many would be needed to make an impact on the market? iv. Who's going to pay for it? g. Ship Mounted System x2 <ul style="list-style-type: none"> i. No h. Wind for Schools <ul style="list-style-type: none"> i. See Shipping Container i. EV Power Station <ul style="list-style-type: none"> i. Main focus so far (Recurring topic of discussion) ii. Good market for competition (Hits all four bullets) iii. Solution for upcoming problem (Ban on gas car sales) iv. Potential for advertising v. Turbine placement vi. Battery storage for charging vehicles (Turbines charge batteries not vehicle) vii. Type of charging station (Charge Time?) viii. Sell back energy during down time (No cars to charge) ix. Eco-friendly appeal... Will people care? x. Target govt. (China/Europe) xi. Target individual companies (Tesla) xii. Could branch out to trucking stations, RV Parks, and boat docks. j. Ski Resort Turbines <ul style="list-style-type: none"> i. Is the market there? ii. Green ski communities... Will people care? iii. Deployed now in Massachusetts (\$450,000.00 savings) iv. Increase in blowing snow = Increased power demands v. Materials and maintenance increased on a mountain vi. Target owners of snowbowl (Own six other resorts in SW) vii. Wildlife impact (Damage to bird species) viii. Mounted below ridgeline (Aesthetics) <p>3. Produce 2-4 concepts for further development (Market & Design)</p> <ul style="list-style-type: none"> a. Concept 1: Electric Vehicle Charging Station b. Concept 2: Ski Resort Wind Energy System c. Concept 3: Shipping Container Renewable Energy System
<p>07:00pm-07:05pm (Remaining minutes)</p>	<p>Plan for next meeting</p> <ul style="list-style-type: none"> 1. Review deliverables/ tasks/ to-do's to be completed by the next meeting. 2. Pick a market from the three concepts selected today. <ul style="list-style-type: none"> a. Business students to meet on Monday and go over findings b. Anthony to meet with David Willy for technical insight