

Detailed Design Review Agenda

1. Background

- a. Review Phase 4 progress and action items
- b. Our goals for Phase 4 and this review

2. Turbine Design

- a. New blade design and connections
- b. Updated simulations
- c. Prints
- d. Key risks

3. Generator & Packaging Updates

- a. Motor (and backup) motor selection
- b. Packaging cost and size reduction with detachable fins

4. Bill of Materials

- a. Significantly lowered cost by honing in on needed parts
- b. Breakdown by subsystem (indents)
- c. Additional cable and reduced 3D prints
- d. What has not been purchased and why

5. Test Plans

- a. Breakdown and goals of each upcoming test plan
- b. Pre-testing action items

6. Project Schedule

- a. Factoring in slack
- b. Phase 6 Breakdown
 - i. EE Testing
 - ii. MECE Assembly and Waterproofing
 - iii. Key tasks with anticipated completion
- c. Phase 7 Breakdown
 - i. System Assembly
 - ii. MECE Testing
 - iii. Testing Iteration
- d. Ideal Positioning for Phase 8

7. Risk Management

8. Summary Sheet

- a. Major Risks
- b. Key Progressions
- c. Action Items
- d. Questions for the Guides