

Team Name: sdmay21-46

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Report Period: Oct 26 - Nov 8

Summary of Progress in this Period

- Received funding through The Center for Grid Engineering Education
 - Completed Design Document v2
 - Reviewed the Design Document with a TA
 - Researched various types of simulation software
 - Reviewed how to use simulink to simulate power systems
 - Began financial analysis of the crate
 - Visited and worked on the wind turbine located at the Applied Sciences Buildings
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Pending Issues

- Creating Simulations for all sub-systems.
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Plans for Upcoming Reporting Period

- Begin simulating power inverters
 - Begin simulation of photovoltaic cells
 - Begin simulation of wind turbine
 - Begin simulation of electrolyzer and hydrogen fuel cells
 - Begin simulation of batteries
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