

sdmay23-36: Making microgrids plug and play

Week 4 Report

October 22 - October 28

Team MembersChristian Pinta — *API Research/ Development*Austin Thoreson — *Demolition Expert*Andrew Frank — *Unskilled Labor*Ben Eder — *Display Graphics Developer*Saketh Jonnadula — *Display Graphics Developer***Summary of Progress this Report**

We found a space in the Senior Design Lab to keep the Microgrid and work on it on campus. We disassembled the Microgrid and were able to transport it to said lab space. We also worked more on design documents

Pending Issues

We still need to test scripts on the Microgrid and create initial interface designs

Plans for Upcoming Reporting Period

Test some scripts on the Microgrid to familiarize ourselves with the pysunspec2 API and get started on the software

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Christian Pinta	Helped disassemble and transport the Microgrid to our lab space on campus and created diagrams explaining some software ideas	7.5	0
Austin Thoreson	Helped disassemble and transport the Microgrid to our lab space on campus and contributed to design documents	8	
Andrew Frank	Continued to develop network topology option and read TMS standard documentation. Moved microgrid unit to a lab in Coover for easy access.	7	0
Ben Eder	read TMS standard documentation, looked over APIS/ options for user display and inputs, and researched pySunSpec and Tactical Microgrid Standard	4	
Saketh Jonnadula	Looked into graphics API	1.5	

Gitlab Activity Summary

Nothing to report.
