sdmay23-36: Making microgrids plug and play
Week 7 Report
November 5 - November 11

Team Members
Austin — *Systems Designer*
Andrew — *API Research/Network Engineer*
Ben Eder — *Software Developer*
Christian — *API Research/Developer*
Saketh Jonnadula — *Software Developer*

Summary of Progress this Report
Complete and Revised multiple design documents and started creating local testing environments

Pending Issues
Need to create map of MATE3 functions and update various design diagrams

Plans for Upcoming Reporting Period
Start map of MATE3 and do more script testing on the Inverter and start master-slave algorithm implementation

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Austin	Created High Level design decisions document, Created time tracking document. Added a bunch to high level design decisions doc about decisons that needed to be made. Did some research into modbus over tcp/ip for communications over raspberry pi networks. Looked deeper into OMG DDS and potential implementations and worked on the testing design document	5.15	
Andrew	Reviewed design decisions, researched leader selection algorithms, and worked on testing design document	4	
Ben Eder	Review design document, discussed with team, and worked on testing design document	3	
Christian	Worked on creating a local coding environment for testing SunSpec scripts at home and on the testing design document	5	

Saketh Jonnadula	Looked at our options for the user display and worked on Testing Design Document	2	

Gitlab Activity Summary

Nothing to report.