sdmay23-36: Making microgrids plug and play
Week 9 Report
November 19 - December 2

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

Summary of Progress this Report
Completed final design document and encountered major design implementation problems. Started design implementation.

Pending Issues
- Stacking order is not writable from a remote source (not from the MATE3)
- Automatic network switching design is not scalable
- Unfinished final presentation

Plans for Upcoming Reporting Period
Complete demo and final presentation. Communicate with OutBack Power and advisors to find a work-around for design problems.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Andrew Frank	Testing leaer election algorithm. Design document work. Network topology analysis and exploring scalability problems.	9.75	0
Christian Pinta	Created MATE3 to SunSpec mapping document. Design document work. AXS port testing.	7.5	0
Austin Thoreson	Final Design document work. Network topology analysis for scalability. Research step-down converter.	8.75	
Ben Eder	Researched GUI libraries and worked on design document. Started learning Guizero.	4	
Saketh Jonnadula	Researched GUI libraries. Worked on design document.	4.5	

Gitlab Activity Summary

Nothing to report.