

sdmay23-36: Making microgrids plug and play

Week 8 Report

November 12 - November 18

Team MembersChristian Pinta — *API Research/Developer*Austin Thoreson — *Systems Designer*Andrew Frank — *API Research/Network Engineer*Ben Eder — *Software Developer*Saketh Jonnadula — *Software Developer***Summary of Progress this Report**

We worked on researching the current interface, how we will implement our own, and algorithms that we will use

Pending Issues

figuring out which graphics libraries to use

Plans for Upcoming Reporting Period

get some scripting work done and graph some of the software layout

Individual Contributions

| Team Member | Contribution | Weekly Hours | Total Hours |
|------------------|--|--------------|-------------|
| Christian Pinta | Researched the current microgrid interface and documented what functions it has, got a list of all models attached to the Microgrid and researched their related functions | 6 | 0 |
| Austin Thoreson | helped document current Microgrid interface functions and contributed to the high level design documentation | 6 | |
| Andrew Frank | Researched leader selection algorithm, updated multiple diagrams related to said algorithm and the network topology of the device | 5 | 0 |
| Ben Eder | Researched graphics library needed for Microgrid interface | 2 | |
| Saketh Jonnadula | Researched graphics library needed for Microgrid interface | 2 | |
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Gitlab Activity Summary

Nothing to report.
