
EE 491 Week 2 Report - sddec18-03

Design of a More Reliable Power Grid for Puerto Rico

1/29/18 - 2/5/18

Faculty Advisor: Vikram Dalal

Team Members

Logan Lillis - *Communications and Reports Lead*

Ricardo Rodriguez-Menas - *Project Plan Lead*

Heiqal Zamri - *Test Engineer Lead*

Weekly Summary

We had our weekly meeting on Monday, January 29th. There, we discussed the background information we had gathered as a group and worked on separating it into technical, political, economical, or other areas of the overall problem statement. We also discussed our aim of the project - whether to focus on the critical problem areas or the country as a whole.

Past Week Accomplishments

- ❖ Created a research folder and gathered many sources - All Members
 - Many sites, articles, and other sources pertaining to current grid, grid costs, similar grid designs, politics, economics, history, etc.

Pending Issues

- ❖ Main focus of Project
 - Focus on country as a whole or main critical areas?
 - Create a grid that can survive harsh natural disasters or is cheap/easy to fix when disaster hits?
 - Will discuss Dalal's main goals during our meeting in week 5

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Logan Lillis	Weekly Report, Organization of background information, Formatting of team lightning slides, Team website, team presentation	2	4
Ricardo Rodriguez-Menas	Website, team presentation	2	4
Heiqal Zamri	Background research, Power Grid Cost Analysis, team presentation	2	4

Plan for Upcoming Week

- ❖ Weekly Report - Logan
 - Complete template and communicate/share with team. Submit by Tuesday 2/6
- ❖ First meeting with Professor Dalal
- ❖ Research history of Puerto Rico's Power Industry - All Members
 - Specifically NSF Page
 - Start seperating into categories
- ❖ Research previous natural disasters and behavior of natural disasters in the region -All Members
- ❖ Lightning Presentation Preparations: In class 1/30/18
 - Logan: 3 minutes
 - Ricardo: 1 minute
 - Heiqal: 30 seconds
- ❖ Begin setting up team website - Logan/ Ricardo