

# DEC15-20: DISTRIBUTION SYSTEM PROTECTION

## *Group Members*

| POSITION              | MEMBER                 |
|-----------------------|------------------------|
| FACULTY ADVISOR       | VENKATARAMANA AJJARAPU |
| TEAM LEADER           | SHANE THOMPSON         |
| COMMUNICATIONS LEADER | ALEC WALCZAK           |
| WEBMASTER             | BRAD BENDER            |
| CONCEPTS HOLDER       | JOE NEAR               |

## *Weekly Accomplishments*

- Spoke with Client

We clarified the details between our group, our advisor and our client. We discussed the goals and objectives of the project. Determined an NDA must be signed in order to acquire feeder data from Alliant.

- Continued Work with OpenDSS

Continued to model and simulate the IEEE 13-Bus system in OpenDSS. The objective is to familiarize ourselves with the software and what to expect.

- Created Design Document

Created the first edition of our design document. (See Online).

## *Next Week's Objectives*

- Continue to model the system on OpenDSS.
- Acquire and sign NDA to receive Alliant Feeder Data.
- Brain storm protection systems.

## *Pending Issues*

- Much more research needs to be done in multiple aspects of the project.
- Data needs to be acquired from the client.

*Hourly Contributions*

| MEMBER | WEEKLY HOURS | CUMULATIVE HOURS |
|--------|--------------|------------------|
| ALEC   | 4            | 30               |
| JOE    | 4            | 28               |
| SHANE  | 4            | 28               |
| BRAD   | 4            | 30               |