

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

- Ran Analysis on IEEE Feeder

After the base case has been established, multiple tests were run but adding more and more PV sites to the feeder. On each case, the per unit voltage values were recorded on each bus. This was used to determine voltage contingencies and backwards power flow.

- First Semester Presentation Preparation

Started work to create the end of semester presentation. The presentation will capture our progress from this semester.

Next Week's Objectives

- Finish presentation preparation.
- Present to the panel

Pending Issues

- Need to sign NDA to get Alliant Energy data for next semester.
- Need to incorporate data into presentation.

Hourly Contributions

MEMBER	WEEKLY HOURS	CUMULATIVE HOURS
ALEC	12	56
JOE	12	56
SHANE	12	56
BRAD	12	56