

# 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
MEMBER	KIRAN RANE

## *Weekly Accomplishments*

- Worked on SynerGEE Design

We performed multiple iterations of adding 100 kW of PV generation to the system. We also simulated adding a solar farm to the 3 phase lines to compare the results.

- Inverter Research

We honed in on specific smart inverters that we believe could solve the issue and settled in to a plan for solving it.

- Presentation

We worked on a poster and PowerPoint file for our upcoming presentation.

## *Next Week's Objectives*

- Prepare for presentation
- Methods to model solution
- More research on inverters

*Hourly Contributions*

MEMBER	WEEKLY HOURS	CUMULATIVE HOURS
ALEC	8	76
JOE	8	75
SHANE	8	73
BRAD	8	73
KIRAN	8	64