

Project Number: EU047
Project Title: 34 and 138 KV Relay Improvements
Department Name: Electric

Asset Type: Electric Utility
CIP Status: Recurring
Project Category: Capital Maintenance

Budget Year: 2020
Category Code: B
Sector: Various

Project Purpose:

This project includes strategic, system-wide improvements to protective relay systems to reduce outages, enhance system reliability and ensure compliance with North American Electric Reliability Corporation Standards.

Project Narrative:

This project improves reliability of service to all customers by replacing and coordinating relays that protect transmission lines, transformers, and distribution feeders. Projects include the upgrade of electromechanical relay protection to microprocessor based relays to enhance reliability and comply with NERC testing requirements.

External Funding Sources Available:

None

Projected Timetable:

Systematically throughout the fiscal year.

Impact on Operating Budget:

This project will have a very minor impact on the operating budget.

Funding Source Summary

Funding Source	2020	2021	2022	2023	2024	Total Source
Electric Utility	275,000	280,500	806,310	1,061,208	378,851	2,801,869
Totals	275,000	280,500	806,310	1,061,208	378,851	2,801,869

Project Cost Summary

Expense Category	2019 Budget	2020	2021	2022	2023	2024	Total CIP
Construction	425,000	275,000	280,500	806,310	1,061,208	378,851	2,801,869
Totals	425,000	275,000	280,500	806,310	1,061,208	378,851	2,801,869

