

Project Number: EU47
Project Title: Relay Improvements
Department Name: Electric

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

Budget Year: 2019
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	2019	2020	2021	2022	2023	Total Source
Electric Utility	425,000	280,500	286,110	822,436	1,082,432	2,896,478
Totals	425,000	280,500	286,110	822,436	1,082,432	2,896,478

Project Cost Summary

Expense Category	2018 Budget	2019	2020	2021	2022	2023	Total CIP
Construction	150,000	425,000	280,500	286,110	822,436	1,082,432	2,896,478
Totals	150,000	425,000	280,500	286,110	822,436	1,082,432	2,896,478

