

**Project Number:** EU29  
**Project Title:** Sub-transmission Circuits  
**Department Name:** Electric

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

**Budget Year:** 2018  
**Category Code:** B  
**Sector:** Various

**Project Purpose:**

The projects include the installation and replacement of underground and overhead sub-transmission 34 kV cable and conductor line capacity for major upgrades and additions to the system with related switching and associated equipment.

**Project Narrative:**

The 34 kV cable system provides a path to move large portions of electrical energy to meet the customers' demands throughout the City at an efficient cost. The work is required throughout the system to meet system load growth and maintain high levels of reliability. Specific projects include feeders to connect Pebblewood Substation to Westside Substation.

**External Funding Sources Available:**

None

**Projected Timetable:**

Systematically throughout the fiscal year.

**Impact on Operating Budget:**

This project will require no additional staffing or resources. There will be no impact on the operating budget.

**Funding Source Summary**

Funding Source	2018	2019	2020	2021	2022	Total Source
Electric Utility	1,000,000	1,020,000	1,560,600	795,906	811,824	5,188,330
<b>Totals</b>	<b>1,000,000</b>	<b>1,020,000</b>	<b>1,560,600</b>	<b>795,906</b>	<b>811,824</b>	<b>5,188,330</b>

**Project Cost Summary**

Expense Category	2017 Budget	2018	2019	2020	2021	2022	Total CIP
Construction	250,000	1,000,000	1,020,000	1,560,600	795,906	811,824	5,188,330
<b>Totals</b>	<b>250,000</b>	<b>1,000,000</b>	<b>1,020,000</b>	<b>1,560,600</b>	<b>795,906</b>	<b>811,824</b>	<b>5,188,330</b>

