



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: JULY 13, 2026

SUBJECT: HUNTER SUBSTATION CIRCUIT TIE ADDITION AND POLE REPLACEMENT PROJECT FOR CIRCUIT 1222 – WORK ORDER NO. 2617219 FOR A TOTAL CAPITAL EXPENDITURE OF \$484,615

ISSUE:

Consider approval of Work Order No. 2617219 for a total capital expenditure of \$484,615 for the Hunter Substation Circuit Tie Addition and Pole Replacement Project for Circuit 1222.

RECOMMENDATION:

That the Board of Public Utilities approve Work Order No. 2617219 for a total capital expenditure of \$484,615 for the Hunter Substation Circuit Tie Addition and Pole Replacement Project for Circuit 1222.

BACKGROUND:

Riverside Public Utilities (RPU) Electric System Planning staff performed a reliability study of the entire Electric Distribution System, presented in the Five-Year Plan. The study recommends the proactive replacement of aging infrastructure and equipment that has surpassed its useful life, such as poles and transformers, to avoid in-service failures that could have major impacts to the electric system.

The study also recommends upgrading undersized conductor segments of line that currently lack sufficient electrical capacity to support reliable power flow, including at key circuit tie locations. These limitations hinder our ability to transfer load efficiently during outages or switching operations.

As part of the ongoing Hunter Substation upgrade, additional distribution system work is needed to support reliability and operational flexibility. These enhancements include pole replacements, reconductoring, and installation of a new circuit tie for Circuit 1222. Collectively, this work will replace aging infrastructure, reduce the risk of equipment failure, and improve load transfer capabilities during both planned and unplanned outages.

DISCUSSION:

The scope of work includes the replacement of eight (8) utility wooden poles, three (3) overhead transformers, one (1) circuit tie switch, approximately 1,490 circuit feet of primary conductors, and related overhead distribution facilities to comply with current construction standards.

This project will upgrade electric distribution facilities located in the vicinity along Columbia Ave, southeast of American Drive and northwest of Main Street. Intermittent electric service disruptions will be coordinated during construction, and advanced outage notifications will be issued to minimize the impact to customers.

This scope of work is part of the ongoing distribution improvements to support the work at Hunter Substation to enhance electric system reliability, improve safety, and maintain high quality service for customers. The project also replaces aging infrastructure that has exceeded its useful life. The replacement of deteriorated poles and related distribution facilities is essential to increasing system capacity and strengthening reliability for the distribution infrastructure out of Hunter Substation.



Pole Replacement



Transformer and Cross-arm Replacement

The project/fiscal breakdown is as follows:

Work Order No. 2617219 (Circuit 1222)

Work Type:	Performed By:			Amount (\$):	% of Total:
Design	RPU Engineering			\$55,472.19	11%
Construction - Electrical Work	RPU Field Forces and Operations	Labor	\$321,375.74	\$429,142.56	89%
		Equipment	\$48,727.50		
		Material	\$59,039.32		
Work Order Total:				\$484,615	100%
Anticipated Start Date:		July 2026			
Anticipated Duration:		8 Weeks			

The Work Order total above is, in effect, the Engineer's Estimate for this project since it is an in-house project being designed and constructed by Public Utilities staff.

FISCAL IMPACT:

The total fiscal impact is \$484,615. Sufficient funds are available in Public Utilities Electric Capital Account No. 6130100-470603.

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Approved by:	David A. Garcia, Utilities General Manager
Certifies availability of funds:	Julie Nemes, Interim Finance Director
Approved by:	Gilbert Hernandez, Interim Assistant City Manager
Approved as to form:	Rebecca McKee-Reimbold, Interim City Attorney

- Attachments:
1. Project Site Map
 2. Presentation