



# RIVERSIDE PUBLIC UTILITIES

## Board Memorandum

**BOARD OF PUBLIC UTILITIES**

**DATE: JANUARY 12, 2026**

**SUBJECT:     CIRCUIT 1313 RELIABILITY IMPROVEMENT PROJECT – WORK ORDER NO. 2501761 FOR A TOTAL CAPITAL EXPENDITURE OF \$1,560,000**

**ISSUE:**

Consider approval of Work Order No. 2501761 for a total capital expenditure of \$1,560,000 for Circuit 1313 Reliability Improvement Project.

**RECOMMENDATION:**

That the Board of Public Utilities approve Work Order No. 2501761 for a total capital expenditure of \$1,560,000 for Circuit 1313 Reliability Improvement Project.

**BACKGROUND:**

As part of our ongoing efforts to enhance system reliability, operational flexibility, and overall grid resilience, Riverside Public Utilities (RPU) Electric System Planning staff performed a reliability study to improve the performance of electric distribution Circuit 1313. Circuit 1313 has experienced reliability issues which involve several undersized conductor segments. In many cases, these constrained segments have limited operational flexibility and also do not adhere to current design and construction standards.

The study recommends upgrading undersized conductor segments of the line that currently lack sufficient electrical capacity to support reliable power flow. These limitations hinder our ability to transfer load efficiently during outages or switching operations. Many of these conductors no longer meet the demands of today's system. Reconductoring and upgrading these segments will not only modernize the electrical infrastructure but also significantly enhance thermal and voltage performance and strengthen long term system reliability and operability.

To maximize impact, circuit selection has been prioritized using historical reliability data, with an emphasis on worst-performing circuits and locations with limited switching flexibility.

**DISCUSSION:**

The scope of work for this project includes the replacement and installation of nineteen (19) wooden poles, eleven (11) transformers, and related overhead distribution facilities. The project

will also include the replacement of approximately 30,688 linear feet of old wires and associated components.

The project will upgrade electrical distribution facilities on circuit 1313 within the neighborhoods of Hunter Industrial Park and Eastside. In addition to reconductoring undersized segments along circuit 1313, the project will also address undersized conductors on circuits 11 and 20 where their routes overlap circuit 1313.

RPU electric field forces will perform the construction of this project, and no civil underground electric work is planned. Intermittent electric service disruptions will be coordinated during construction and advanced outage notifications will be issued to minimize the impact to customers.

The project/fiscal breakdown is as follows:

**Work Order No. 2501761 (Circuit 1313)**

Work Type	Performed By:	Amount (\$):			% of Total:
Design	RPU Engineering	\$66,281			4%
Electrical Work	RPU Field Forces	Labor	\$1,100,690	\$1,493,719	96%
		Equipment	\$200,082		
		Materials	\$192,947		
Work Order Total:	\$1,560,000			100%	
Anticipated Start Date:	February 2026				
Anticipated Duration:	30 weeks				

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

**FISCAL IMPACT:**

The total fiscal impact is \$1,560,000. Sufficient funds are available in Public Utilities Electric Capital Account No. 6130000-470603.

Prepared by:	Daniel Honeyfield, Utilities Assistant General Manager/Energy Delivery
Approved by:	David A. Garcia, Utilities General Manager
Certifies availability of funds:	Kristie Thomas, Chief Financial Officer
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