



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

**Energy Delivery**

**Board of Public Utilities**

July 13, 2026

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**BACKGROUND**

1. Riverside Public Utilities (RPU) Five-Year Plan recommends proactive replacement of aging infrastructure to avoid system failure
2. Study also recommends reconductoring sections of line with limited conductor capacity that restrict power flow, including at key tie locations
3. As part of the ongoing Hunter Substation upgrades, additional distribution system work is needed to support reliability, and operational flexibility



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## DISCUSSION

1. Project includes:
  - An additional circuit tie for Circuit 1222 at a key location
  - Pole replacements and reconductoring of line segments with limited conductor capacity along Circuit 1222
2. This project will replace aging infrastructure, reduce the risk of equipment failure, and improve load transfer capability and capacity during both planned and unplanned outages



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## PROJECT LOCATION

1. The project location is near Columbia Ave, southeast of American Drive and northwest of Main Street
2. Customer notifications will be sent out prior to any service disruptions
3. Electric service disruptions will be coordinated to minimize impact to customers



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## SCOPE OF WORK

1. Replacement of eight (8) utility poles, three (3) transformers, and related overhead distribution facilities
2. Installation of one (1) tie switch and associated components
3. Replacement of approximately 1,490 circuit feet of primary conductors and associated components
4. Approximately eight (8) weeks to complete scope of work
5. Electrical work to be completed by RPU field forces



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## BENEFITS

1. Improves system operations, flexibility, and response time to outages
2. Reduced cost of planned proactive replacement of infrastructure beyond its useful life vs high cost of reactive replacement
3. Improves electric services and power quality to customers in the area
4. Increases electric system reliability, safety, and supports load growth in the area



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# PROJECT BREAKDOWN

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

The work order total is the Engineer's Estimate because this is an in-house design and construction project.



# 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.

