



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

Energy Delivery

Board of Public Utilities
January 12, 2026

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BACKGROUND

1. Electric System Planning staff performed a reliability study to improve the performance of Circuit 1313
2. Study recommends reconductoring sections of line with limited conductor capacity that restrict power flow
3. Circuit selection has been prioritized based on historical reliability data, with an emphasis on worst-performing circuits and locations with limited switching flexibility



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DISCUSSION

1. Project includes reconductoring undersized segments along Circuit 1313 and key section on Circuit 11 and 20
2. Reconductoring undersized conductors and upgrading tie point on Circuit 1313 are critical to enabling effective load transfers and fault isolation



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PROJECT LOCATION

1. The project will upgrade electrical distribution facilities within the neighborhoods of Hunter Industrial Park and Eastside
2. Customer outage notifications will be sent out in advance 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 and installation of nineteen (19) wooden poles, eleven (11) transformers, and related overhead distribution facilities
2. Replacement of approximately 30,688 linear feet of old wires and associated components
3. 30 weeks to complete the scope of work



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BENEFITS

1. Increases electric system reliability and safety
2. Improves system operations and response time to outages:
 - a. Reduces outage duration and number of customers affected
 - b. Eliminates antiquated facilities that limit operational flexibility and do not meet current design and construction standards



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PROJECT BREAKDOWN

Project and Fiscal Breakdown					
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 is the Engineer's Estimate because this is an in-house design and construction project.					

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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.



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