



HUNTER SUBSTATION 4KV TO 12KV MAKE-READY FOR CIRCUITS 21 AND 22 PROJECT – WORK ORDER 2124085 FOR A TOTAL COST OF \$2,000,000

Energy Delivery

Board of Public Utilities February 23, 2026

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BACKGROUND

1. Outlined in the Electric System Master (ESMP)
2. 4kV distribution facilities are outdated, inefficient, and difficult to procure
3. Utility poles, crossarms and associated aging electrical infrastructure are past their useful life and at risk for failure
4. Make-ready project will facilitate future 4kV to 12kV voltage conversion
5. Voltage conversion projects upgrade system capacity and reliability



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PROJECT LOCATION

1. The project area is in the vicinity north of Marlborough Ave and Strong Street, south of Palmyrita Avenue and Nash Street, west of Chicago Avenue, and east 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 22 utility poles, 23 transformers, and related overhead distribution facilities
2. Replacement of approximately 4,983 circuit feet of primary conductors and associated components
3. Approximately 8 months to complete the work
4. Work performed by RPU Field forces



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BENEFITS

1. Increases electric system reliability and safety
2. Improves electric services and power quality to Customers
3. Improves system operations and response time to outages
4. Eliminate antiquated facilities that are no longer available for replacement
5. Make-ready for upcoming 4-12kV voltage conversion project



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PROJECT BREAKDOWN

Work Type	Performed By:	Amount (\$):			% of Total:	
Design	RPU Engineering			\$332,989	17%	
Electrical Work	RPU Field Forces and Operations	Labor	\$1,110,165			
		Equipment	\$222,303	\$1,667,011	83%	
		Materials	\$334,543			
Work Order Total:			\$2,000,000		100%	
Anticipated Start Date:			March 2026			
Anticipated Duration:			8 Months			



The work order total is the Engineer's estimate of the project cost.

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RECOMMENDATION

That the Board of Public Utilities approve Work Order No. 2124085 for a total capital expenditure of \$2,000,000 for the Hunter Substation 4kV to 12kV Make-Ready for Circuits 21 and 22 Project.



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