



**HARVEY LYNN SUBSTATION T3 CIRCUITS 1287,
1289 AND 1291 GETAWAY IMPROVEMENT
PROJECT – WORK ORDER 2509126 FOR A TOTAL
COST OF \$780,000**

Energy Delivery

Board of Public Utilities
December 8, 2025

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BACKGROUND

1. Electric System Plannings Five-Year Plan recommends upgrades to Harvey Lynn Substation Transformer T3 getaways
2. The project will upgrade getaways for circuits 1287, 1289, and 1291
3. Circuits 1287 and 1289 are on the Worst Performing Circuit list, exceeding 100% loading



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DISCUSSION

1. This project will modernize our electric distribution infrastructure by replacing aging 750 kcmil aluminum XLPE cable with a higher capacity 1100 kcmil EPR cable and related electric distribution facilities
2. The upgrade will enhance system reliability, increase load carrying capability, and support future growth demands



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PROJECT LOCATION

1. The project is located on La Sierra Avenue, south of Pierce Street, north of Collet Avenue, on Schuyler Avenue and Minnier Avenue, and inside Harvey Lynn Substation
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. Installation/replacement of approximately 4,500 circuit feet of primary feeder cables
2. 6 weeks to complete scope of work
3. Work performed by RPU Field crews



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BENEFITS

1. Increases electric system reliability and safety
2. Improves electric services and power quality to customers in the area
 - a) Increase getaway ampacity
 - b) Improve system capacity
 - c) Support ongoing development
3. Reduced number of outages because of new infrastructure and life of material



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PROJECT BREAKDOWN

Work Type	Performed By:			Amount (\$):	% of Total
Design	RPU Engineering			\$53,742	7%
Electrical Work	RPU Field Crews	Labor	\$448,684	\$726,258	93%
		Equipment	\$29,160		
		Materials	\$248,414		
Work Order Total:				\$780,000	100%
Anticipated Start Date:	January 2026				
Anticipated Duration:	6 Weeks				



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RECOMMENDATION

That the Board of Public Utilities approve Work Order No. 2509126 for a total capital expenditure of \$780,000 for the Harvey Lynn Substation Transformer (T3) Circuits 1287, 1289 and 1291 Getaway Improvement Project.



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