

Riverside Public Utilities  
Closed Capital Work Order Summary Report - Electric Fund  
Jan-21

Project / Subproject or WO	Project Description	Start Date	End Date	Board Approved Estimate	Final Project Cost	Variance	Variance %
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**CLOSED Capital Work Orders with Budget or Actual Expenditures > \$200,000**

**RECURRING/OBLIGATION TO SERVE**

1024305	Electric SCADA System Upgrades	6/27/2016	9/28/2020	\$ 2,938,307.00	\$ 2,788,478.71	\$ 149,828.29	5%
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1) Note on Final Project Cost:
Final project came in under the original approval, due to utilizing internal resources.
2) Impact to Customer Service:
Overall impact to City of Riverside customer enhanced safety and provide improvements to the electric grid.
3) Impact to System Reliability:
System reliability was improved with this upgrade, but the work order should have been closed sooner. There are additional SCADA upgrades that will need to be done in the future to enhance RPU's response time and visibility in the event of electric outages and service interruptions.

1719921	Magnolia Avenue Fiber Installation (Van Buren Ave to 1st St)	4/24/2017	11/23/2020	\$ 2,189,489.00	\$ 2,230,660.51	\$ (41,171.51)	-2%
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1) Note on Final Project Cost:
Project went over the estimated cost due unforeseen field conditions, associated change order for additional construction and installation.
2) Impact to Customer Service:
Increased capacity, Improved resiliency for Electric Dept. and IT Dept. network.
3) Impact to System Reliability:
System reliability will improve due to the expansion of RPU fiber optic network which serves both electrical system and IT Department infrastructure.

**SUBSTATION**

1826998	Multi-Substation Circuit Breaker Remote Racking Project	11/26/2018	9/25/2020	\$ 619,000.00	\$ 604,079.93	\$ 14,920.07	2%
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1) Note on Final Project Cost:
Project completed within budget.
2) Impact to Customer Service:
This project improves our staff's safety while operating circuit breakers and is essential in compliance with industry good safety practices.
3) Impact to System Reliability:
Circuit breaker remote racking improves the reliability of the system and the safety of staff.

**Total Electric Fund - Closed Work Orders**

<u>\$ 5,746,796</u>	<u>\$ 5,623,219</u>	<u>\$ 123,577</u>
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