

Riverside Public Utilities
Open Capital Work Order Summary Report - Electric Fund
June-24

| Project / Subproject or WO | Project Description | Board Approval Date | Board Approved Estimate ⁽¹⁾ | Project Estimate ⁽²⁾ | Year to Date | Life to Date | Available Balance | Last Activity Date | Job Status (Based on Proj. Est.) | | Project Status |
|--|--|---------------------|--|---------------------------------|------------------|-------------------|-------------------|--------------------|-------------------------------------|-------------|--|
| | | | | | Total | Total | | | % Spent | % Completed | |
| | | | | | as of 6/30/2024 | as of 6/30/2024 | | | | | |
| Open Work Orders/Projects with Budgeted or Actual expenditures > \$200,000 | | | | | | | | | | | |
| OVERHEAD | | | | | | | | | | | |
| 1503112 | Plaza substation - Circuit 450 | 01/28/19 | 2,174,000 | 2,174,000 | 716 | 2,181,209 | (7,209) | 06/20/24 | 100% | 95% | Completed, pending closure. |
| 1904777 | Plaza Substation 4kV to 12kV | 12/22/20 | 4,450,000 | 4,450,000 | 577,279 | 1,821,121 | 2,628,879 | 06/21/24 | 41% | 40% | In construction. |
| Subtotal of OVERHEAD | | | | 6,624,000 | 577,995 | 4,002,330 | 2,621,670 | | | | |
| UNDERGROUND | | | | | | | | | | | |
| 1619972 | Canyon Crest Cable Replacement Area 1F, Phase 3 Project | 06/25/21 | 1,300,000 | 1,300,000 | - | 1,354,193 | (54,193) | 09/16/22 | 104% | 95% | Completed, pending as-builts. |
| 2009293 | Switch Cable Replacement Project Phase I | 07/26/21 | 705,000 | 705,000 | 97,291 | 492,001 | 212,999 | 06/21/24 | 70% | 85% | In construction. |
| Subtotal of UNDERGROUND | | | | 2,005,000 | 97,291 | 1,846,194 | 158,806 | | | | |
| SUBSTATION | | | | | | | | | | | |
| 1816163 | Substation Automation Upgrade Project | 02/26/18 | 2,027,679 | 2,027,679 | 13,581 | 1,899,934 | 127,745 | 03/28/24 | 94% | 90% | In Construction. Pending RERC generation site |
| 1826061 | Riverside power plants Arc Flash Mitigation | 06/11/18 | 497,000 | 497,000 | - | 63,408 | 433,592 | 06/10/20 | 13% | 25% | RERC - In implementation phase. Springs - In design. |
| 1826767 | Hunter Substation Replacement Project | 01/14/19 | 2,000,000 | 2,000,000 | 4,932 | 1,303,006 | 696,994 | 06/18/24 | 65% | 70% | In implementation phase. |
| 1810532 | Freeman Switchgear and Transformer Upgrade | 11/05/18 | 5,463,000 | 5,463,000 | - | 5,131,309 | 331,691 | 03/31/22 | 94% | 99% | Completed, pending closure. |
| 1906356 | Multi Substation - 69kV Circuit Breakers Replacement | 09/23/19 | 7,200,000 | 7,200,000 | 361,144 | 6,133,932 | 1,066,068 | 06/25/24 | 85% | 85% | In implementation phase. |
| 2123497 | Rohr Substation protection system upgrade project | 09/13/21 | 485,000 | 485,000 | 32,875 | 199,013 | 485,000 | 08/29/23 | 41% | 30% | Design complete. Pending coordination. |
| 2202600 | Teleprotection Substation Infrastructure Upgrade Project | 12/13/21 | 544,378 | 544,378 | - | 454,986 | 89,392 | 08/15/22 | 84% | 80% | In construction. |
| 2219619 | University Substation Transformer Replacement | 11/14/22 | 1,995,000 | 1,995,000 | 1,410,660 | 1,434,546 | 560,454 | 06/20/24 | 72% | 60% | In construction. |
| 2202776 | La Colina Substation Improvement Project | 11/14/22 | 2,500,000 | 2,500,000 | 5,068 | 5,068 | 2,494,932 | 02/28/24 | 0% | 5% | In design. |
| 2302559 | Harvey Lynn Switchgear Upgrade Project | 01/23/23 | 383,000 | 383,000 | 303,274 | 473,483 | (90,483) | 02/21/24 | 124% | 95% | Completed, pending as-builts. |
| 2312723 | Plaza Substation Switchgear and Bus Differential Upgrade Project | 04/10/23 | 275,000 | 275,000 | 74,183 | 169,182 | 105,818 | 06/20/24 | 62% | 95% | Completed, pending as-builts. |
| 2311326 | Emergency Turbine Repairs at RERC Unit 1 | 08/14/23 | 2,560,501 | 2,560,501 | - | 2,560,501 | (0) | 06/29/23 | 100% | 99% | Completed, pending closure. |
| 2323918 | Harvey Lynn Substation Switchgear 5 Upgrade project | 09/25/23 | 260,000 | 260,000 | 33,510 | 33,510 | 226,490 | 03/27/24 | 13% | 5% | In design |
| 2402369 | Orangecrest Switchgear 1 and 2 Upgrade project | 11/13/23 | 979,000 | 979,000 | 146,467 | 146,467 | 832,533 | 06/06/24 | 15% | 30% | Phase 1: In construction. Phase 2: In design. |
| 2420403 | Hunter Substation Replacement Project | 04/08/24 | 62,327,000 | 62,327,000 | - | - | 62,327,000 | - | 0% | 1% | In design and procurement. |
| Subtotal of SUBSTATION | | | | 89,496,558 | 2,385,695 | 20,008,347 | 69,687,225 | | | | |
| RECURRING/OBLIGATION TO SERVE | | | | | | | | | | | |
| 1611216 | Citywide Streetlight L.E.D. Conversion | 07/25/16 | 1,150,000 | 1,150,000 | - | 985,592 | 164,408 | 05/01/23 | 86% | 99% | Completed, pending closure. |
| 1711020 | Fiber Management System and Professional Services Project | 08/26/19 | 650,000 | 650,000 | - | 532,230 | 117,770 | 12/22/22 | 82% | 75% | In Construction - Data Migration and training completed. Data needs to be validated by engineering and IT GIS group. |

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|---|--|---------------------|--|---------------------------------|-------------------|--------------------|--------------------|--------------------|-------------------------------------|-------------|--|
| | | | | | Total | Total | | | % Spent | % Completed | |
| | | | | | as of 6/30/2024 | as of 6/30/2024 | | | | | |
| 1722321 | Norte Vista Sidewalk Improvements Project | 02/12/18 | 888,000 | 888,000 | 58 | 754,478 | 133,522 | 09/28/23 | 85% | 99% | Completed, pending closure. |
| 1917203 | Auto Center Reliability Project | 04/22/19 | 250,000 | 250,000 | - | 333,930 | (83,930) | 03/31/21 | 134% | 90% | Reclosers installed. Pending communications work. |
| 2115405 | Reliability Improvement and Fuse Coordination Project (Circuit | 5/10/2021 | 460,000 | 460,000 | 155,026 | 167,209 | 292,791 | 06/08/24 | 36% | 3% | In construction. |
| 2019648 | Spring Circuit Reliability Project - Phase 1 | 8/26/2023 | 3,587,000 | 3,587,000 | 683,777 | 1,037,612 | 2,549,388 | 06/20/24 | 29% | 10% | In construction. |
| 2224356 | Orancrest Substation Fiber Optic Cable Upgrade project | 11/13/2023 | 649,000 | 649,000 | 61,217 | 81,264 | 567,736 | 06/20/24 | 13% | 10% | Design complete. In procurement |
| Subtotal of RECURRING/OBLIGATION TO SERVE | | | | 7,634,000 | 900,078 | 3,892,315 | 3,741,685 | | | | |
| SYSTEM AUTOMATION | | | | | | | | | | | |
| 1707248 | Advanced Metering Infrastructure - Electric | 06/12/17 | 11,180,991 | 11,180,991 | 933,030 | 13,107,880 | (1,926,889) | 09/20/23 | 117% | 85% | Full deployment underway. Only remaining work is meter installs. |
| 1916742 | Phase 1 LED Conversion | 06/24/19 | 8,560,000 | 8,872,572 | 8,720 | 6,855,031 | 2,017,541 | 04/25/24 | 77% | 99% | Completed, pending closure. |
| 1718078 | Streetlight Replacement Project- Phase 3 | 07/22/19 | 1,849,000 | 1,849,000 | 83,184 | 1,929,608 | (80,608) | 09/20/23 | 104% | 99% | Completed, pending closure. |
| 1904073 | Streetlight Replacement Project- Phase 4 | 09/12/22 | 5,600,000 | 5,600,000 | 3,346,198 | 4,949,238 | 650,762 | 05/23/24 | 88% | 99% | Completed, pending closure. |
| 2208782 | Land mobile radio infrastructure upgrade project | 03/14/22 | 2,349,719 | 2,349,719 | 97,326 | 2,031,870 | 317,849 | 02/29/24 | 0% | 0% | In design |
| 2205440 | SCADA Upgrade Project | 08/22/22 | 2,287,567 | 1,335,961 | 149,392 | 599,696 | 736,265 | 03/21/24 | 0% | 0% | Pending start date. |
| Subtotal of SYSTEM AUTOMATION | | | | 31,188,243 | 4,617,850 | 29,473,322 | 1,714,921 | | | | |
| OTHER PROJECT | | | | | | | | | | | |
| 1104202 | CIS Replacement | 06/01/12 | 9,200,000 | 8,859,000 | 18,342 | 9,265,799 | (406,799) | 06/18/24 | 105% | 95% | In implementation phase (in progress). |
| Subtotal of OTHER PROJECT | | | | 8,859,000 | 18,342 | 9,265,799 | (406,799) | | | | |
| RTRP | | | | | | | | | | | |
| 050009/01 | Riverside Transmission Reliability Project (RTRP) (3) | 01/20/06 | 216,515,521 | 214,105,921 | 2,410,981 | 66,645,171 | 147,460,750 | 06/20/24 | 31% | 20% | Phase I construction (69kV) completed. |
| Subtotal of RTRP | | | | 214,105,921 | 2,410,981 | 66,645,171 | 147,460,750 | | | | |
| GRAND TOTAL ELECTRIC FUND - Open Work Orders | | | | 359,912,722 | 11,008,233 | 135,133,477 | 224,978,258 | | | | |

Notes:

- (1) Board approved estimate is the total approved amount of the work order which can include operating & maintenance costs as well as combined Electric & Water projects.
- (2) Project estimate reflects Electric capital portion only.
- (3) Work includes WO 642975, Subwo's 2001119, 2006768, 2016660, 2026813, 2105854, 2111094, 2117630, 2224311, 2311468, 2313132.
Board Memo 08-24-20 WO 642975 increase of \$ 144,910,000, approved by Council 2021, for a total of 216,515,521.
Board Approval 08-26-19 WO 2001119, estimate of \$ 676,850
Board Approval 11-25-19 WO 2006768, estimate of \$ 4,109,600
Board Approval 01-27-20 WO 2016660, estimate of \$ 1,409,904
Board Approval 06-08-20 WO 2026813, estimate of \$ 840,400
Board Approval 10-26-20 WO 2105854, estimate of \$ 10,737,000
Board Approval 02-22-21 WO 2111094, estimate of \$ 693,739

- Board Approval 05-10-21 WO 2117630, estimate of \$ 995,016.
- Board Approval 08-22-22 WO 2224311, estimate of \$ 1,500,026
- Board Approval 02-27-23 WO 2311468, estimate of \$ 483,000
- Board Approval 04-10-23 WO 2313132, estimate of \$ 236,000