

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

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 as of 1/31/2021	Total as of 1/31/2021			% Spent	% Completed	

Open Work Orders/Projects with Budgeted or Actual expenditures > \$200,000

OVERHEAD

Various	GO-165 Pole Replacements - Citywide	06/10/19	2,301,305	2,301,305	649,689	974,102	1,327,203	Various	42%	85%	In Construction.
080022 / 01	Wood Streets Streetlights Phase I ⁽³⁾	10/18/13	1,909,600	1,909,600	-	1,518,100	391,500	06/14/18	79%	95%	Pending Asbuilt plans. Due to Covid19 Minimum staffing order, Asbuilts plans will be delayed.
1503112	Plaza substation - Circuit 450	01/28/19	2,174,000	2,174,000	91,520	1,375,061	798,939	10/1/2020	63%	60%	In construction (on intermittent hold due to staff assigned to emergency jobs).
1521822	Plaza Substation - Circuit 456	09/18/15	933,000	933,000	-	1,136,291	(203,291)	10/31/19	122%	95%	Completed, pending as-builts.
1523553	Wood Streets Streetlights Phase 2	02/13/17	2,300,000	2,300,000	-	2,122,524	177,476	01/31/19	92%	95%	Completed, pending as-builts.
1708708	Plaza Sub 4/12kV Conversion Circuit 441	08/12/19	2,038,000	2,038,000	209,814	537,524	1,500,476	06/05/20	26%	15%	Still under construction.
1708710	Plaza Substation - Circuit 458	04/09/18	1,170,000	1,170,000	-	665,196	504,804	06/17/19	57%	95%	Completed, pending as-builts.
1808449	Plaza Substation - Circuit 448	07/09/18	973,000	973,000	-	539,015	433,985	10/31/19	55%	95%	Completed, pending as-builts.
1808451	Plaza Substation - Circuit 443	03/29/18	415,000	415,000	-	390,912	24,088	10/31/19	94%	95%	Completed, pending as-builts.
1904777	Plaza Substation 4kV to 12kV	12/22/20	4,450,000	4,450,000	5,926	177,863	4,272,137	11/12/20	4%	1%	Pending approval by the RPU Board.
Subtotal of OVERHEAD				18,663,905	956,950	9,436,588	9,227,317				

UNDERGROUND

1713398	Canyon Crest Area 1F (Phase 1)	01/08/18	739,000	739,000	-	743,429	(4,429)	03/21/19	101%	99%	Completed, pending as-builts.
1833153	Conduit and Structure Installation for the Cable Replacement Project	09/23/19	740,000	740,000	2,736	645,699	94,301	04/01/20	87%	95%	Completed, pending as-builts.
1903658	Electrical Engineering Design Services for Pole/Vault Placement and Reconductor Project	11/25/19	435,000	435,000	133,996	133,996	301,004	09/10/19	31%	5%	In Design.
Subtotal of UNDERGROUND				1,914,000	136,732	1,523,124	390,876				

SUBSTATION

1407577	Metal Gate Replacement	04/09/18	337,699	337,699	5,286	316,042	21,657	12/07/20	94%	98%	Completed, pending as-builts.
1603079	Springs & Orangecrest Equip. Replacement Proj.	02/19/16	1,700,000	1,700,000	-	1,579,869	120,131	04/01/20	93%	90%	In construction.
1808341	Substation Utility Storage Facility	06/11/18	407,385	407,385	-	244,714	162,671	12/31/19	60%	70%	On hold.
1814007	Substation Capacitor Upgrade Project	01/22/18	5,306,000	5,306,000	10,346	4,919,885	386,115	11/26/20	93%	98%	Completed, pending as-builts.
1816163	Substation Automation Upgrade Project	02/26/18	2,027,679	2,027,679	64,546	1,529,107	498,572	11/26/20	75%	75%	In implementation phase.
1822052	Harvey Lynn Substation Site Expansion	10/22/18	2,100,000	2,100,000	106,969	2,133,808	(33,808)	10/20/20	102%	98%	Completed, pending as-builts.
1826061	Riverside power plants Arc Flash Mitigation	06/11/18	497,000	497,000	-	33,408	463,592	06/10/20	7%	3%	On-hold.
1826767	Hunter Substation Replacement Project	01/14/19	2,000,000	2,000,000	279,226	1,101,996	898,004	11/12/20	55%	50%	In design (preliminary design).
1822318	Multi Substation Transformer Upgrade/ Recondition	06/25/18	3,082,617	3,082,617	12,271	2,917,159	165,458	11/26/20	95%	95%	Completed, pending as-builts.
1810532	Freeman Switchgear and Transformer Upgrade	11/05/18	5,463,000	5,463,000	1,382,459	4,895,814	567,186	11/12/20	90%	85%	In construction.

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

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		Project Status
					Total	Total			(Based on Proj. Est.)		
					as of 1/31/2021	as of 1/31/2021			% Spent	% Completed	
1906356	Multi Substation - 69kV Circuit Breakers Replacement	09/23/19	3,500,000	3,500,000	274,990	1,769,065	1,730,935	06/11/20	51%	30%	In implementation phase.
1927285	La Colina Switchgear 3&4 Replacement Project	06/10/19	480,000	480,000	-	105,298	374,702	03/19/20	22%	15%	On hold.
1927495	Plaza & Riverside Line Relay Replacement Project	06/10/19	492,000	492,000	1,549	491,509	491	09/22/20	100%	90%	In construction.
1910518	Substation Protection Support for Multiple Substations, with Stantec Consulting Services Inc.	11/25/19	480,000	480,000	43,473	118,582	361,418	09/23/19	25%	20%	In implementation phase.
2002530	Multi Substation Transformer Upgrade and Reconditioning	02/24/20	1,883,000	1,883,000	25,359	25,359	1,857,641	05/26/20	1%	1%	In construction.
2021755	Riverside Substation 15kV Relay Replacement Project	09/14/20	900,000	900,000	16,865	129,891	770,109	11/26/20	14%	15%	In design.
2103948	Clearwater Turbine Capital Project	12/22/20	1,160,152	1,160,152	28,242	28,242	1,131,910	10/28/20	2%	1%	Pending approval by the RPU Board.
Subtotal of SUBSTATION				31,816,532	2,251,579	22,339,748	9,476,784				
RECURRING/OBLIGATION TO SERVE											
070016 / 07	Tract 29596 Krameria Ave ⁽⁴⁾	07/20/07	500,000	500,000	-	457,499	42,501	03/13/14	91%	95%	Work should be completed in CADME and the job in SPL should be able to be closed out as well.
1309568	Distribution Automation Program	01/18/13	960,000	960,000	-	685,936	274,064	09/30/19	71%	65%	In construction.
1423748	Freeman Substation to Orangecrest Substation	10/22/18	1,265,000	1,265,000	139,719	928,901	336,099	12/08/20	73%	80%	Installation of new fiber completed. Removal of old fiber in progress
1503115	Freeman-Kaiser-Harvey Lynn	12/18/15	380,000	380,000	6,612	235,083	144,917	11/12/20	62%	50%	In construction. Completed estimate to be February 2021.
1518525	Jurupa Avenue - New Tract 28987	11/06/15	320,000	320,000	1,874	120,511	199,489	11/26/20	38%	1%	Job is partially released.
1524282	Land Mobile Radio (LMR) system (Electric Portion)	09/26/16	3,000,000	1,650,000	-	1,932,310	(282,310)	05/28/20	117%	99%	Completed and pending closure.
1611216	Citywide Streetlight L.E.D. Conversion	07/25/16	1,150,000	1,150,000	2,270	850,947	299,053	11/12/20	74%	70%	In Design.
1709454	12 kV Electrical Feeders for the California Air Resources Board Project	01/14/19	757,000	757,000	-	747,943	9,057	06/11/20	99%	100%	Completed and pending closure.
1711020	Fiber Management System and Professional Services Project	08/26/19	650,000	650,000	68,427	372,119	277,881	11/26/20	57%	45%	Data Migration in Process.
1722321	Norte Vista Sidwalk Improvements Project	02/12/18	888,000	888,000	-	746,064	141,936	01/28/20	84%	95%	Completed, Pending as-builts.
1725687	Wells-Arlanza Sidewalk Improvements Project	01/08/18	460,000	460,000	-	418,894	41,106	06/01/19	91%	95%	Completed, Pending as-builts.
1819765	Canyon Crest Areas 3 and 4 for Cable Rejuvenation	07/22/19	1,479,000	1,479,000	1,639	824,374	654,626	10/01/20	56%	90%	Construction recently finalized. Pending as-built (Contracts Admin to follow up with inspector).
1822537	Smart Grid Communication System Project	07/22/19	459,000	459,000	32,870	122,511	336,489	12/07/20	27%	30%	Consultant study / report in progress.
1917203	Auto Center Reliability Project	04/22/19	250,000	250,000	9,295	199,220	50,780	11/12/20	80%	90%	Reclosers installed. Pending communications work.
1807494	Magnolia Ave Street Improvememts Project from Buchanan St to Banbury Dr	12/09/19	382,000	382,000	131,825	146,659	235,341	06/04/20	38%	2%	In Construction. PW is lead on Project.
1816079	Magnolia Ave Street Improvememts Project from Buchanan St to Banbury Dr	12/09/19	378,000	378,000	3,118	38,846	339,154	01/23/20	10%	40%	In Construction. PW is lead on Project. Conduit installation in progress
1826227	Magnolia Ave Street Improvememts Project from Buchanan St to Banbury Dr	12/09/19	602,000	602,000	222,066	236,380	365,620	03/05/20	39%	40%	In Construction. PW is lead on Project. Conduit installation in progress
1818275	Iowa Avenue Improvements Projects from MLK Blvd to University Ave	04/13/20	1,430,000	1,430,000	174,524	289,604	1,140,396	11/26/20	20%	8%	In Construction with Public Works.
Subtotal of RECURRING/OBLIGATION TO SERVE				13,960,000	794,240	9,353,801	4,606,199				

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

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 as of 1/31/2021	Total as of 1/31/2021			% Spent	% Completed	
System Automation											
1707248	Advanced Metering Infrastructure - Electric	06/12/17	8,678,650	8,678,650	1,930,053	4,748,533	3,930,117	08/26/19	55%	35%	Alpha phase complete; Beta set-up and testing underway.
1619634	Operational Data Management System - Electric	05/09/16	4,907,000	2,474,500	-	2,510,050	(35,550)	11/18/20	101%	95%	In implementation phase.
1911437	Citywide Geographic Information System Tech. Upgrade Project	12/10/18	1,206,521	480,000	-	-	480,000	11/07/18	0%	1%	Board approval 12/10/18.
1914017	Cyber Security Upgrade Project RERC and Springs	03/25/19	220,024	220,024	(896)	178,595	41,429	08/31/20	81%	10%	Board approved 4/25. Equipment on hand.
1916742	Phase 1 LED Conversion	06/24/19	8,560,000	8,560,000	2,096,252	4,105,799	4,454,201	05/28/20	48%	0%	ON HOLD.
1718078	Streetlight Replacement Proj- Phase 3	07/22/19	1,849,000	1,849,000	98,808	633,957	1,215,043	11/26/20	34%	52%	In Construction.
Subtotal of SYSTEM AUTOMATION				22,262,174	4,124,218	12,176,934	10,085,240				
OTHER PROJECT											
1104202	CIS Replacement	06/01/12	9,200,000	8,859,000	13,748	8,802,193	56,807	06/24/19	99%	95%	In implementation phase (in progress).
Subtotal of OTHER PROJECT				8,859,000	13,748	8,802,193	56,807				
RTRP											
050009/01	Riverside Transmission Reliability Project (RTRP) (5)	01/20/06	71,605,521	71,605,521	1,536,965	45,900,567	25,704,954	09/22/20	64%	17%	Phase I construction (69kV) in progress, Remaining project pieces in Planning and Design stages.
Subtotal of RTRP				71,605,521	1,536,965	45,900,567	25,704,954				
GRAND TOTAL ELECTRIC FUND - Open Work Orders				169,081,132	9,814,433	109,532,955	59,548,177				

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 both WO 809099 & 0809101
- (4) Work includes both WO 0704432 & 0704434
- (5) Work includes WO 642975, WO 2006768, WO 2001119
Board Memo 08-24-20 WO 642975 increase of \$ 144,910,000 not yet Approved by Council.
Board Approval 11-25-19 WO 2006768, estimate of \$ 4,109,600 (within the Board approved amount of \$ 71,605,521).
Board Approval 08-26-19 WO 2001119, estimate of \$ 585,000 (within the Board approved amount of \$ 71,605,521).
Board Approval 06-08-20 WO 2026813, estimate of \$ 786,000 (within the Board approved amount of \$ 71,605,521).

Items in BLUE represent work orders with no activity in the last 60 days.