Riverside Public Utilities
Open Capital Work Order Summary Report - Electric Fund
March-25

Project / Subproject or WO	Project Description	Board Approval Date	Board Approved Estimate[1]	Project Estimate[2]	Year to Date Total as of 3/31/2025	Life to Date Total as of 3/31/2025	Available Balance	Last Activity Date	Job Status (Based on Proj. Est.) % Spent	Job Status (Based on Proj. Est.) % Completed	Project Status
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	14,966	2,173,243	757	12/31/24	100%	100%	Completed, pending closure.
1904777	Plaza Substation 4kV to 12kV	12/22/20	4,450,000	4,450,000	206,405	2,038,622	2,411,378	02/27/25	46%	40%	In construction.
2222112	Plaza Substation - Circuit 443 and 460	07/08/24	3,480,000	3,480,000	2,656	231,649	3,248,351	07/18/24	7%	35%	Design complete. Pending construction.
	Subtotal of OVERHEAD			**10,104,000**	**224,028**	**4,443,514**	**5,660,486**				
UNDERGROUND											
1619972	Canyon Crest Cable Replacement Area 1F, Phase 3 Project	06/25/21	1,300,000	1,300,000	-	1,354,495	(54,495)	09/16/22	104%	95%	Completed, pending as-builts.
2009293	Switch Cable Replacement Project Phase I	07/26/21	705,000	705,000	12,170	497,321	207,679	12/19/24	71%	90%	Completed, pending as-builts.
2201057	Circuit 1502 Switch Cable Replacement	07/08/24	1,795,000	1,795,000	854,968	1,028,301	766,699	02/27/25	57%	90%	Completed, pending as-builts.
2318306	PILC Cable Replacement	11/18/24	2,800,000	2,800,000	16,229	101,732	2,698,268	02/27/25	4%	10%	Contract work awarded to contractor to remove lead cable.
2428298	Limestone Drive Cable Replacement	02/24/25	931,000	931,000	60,229	63,364	867,636	02/27/25	7%	10%	Civil work awarded to contractor. .
	Subtotal of UNDERGROUND			**7,531,000**	**943,596**	**3,045,213**	**4,485,787**				
SUBSTATION											
1816163	Substation Automation Upgrade Project	02/26/18	2,027,679	2,027,679	-	1,899,767	127,912	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	41,368	1,344,572	655,428	02/24/25	67%	75%	In implementation phase.
1906356	Multi Substation - 69kV Circuit Breakers Replacement	09/23/19	7,200,000	7,200,000	341,742	6,482,358	717,642	02/27/25	90%	90%	In implementation phase.
2123497	Rohr Substation protection system upgrade project	09/13/21	485,000	485,000	-	199,013	485,000	08/29/23	41%	40%	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%	90%	In constuction.
2219619	University Substation Transformer Replacement	11/14/22	1,995,000	1,995,000	51,101	1,598,372	396,628	12/18/24	80%	99%	Completed, pending closure.
2202776	La Colina Substation Improvement Project	11/14/22	5,400,000	7,080,000	1,802,943	1,808,010	5,271,990	02/24/25	26%	25%	In design.
2312723	Plaza Substation Switchgear and Bus Differential Upgrade Project	04/10/23	275,000	275,000	6,294	194,684	80,316	07/18/24	71%	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	413	33,924	226,076	03/27/24	13%	5%	In design
2402369	Orangecrest Switchgear 1 and 2 Upgrade project	11/13/23	979,000	979,000	510,585	658,041	320,959	02/27/25	67%	30%	Phase 1: In construction. Phase 2: In design.
2420403	Hunter Substation Replacement Project	04/08/24	62,327,000	62,327,000	5,421,897	7,693,280	54,633,720	02/27/25	12%	5%	In design and procurement.
2429762	SPRINGS Emission Monitoring System Upgrade	09/23/24	703,166	703,166	324,630	324,630	378,536	03/04/25	46%	50%	In planning.
2505220	Springs Inlet Guide Vane Upgrades	11/18/24	884,525	884,525	-	-	-	-	0%	0%	In planning.

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2410502	La Colina Substation Gate and Driveway Project	02/24/25	327,000	327,000	-	-	-	-	0%	0%	In Design
2510864	Emergency Turbine Repairs at RERC Unit 2	03/10/25	2,923,122	2,923,122	1,384,085	1,384,085	1,539,037	12/16/24	47%	50%	In planning.
	Subtotal of SUBSTATION			**93,068,371**	**9,885,058**	**26,699,634**	**65,356,226**				
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.
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 1	05/10/21	460,000	460,000	313,316	481,185	(21,185)	01/01/25	105%	57%	In construction.
2019648	Spring Circuit Reliability Project - Phase 1	08/26/23	3,587,000	3,587,000	1,161,414	3,354,839	232,161	02/13/25	94%	60%	In construction.
2224356	Orangecrest Substation Fiber Optic Cable Upgrade project	11/13/23	649,000	649,000	53,709	136,524	512,476	02/27/25	21%	10%	Design complete. In procurement
2311805	Standby Generation Replacement	11/18/24	271,000	271,000	-	1,198	269,802	-	0%	5%	Contract awarded.
2208638	Streetlight Replacement Project, Phase 5	01/13/25	4,200,000	4,200,000	12,500	80,218	4,119,782	02/27/25	2%	50%	In construction.
	Subtotal of RECURRING/OBLIGATION TO SERVE			**11,217,000**	**1,540,938**	**5,905,717**	**5,311,283**				
SYSTEM AUTOMATION											
1707248	Advanced Metering Infrastructure - Electric	06/12/17	11,180,991	11,180,991	-	11,858,700	(677,709)	09/20/23	106%	85%	Full deployment underway. Only remaining work is meter installs.
1916742	Phase 1 LED Conversion	06/24/19	8,560,000	8,872,572	10,032	6,864,971	2,007,601	09/25/24	77%	99%	Completed, pending closure.
1718078	Streetlight Replacement Project- Phase 3	07/22/19	1,849,000	1,849,000	-	1,929,185	(80,185)	09/20/23	104%	99%	Completed, pending closure.
1904073	Streetlight Replacement Project- Phase 4	09/12/22	5,600,000	5,600,000	411	5,184,146	415,854	09/12/24	93%	99%	Completed, pending closure.
2205440	SCADA Upgrade Project	08/22/22	2,287,567	1,335,961	480,354	632,331	703,630	11/30/24	47%	80%	In construction.
2427164	SCADA Ancilliary Networking Infrastructure	08/12/24	1,157,598	1,157,598	1,052,360	1,052,360	105,238	02/24/25	91%	90%	In construction.
2508277	AMI Electric Meter Replacement	12/19/24	25,250,000	25,250,000	-	-	-	-	0%	0%	Not started.
	Subtotal of SYSTEM AUTOMATION			**55,246,122**	**1,543,158**	**27,521,692**	**2,474,430**				
OTHER PROJECT											
1104202	CIS Replacement	06/01/12	9,200,000	8,859,000	22,090	8,943,205	(84,205)	10/24/24	101%	95%	In implementation phase (in progress).
	Subtotal of OTHER PROJECT			**8,859,000**	**22,090**	**8,943,205**	**(84,205)**				
RTRP											
050009/01	Riverside Transmission Reliability Project (RTRP) (3)	01/20/06	216,515,521	214,105,921	3,136,478	54,595,921	159,510,000	03/05/25	25%	20%	Phase I construction (69kV) completed.
	Subtotal of RTRP			**214,105,921**	**3,136,478**	**54,595,921**	**159,510,000**				
GRAND TOTAL ELECTRIC FUND - Open Work Orders				**400,131,414**	**17,295,346**	**131,154,895**	**242,714,007**				

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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