

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

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 6/30/2025	Total as of 6/30/2025			% Spent	% Completed	
Open Work Orders/Projects with Budgeted or Actual expenditures > \$200,000											
OVERHEAD											
1904777	Plaza Substation 4kV to 12kV	12/22/20	4,450,000	4,450,000	438,019	2,270,235	2,179,765	06/09/25	51%	80%	In construction.
2222112	Plaza Substation - Circuit 443 and 460	07/08/24	3,480,000	3,480,000	225,478	454,471	3,025,529	05/22/25	13%	45%	In construction.
Subtotal of OVERHEAD				7,930,000	663,497	2,724,706	5,205,294				
UNDERGROUND											
2009293	Switch Cable Replacement Project Phase I	07/26/21	705,000	705,000	14,249	499,400	205,600	05/22/25	71%	90%	Completed, pending as-builts.
2201057	Circuit 1502 Switch Cable Replacement	07/08/24	1,795,000	1,795,000	1,444,264	1,617,597	177,403	06/07/25	90%	90%	Completed, pending as-builts.
2318306	PILC Cable Replacement	11/18/24	2,800,000	2,800,000	607,457	692,960	2,107,040	05/22/25	25%	80%	In construction.
2428298	Limestone Drive Cable Replacement	02/24/25	931,000	931,000	72,738	75,873	855,127	06/05/25	8%	50%	In construction.
Subtotal of UNDERGROUND				6,231,000	2,138,707	2,885,829	3,345,171				
SUBSTATION											
1826061	Riverside power plants Arc Flash Mitigation	06/11/18	497,000	497,000	-	63,408	433,592	06/10/20	13%	35%	RERC - In implementation phase. Springs - In design.
1826767	Hunter Substation Replacement Project	01/14/19	2,000,000	2,000,000	71,368	1,374,572	625,428	04/22/25	69%	75%	In implementation phase.
1906356	Multi Substation - 69kV Circuit Breakers Replacement	09/23/19	7,200,000	7,200,000	456,065	6,596,681	603,319	05/22/25	92%	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	13,691,000	1,875,963	1,881,031	11,809,969	05/06/25	14%	26%	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	26,494	60,005	199,995	06/05/25	23%	10%	In design and procurement.
2402369	Orangetrest Switchgear 1 and 2 Upgrade project	11/13/23	979,000	979,000	514,671	662,127	316,873	02/27/25	68%	30%	Phase 1: In construction. Phase 2: In design.
2420403	Hunter Substation Replacement Project	04/08/24	62,327,000	62,327,000	11,145,058	13,417,186	48,909,814	06/05/25	22%	18%	In design and procurement.
2429762	SPRINGS Emission Monitoring System Upgrade	09/23/24	703,166	703,166	515,498	515,498	187,668	05/19/25	73%	50%	In planning.
2505220	Springs Inlet Guide Vane Upgrades	11/18/24	884,525	884,525	-	-	-	-	0%	0%	In planning.
2410502	La Colina Substation Gate and Driveway Project	02/24/25	327,000	327,000	1,162	1,162	-	05/06/25	0%	5%	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				97,651,692	16,047,759	30,963,312	65,677,030				

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					Total as of 6/30/2025	Total as of 6/30/2025			% Spent	% Completed	
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%	100%	Completed, set to auto-close.
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%	100%	Project complete. Set to close per Rudy Villavicencio
2115405	Reliability Improvement and Fuse Coordination Project (Circuit 1	05/10/21	460,000	460,000	313,113	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	1,443,185	3,636,610	(49,610)	05/09/25	101%	70%	In construction.
2224356	Orangetrest Substation Fiber Optic Cable Upgrade project	11/13/23	649,000	649,000	56,436	139,252	509,748	06/05/25	21%	20%	In construction.
2311805	Standby Generation Replacement	11/18/24	271,000	271,000	128,727	129,925	141,075	05/29/25	48%	80%	In construction.
2208638	Streetlight Replacement Project, Phase 5	01/13/25	4,200,000	4,200,000	735,281	802,999	3,397,001	06/06/25	19%	50%	In construction.
Subtotal of RECURRING/OBLIGATION TO SERVE				11,217,000	2,676,742	7,041,724	4,175,276				
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.
1904073	Streetlight Replacement Project- Phase 4	09/12/22	5,600,000	5,600,000	-	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	617,696	920,816	415,145	05/14/25	69%	80%	In construction.
2427164	SCADA Ancilliary Networking Infrastructure	08/12/24	1,157,598	1,157,598	1,086,656	1,086,656	70,942	04/07/25	94%	90%	In construction.
2508277	AMI Electric Meter Replacement	12/19/24	25,250,000	25,250,000	1,850,985	1,850,985	-	06/05/25	0%	0%	Not started.
2517602	Server Replacment at UOC project	04/28/25	282,742	282,742	-	-	282,742	-	0%	0%	Pending start date
2521744	CIS Upgrade Project	06/09/25	1,567,692	1,567,692	-	-	1,567,692	-	0%	0%	Pending start date
Subtotal of SYSTEM AUTOMATION				46,374,984	3,555,337	20,901,302	2,074,667				
OTHER PROJECT											
1104202	CIS Replacement	06/01/12	9,200,000	8,859,000	28,690	8,949,805	(90,805)	10/24/24	101%	95%	In implementation phase (in progress).
Subtotal of OTHER PROJECT				8,859,000	28,690	8,949,805	(90,805)				
RTRP											
050009/01	Riverside Transmission Reliability Project (RTRP) (3)	01/20/06	216,515,521	214,105,921	5,027,092	71,737,397	142,368,524	06/11/25	34%	20%	Phase I construction (69kV) completed.
Subtotal of RTRP				214,105,921	5,027,092	71,737,397	142,368,524				
GRAND TOTAL ELECTRIC FUND - Open Work Orders				392,369,597	30,137,823	145,204,075	222,755,157				

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.

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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