

Riverside Public Utilities
Open Capital Work Order Summary Report - Electric Fund
July-19

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 7/31/2019	Total as of 7/31/2019			% Spent	% Completed	

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

OVERHEAD

Various	GO-165 Pole Replacements - Citywide	09/25/17	1,125,000	1,125,000	-	844,775	280,225	Various	75%	100%	Project completed, pending final billing
Various	GO-165 Pole Replacements - Citywide	08/27/18	2,227,000	2,227,000	-	1,150,921	1,076,079	Various	52%	0%	In construction.
Various	GO-165 Pole Replacements - Citywide	06/10/19	2,301,305	2,301,305	-	-	2,301,305	Various	0%	0%	Pending start date
080022 / 01	Wood Streets Streetlights Phase I(5)	10/18/13	1,909,600	1,909,600	-	1,792,642	116,958	06/14/18	94%	95%	Completed, pending as-builts.
1503112	Plaza substation - Circuit 450	01/28/19	2,174,000	2,174,000	79,879	1,059,912	1,114,088	07/24/19	49%	40%	In construction.
1521822	Plaza Substation - Circuit 456	09/18/15	933,000	933,000	3,159	1,133,093	(200,093)	07/11/19	121%	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.
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	-	538,544	434,456	06/27/19	55%	90%	In construction.
1808451	Plaza Substation - Circuit 443	03/29/18	415,000	415,000	12,915	377,469	37,531	07/19/19	91%	95%	Completed, pending as-builts.
Subtotal of OVERHEAD				15,527,905	95,953	9,685,076	5,842,829				

UNDERGROUND

1409723	Canyon Crest Area 1E	11/06/15	1,175,000	1,175,000	-	1,032,476	142,524	02/08/18	88%	95%	Completed, pending closure (litigation resolved)
1505212	Canyon Crest Area 1F (Phase 2)	01/28/19	1,430,000	1,430,000	85	965,143	464,857	07/17/19	67%	95%	Completed, pending as-builts.
1713398	Canyon Crest Area 1F (Phase 1)	01/08/18	739,000	739,000	-	743,429	(4,429)	03/21/19	101%	100%	Completed, pending as-builts.
1724058	Canyon Crest Area 2 Cable Rejuvenation Project	03/25/19	746,000	746,000	-	61,068	684,932	07/17/19	8%	95%	Completed, pending as-builts.
Subtotal of UNDERGROUND				4,090,000	85	2,802,116	1,287,884				

SUBSTATION

1407577	Metal Gate Replacement	04/09/18	337,699	337,699	-	34,310	303,389	06/13/19	10%	5%	In design
1601400	Springs, Freeman and Mt. View	07/25/16	5,530,000	5,530,000	-	5,011,612	518,388	05/29/19	91%	99%	Construction Completed-pending as-builts
1603079	Springs & Orangecrest Equip. Replacement Proj.	02/19/16	1,700,000	1,700,000	-	1,459,558	240,442	06/27/19	86%	60%	In construction
1808341	Substation Utility Storage Facility	06/11/18	407,385	407,385	-	202,814	204,571	06/26/19	50%	5%	In design
1814007	Substation Capacitor Upgrade Project	01/22/18	5,306,000	5,306,000	12,600	4,011,234	1,294,766	07/11/19	76%	15%	Completed construction of 2 capacitors

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1816163	Substation Automation Upgrade Project	02/26/18	2,027,679	2,027,679	516	1,124,192	903,487	07/11/19	55%	40%	7 substations are in design - RERC Design Completed,Casa, Plaza & University Constructions are completed
1817274	Vista Substation	02/26/18	836,175	836,175	-	782,757	53,418	05/08/19	94%	99%	Construction is completed. In the process of closing the wo.
1822052	Harvey Lynn Substation Site Expansion	10/22/18	2,100,000	2,100,000	656	1,194,723	905,277	07/11/19	57%	60%	PO's will be issues next month to contractors.
1826061	Riverside power plants Arc Flash Mitigation	06/11/18	497,000	497,000	-	17,493	479,507	06/13/19	4%	3%	In design
1826998	Multi-Substation Circuit Breaker Remote Racking Project	11/26/18	619,000	619,000	-	458,754	160,246	06/30/19	74%	99%	Construction complete pending as-built
1826767	Hunter Substation Replacement Project	01/14/19	2,000,000	2,000,000	-	189,485	1,810,515	06/30/19	9%	1%	Preliminary design
1816638	Freeman Substation & Mt. View Substation	05/14/18	4,202,827	4,202,827	5,415	3,632,812	570,015	07/11/19	86%	95%	Construction completed-pending as-builts and standards development
1822318	Multi Substation Transformer Upgrade/ Recondition	06/25/18	3,082,617	3,082,617	2,408	2,556,940	525,677	07/11/19	83%	90%	In construction
1810532	Freeman Switchgear and Transformer Upgrade	11/05/18	3,638,268	3,638,268	128,578	214,882	3,423,386	07/18/19	6%	3%	Completed 80% of phase 1 design
1927285	La Colina Switchgear 3&4 Replacement Project	06/10/19	480,000	480,000	-	-	480,000	06/13/19	0%	0%	Board approved WO
1927495	Plaza & Riverside Line Relay Replacement Project	06/10/19	492,000	492,000	-	-	492,000	06/13/19	0%	0%	Board approved WO
Subtotal of SUBSTATION				33,256,650	150,173	20,891,566	12,365,084				
RECURRING/OBLIGATION TO SERVE											
070016 / 07	Tract 29596 Krameria Ave(4)	07/20/07	500,000	500,000	-	468,292	31,708	03/13/14	94%	95%	In construction.
1024305	Electric SCADA System Upgrades	07/01/11	2,938,307	2,938,307	-	2,737,329	200,978	08/10/16	93%	99%	Completed, pending closure.
1309568	Distribution Automation Program	01/18/13	960,000	960,000	-	685,860	274,140	06/30/19	71%	65%	In construction.
1423748	Freeman Substation to Orangecrest Substation	10/22/18	1,265,000	1,265,000	559	231,036	1,033,964	07/11/19	18%	1%	In design phase
1503115	Freeman-Kaiser-Harvey Lynn	12/18/15	300,000	300,000	-	226,521	73,479	12/27/18	76%	50%	Drilling contractor meeting w/crews, pending start date
1518525	Jurupa Avenue - New Tract 28987	11/06/15	320,000	320,000	-	13,740	306,260	06/01/16	4%	0%	On-hold.
1524282	Land Mobile Radio (LMR) system (Electric Portion)	09/26/16	3,000,000	1,650,000	-	1,692,952	(42,952)	04/26/19	103%	95%	Completed, pending closure.
1611216	Citywide Streetlight L.E.D. Conversion	07/25/16	1,150,000	1,150,000	664	707,300	442,700	07/11/19	62%	70%	In design.
1709454	12 kV Electrical Feeders for the California Air Resources Board Project	01/14/19	757,000	757,000	645	239,712	517,288	07/19/19	32%	1%	Design completed, In construction
1719921	Magnolia Avenue	04/24/17	2,189,489	2,189,489	243	1,866,020	323,469	07/11/19	85%	85%	Completed, pending as-builts.
1722321	Norte Vista Sidwalk Improvements Project	02/12/18	888,000	888,000	902	638,793	249,207	07/23/19	72%	15%	In construction.

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1725687	Wells-Arlanza Sidewalk Improvements Project	01/08/18	460,000	460,000	-	418,894	41,106	06/01/19	91%	65%	In construction.
1917203	Auto Center Reliability Project	04/22/19	250,000	250,000	-	35,831	214,169	06/14/19	14%	12%	Board approved. On hold
1819765	Canyon Crest Areas 3 and 4 for Cable Rejuvenation	07/22/19	1,479,000	1,479,000	491	32,856	1,446,144	07/22/19	2%	0%	Board approved 7/22/19
1822537	Smart Grid Communication System Project	07/22/19	459,000	459,000	-	25,107	433,893	07/22/19	5%	5%	Board approved. In the process of issuing PO to consultant.
Subtotal of RECURRING/OBLIGATION TO SERVE				15,565,796	3,504	10,020,243	5,545,553				
System Automation											
1619634	Operational Data Management System - Electric	06/12/17	4,907,000	2,474,500	-	2,460,657	13,843	06/25/19	99%	70%	Seeking approval to extend consultant contract for project years 4 & 5 for additional integration and development
1707248	Advanced Metering Infrastructure - Electric	06/12/17	3,660,000	1,450,000	11,808	235,926	1,214,074	07/24/19	16%	10%	Planning stage of project; preparing for Alpha proof-of-concept
1911437	Citywide Geographic Information System Tech. Upgrade Project	12/10/18	1,206,521	480,000	-	-	480,000	12/10/18	0%	1%	Board approval 12/10/18
1914017	Cyber Security Upgrade Project RERC and Springs	03/25/19	220,024	220,024	-	179,491	40,533	06/17/19	82%	10%	Board approved 4/25. Equipment on hand.
1916742	Phase 1 LED Conversion	06/24/19	8,560,000	8,560,000	-	280	8,559,720	06/24/19	0%	0%	Waiting Special Provisions, Draft from Benya
1718078	Streetlight Replacement Proj- Phase 3	07/22/19	1,849,000	1,849,000	323	100,012	1,748,988	07/22/19	5%	50%	Board approved 7/22 Pending Council approval on 8/6
Subtotal of SYSTEM AUTOMATION				15,033,524	12,131	2,976,366	12,057,158				
OTHER PROJECT											
1104202	CIS Replacement	06/01/12	9,200,000	8,859,000	-	8,706,391	152,609	06/24/19	98%	95%	Completed, pending closure.
Subtotal of OTHER PROJECT				8,859,000	-	8,706,391	152,609				
RTRP											
642975	Riverside Transmission Reliability Project (RTRP)	01/20/06	42,605,521	42,605,521	1,125,483	34,780,740	7,824,781	07/11/19	82%	15%	In design.
Subtotal of RTRP				42,605,521	1,125,483	34,780,740	7,824,781				
GRAND TOTAL ELECTRIC FUND - Open Work Orders				134,938,396	1,387,330	89,862,498	45,075,898				

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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.
- (4) Work includes both WO 0704432 & 0704434
- (5) Work includes both WO 809099 & 0809101

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