

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

Project / Subproject or WO	Project Description	Board Approval Date	Board Approved Estimate ⁽¹⁾	Project Estimate ⁽²⁾	Year to Date Total as of 6/30/2019	Life to Date Total as of 6/30/2019	Available Balance	Last Activity Date	Job Status (Based on Proj. Est.)		Project Status
									% 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	-	850,468	274,532	Various	76%	100%	Project completed, pending final billing
Various	GO-165 Pole Replacements - Citywide	08/27/18	2,227,000	2,227,000	-	151,467	2,075,533	Various	7%	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	112,876	362,470	1,811,530	06/13/19	17%	14%	In construction.
1521822	Plaza Substation - Circuit 456	09/18/15	933,000	933,000	881,680	1,129,935	(196,935)	05/30/19	121%	95%	Completed, pending as-builts.
1523553	Wood Streets Streetlights Phase 2	02/13/17	2,300,000	2,300,000	8,246	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	441,668	652,115	517,885	06/17/19	56%	95%	Completed, pending as-builts.
1808449	Plaza Substation - Circuit 448	07/09/18	973,000	973,000	499,356	530,599	442,401	05/18/19	55%	75%	In construction.
1808451	Plaza Substation - Circuit 443	03/29/18	415,000	415,000	282,487	355,570	59,430	06/18/19	86%	80%	In construction.
Subtotal of OVERHEAD					15,527,905	2,226,313	7,947,790	7,580,115			

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	766,458	965,058	464,942	06/12/19	67%	95%	Completed, pending as-builts.
1713398	Canyon Crest Area 1F (Phase 1)	01/08/18	739,000	739,000	123,964	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	57,205	46,932	699,068	06/18/19	6%	5%	In construction
Subtotal of UNDERGROUND					4,090,000	947,627	2,787,895	1,302,105			

SUBSTATION

1407577	Metal Gate Replacement	04/09/18	337,699	337,699	16,022	33,399	304,300	06/13/19	10%	5%	In design
1601400	Springs, Freeman and Mt. View	07/25/16	5,530,000	5,530,000	561,034	5,011,612	518,388	05/29/19	91%	85%	In construction
1603079	Springs & Orangecrest Equip. Replacement Proj.	02/19/16	1,700,000	1,700,000	183,852	1,458,741	241,259	06/13/19	86%	60%	In construction
1808341	Substation Utility Storage Facility	06/11/18	407,385	407,385	88,194	100,420	306,965	06/11/19	25%	5%	In design
1814007	Substation Capacitor Upgrade Project	01/22/18	5,306,000	5,306,000	3,242,619	3,892,375	1,413,625	06/18/19	73%	15%	Completed construction of 2 capacitors

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1816163	Substation Automation Upgrade Project	02/26/18	2,027,679	2,027,679	437,740	1,112,640	915,039	06/13/19	55%	40%	8 substations are in design - Plaza Design Completed,Casa & 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	1,073,054	1,118,439	981,561	06/13/19	53%	60%	PO's will be issues next month to contractors.
1826061	Riverside power plants Arc Flash Mitigatino	06/11/18	497,000	497,000	16,173	16,320	480,680	06/13/19	3%	3%	In design
1826998	Multi-Substation Circuit Breaker Remote Racking Project	11/26/18	619,000	619,000	30,966	39,382	579,618	06/13/19	6%	2%	In Construction
1826767	Hunter Substation Replacement Project	01/14/19	2,000,000	2,000,000	38,656	55,517	1,944,483	06/13/19	3%	1%	Preliminary design
1816638	Freeman Substation & Mt. View Substation	05/14/18	4,202,827	4,202,827	3,514,812	3,546,317	656,510	06/17/19	84%	95%	Construction completed-pending as-builts and standards development
1822318	Multi Substation Transformer Upgrade/ Recondition	06/25/18	3,082,617	3,082,617	2,522,823	2,524,814	557,803	06/13/19	82%	90%	In construction
1810532	Freeman Switchgear and Transformer Upgrade	11/05/18	3,638,268	3,638,268	27,406	75,155	3,563,113	06/13/19	2%	3%	Completed 80% of phase 1 design
1927285	La Colima 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	11,753,352	19,767,888	13,488,762				

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	2,942	685,784	274,216	05/30/19	71%	65%	In construction.
1423748	Freeman Substation to Orangecrest Substation	10/22/18	1,265,000	1,265,000	207,231	220,715	1,044,285	06/13/19	17%	1%	In design phase
1503115	Freeman-Kaiser-Harvey Lynn	12/18/15	300,000	300,000	46,520	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	149,731	642,213	507,787	05/20/19	56%	70%	In design.
1709454	12 kV Electrical Feeders for the California Air Resources Board Project	01/14/19	757,000	757,000	103,642	173,873	583,127	06/13/19	23%	1%	Design completed, In construction
1719921	Magnolia Avenue	04/24/17	2,189,489	2,189,489	430,142	1,864,565	324,924	06/13/19	85%	85%	Completed, pending as-builts.
1722321	Norte Vista Sidwalk Improvements Project	02/12/18	888,000	888,000	529,119	609,137	278,863	06/13/19	69%	15%	In construction.

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1725687	Wells-Arlanza Sidewalk Improvements Project	01/08/18	460,000	460,000	341,649	418,894	41,106	05/16/19	91%	65%	In construction.
1917203	Auto Center Reliablilty Project	04/22/19	250,000	250,000	34,262	34,262	215,738	06/14/19	14%	12%	Board approved. On hold
Subtotal of RECURRING/OBLIGATION TO SERVE				13,627,796	1,845,237	9,788,277	3,839,519				
System Automation											
1619634	Operational Data Management System - Electric	06/12/17	4,907,000	2,474,500	235,703	2,435,268	39,232	05/29/19	98%	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	207,934	207,934	1,242,066	06/10/19	14%	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	179,491	40,533	04/22/19	82%	10%	Board approved 4/25. Equipment on hand.
Subtotal of SYSTEM AUTOMATION				4,624,524	623,128	2,822,693	1,801,831				
OTHER PROJECT											
1104202	CIS Replacement	06/01/12	9,200,000	8,859,000	275,244	8,694,741	164,259	04/15/19	98%	95%	Completed, pending closure.
Subtotal of OTHER PROJECT				8,859,000	275,244	8,694,741	164,259				
RTRP											
642975	Riverside Transmission Reliability Project (RTRP)	01/20/06	42,605,521	42,605,521	5,181,080	33,543,691	9,061,830	06/19/19	79%	15%	In design.
0812940	Sub-Transmission Project (STP) (3)	07/17/09	24,000,000	24,000,000	56	18,312,693	5,687,307	05/01/19	76%	99%	Completed, pending as-builts.
Subtotal of RTRP				66,605,521	5,181,136	51,856,384	14,749,137				
GRAND TOTAL ELECTRIC FUND - Open Work Orders				146,591,396	22,852,037	103,665,668	42,925,728				

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) WO 0812940 is part of Project 050009 which was approved by Board for \$24,000,000. Project 050009 includes various sub-work orders closed in prior years.
- (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.