

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

Project / Subproject or WO	Project Description	Board Approval Date	Board Approved Estimate ⁽¹⁾	Project Estimate ⁽²⁾	Year to Date Total as of 6/30/2021	Life to Date Total as of 6/30/2021	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

080022 / 01	Wood Streets Streetlights Phase I ⁽³⁾	10/18/13	1,909,600	1,909,600	-	1,792,642	116,958	06/14/18	94%	95%	Pending as-builts plans.
1503112	Plaza substation - Circuit 450	01/28/19	2,174,000	2,174,000	302,675	1,593,295	580,705	06/08/21	73%	60%	No change. In construction (on intermittent hold due to staff assigned to emergency jobs). Electric field crews to work on this through the summer.
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	688,245	1,022,115	1,015,885	06/05/20	50%	75%	Still under construction.
1808449	Plaza Substation - Circuit 448	07/09/18	973,000	973,000	-	539,015	433,985	02/06/21	55%	95%	Completed, pending as-builts.
1904777	Plaza Substation 4kV to 12kV	12/22/20	4,450,000	4,450,000	19,728	191,665	4,258,335	03/18/21	4%	4%	In Construction.
Subtotal of OVERHEAD				13,844,600	1,010,648	7,261,256	6,583,344				

UNDERGROUND

1903658	Electrical Engineering Design Services for Pole/Vault Placement and Reconductor Project	11/25/19	435,000	435,000	343,230	343,230	91,770	09/10/19	79%	5%	In Design.
1619972	Canyon Crest Cable Replacement Area 1F, Phase 3 Project	06/25/21	1,300,000	1,300,000	35,672	171,544	1,128,456	05/13/21	13%	1%	Work order went to Board on 05/24/21.
Subtotal of UNDERGROUND				1,735,000	378,902	514,774	1,220,226				

SUBSTATION

1407577	Metal Gate Replacement	04/09/18	337,699	337,699	45,103	355,860	(18,161)	05/24/21	105%	99%	Completed, pending as-builts.
1603079	Springs & Orangecrest Equipment Replacement Project	02/19/16	1,700,000	1,700,000	3,506	1,583,375	116,625	05/27/21	93%	90%	On-hold. Will resume construction in 11/1/21.
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	101,665	5,011,204	294,796	06/07/21	94%	98%	Completed, pending as-builts and updating standards.
1816163	Substation Automation Upgrade Project	02/26/18	2,027,679	2,027,679	156,972	1,621,533	406,146	05/27/21	80%	75%	In implementation phase.
1822052	Harvey Lynn Substation Site Expansion	10/22/18	2,100,000	2,100,000	115,139	2,141,978	(41,978)	03/31/21	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	303,964	1,126,735	873,265	05/06/21	56%	70%	In design - Pending Council approval of CEQA.
1822318	Multi Substation Transformer Upgrade/ Recondition	06/25/18	3,082,617	3,082,617	26,787	2,931,676	150,941	12/27/20	95%	95%	Completed, pending as-builts.
1810532	Freeman Switchgear and Transformer Upgrade	11/05/18	5,463,000	5,463,000	1,574,387	5,087,742	375,258	04/29/21	93%	98%	Completed pending as-builts and updating standards.
1906356	Multi Substation - 69kV Circuit Breakers Replacement	09/23/19	6,500,000	6,500,000	1,748,448	3,242,523	3,257,477	06/11/20	50%	30%	In implementation phase.
1927285	La Colina Switchgear 3&4 Replacement Project	06/10/19	480,000	480,000	19,404	124,701	355,299	03/19/20	26%	15%	On hold.
1927495	Plaza & Riverside Line Relay Replacement Project	06/10/19	492,000	492,000	26,573	516,534	(24,534)	05/27/21	105%	90%	In Construction.
1910518	Substation Protection Support for Multiple Substations, with Stantec Consulting Services Inc.	11/25/19	480,000	480,000	70,654	145,763	334,237	04/28/21	30%	25%	In implementation phase.
2002530	Multi Substation Transformer Upgrade and Reconditioning	02/24/20	1,883,000	1,883,000	1,396,337	1,396,337	486,663	05/26/20	74%	90%	In Construction.
2021755	Riverside Substation 15kV Relay Replacement Project	09/14/20	900,000	900,000	638,518	751,544	148,456	06/07/21	84%	30%	In Construction.
2120986	Multiple Substations 15KV Capital Circuit Breaker Replacement Project	05/24/21	490,000	490,000	-		490,000	04/15/21	1%	1%	Work order went to Board on 05/24/21.
Subtotal of SUBSTATION				34,146,380	6,227,457	26,315,627	7,830,753				

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					Total as of 6/30/2021	Total as of 6/30/2021			% Spent	% Completed	
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%	Work should be completed in CADME and the job in SPL should be able to be closed out as well.
1423748	Freeman Substation to Orangecrest Substation	10/22/18	1,265,000	1,265,000	326,644	1,115,935	149,065	05/28/21	88%	80%	Installation of new fiber completed. Removal of old fiber in progress.
1503115	Freeman-Kaiser-Harvey Lynn	12/18/15	380,000	380,000	178,485	406,956	(26,956)	03/27/21	107%	95%	Completed, pending as-builts.
1518525	Jurupa Avenue - New Tract 28987	11/06/15	320,000	320,000	13,892	132,580	187,420	05/27/21	41%	90%	In Construction.
1611216	Citywide Streetlight L.E.D. Conversion	07/25/16	1,150,000	1,150,000	2,344	851,021	298,979	04/15/21	74%	85%	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%	99%	Completed and pending closure.
1711020	Fiber Management System and Professional Services Project	08/26/19	650,000	650,000	123,814	427,506	222,494	05/27/21	66%	70%	Data Migration and training completed. Data needs to be validated by engineering and IT GIS group.
1722321	Norte Vista Sidewalk 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	11,962	834,697	644,303	03/18/21	56%	90%	Completed. Work Order in process of being closed.
1822537	Smart Grid Communication System Project	07/22/19	459,000	459,000	75,073	164,714	294,286	05/27/21	36%	40%	Consultant study / report in progress.
1917203	Auto Center Reliability Project	04/22/19	250,000	250,000	85,202	275,126	(25,126)	03/31/21	110%	90%	Reclosers installed. Pending communications work.
1807494	Magnolia Ave Street Improvements Project from Buchanan St to Banbury Dr.	12/09/19	382,000	382,000	335,839	350,673	31,327	06/04/20	92%	95%	Completed, pending as-builts.
1816079	Magnolia Ave Street Improvements Project from Buchanan St to Banbury Dr.	12/09/19	378,000	378,000	415,338	458,986	(80,986)	01/23/20	121%	90%	Construction completed, pending as-builts.
1826227	Magnolia Ave Street Improvements Project from Buchanan St to Banbury Dr.	12/09/19	602,000	602,000	297,796	319,011	282,989	03/05/20	53%	90%	Construction completed, pending as-builts.
1818275	Iowa Avenue Improvements Projects from MLK Blvd to University Ave.	04/13/20	1,430,000	1,430,000	1,093,206	1,208,853	221,147	06/08/21	85%	20%	In Construction with Public Works.
2115405	Reliability Improvement and Fuse Coordination Project (Circuit 1364 & 1451)	5/10/2021	460,000.00	460,000.00	-	5,208	454,792	04/13/21	1%	1%	Work order went to Board on 05/10/21.
Subtotal of RECURRING/OBLIGATION TO SERVE				11,810,000	2,959,596	8,932,459	2,877,541				
System Automation											
1707248	Advanced Metering Infrastructure - Electric	06/12/17	11,180,991	11,180,991	5,317,895	8,140,120	3,040,871	08/26/19	73%	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)	05/17/21	101%	98%	In implementation phase. It will be complete by July 17, 2021.
1911437	Citywide Geographic Information System Tech. Upgrade Project	12/10/18	1,206,521	480,000	-	-	480,000	11/07/18	1%	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%	99%	Completed, Pending Closure.
1916742	Phase 1 LED Conversion	06/24/19	8,560,000	8,560,000	2,096,397	4,105,944	4,454,056	05/28/20	48%	1%	In Design / Contract Admin.
1718078	Streetlight Replacement Project- Phase 3	07/22/19	1,849,000	1,849,000	256,393	791,543	1,057,457	05/27/21	43%	52%	In Construction.
Subtotal of SYSTEM AUTOMATION				24,764,515	7,669,789	15,726,252	9,038,263				
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).
2119615	Underground conduit installation (Phase I)	05/10/21	669,000	669,000	1,200	1,200	667,800	05/27/21	0%	10%	In construction with Public Works.
Subtotal of OTHER PROJECT				9,528,000	14,947	8,803,393	724,607				
RTRP											
050009/01	Riverside Transmission Reliability Project (RTRP) (5)	01/20/06	216,515,521	216,515,521	6,548,204	50,923,601	165,591,920	09/22/20	24%	19%	Phase I construction (69kV) in progress, remaining project pieces in Planning and Design stages.
Subtotal of RTRP				216,515,521	6,548,204	50,923,601	165,591,920				
GRAND TOTAL ELECTRIC FUND - Open Work Orders				312,344,016	24,809,542	118,477,362	193,866,654				

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Project / Subproject or WO	Project Description	Board	Board		Year to Date	Life to Date			Job Status		Project Status
		Approval	Approved	Project	Total	Total	Available	Last	(Based on Proj. Est.)		
					as of	as of	Balance	Activity	% Spent	% Completed	
		Date	Estimate ⁽¹⁾	Estimate ⁽²⁾	6/30/2021	6/30/2021		Date			

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 0809099 & 0809101
- (4) Work includes both WO 0704432 & 0704434
- (5) Work includes WO 642975, Subwo's 2001119, 2006768, 2016660, 2026813, 2105854, 2111094, 2117630.

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.

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