CITY OF RIVERSIDE
510 - ELECTRIC FUND
FY 2018-23 FIVE-YEAR PLAN

CATEGORY		DESCRIPTION	2016-17 2017-18		2018-19		2019-20		2020-21		2021-22		2022-23	
CAI	EGORT	DESCRIPTION	ACTUALS	PROJECTED	PRELIM.	%	PRELIM.	%	PROJ.	%	PROJ.	%	PROJ.	%
	i lojeeteu eusteinei	Residential	117,661,960	120,531,558	116,689,000	-3.2%	120,144,000	3.0%	123,535,000	2.8%	127,259,000	3.0%	131,283,000	3.2%
RETAIL SALES	usage & growth, includes impacts of	Commercial	71,455,729	71,840,370	72,519,000	0.9%	75,270,000	3.8%	78,226,000	3.9%	81,479,000	4.2%	85,271,000	4.7%
	proposed 5-year rate	Industrial	115,432,048	117,136,119	120,886,000	3.2%	126,694,000	4.8%	132,505,000	4.6%	138,614,000	4.6%	145,044,000	4.6%
	plan	Other	4,782,113	4,791,156	4,812,000	0.4%	4,819,000	0.1%	4,832,000	0.3%	4,844,000	0.2%	4,857,000	0.3%
		TOTAL RETAIL SALES	309,331,850	314,299,204	314,906,000	0.2%	326,927,000	3.8%	339,098,000	3.7%	352,196,000	3.9%	366,455,000	4.0%
	Projected generation													
	load and projected													
TRANSMISSION	Transmission Revenue	Transmission Revenue	35,496,649	35,264,632	36,202,799	2.7%	37,058,719	2.4%	37,758,000	1.9%	38,575,000	2.2%	39,422,000	2.2%
REVENUES	Requirement Rate													
	rioquiomont riaco		05 400 040	05 004 000	00.000 700	0.70/	07.050.740	0.40/	07 750 000	4.00/	00 575 000	0.00/	00, 100, 000	0.00/
		TOTAL TRANSMISSION REVENUES	35,496,649	35,264,632	36,202,799	2.7%	37,058,719	2.4%	37,758,000	1.9%	38,575,000	2.2%	39,422,000	2.2%
		Cap and Trade Auction Proceeds	6,880,935	6,360,000	7,807,000	22.8%	8,427,000	7.9%	4,405,000	-47.7%	-	N/A		N/A
	Regulatory	Renewable Energy Credit Sales	1,837,500	660,000	1,969,000	N/A	2,415,000	22.7%	1,107,000	-54.2%	-	N/A	-	N/A
THER OPERATING	requirements/ rules, contractual	Miscellaneous Service Revenues	3,427,574	3,561,060	3,333,926	-6.4%	3,333,926	0.0%	3,400,605	2.0%	3,468,617	2.0%	3,537,989	2.0%
REVENUES	a second second second second	Scheduling Coordinator Services	734,326	750,952	752,164	0.2%	753,393	0.2%	764,694	1.5%	776,164	1.5%	787,807	1.5%
	historical revenues	Other Operating Revenues	29,123	21,300	139,300	554.0%	139,300	0.0%	139.300	0.0%	139.300	0.0%	139,300	0.0%
		TOTAL OTHER OPERATING REVENUES	12,909,458	11,353,312	14,001,390	23.3%	15,068,619	7.6%	9,816,599	-34.9%	4,384,081	-55.3%	4,465,096	1.8%
	Contractual	Interest Income	1,808,522	4,396,100	5,451,800	24.0%	5,717,300	4.9%	6,540,000	14.4%	6,713,000	2.6%	6,811,000	1.5%
NON-OPERATING		Property Lease Revenues	2,202,674	2,212,881	2,428,409	9.7%	2,430,422	0.1%	2,432,044	0.1%	2,433,699	0.1%	2,435,386	0.1%
REVENUES	revenue history	Other Non-Operating Revenues	5,397,804	3,238,536	848,534	-73.8%	848,634	0.0%	853,602	0.6%	858,669	0.6%	863,838	0.6%
		TOTAL NON-OPERATING REVENUES	9,409,000	9,847,517	8,728,743	-11.4%	8,996,356	3.1%	9,825,646	9.2%	10,005,368	1.8%	10,110,224	1.0%
	Bude to the state to													
CAPITAL	Projected trends in development	Capital Contributions - Cash	2,366,716	1,900,000	2,100,000	10.5%	2,300,000	9.5%	2,450,000	6.5%	2,550,000	4.1%	2,650,000	3.9%
CONTRIBUTIONS	development	TOTAL CAPITAL CONTRIBUTIONS	2.366.716	1.900.000	2 4 00 000	10.5%	2 200 000	9.5%	2.450.000	6.5%	2.550.000	4.1%	2.650.000	3.9%
		TOTAL CAPITAL CONTRIBUTIONS	2,366,716	1,900,000	2,100,000	10.5%	2,300,000	9.5%	2,450,000	6.5%	2,550,000	4.1%	2,650,000	3.9%
			1											
PUBLIC BENEFITS	2.85% of Retail Sales	Public Benefits Charge	8,879,976	9,116,923	9,133,894	0.2%	9,443,790	3.4%	9,664,000	2.3%	10,038,000	3.9%	10,444,000	4.0%
OBEIO BEINEI ITO			0.070.070	0.440.000	0.400.004	0.00/	0,440,700	0.40/	0.004.000	0.00/	40,000,000	0.00/	40.444.000	1.00/
		TOTAL PUBLIC BENEFITS CHARGE	8,879,976	9,116,923	9,133,894	0.2%	9,443,790	3.4%	9,664,000	2.3%	10,038,000	3.9%	10,444,000	4.0%
		Use of Bond Proceeds for CIP	-	-	22,429,000	N/A	27,586,000	23.0%	30,969,000	12.3%	35,013,000	13.1%	40,433,000	15.5%
		Use of Electric Fund Reserves	21,226,339	17,207,859	16,402,577	19.7%	19,340,541	17.9%	23,519,686	21.6%	14,415,342	-38.7%	13,897,156	-3.6%
		Line (Increase) of Dublic Departit Fund Departure	(4.077.000)	(04.000)	6.625.170	19.7%	6.236.551	-5.9%	-	N/A		N/A	-	N/A
OTHER FINANCING	Bond Proceeds and	Use (Increase) of Public Benefit Fund Reserves	(1,277,883)	(64,333)	6,625,170	19.7%	6,236,551	-5.9%	-	N/A	-	N/A	-	N/A
SOURCES	Use of Reserves	Transfers from Undesignated Reserves:		-										
		Net transfers to Designated Reserves per Fiscal Policies	(13,106,000)	-										
		Transfer to Designated Bond Defeasance Reserve per CC approval Net transfers to Restricted Reserves (legal & regulatory)	(11,245,000) (5,542,000)	-										
		TOTAL OTHER FINANCING SOURCES	(5,542,000)	17.143.526	45.456.747	165.2%	53.163.092	17.0%	54.488.686	2.5%	49,428,342	-9.3%	54.330.156	9.9%
		TOTAL REVENUES AND OTHER FINANCING SOURCES	368.449.105	398.925.114	430.529.573	7.9%	452.957.576	5.2%	463.100.931	2.2%	467.176.791	0.9%	487.876.476	4.4%

CATEGORY		DESCRIPTION	2016-17	2017-18	2018-19	)	2019-20 PRELIM. %		2020-21 PROJ. %		2021-22 PROJ. %		2022-23 PROJ.	
			ACTUALS	PROJECTED	PRELIM.	%								
	Deced on Destaubie	Salaries	32,954,008	36,373,768	43,507,441	19.6%	46,276,986	6.4%	48,290,668	4.4%	49,325,595	2.1%	49,711,809	
	Based on Partership Compensation Model		4,244,378	3,898,410	3,862,564	-0.9%	3,991,087	3.3%	4,070,909	2.0%	4,152,326	2.0%	4,235,371	
SONNEL	and Memorandums	CalPERS	9,776,650	10,886,291	13,098,497	20.3%	14,700,393	12.2%	16,084,077	9.4%	17,454,334	8.5%	18,752,533	_
	of Understanding	Benefits & Other	7,357,764	7,817,711	8,163,634	4.4%	8,773,175	7.5%	8,507,657	-3.0%	8,730,420	2.6%	8,938,158	
	-	TOTAL PERS		58,976,180	68,632,136	16.4%	73,741,641	7.4%	76,953,311	4.4%	79,662,675	3.5%	81,637,871	-11
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	Projected load,													
	contractual	Transmission	58,883,839	60,745,970	61,223,000	0.8%	64,378,000	5.2%	65,913,000	2.4%	65,855,000	-0.1%	68,306,000	
OWER	agreements and						-							$\vdash$
UPPLY	projected energy	Purchased Power	124,330,738	131,892,379	144,561,933	9.6%	152,914,491	5.8%	158,220,000	3.5%	151,119,000	-4.5%	152,814,000	
	prices							_						
		TOTAL POWER S	UPPLY 183,214,577	192,638,349	205,784,933	6.8%	217,292,491	5.6%	224,133,000	3.1%	216,974,000	-3.2%	221,120,000	
		Generating Plant Maintenance	2,122,910	3,053,000	3.497.987	14.6%	3.391.701	-3.0%	3.459.535	2.0%	3.528.726	2.0%	3.599.300	
		Professional Services	3.891.042	6,500,705	6.906.722	6.2%	6.697.223	-3.0%	6.831.167	2.0%	6,967,791	2.0%	7,107,147	-
		Maintenance/Repair	3,927,147	5,381,436	5,276,730	-1.9%	5,333,495	1.1%	5,440,165	2.0%	5,548,968	2.0%	5,659,948	
		Equipment Rental and Fuel Costs	1,407,194	1,335,736	1,489,862	11.5%	1,556,757	4.5%	1,587,892	2.0%	1,619,650	2.0%	1,652,043	
		Building Rental	1,069,567	1,110,000	1,112,440	0.2%	1,167,138	4.9%	1,190,481	2.0%	1,214,290	2.0%	1,238,576	
		Technology-Licences, Maint., Replacements and Supplies	1,104,573	2,616,900	2,866,636	9.5% 45.4%	3,134,955	9.4%	3,552,307	13.3%	3,857,542	8.6%	4,767,053 1,366,592	-
		Insurance Telephone and Utilities	885,010 1,043,057	950,692 1,228,486	<u>1,382,029</u> 1,312,671	6.9%	1,287,770 1,367,956	-6.8% 4.2%	<u>1,313,525</u> 1,395,315	2.0%	1,339,796 1,423,221	2.0%	1,451,686	+
	Includes increases	Maintenance/Safety/Special Department Supplies	794,523	1,016,618	1,245,367	22.5%	1,245,730	0.0%	1,270,645	2.0%	1,296,057	2.0%	1,321,979	t
	based on historical	Printing and Postage	796,926	878,852	845,700	-3.8%	845,800	0.0%	862,716	2.0%	879,970	2.0%	897,570	
	CPI, internal policies, historical trends,	Meeting, Travel and Training	567,623	734,632	945,593	28.7%	945,593	0.0%	964,505	2.0%	983,795	2.0%	1,003,471	
RATING &	contractual	Outside Legal Services	615,199	855,200	705,000	-17.6%	705,000	0.0%	719,100	2.0%	733,482	2.0%	748,152	4
TENANCE	agreements, General	General Office Expense	322,378	351,897	384,050	9.1%	384,050	0.0%	391,731	2.0%	399,566	2.0%	407,557	<u> </u>
0&M)	Fund Cost Allocation	Periodicals and Dues Advertising	354,139 155,908	368,194 215,060	371,671 112,150	0.9%	376,156 112,150	1.2%	383,679 114,393	2.0%	391,353 116.681	2.0%	<u>399,180</u> 119,014	+
	Plan and Utilization	Community Support	235,907	187.600	174.333	-7.1%	174.333	0.0%	177.820	2.0%	181.376	2.0%	185.004	+
	Charges	Other Miscellaneous Operating	425,860	361,972	250,550	-30.8%	250,550	0.0%	255,561	2.0%	260,672	2.0%	265,886	-
		Allowance for Uncollectibles	551,637	900,000	900,000	0.0%	900,000	0.0%	1,017,000	13.0%	1,057,000	3.9%	1,099,000	
		Mission Square Building - Replacement/Improvement	333,488	100,000	600,000	N/A	225,000	-62.5%	550,000	144.4%	-	-100.0%	-	
		Other Facilities - Replacement/Improvement	331,135	500,000	-	N/A	-	N/A	-	N/A	-	N/A	-	_
		Equipment Purchases/Replacements General Fund Allocation Charges	701,354 11,667,664	638,715 11,721,659	12,601,572	N/A 7.5%	13,367,280	N/A 6.1%	765,000 13,942,519	N/A 4.3%	460,000 14,472,429	-39.9% 3.8%	792,000 14,827,122	
		Charges from Others	1,470,090	1,743,074	3,017,618	73.1%	3,407,505	12.9%	3,475,655	2.0%	3,545,168	2.0%	3,616,072	
		Charges to Others	(20,910,764)	(20,046,042)	(23,577,173)	17.6%	(24,670,442)	4.6%	(25,163,851)	2.0%	(25,667,128)	2.0%	(26,180,470)	
		TOTAL OPERATING & MAINTER	NANCE 13,863,567	22,704,386	22,421,508	-1.2%	22,205,700	-1.0%	24,496,861	10.3%	24,610,406	0.5%	26,343,878	
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		Overhead			8,000,974	N/A	7,387,248	-7.7%	6,686,833	-9.5%	7,719,518	15.4%	7,524,313	_
		Underground Substation			6,476,984 5,253,096	N/A N/A	5,657,391 4,967,625	-12.7% -5.4%	8,402,797 5,354,255	48.5% 7.8%	11,968,115 4,261,624	42.4%	15,434,003 5,385,639	
	Rate Plan Proposal	Recurring/Obligation to Serve			6,611,328	N/A	10,738,164	62.4%	11,044,201	2.8%	11,358,962	2.9%	11,682,693	
CIP	Modified Option 1	System Automation			6,048,570	N/A	5,666,095	-6.3%	6,980,115	23.2%	7,409,219	6.1%	8,406,330	
		City-Wide IT Projects			266,713	N/A	235,079	-11.9%	82,678	-64.8%	-		-	
				00.001.005										
		Capital Expenditures TOTAL CAPITAL O	27,788,654 UTLAY 27,788,654	33,094,800 33,094,800	32,657,665	-1.3%	34,651,602	6.1%	38,550,879	11.3%	42,717,438	10.8%	48,432,978	
		TOTAL CAPITAL O	UTLAT 21,766,034	55,094,800	32,037,005	-1.3%	34,031,002	0.176	36,330,679	11.3%	42,717,430	10.8%	40,432,976	
_		Other Debt Related Charges	879,700	406,000	551,000	35.7%	692,000	25.6%	784,000	13.3%	798,000	1.8%	783,999	
	Appual prinais -1.9	Bonds Principal	16,624,948	15,676,436	16,463,436	5.0%	19,014,596	15.5%	18,828,500	-1.0%	19,492,628	3.5%	23,150,699	
DEBT	Annual principal & interest payments	Bonds Interest	24,031,751	25,419,773	26,673,315	4.9%	28,070,373	5.2%	26,913,828	-4.1%	28,616,692	6.3%	30,283,702	
RVICE	interest payments	Capital Equipment Lease Principal	789,052	809,000	824,309	1.9%	829,532	0.6%	534,951	-35.5%	545,749	2.0%	363,637	
		Capital Equipment Lease Interest TOTAL DEBT SE	92,063 RVICE 42,417,514	75,000 42,386,209	56,807 44,568,867	-24.3% 5.1%	38,600 48,645,101	-32.1% 9.1%	24,001 47,085,280	-37.8% -3.2%	13,203 49,466,272	-45.0% 5.1%	2,712 54,584,749	
		TOTAL DEBT SE	42,417,514	42,386,209	44,000,007	3.1%	46,645,101	9.1%	47,085,280	-3.2%	49,400,272	3.1%	54,584,749	
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RAL FUND	11.5% of prior year	General Fund Transfer	39,229,900	40,072,600	40,705,400	1.6%	40,740,700	0.1%	42,217,600	3.6%	43,708,000	3.5%	45,313,000	
ANSFER	operating revenues													
		TOTAL GENERAL FUND TRA	NSFER 39,229,900	40,072,600	40,705,400	1.6%	40,740,700	0.1%	42,217,600	3.6%	43,708,000	3.5%	45,313,000	
	Planned programs	Public Benefit Program	7,602,093	9,052,590	15,759,064	74.1%	15,680,341	-0.5%	9,664,000	-38.4%	10,038,000	3.9%	10,444,000	
OGRAM		TOTAL PUBLIC BENEFIT PRO	OGRAM 7,602,093	9,052,590	15,759,064	74.1%	15,680,341	-0.5%	9,664,000	-38.4%	10,038,000	3.9%	10,444,000	£
														_
		TOTAL EXPENDITURES AND TRANSFE	R-OUT 368,449,105	398,925,114	430,529,573	7.9%	452,957,576	5.2%	463,100,931	2.2%	467,176,791	0.9%	487,876,476	

CITY OF RIVERSIDE 510 - ELECTRIC FUND

## CITY OF RIVERSIDE 510 - ELECTRIC FUND FY 2018-23 FIVE-YEAR PLAN

CATEGORY		DESCRIPTION	2016-17	2017-18	2018-19		2019-20		2020-21		2021-22		2022-23	
		DESCRIPTION	ACTUALS	PROJECTED	PRELIM.	%	PRELIM.	%	PROJ.	%	PROJ.	%	PROJ.	%
		Undesignated Cash Reserves	175,181,410	167,167,000	170,937,000	2.3%	155,160,000	-9.2%	136,627,000	-11.9%	123,670,000	-9.5%	114,919,000	-7.1%
		Designated Cash Reserves												
	Unrestricted Cash Reserves	Customer deposits	4,385,324	4,385,000	4,385,000	0.0%	4,385,000	0.0%	4,385,000	0.0%	4,385,000	0.0%	4,385,000	0.0%
RESERVES		Reliability fund	54,242,459	62,258,000	60,809,000	-2.3%	59,997,000	-1.3%	59,081,000	-1.5%	49,994,000	-15.4%	40,552,000	-18.9%
		Mission Square improvement fund	733,400	1,236,000	1,149,000	-7.0%	1,447,000	25.9%	1,431,000	-1.1%	1,976,000	38.1%	2,531,000	28.1%
RESERVES	Reserves	Capital repair/replacement reserve	3,118,959	4,919,000	6,000,000	22.0%	6,000,000	0.0%	6,000,000	0.0%	6,000,000	0.0%	6,000,000	0.0%
		Decommissioning reserve	6,589,535	8,171,000	9,752,000	19.3%	11,333,000	16.2%	12,914,000	14.0%	14,495,000	12.2%	16,076,000	10.9%
		Dark fiber reserve	-	1,800,000	1,800,000	0.0%	1,800,000	0.0%	1,800,000	0.0%	1,800,000	0.0%	1,800,000	0.0%
		Bond defeasance reserve	11,244,909	-	-	N/A	-	N/A	-	N/A	-	N/A	-	N/A
		TOTAL UNRESTRICTED CASH BALANCE	255,495,996	249,936,000	254,832,000	2.0%	240,122,000	-5.8%	222,238,000	-7.4%	202,320,000	-9.0%	186,263,000	-7.9%