

2020

# FINANCIAL REPORT



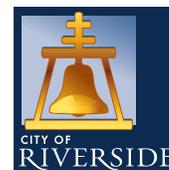
R I V E R S I D E P U B L I C U T I L I T I E S

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[RiversidePublicUtilities.com](http://RiversidePublicUtilities.com)

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WATER | ENERGY | LIFE



PUBLIC UTILITIES



# OVERVIEW

Riverside Public Utilities generates, transmits and distributes electricity to a 90-square-mile territory that includes the City of Riverside. We also deliver water to a 74.2-square-mile territory covering the majority of the City of Riverside.

The Board of Public Utilities is comprised of nine volunteers who live in all seven wards of the City of Riverside. They are appointed by the City Council to four-year terms without compensation. Board members oversee Riverside Public Utilities' policies, operations, revenues, expenditures, planning, and regulatory compliance. They provide an ongoing, year-round review of all actions by Riverside Public Utilities before any measure is sent to the elected City Council representatives for final determination.

## SERVICE AREA POPULATION

328,096

## RECORD PEAK DEMAND

Energy: 640 megawatts

8/31/2017

Water: 118,782,000 million gallons

8/9/2005

## TOTAL OPERATING REVENUE

Energy: \$367.1 million

Water: \$69.7 million

## CUSTOMERS

Energy: 111,161

Water: 66,031

## CREDIT RATING

Energy: AA- Fitch

AA- S&P Global

Water: AA+ Fitch

AAA S&P Global

Aa2 Moody's

WATER | ENERGY | LIFE



PUBLIC UTILITIES

[RiversidePublicUtilities.com](http://RiversidePublicUtilities.com)

# OUR MISSION

The City of Riverside Public Utilities Department is committed to the highest quality water and electric services at the lowest possible rates to benefit the community.

# OUR TEN-YEAR VISION

Our customers will recognize Riverside Public Utilities as a unique community asset with a global reputation for innovation, sustainability and an enhanced quality of life.

# OUR CORE VALUES

Safety

Honesty and Integrity

Teamwork

Professionalism

Quality Service

Creativity and Innovation

Community Involvement

Environmental Stewardship

Inclusiveness and Mutual Respect

# OUR FOCUS AREAS

## RELIABILITY & RESILIENCY

Taking care of our infrastructure, so that it remains safe, and efficient.

## AFFORDABILITY

Thriving financially while balancing affordable rates for our customers.

## SUSTAINABILITY

Ensuring adequate power and water supply in the most environmentally responsible manner.

## CUSTOMER EXPERIENCE

Continuing to provide reliable customer-centered service every day.

## OPERATIONAL EXCELLENCE

Implementing new technologies that will enhance the customer experience and ensure the tradition of operational excellence.

## STRONG WORKFORCE

Developing and supporting a workforce that is safe, prepared and engaged.

# OUR THREE-YEAR GOALS

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1. Contribute to the City of Riverside's economic development while preserving RPU's financial strength.
2. Maximize the use of technology to improve utility operations.
3. Impact positive legislation and regulations at all levels of government.
4. Develop and implement electric and water resource plans.
5. Create and implement a workforce development plan.

# OUR TEN-YEAR GOALS

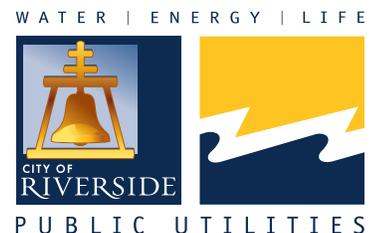
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1. Employ state-of-the-art technology to maximize reliability and customer service.
2. Foster economic development and job growth in the City of Riverside.
3. Communicate effectively the accomplishments, challenges and opportunities for the full utilization of our electric and water resources.
4. Develop fully our low-cost, sustainable, reliable electric and water resources.
5. Enhance the effective and efficient operation of all areas of the utility.

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## CITY COUNCIL

Patricia Lock Dawson  
Mayor

■ Erin Edwards  
Ward 1

■ Andy Melendrez  
Ward 2

■ Ronaldo Fierro  
Ward 3

■ Chuck Conder  
Ward 4

■ Gaby Plascencia  
Ward 5

■ Jim Perry  
Ward 6

■ Steve Hemenway  
Ward 7

## BOARD OF PUBLIC UTILITIES

■ David Crohn (Board Chair)  
Citywide / Ward 1

■ Peter Wohlgemuth  
Citywide / Ward 1

■ Ana Miramontes  
Ward 2

■ Elizabeth Sanchez-Monville  
(Board Vice Chair)  
Ward 3

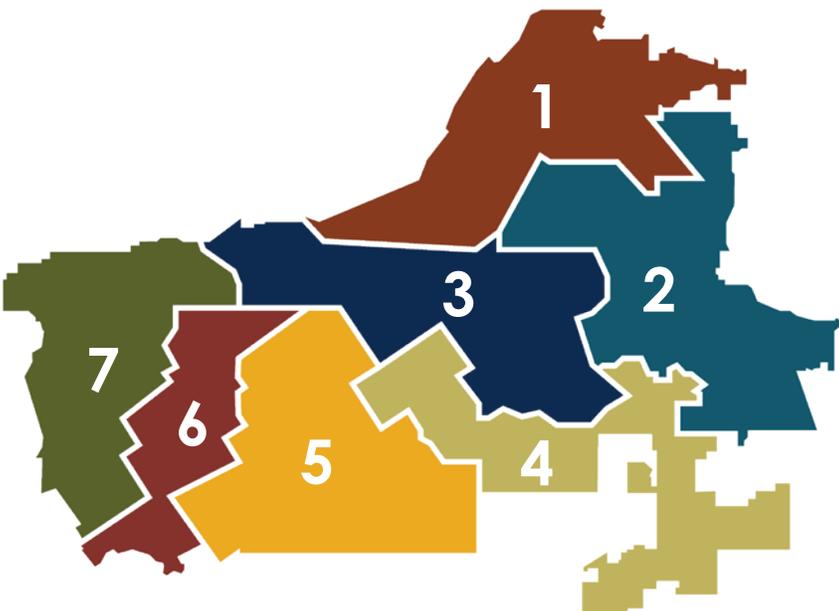
■ Jo Lynne Russo-Pereyra  
Citywide / Ward 4

■ David Austin  
Ward 4

■ Andrew Walcker  
Ward 5

■ Jeanette Hernandez  
Ward 6

■ Gil Ocegüera  
Ward 7



## EXECUTIVE MANAGEMENT

Al Zelinka  
City Manager

Todd Corbin  
Utilities General Manager

Daniel E. Garcia  
Utilities Assistant General Manager  
Resources

George Hanson  
Utilities Assistant General Manager  
Energy Delivery

Todd Jorgenson  
Utilities Assistant General Manager  
Water Delivery

Carlie Myers  
Utilities Assistant General Manager  
Business Systems and  
Customer Service

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# OUR ELECTRIC

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RIVERSIDE PUBLIC UTILITIES





## INDEPENDENT AUDITORS' REPORT

To the Honorable City Council and Board of Public Utilities  
City of Riverside, California

### **Report on the Financial Statements**

We have audited the accompanying financial statements of the Electric Utility Enterprise Fund (Electric Utility) of the City of Riverside, California, (the City) as of and for the year ended June 30, 2020 and 2019, and the related notes to the financial statements, as listed in the table of contents.

### ***Management's Responsibility for the Financial Statements***

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

### ***Auditor's Responsibility***

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.





To the Honorable City Council and Board of Public Utilities  
City of Riverside, California

### ***Opinions***

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the Electric Utility of the City, as of June 30, 2020 and 2019, the changes in financial position, and cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

### ***Emphasis of Matters***

As discussed in Note 1, the financial statements present only the Electric Utility and do not purport to, and do not present fairly the financial position of the City as of June 30, 2020 and 2019, the changes in its financial position, or, where applicable, its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America. Our opinion is not modified with respect to this matter.

### ***Other Matters***

#### *Required Supplementary Information*

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis, as listed in the table of contents, be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

#### *Other Information*

Our audit was conducted for the purpose of forming an opinion on the financial statements as a whole. The accompanying supplementary Electric Utility information is presented for purposes of additional analysis and are not a required part of the basic financial statements. Such information has not been subjected to the auditing procedures applied in the audit of the basic financial statements and, accordingly, we do not express an opinion or provide any assurance on them.

*Lance, Solt & Loughard, LLP*

Brea, California  
January 21, 2021

# **ELECTRIC UTILITY: MANAGEMENT'S DISCUSSION AND ANALYSIS**

As management of Riverside Public Utilities, a department of the City of Riverside (the City), we offer the readers this narrative overview and analysis of the 2019-20 financial report for the periods ended June 30, 2020 and 2019 for Riverside's Electric Utility (Electric Utility), an enterprise fund of the City. We encourage readers to consider the information presented here in conjunction with additional information furnished in our financial statements, which begin on page 30 of this report. All amounts, unless otherwise indicated, are expressed in thousands of dollars.

## **FINANCIAL HIGHLIGHTS**

- Operating expense reflects a non-cash pension accounting standard adjustment, which will continue to fluctuate based on yearly actuarial information provided by the California Public Employees' Retirement System. The adjustment was \$3,364 and (\$1,323) in June 30, 2020 and 2019, respectively.
- Operating expense reflects a non-cash other post-employment benefit (OPEB) other than pension accounting standard adjustment, which will continue to fluctuate yearly. The adjustment was \$490 and \$300 in June 30, 2020 and 2019, respectively.
- Retail sales, net of uncollectibles/recovery were \$308,823 and \$304,172 for years ended June 30, 2020 and 2019, respectively. The increase in sales was primarily due to an increase in residential sales and rate plan increases, offset by a decrease in commercial and industrial sales.
- Utility plant assets as of June 30, 2020 decreased by \$4,214 primarily due to an increase in current year depreciation, offset by an increase in additions and improvements to the Electric distribution infrastructure system to improve service and reliability to Electric Utility's customers
- Total net position as of June 30, 2020 increased by \$4,153 primarily due to positive operating results and capital contributions.

## **OVERVIEW OF THE FINANCIAL STATEMENTS**

This discussion and analysis is intended to serve as an introduction to the Electric Utility's financial statements. The Electric Utility is a department of the City, and its activities are recorded in a separate enterprise fund. These financial statements include only the activities for the Electric Utility and provide comparative information for the last two fiscal years. Information on city-wide financial results is available in the City's "Comprehensive Annual Financial Report."

The Electric Utility's financial statements are comprised of two components: 1) financial statements, and 2) notes to the financial statements. In addition, this report also contains other supplementary information to provide the reader additional information about the Electric Utility, including historical sales, operating activities, and other relevant data.

## OVERVIEW OF THE FINANCIAL STATEMENTS (CONTINUED)

Included as part of the financial statements are three separate statements, which collectively provide an indication of the Electric Utility's financial health.

The **Statements of Net Position** present information on all of the Electric Utility's assets, liabilities, deferred inflows and outflows of resources and net position. The Statements of Net Position provide information about the nature and amount of the Electric Utility's resources and obligations at a specific point in time.

The **Statements of Revenues, Expenses and Changes in Net Position** report all of the Electric Utility's revenues and expenses for the periods shown.

The **Statements of Cash Flows** report the cash provided and used by operating activities, as well as other cash sources, such as investment income and debt financing. They also report other cash uses such as payments for bond principal and capital additions and improvements.

The **Notes to the Financial Statements** provide additional information that is essential to a full understanding of the data provided in the financial statements. The Notes to the Financial Statements can be found on pages 34 to 74 of this report.

## ELECTRIC UTILITY FINANCIAL ANALYSIS

### CONDENSED STATEMENTS OF NET POSITION

	2020	2019	2018
Current and other assets	\$ 523,938	\$ 525,587	\$ 450,808
Capital assets	790,498	794,712	781,254
Deferred outflows of resources	116,883	46,663	50,285
Total assets and deferred outflows of resources	1,431,319	1,366,962	1,282,347
Long-term debt outstanding	662,290	616,130	531,567
Other liabilities	244,662	224,007	238,676
Deferred inflows of resources	9,482	16,093	6,692
Total liabilities and deferred inflows of resources	916,434	856,230	776,935
Net investment in capital assets	238,847	255,893	267,230
Restricted	54,572	47,876	48,906
Unrestricted	221,466	206,963	189,276
Total net position	\$ 514,885	\$ 510,732	\$ 505,412

### ASSETS AND DEFERRED OUTFLOWS OF RESOURCES

**2020 compared to 2019** The Electric Utility's total assets and deferred outflows of resources were \$1,431,319, reflecting an increase of \$64,357 (4.7%), primarily due to the following:

## ELECTRIC UTILITY FINANCIAL ANALYSIS (CONTINUED)

- Current and other assets, comprised of restricted and unrestricted assets, had a net decrease of \$1,649, primarily due to the use of \$23,827 in restricted bond proceeds to fund capital projects. The net decrease was offset by an increase of \$6,285 in unrestricted cash and cash equivalents, an increase of \$7,786 in restricted cash and cash equivalents, an increase of \$10,629 in accounts receivable, and favorable operating results.
- Capital assets decreased by \$4,214 primarily due to \$30,385 in current year depreciation, offset by an increase of \$26,507 in additions and improvements to the Electric distribution infrastructure system to improve service and reliability to Electric Utility's customers. Additional capital asset information can be found in the "Capital Assets and Debt Administration" section.
- Deferred outflows of resources increased by \$70,220 primarily due to the issuance of the 2020 Pension Obligation Bond Series A, of which, the Electric Utility's portion is \$66,119. Additionally, there was an increase in the fair market value of interest rate swaps. Additional information can be found in the "Interest Rate Swaps on Revenue Bonds" section of Note 4 Long-term Obligation.

**2019 compared to 2018** Total assets and deferred outflows of resources were \$1,366,962, a net increase of \$84,615 (6.6%). Current and other assets had a net increase of \$74,779, primarily due to the \$283,325 issuance of the 2019 Electric Revenue Series A Bonds, which partially refunded the 2008 Electric Revenue Series A and C Bonds, fully refunded the 2008 Electric Revenue Series D Bonds, and finance capital projects for the Electric Utility. The net increase was also due to an increase of \$18,762 in unrestricted cash and cash equivalents, offset by the use of bond proceeds to fund capital projects. Capital assets increased by \$13,458 primarily due to an increase of \$10,832 in additions and improvements to the Electric distribution infrastructure system to improve service and reliability to Electric Utility's customers, along with a slight increase in donated land rights and easement for general access to electrical system assets. Deferred outflows of resources decreased by \$3,622 primarily due to pension related adjustments, which included the changes in assumptions and the change in projected versus actual earnings on pension plan investments as determined by the plan actuary.

### LIABILITIES AND DEFERRED INFLOWS OF RESOURCES

**2020 compared to 2019** The Electric Utility's total liabilities and deferred inflows of resources were \$916,434, an increase of \$60,204 (7.0%), due to the following:

- Long-term debt outstanding increased by \$46,160 primarily due to the issuance of the 2020 Pension Obligation Bond Series A, offset by a decrease in revenue bonds payable and leases payable. Additional debt information can be found in the "Capital Assets and Debt Administration" section.
- Other liabilities increased by \$20,655 primarily due to an increase of \$5,324 in net pension liability, an increase of \$8,414 due to an increase in the fair market value of interest rate swaps, and an increase of \$5,717 in the current portion due of long-term bond payables.
- Deferred inflows of resources decreased by \$6,611 primarily due to pension related adjustments, which included the changes in assumptions, the differences between expected and actual experience and the change in projected versus actual earnings on pension plan investments as determined by the plan actuary.

**2019 compared to 2018** Total liabilities and deferred inflows of resources were \$856,230, an increase of \$79,295 (10.2%). Long-term debt outstanding increased by \$84,562 primarily due to the issuance of the 2019 Electric Revenue Series A Bonds, which was partially offset by the partial refunding of the 2008 Electric Revenue Series A and C Bonds and the full refunding of the 2008 Electric Revenue Series D Bonds. Other liabilities decreased by \$14,669 primarily due to a decrease of \$24,418 in net pension liability, offset by an increase of \$7,410 in accounts payable and other accruals. Deferred inflows of resources increased by \$9,401 primarily due to pension related adjustments, which included the changes in assumptions, the differences between expected and actual experience, and the change in projected versus actual earnings on pension plan investments as determined by the plan actuary.

# ELECTRIC UTILITY FINANCIAL ANALYSIS (CONTINUED)

## NET POSITION

**2020 compared to 2019** The Electric Utility's net position, which represents the difference between the Electric Utility's total assets and deferred outflows of resources less total liabilities and deferred inflows of resources, totaled \$514,885, an increase of \$4,153 (0.8%) which is primarily attributed to positive operating results and capital contributions. The following represents the changes in components of Net Position:

- The largest portion of the Electric Utility's total net position, \$238,847 (46.4%), reflects its investment in capital assets less any related outstanding debt used to acquire those assets. This portion decreased by \$17,046 primarily due to an increase in long-term debt, the current portion of long-term debt, and a decrease in utility plant. Additional capital asset information can be found in the "Capital Assets and Debt Administration" section.
- The restricted portion of net position totaled \$54,572 (10.6%), an increase of \$6,696, and represents resources that are subject to external restrictions on how they may be used. These are reserved for items such as debt payments, Public Benefit Programs, and other legally restricted assets.
- The unrestricted portion of net position totaled \$221,466 (43.0%) an increase of \$14,503 from prior year, primarily attributable to the use of bond proceeds to fund capital projects, positive operating results, and a reimbursement from Southern California Edison related to the Riverside Transmission Reliability Project. Unrestricted net position may be used to meet the Electric Utility's ongoing operational needs and obligations to customers and creditors.

**2019 compared to 2018** Total net position, increased by \$5,320 (1.1%), to a total of \$510,732. Net investment in capital assets decreased by \$11,337 primarily due to an increase in long-term debt, offset by an increase in bond proceeds and utility plant. Restricted net position decreased by \$1,030 and the unrestricted portion increased by \$17,687 primarily attributable to the use of bond proceeds to fund capital projects and positive operating results.

# ELECTRIC UTILITY FINANCIAL ANALYSIS (CONTINUED)

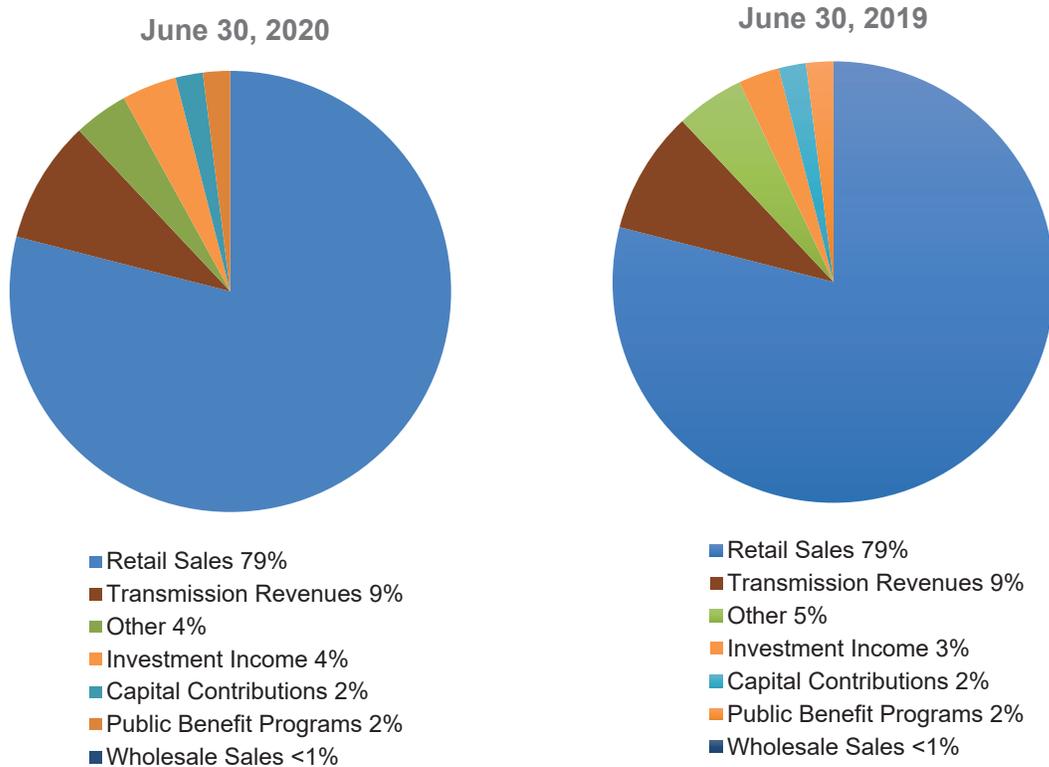
## CONDENSED STATEMENTS OF CHANGES IN NET POSITION

	2020	2019	2018
Revenues:			
Retail sales, net	\$ 308,823	\$ 304,172	\$ 305,969
Wholesale sales	-	344	2
Transmission revenues	34,817	35,730	37,484
Investment income	14,032	13,372	2,567
Other revenues	15,845	17,397	18,922
Public Benefit Programs	9,478	9,292	8,860
Capital contributions	9,492	6,383	20,182
<b>Total revenues</b>	<b>392,487</b>	<b>386,690</b>	<b>393,986</b>
Expenses:			
Production and purchased power	157,540	155,264	136,423
Transmission	58,830	64,443	62,981
Distribution	64,546	58,729	67,436
Public Benefit Programs	6,440	8,933	7,820
Depreciation	35,151	34,471	33,585
Interest expenses and fiscal charges	26,269	25,053	24,129
<b>Total expenses</b>	<b>348,776</b>	<b>346,893</b>	<b>332,374</b>
Transfers to the City's general fund	(39,558)	(39,886)	(40,073)
<b>Changes in net position</b>	<b>4,153</b>	<b>(89)</b>	<b>21,539</b>
Net position, July 1, as previously reported	510,732	505,412	484,201
Less: Cumulative effect of change in accounting principle <sup>(1)</sup>	-	5,409	(328)
Net position, July 1, as restated	510,732	510,821	483,873
<b>Net position, June 30</b>	<b>\$ 514,885</b>	<b>\$ 510,732</b>	<b>\$ 505,412</b>

<sup>(1)</sup> For the implementation of postemployment benefits other than pensions, GASB Statement No. 75, for the year ended June 30, 2018, and restatement of pension allocation, GASB Statement No. 68, for the year ended June 30, 2019.

# ELECTRIC UTILITY FINANCIAL ANALYSIS (CONTINUED)

## REVENUES BY SOURCES



**2020 compared to 2019** The Electric Utility's total revenues of \$392,487 increased by \$5,797 (1.5%) with changes in the following:

- Retail sales (residential, commercial, industrial, and others), net of uncollectibles/recovery, totaled \$308,823, a \$4,651 (1.5%) increase. Retail sales continue to be the primary revenue source for the Electric Utility. The increase in sales was primarily due an increase in residential sales and rate plan increases, offset by a decrease in commercial and industrial sales.
- Transmission revenues of \$34,817 decreased by \$913 (2.6%), primarily due to a slight decrease in the load requirements and a decrease in the average Transmission Revenue Requirement rate of \$0.32 per megawatt hour.
- Investment income of \$14,032 increased by \$660 (4.9%) due to a higher overall interest rate in the current fiscal year.
- Other revenues of \$15,845 decreased by \$1,552 (8.9%), primarily due to a write-off for the bankruptcy filing of Ice Energy Holdings, Inc., as well as a decrease in SONGS settlement recoveries.

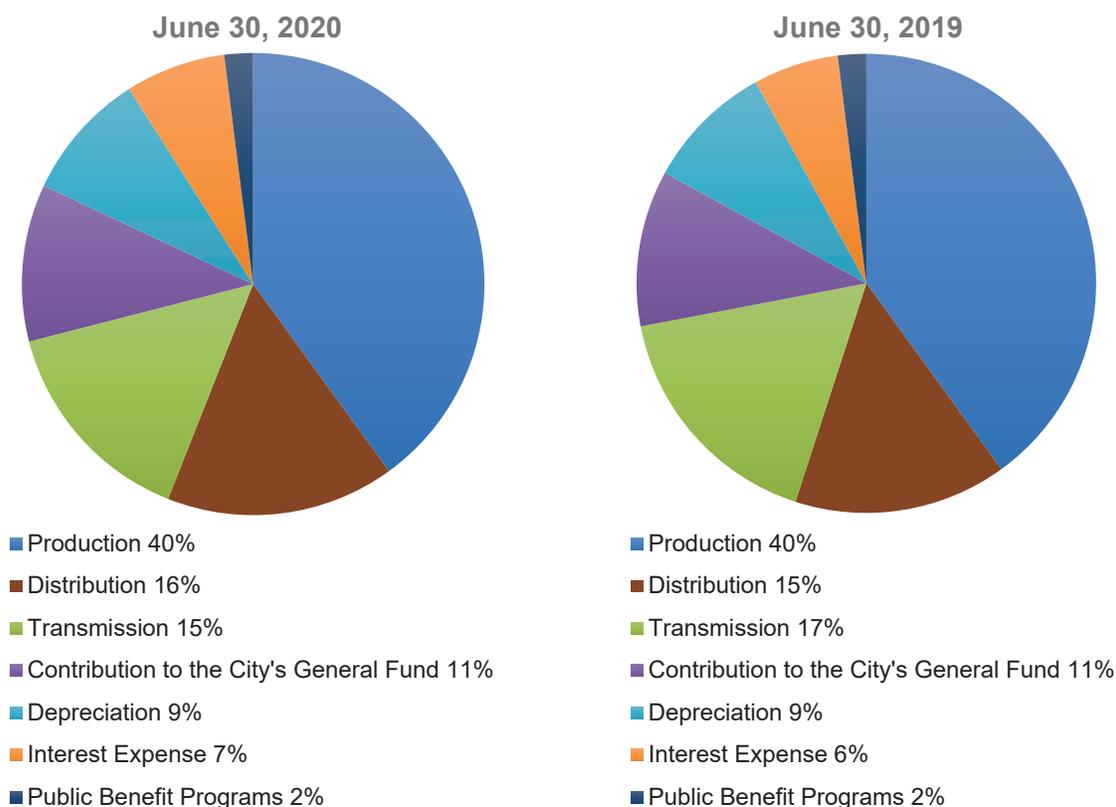
**2019 compared to 2018** The Electric Utility's total revenues of \$386,690 decreased by \$7,296 (1.9%) with changes in the following:

- Retail sales (residential, commercial, industrial, and others), net of uncollectibles/recovery, totaled \$304,172, a \$1,797 (0.6%) decrease. Retail sales continue to be the primary revenue source for the Electric Utility. The decrease in sales was primarily due a slight decrease in consumption.

## ELECTRIC UTILITY FINANCIAL ANALYSIS (CONTINUED)

- Transmission revenues of \$35,730 decreased by \$1,754 (4.7%), primarily due to a slight decrease in the load requirements as a result of a decrease in consumption.
- Investment income of \$13,372 increased by \$10,805 (420.9%) due to an increase in cash balances as a result of the 2019 Electric Revenue Series A Bonds and a higher overall interest rate in the current fiscal year.
- Other revenues of \$17,397 decreased by \$1,525 (8.1%), primarily due to a decrease settlement recoveries and refunds and reimbursements, offset by an increase in proceeds from sale of renewable energy credits.

### EXPENSES BY SOURCES



**2020 compared to 2019** The Electric Utility's total expenses, excluding general fund transfer, were \$348,776, an increase of \$1,883 (0.5%). The increase was primarily due to the following:

- Production and purchased power expenses of \$157,540 increased by \$2,276 (1.5%) primarily due to an increase in resource adequacy capacity purchases.
- Transmission expenses of \$58,830 decreased by \$5,613 (8.7%), mainly due to an unanticipated decrease in maintenance costs related to the Southern Transmission System and a decrease in Southern California Edison's high voltage rate for firm transmission.
- Distribution expenses of \$64,546 increased by \$5,817 (9.9%), mainly due to a non-cash pension credit adjustment of \$3,364 compared to prior year non-cash pension adjustment of (\$1,323) as a result of pension accounting standards.

## ELECTRIC UTILITY FINANCIAL ANALYSIS (CONTINUED)

- Depreciation expense of \$35,151 increased by \$680 (2.0%), reflecting the completion of capital projects and their current year depreciation.

**2019 compared to 2018** The Electric Utility's total expenses, excluding general fund transfer, were \$346,893, an increase of \$14,519 (4.4%). The increase was primarily due to the following:

- Production and purchased power expenses of \$155,264 increased by \$18,841 (13.8%) primarily due to an increase in power supply costs related to elevated market energy and natural gas prices during the summer season.
- Transmission expenses of \$64,443 increased by \$1,462 (2.3%), mainly due to increased maintenance costs related to the Southern Transmission System.
- Distribution expenses of \$58,729 decreased by \$8,707 (12.9%), mainly due to a non-cash pension credit adjustment of \$1,323 compared to prior year non-cash pension adjustment of \$9,056 as a result of pension accounting standards, offset by an overall increase in general operating expenses.
- Depreciation expense of \$34,471 increased by \$886 (2.6%), reflecting the completion of capital projects and their current year depreciation.

## TRANSFERS

Pursuant to the City of Riverside Charter, the Electric Utility may transfer up to 11.5 percent of prior year's gross operating revenues, including adjustments, to the City's general fund. The City uses these funds to help provide needed public services to the residents of the City, including police, fire, parks, libraries and other benefits. The Electric Utility transferred \$39,558 and \$39,886 for 2020 and 2019, respectively based on the gross operating revenue provisions in the City's Charter.

## CAPITAL ASSETS AND DEBT ADMINISTRATION

### CAPITAL ASSETS

The Electric Utility's investment in capital assets includes investments in production, transmission, and distribution related facilities, land, intangibles, construction in progress, as well as general items such as office equipment, furniture, etc.

The following table summarizes the Electric Utility's capital assets, net of accumulated depreciation, at June 30:

	2020		2019		2018
Production	\$ 165,198	\$	170,209	\$	178,597
Transmission	24,569		25,440		26,237
Distribution	396,498		389,552		375,143
General	64,505		67,250		68,674
Intangibles	11,077		13,274		15,366
Land	53,032		53,029		52,111
Intangibles, non-amortizable	10,651		10,651		10,651
Construction in progress	64,968		65,307		54,475
<b>Total capital assets</b>	<b>\$ 790,498</b>	<b>\$</b>	<b>794,712</b>	<b>\$</b>	<b>781,254</b>

## CAPITAL ASSETS AND DEBT ADMINISTRATION (CONTINUED)

**2020 compared to 2019** The Electric Utility's investment in capital assets, net of accumulated depreciation, was \$790,498, a decrease of \$4,214 (0.5%). The decrease resulted primarily from the current year depreciation, offset by the following significant capital projects:

- \$19,560 in recurring expenditures such as transformer replacements, improvements to the city-wide communications network, new 230 kV station expenditures, and the Riverside Transmission Reliability Project for additional generation import capability for a second point of interconnection with the State's high voltage transmission grid.
- \$10,711 in substation improvements, such as transformer additions and substation upgrades.
- \$5,390 in system automation improvements such as advanced metering infrastructure, and major streetlight projects.
- \$4,617 in donated underground electrical conduit, donated street lighting, and donated land rights and easement.

**2019 compared to 2018** Investment in capital assets, net of accumulated depreciation, was \$794,712, an increase of \$13,458 (1.7%). The increase resulted from \$31,731 in additions and improvements to the Electric system, \$1,736 in donated land rights and easements for general access to electrical system assets, \$3,086 in upgrades of lower voltage (4kV) electric distribution facilities to higher distribution voltage (12kV), and \$6,396 for the Riverside Transmission Reliability Project for additional generation import capability for a second point of interconnection with the State's high voltage transmission grid.

Additional information regarding capital assets can be found in Note 3 of the accompanying financial statements.

## DEBT ADMINISTRATION

The following table summarizes outstanding long-term debt as of June 30:

	2020	2019	2018
Revenue bonds	\$ 555,520	\$ 565,455	\$ 528,715
Unamortized premium	50,265	52,484	6,624
Capital leases	1,444	2,274	3,098
Pension obligation bonds	72,966	8,400	10,418
Less: Current portion of outstanding debt	(17,905)	(12,483)	(17,287)
Total	\$ 662,290	\$ 616,130	\$ 531,568

The Electric Utility's bond indentures require the Electric Utility to maintain a minimum debt service coverage ratio, as defined by the bond covenants, of 1.10. The Electric Utility's debt service coverage ratio was 2.62, 2.24, and 2.73 at June 30, 2020, 2019 and 2018, respectively. This debt is backed by the revenues of the Electric Utility. The prior years' debt service coverage ratio has been restated to exclude the non-cash other post-employment benefits related adjustment for required other post-employment benefit accounting standards. For additional information, see Note 4 of the accompanying financial statements and Key Historical Operating Data section.

**2020 compared to 2019** The Electric Utility's long-term debt increased by \$46,160 (7.5%) to \$662,290 as a result of issuance of the 2020 Pension Obligation Bond Series A. This is offset by current year principal payments and amortization of bond premiums.

**2019 compared to 2018** Long-term debt increased by \$84,562 (15.9%) to \$616,130 as a result of issuance of the 2019 Electric Revenue Series A Bonds, along with the principal payment for bond defeasance.

## CAPITAL ASSETS AND DEBT ADMINISTRATION (CONTINUED)

Additional information on the Electric Utility's long-term debt can be found in Note 4 of the accompanying financial statements.

### CREDIT RATINGS

The Electric Utility maintains a credit rating of "AA-" from S&P Global Ratings (S&P) and "AA-" from Fitch Ratings (Fitch).

In January 2019, S&P assigned its "AA-" rating on the Electric Utility's 2019A Refunding Electric System revenue bonds and affirmed its "AA-" long-term rating on the Electric Utility's outstanding fixed rate bonds. The rating reflects the Electric Utility's strong enterprise and financial risk profiles and the Electric Utility's diverse and low-cost resource portfolio, including an emphasis on renewable energy resources.

In March 2020, Fitch assigned its "AA-" rating on the Electric Utility's 2011A Refunding Electric System revenue bonds and affirmed its "AA-" long-term rating on the Electric Utility's outstanding fixed rate bonds. This rating is a result of the Electric Utility's evolving power resource portfolio, which is well positioned to meet California's increasing environmental regulations, stable financial performance and strong liquidity levels.

### REGULATORY, LEGISLATIVE FACTORS, AND RATES

Utilities are faced with ongoing regulatory and legislative mandates enacted at the federal and state level that will have significant impact on the operations of the Electric Utility.

#### ASSEMBLY BILL (AB) 32 - GLOBAL WARMING SOLUTIONS ACT OF 2006

AB 32, enacted in 2006, requires that utilities in California reduce their GHG emissions to 1990 levels by the year 2020. On September 8, 2016, the Governor of California expanded on this bill by approving Senate Bill 32 (SB 32), which requires the state board to ensure that statewide greenhouse gas emissions are reduced to 40% below the 1990 level by 2030.

AB 32 tasked the California Air Resources Board (CARB) to develop regulations for GHG which became effective January 1, 2012. Emission compliance obligations under the cap-and-trade regulation began on January 1, 2013. The Cap-and-Trade Program (Program) was implemented in phases with the first phase starting from January 1, 2013 to December 31, 2014. This phase placed an emission cap on electricity generators, importers and large industrial sources emitting more than 25,000 metric tons of carbon dioxide-equivalent greenhouse gases per year. In 2015, the program expanded to cover emissions from transportation fuels, natural gas, propane, and other fossil fuels. Since the enactment of AB 32, the Electric Utility has actively participated with major investor owned utilities and other publicly-owned utilities (POUs) to affect the final rules and regulations with respect to AB 32 implementation.

The Program requires electric utilities to have GHG allowances on an annual basis to offset GHG emissions associated with generating electricity. CARB will provide a free allocation of GHG allowances to each electric utility to mitigate retail rate impacts. Thereafter, the utilities are likely to be required to purchase allowances through the auction or on the secondary market to offset its associated GHG emissions. Each allowance can be used for compliance purposes in the current year or carried over for use in future year compliance. The Electric Utility's free allocation of GHG allowances is expected to be sufficient to meet the Electric Utility's direct GHG compliance obligations.

Any allowance not used for current year compliance or carried over for future use in compliance must be sold into the quarterly allowance auctions administered by CARB. Proceeds from the auctions must be used for the intended purposes as specified in AB 32 which include but are not limited to procurement of renewable resources, energy efficiency and conservation programs and measures that provide clear GHG

## REGULATORY, LEGISLATIVE FACTORS, AND RATES (CONTINUED)

reduction benefits. The Electric Utility is segregating the proceeds from the sales of allowances in the auctions as a restricted asset.

### SENATE BILL (SB) 1368 - EMISSION PERFORMANCE STANDARD

The state legislature passed SB 1368 in 2006, which mandates that electric utilities are prohibited from making long term financial commitments (commitments greater than five years in duration) for generating resources with capacity factors greater than 60 percent that exceed a GHG emission factor of 1,100 pounds per megawatt hour (lbs./MWh). SB 1368 essentially prohibits any long-term investments in generating resources based on coal. Thus, SB 1368 initially disproportionately impacted Southern California POU's as these utilities had heavily invested in coal technology. However, additional legislation such as SBX1-2, SB 350, SB 100, and SB 32 have now led to a gradual decrease in the generation of existing coal resources to serve load.

The City has ownership entitlement rights to 136 MW of the Intermountain Power Plant (IPP). IPP has a GHG emission factor of approximately 2,000 lbs. /MWh. Therefore, under SB 1368, the City is precluded from renewing its IPP Power Purchase Contract at the end of its term in June 2027.

Going forward, SB 1368 related issues are expected to have minimal impact to the CAISO markets as the percentage of California load served by coal resources is small. However, to the extent that significant numbers of coal plants throughout the western United States (U.S.) start to retire in the next 5 to 15 years, it is possible that there can be a tightening of supply throughout the western U.S. electricity market. In turn, this can lead to higher regional costs and potentially reduced system reliability.

### ASSEMBLY BILL (AB) 2514 - ENERGY STORAGE

AB 2514 "Energy Storage Systems" was signed into law on September 29, 2010. In 2012, AB 2227 amended the reporting timeline of the energy storage targets referenced in AB 2514. The law directs the governing boards of POU's to consider setting targets for energy storage procurement, but emphasizes that any such targets must be consistent with technological viability and cost effectiveness. The law's main directives for POU's and their respective deadlines are as follows: (a) to open a proceeding by March 1, 2012 to determine appropriate targets, if any, for the utility to procure viable and cost-effective energy storage systems, and (b) to adopt an energy storage system procurement target by October 1, 2014, if determined to be appropriate, to be achieved by the utility by December 31, 2016, and a 2<sup>nd</sup> target to be achieved by December 31, 2020. POU's were required to submit compliance reports to the CEC of their first adopted target by January 1, 2017. The utility's second adopted target compliance report is due to the CEC by January 1, 2021 and will be submitted by the end of December 2020.

Energy storage (ES) has been advocated as an effective means for addressing the growing operational problems of integrating intermittent renewable resources, as well as contributing to other applications on and off the grid. In general, ES is a set of technologies capable of storing previously generated electric energy and releasing that energy at a later time. Currently, the commercially available ES technologies (or soon to be available technologies) consist of pumped hydro generation, compressed air systems, batteries, and thermal ES systems.

On February 17, 2012, as per the statute, the City of Riverside's Board of Public Utilities opened a proceeding to investigate the various energy storage technologies available and determine if the City should adopt a 2016 energy storage procurement target. The City finished its investigation of energy storage pricing and benefits in September 2014 and adopted a zero megawatt target based on the conclusion that the viable applications of energy storage technologies and solutions at the time were not cost effective and outweighed the benefits that it might provide to our electrical system. The City must reevaluate its assessment not less than every three years and report to the CEC any modifications to its initial target resulting from this reevaluation.

## REGULATORY, LEGISLATIVE FACTORS, AND RATES (CONTINUED)

On March 3, 2015, City Council approved the Ice Bear Pilot program for 5 MW. The program is intended to reduce load during peak hours by shifting load to off-peak hours, improve energy efficiency, and demonstrate the City's proactive support of the State's energy storage goals. Additionally, on July 28, 2015, the City Council approved a 20-year power purchase agreement for the City to procure renewable energy from the Antelope DSR Solar Photovoltaic Project that includes a built-in energy storage option for the buyers to exercise during the first fifteen years of operation.

On December 12, 2016, Riverside submitted its first compliance report to the CEC describing Riverside's proactive efforts in investigating viable energy storage options in the market and conducting energy storage pilot projects within the City to fulfill its first adopted target. On September 26, 2017, after reevaluating its assessment of the first adopted energy storage procurement target of zero megawatts, the City approved and adopted the second energy storage procurement target of six megawatts for submittal to the CEC.

### **SENATE BILL (SB) 380 - MORATORIUM ON NATURAL GAS STORAGE - ALISO CANYON**

On October 23, 2015, a significant gas leak was discovered at the Aliso Canyon natural gas storage facility, which makes up 63% of total storage capacity and serves 17 gas fired power generation units. On May 10, 2016, the Governor of California signed SB 380 placing a moratorium on Aliso Canyon's natural gas storage usage until rigorous tests were performed and completed by the Division of Oil, Gas, and Geothermal Resources (DOGGR) as to which wells could continue to be in operation. This moratorium caused great concern regarding reliability in the upcoming summer and winter months. An action plan was initiated to review the summer and winter assessment. This action plan was conducted as a joint effort between the California Public Utilities Commission (CPUC), CEC, CAISO, and Los Angeles Department of Water and Power (LADWP). Although the area of study does not include nor immediately impact Riverside, it is highly plausible that the Electric Utility could still experience curtailed gas deliveries under certain adverse low-flow gas scenarios.

Beginning June 1, 2016, Southern California Gas Company (SoCalGas) implemented new Operational Flow Order (OFO) tariffs due to limitations surrounding Aliso Canyon storage injections and withdrawals. These tariff changes were put in place to reduce the probability of natural gas curtailments, which would disproportionately impact Riverside due to the requirements to operate internal natural gas generation to maintain system reliability during the summer. Also, gas curtailments during high peak days could lead to severe service curtailments throughout Riverside. Therefore, the Electric Utility immediately increased internal communication across divisions, created internal gas curtailment procedures to address this specific issue, and created revised dispatch procedures when load forecasts exceed 400 MW. These tighter OFO tariff restrictions were scheduled to conclude upon the return of Aliso Canyon to at least 450 million cubic feet per day (MMcfd) of injection capacity and 1,395 MMcfd of withdrawal capacity. Aliso Canyon had not been able to meet its injection and withdrawal targets, therefore, these tighter OFO tariff restrictions continued to remain in effect. In addition, the Electric Utility continues to communicate daily with the CAISO and SoCalGas on any changes that could impact our service territory.

On July 19, 2017, DOGGR issued a press release on their determination, in concurrence with the CPUC, that Aliso Canyon was safe to resume injections up to 28% of the facility's maximum capacity. On that same day, the CEC issued a different press release with a recommendation urging closure of Aliso Canyon in the long-term. On July 31, 2017, SoCalGas resumed injections. Effective July 23, 2019, the CPUC approved new protocols that enable SoCalGas to withdraw from Aliso Canyon natural gas storage facility when specific conditions are met related to Low Operational Flow Order (OFO) calculations, Southern California natural gas inventory levels, and/or emergency conditions.

The Electric Utility fulfilled its system reliability without any natural gas delivery issues during multiple heat waves from 2016 through 2020. Going forward, the Electric Utility will continue to monitor workshops and

## REGULATORY, LEGISLATIVE FACTORS, AND RATES (CONTINUED)

new legislation and regulations that impact the status of Aliso Canyon and its effect on the reliability of our service territory. Senate Bill 380 added Section 715 to the Public Utilities Code, which requires the CPUC to determine the range of Aliso Canyon inventory necessary to ensure safety, reliability, and just and reasonable rates. In the most recent Section 715 Report, the Energy Division of the CPUC recommended that the maximum allowable Aliso Canyon inventory increase from 24.6 to 34 billion cubic feet for summer 2018 and going forward, due to continuing pipeline outages on the SoCalGas system. As of October 7, 2020, the results of the 114 injection well tests are as follows: 66 wells have completed all required tests and have received final DOGGR approval; 27 wells have been taken out of operation; and 21 wells have been plugged and abandoned.

### **SENATE BILL (SB) 859 - “BUDGET TRAILER BILL” - BIOMASS MANDATE**

In the final two days of the 2015-2016 legislative session, a “budget trailer bill” on how to spend cap-and-trade funds was amended to include a biomass procurement mandate for local publicly-owned utilities serving more than 100,000 customers. These utilities would be required to procure their pro-rata share of the statewide obligation of 125 MW based on the ratio of the utility’s peak demand to the total statewide peak demand from existing in-state bioenergy projects for at least a five year term. On September 14, 2016, the Governor of California signed SB 859 into law.

On October 13, 2016, the CPUC adopted Resolution E-4805, which established that the POUs be allocated 29 MW of the 125 MW statewide mandate. The City determined that their obligated share would be 1.3 MW to meet the mandate. It is expected that the City’s proportion of these facilities will be counted towards the Electric Utility’s Renewable Portfolio Standard (RPS) goals.

In 2017, the affected POUs consisting of the cities of Anaheim, Los Angeles, and Riverside, Imperial Irrigation District, Modesto Irrigation District, Sacramento Municipal Utility District, and Turlock Irrigation District decided it would be beneficial to procure a contract together for economies of scale. This was accomplished by utilizing SCPPA to issue a Request for Proposal on behalf of all the affected POUs, since four of the seven POUs affected are existing SCPPA members.

In January 2018, the Riverside Board and City Council approved the City’s five-year Power Sales Agreement with SCPPA for 0.8 MW from the ARP-Loyalton biomass project. On April 20, 2018, the facility declared commercial operation. The remaining MW procurement requirement is currently undergoing negotiations with another entity.

On September 21, 2018, the Governor signed into law SB 901, which primarily focuses on strengthening California’s ability to prevent and recover from catastrophic wildfires such as via forest management activities, updating requirements for maintenance and operations of utility infrastructure, assessing GHG emissions impact, and protecting ratepayers. The bill also included a clause for certain biomass contracts that were procured or operating in 2018 and set to expire on or before December 31, 2023 to be offered a contract extension. The Electric Utility is required to “seek to amend the contract to include, or seek approval for a new contract that includes, an expiration date 5 years later than the expiration in the contract”. Although there is no enforcement mechanism, the ARP-Loyalton biomass project meets the above criteria and feedstock requirement referenced in SB 901 and SB 859. The Electric Utility is currently working with ARP-Loyalton to comply with SB 901.

### **SENATE BILL (SB) 350 - CLEAN ENERGY AND POLLUTION REDUCTION ACT OF 2015**

SB 350, enacted in 2015, consists of a multitude of requirements to meet the Clean Energy and Pollution Reduction Act of 2015. The primary components that affect the Electric Utility are: 1) the increased mandate of the California RPS to 50% by December 31, 2030, 2) doubling of energy efficiency savings by January 1, 2030, and 3) providing for the transformation of the CAISO into a regional organization. In addition, there

## REGULATORY, LEGISLATIVE FACTORS, AND RATES (CONTINUED)

is a specific integrated resource planning mandate embedded in the bill that applies to the 16 POU that have an annual electrical demand exceeding 700 GWh over a 3-year average, which includes the Electric Utility.

The bill also requires that an updated RPS Procurement Policy must be approved and adopted before January 1, 2019 and be incorporated into the Electric Utility's Integrated Resource Plan (IRP). An Updated 2018 Renewable Energy Procurement Policy was adopted by the Board and City Council on September 10, 2018 and October 9, 2018, respectively. In parallel, on or before January 1, 2019, the governing board of the Electric Utility must adopt an IRP and a process for updating the plan at least once every 5 years. The IRP must address specific topics such as energy efficiency and demand response resources, transportation electrification, GHG emissions, energy storage resources, enhance distribution systems and demand-side management, etc. The IRP must be submitted to the CEC for review, of which the CEC will check if the statutory requirements have been met and will adopt guidelines to govern the submission of the IRP information. On August 9, 2017, the CEC adopted the POU IRP Submission and Review Guidelines.

On September 30, 2017, the Governor signed SB 338, which requires that the governing board of local POU consider as part of the IRP process the role of existing renewable generation, grid operational efficiencies, energy storage, energy efficiency, and distributed energy resources in meeting the energy and reliability needs of each utility during the hours of peak demand. On August 1, 2018, the CEC adopted a Second Edition of the POU IRP Submission and Review Guidelines to include the requirements of SB 338. On October 3, 2018, the CEC adopted an amendment to the second edition guidelines to include the CARB's GHG emission reduction planning targets for IRPs.

On November 26, 2018 and December 11, 2018, the Board of Public Utilities and City Council, respectively, adopted the Electric Utility's 2018 Integrated Resource Plan. The IRP and additional submittal requirements were submitted to the CEC on December 18, 2018. In April 2019, the CEC issued their Staff Paper Review of the Electric Utility's IRP, as well as the CEC Executive Director's Determination Letter finding the Electric Utility to be consistent with the requirements of SB 350. The adoption of this determination occurred at the CEC Business meeting on August 14, 2019.

The CEC continues to host various workshops on different components of the SB 350 requirement and the Electric Utility has been monitoring its outcome.

## ASSEMBLY BILL (AB) 1110- GREENHOUSE GAS EMISSIONS INTENSITY REPORTING

On September 26, 2016, AB 1110 was signed into law requiring GHG emissions intensity data and unbundled renewable energy credits (RECs) to be included as part of the retail suppliers' power source disclosure (PSD) report and power content label (PCL) to their customers. GHG emissions intensity factors will need to be provided for all retail electricity products. The inclusion of this new information requirement on the PCL will begin in 2021 for calendar year 2020 data. In addition to still being required to post the PCL on the city website, the bill also reinstated the requirement that the PCL disclosures must be mailed to the customers starting in 2017 for calendar year 2016 data unless customers have opted for electronic notifications. In accordance with this requirement, Riverside reinstated the inclusion of printed disclosures of the PCL with its September 2017 bills to the customers.

In 2017, the CEC began hosting workshops on the GHG emissions disclosure requirements and initiated the rulemaking process of updating their PSD regulations. A pre-rulemaking phase also began that included an implementation proposal on AB 1110. The legislation requires the CEC to adopt guidelines by January 1, 2018. In early 2018, the CEC provided an update to their 2017 pre-rulemaking activities and proposed changes to the regulations and reports, but additional workshops were needed. In March 2019, the last pre-rulemaking workshop was held by the CEC, with the intent to begin the formal rulemaking in May, but was delayed until September 2019. The adoption of the updated PSD regulations and how the additional

## REGULATORY, LEGISLATIVE FACTORS, AND RATES (CONTINUED)

GHG emissions intensity information will be conveyed to customers in the PSD report and PCL was expected to occur in November 2019 but was delayed by the CEC to make further changes to the regulations based on feedback received from the public. On December 11, 2019, the CEC adopted the updated PSD regulations, which changed the timing of the inclusion of the GHG emissions intensity data to be included in the PCL starting in 2021 for calendar year 2020 data, but have yet to release an official template. Slight modifications were made to the PCL, but was not focused on this new data requirement. Instead, multiple iterations of the proposed template were provided to stakeholders throughout 2019, but based on feedback received it required more discussion. It is expected that an updated PCL template will be issued in early 2021 for further review. Riverside continues to monitor the workshops and draft regulations for any impacts to the utility's reporting and resources in meeting this requirement.

### ASSEMBLY BILL (AB) 398 – GHG CAP-AND-TRADE PROGRAM EXTENSION

AB 398 was signed on July 25, 2017 and approved extending the GHG cap-and-trade program to December 31, 2030, which was originally implemented under AB 32. This bill was also a companion bill to AB 617 as part of a legislative package that will be discussed further below. In addition, AB 398 required the CARB to update their scoping plan no later than January 1, 2018. AB 398 also requires all adopted GHG rules and regulations to be consistent with this plan. On July 27, 2017, the CARB approved the 2016 Cap-and-Trade Amendments, which includes the Electric Utility's 2021-2030 allowance allocations it will receive each year. The Electric Utility's allowance allocations should be sufficient to cover all of its 2021-2030 direct compliance obligations.

Initially, it was unclear under AB 398 whether the Electric Utility would be required to consign 100% of its allowances to the market and then purchase allowances to fulfill its compliance obligations. Since the start of the Cap and Trade program in 2012, POUs have been able to directly assign allowances for compliance. However, in 2017, the CARB announced they were reconsidering this provision. In early 2018, after much discussion and collaboration with the CARB in which the POUs demonstrated that they continue to include the price of GHG emissions in the cost of energy, it was agreed that the POUs would not be forced to consign their allocated direct-compliance allowances to auction. Other unknown components of the law include the banking provisions and the specific GHG revenue spending requirement for revenues generated from the sale of excess allowances. CARB will be hosting more workshops and issuing the next iteration of regulation changes in 2021. The Electric Utility will continue to monitor the outcome and impacts of the upcoming regulations on its service territory and ratepayers.

### ASSEMBLY BILL (AB) 617 – AIR QUALITY MONITORING

AB 617 was signed on July 26, 2017 and was part of a legislative bill package with AB 398 which authorized the extension of the Cap and Trade Program in the State. AB 617 addresses the disproportionate impacts of air pollution in areas impacted by a combination of economic, health, and environmental burdens. These burdens include combinations of poverty, high unemployment, health conditions such as asthma and heart disease, air and water pollution, and hazardous wastes. Both the CARB and local air districts are required to take specific actions to reduce air pollution and toxic air contaminants from commercial and industrial sources, including from electricity-generating facilities. The bill required the CARB, by October 1, 2018, to prepare a statewide monitoring plan regarding technologies and reasons for monitoring air quality and, based on that plan, identify the highest priority locations for the deployment of community level air monitoring systems. Local air districts are required to deploy the air monitoring systems in the specified communities by July 1, 2019. Additional locations for the deployment of the systems will be identified annually by the CARB beginning January 1, 2020. CARB is also required to provide grants to community-based organizations for technical assistance and to support community participation in the programs. In turn, this effort would require the local air district of the selected community to adopt a community emissions reduction program.

## REGULATORY, LEGISLATIVE FACTORS, AND RATES (CONTINUED)

Additionally, AB 617 requires the CARB to develop uniform reporting standards for criteria air pollutants and toxic air contaminants for specific uses, including electricity-generating facilities. Air districts are to adopt an expedited schedule for implementing best available retrofit control technologies for the uses, while the CARB will identify these technologies.

This bill affects the City and the Electric Utility by imposing additional reporting requirements, particularly on power plants, and potentially adding or improving air monitoring systems in selected communities located within the City of Riverside. For Riverside, the local air district is the Southern California Air Quality Management District (“SCAQMD”). CARB and SCAQMD have held and continue to hold community meetings to implement the required elements of AB 617. Preliminary discussions and proposals have already been conveyed by community members from the City as well as from the University of California, Riverside proposing areas for community air monitoring and planning. The City and Electric Utility is monitoring the progress of the community meetings and the two proposed areas for any impacts.

### ASSEMBLY BILL (AB) 802 – BUILDING ENERGY USE BENCHMARKING AND PUBLIC DISCLOSURE PROGRAM

On October 8, 2015, AB 802 was signed into law creating a new statewide building energy use benchmarking and public disclosure program for the State of California. The bill requires California utilities to maintain records of energy usage data for all buildings (i.e., commercial and multifamily buildings over 50,000 square feet gross floor area) for at least the most recent 12 months. Beginning January 1, 2017, utilities are required to deliver or provide aggregated energy usage data for a covered building, as defined, to the owner, owner’s agent or operator upon written request. The Electric Utility provides consumption data for buildings meeting the legislative requirement upon owners’ written request. The CEC adopted regulations on October 11, 2017 and approved the regulation action to be effective on March 1, 2018. Building owners are required to report annually with the first report due by June 1, 2018.

### SENATE BILL (SB) 100 – THE 100 PERCENT CLEAN ENERGY ACT OF 2018

On September 10, 2018, the Governor signed into law the 100 Percent Clean Energy Act of 2018 (SB 100). This bill further increases the RPS goals of SBX1-2 and SB 350, while maintaining the 33% RPS target by December 31, 2020, but modifying the future RPS percentages to be 44% by December 31, 2024, 52% by December 31, 2027, and 60% by December 31, 2030. The current end goal of SB 100 is to have 100% of the state's retail electricity supply generated from a mix of RPS-eligible and zero-carbon resources by December 31, 2045.

The CEC is required to establish appropriate multiyear compliance periods for all subsequent years after 2030 that will require POUs to procure not less than 60% of retail sales from renewable resources. In September 2019, the CEC began conducting pre-rulemaking workshops to discuss potential amendments to the RPS Enforcement Procedures for POUs that would incorporate the SB 100 mandates. In addition, POUs will need to include the increased requirements in their future IRP. On December 1, 2020, the CEC released the 3<sup>rd</sup> 15-day language for the RPS Enforcement Procedures for POUs and is expected to adopt it at the December 22, 2020 CEC Business Meeting. On December 4, 2020, the CEC issued a draft SB 100 Joint Agency Report, presented by the CEC with CARB and CPUC. The joint agency report is intended to inform policy and planning which is required to be presented to the legislature every four years starting on January 1, 2021. Riverside will continue to monitor the outcome and impacts of any upcoming workshops and regulations in meeting the new requirements.

## REGULATORY, LEGISLATIVE FACTORS, AND RATES (CONTINUED)

### SENATE BILL (SB) 1028, SB 901 AND ASSEMBLY BILL (AB) 1054 - LEGISLATION RELATING TO WILDFIRES

On September 24, 2016, Governor Brown signed into law SB 1028, which requires each POU, IOU and electric cooperative to construct, maintain, and operate its electrical lines and equipment in a manner that will minimize the risk of catastrophic wildfire posed by those electrical lines and equipment.

SB 901, which was passed at the end of the 2017-2018 biennium session of the California State Legislature and signed by the Governor on September 21, 2018, is meant to address the Governor's and legislative leaders' desire to address response, mitigation, and prevention of wildfires. SB 901 requires the Electric Utility to prepare before January 1, 2020 and annually thereafter, a wildfire mitigation plan (WMP) that includes specified information and elements. The Electric Utility must present its WMP in an appropriately noticed public meeting and accept comments on the plan from the public, other local and state agencies, and interested parties, and to verify that the plan complies with all applicable rules, regulations, and standards, as appropriate. In addition, the Electric Utility must contract with a qualified independent evaluator to review and assess the comprehensiveness of its plan. The report of the independent evaluator must be made available on the Electric Utility's website and presented at the local governing board's public meeting.

On July 12, 2019, the Governor signed into law AB 1054, which establishes the California Wildfire Safety Advisory Board, adds an additional process requirement for review of wildfire mitigation plans, and establishes a wildfire fund. In addition to the Electric Utility presenting its WMP to its local governing board by January 1, 2020, the Electric Utility must submit it to the new advisory board by July 1, 2020 and provide annual updates each year thereafter. Additionally, the Electric Utility is required to submit a comprehensive WMP at least once every three years.

The City fully complied with AB 1054 and the City Council formally adopted the Wildfire Mitigation Plan on December 17, 2019. Following City Council adoption, this approved plan was also submitted to the Wildfire Safety Advisory Board (WSAB) on May 6, 2020, as required.

For the wildfire fund, only voluntary participating IOUs are eligible for claims arising from a covered wildfire. The POUs are not required nor able to join due to concerns and issues over complications of funding as a public entity. The bills do not address existing legal doctrine relating to utilities' liability for wildfires. However, any future legislation that addresses California's inverse condemnation and strict liability issues for utilities in the context of wildfires could be significant for the Electric Utility. Riverside is regularly engaged with the current WSAB meetings and updates, continues to partner with the Riverside Fire Department and diligently monitor the outcome and impacts of any upcoming legislation and regulations on its service territory and ratepayers. Riverside's annual WMP update will be filed before the July 1, 2021 deadline.

### FIVE-YEAR ELECTRIC RATE PLAN

On May 22, 2018, the City Council approved a five-year Electric Rate Plan, which includes system average annual with rate increases. The first annual rate increase was effective January 1, 2019 with the following four years effective on January 1 of each year. The approved five-year Electric Rate Plan includes annual reviews of the adopted rates by City Council. The system average rate increase effective January 1, 2019 was 2.95%, followed by system average rate increases of 3.0% in years two through five. The Electric Rate Plan included the introduction of electric rate components over a five-year period to better align with its cost of serving customers and its revenue requirement. The Electric Rate Plan was designed to provide financial stability and correct the imbalance of costs versus revenue recovery by increasing fixed cost recovery through monthly service charges and a new network access charge to reflect the nature of underlying costs.

## REGULATORY, LEGISLATIVE FACTORS, AND RATES (CONTINUED)

Pursuant to City Council direction, the first annual review of rates was conducted in February 2020 and the second annual review of rates was conducted in January 2021. Due to the unprecedented Local Emergency due to COVID-19, at the annual review of rates on January 5, 2021, the City Council delayed the implementation of the third year of the Electric Rate Plan through March 31, 2021 which is approximately one year from the date the City declared a state of emergency.

## ECONOMIC DEVELOPMENT AND GREEN INITIATIVES

The City of Riverside has a long history of valuing sustainability and ensuring economic development. Recent efforts for sustainability began in 2001 when the City began using light-emitting diodes in all City traffic signals to reduce electricity usage. Today, the City remains committed to environmental issues and serves as a state leader in sustainability.

The City's first sustainability policy statement was adopted in 2007 and ultimately led to the adoption of three Green Action Plans, the most recent in 2012. Most recently, the City adopted the Envision Riverside 2025 Strategic Plan in October 2020. This plan incorporates sustainability throughout as a cross cutting value and environmental stewardship, one of six priority areas for the City. Additional adopted policies can be found in the City's General Plan 2025 (2007), the Environmentally Preferable Purchasing Policy (2009), the Food and Agriculture Policy Action Plan (2015) and the Riverside Restorative Growthprint (2016).

The City hosts community-wide Green Riverside Leadership Summits. Since 2012, summits have been held every 2 to 3 years. Events in 2012 and 2019 were in partnership with the University of California Riverside. Events in 2014 and 2016 were conducted as part of the community-led Riverside Green Festival and Summit.

The City has received numerous recognitions for its sustainability programs and initiatives. In 2009, the California Department of Conservation named Riverside its first "Emerald City" in recognition for its sustainable green initiatives and commitment to help the state achieve multiple state environmental priorities. The City was honored in 2016 with the Green Community Award from Audubon International, recognizing Riverside for its ongoing sustainability initiatives. In addition, the City received the 2016 Sustainable Communities Award from the Green California Leadership Summit for its ongoing community-wide sustainability projects and programs that create environmental awareness and action throughout the community, including business, government and private citizens. The Green California Leadership Summit again recognized the City in 2018 with its Leadership Award for the City Green Fleet Program.

The Electric Utility supports the local economy by offering some of the lowest commercial electric rates in Southern California combined with attractive economic development electric discount rates to qualified new and expanded load customers. These rate programs have helped create and retain over 3,600 jobs in the City since 2010. The City's Green Business Program recognizes local businesses for pursuing sustainability in their facilities and operations. Businesses are evaluated based on their efforts to reduce pollution and waste and to improve resource use efficiency. Once certified through the program, the businesses are recognized locally and statewide through the California Green Business Network, a network of over 3,600 other businesses in the State of California that have already committed to pursuing greener practices. Currently, the City has certified UTC Aerospace, OSI Industries and the Riverside Convention Center with this designation.

Beyond rate incentives, the Electric Utility also offers local businesses a comprehensive assortment of water and energy efficiency programs to improve building efficiency and reduce customer electric consumption. Fiscal year 2019-2020 commercial energy efficiency programs saved a total of 12.5 Million kWh.

All of these efforts support organizations and companies meet their sustainability goals. Most recently, the State of California's Air Resources Board began construction on their relocated Southern California headquarters in the City of Riverside. The campus will be one of the largest and most advanced vehicle

## **ECONOMIC DEVELOPMENT AND GREEN INITIATIVES (CONTINUED)**

emissions testing and research facilities in the world. Additionally, the headquarters will be LEED Platinum, the highest level awarded by the U.S. Green Building Council for the overall sustainability and energy efficiency of a building. It will also be the single largest net-zero energy structure in the nation, in terms of square footage and load. (That means it will produce as much energy as it uses.)

The City initiated an ambitious LED streetlight replacement program in 2016. The program will eventually replace all city-owned streetlights by the end of 2021, resulting in approximately 10 million kWh saved annually along with substantially reduced maintenance costs. Additionally, the Electric Utility's grant program continues to provide assistance to local universities by providing funding for important research projects that explore new ways to advance energy technology and water conservation techniques.

These economic development and sustainability projects and programs put the Electric Utility on the cutting edge of job creation and resource efficiency, making the City a better place to live and do business.

For more information on these economic development and green initiatives, go to [GreenRiverside.com](http://GreenRiverside.com).

## **REQUESTS FOR INFORMATION**

This financial report is designed to provide a general overview of the Electric Utility's finances. Questions concerning any information provided in this report or requests for additional financial information should be addressed to the Assistant General Manager – Business Systems and Customer Service, Riverside Public Utilities, 3750 University Avenue, 3rd floor, Riverside, CA 92501. Additional financial information can also be obtained by visiting [www.RiversidePublicUtilities.com](http://www.RiversidePublicUtilities.com).

# ELECTRIC UTILITY: FINANCIAL STATEMENTS

## STATEMENTS OF NET POSITION

	June 30, 2020	June 30, 2019
<b>ASSETS AND DEFERRED OUTFLOWS OF RESOURCES</b>	<b>(in thousands)</b>	
<b>NON-CURRENT ASSETS:</b>		
Utility plant:		
Utility plant, net of accumulated depreciation (Note 3)	\$ 790,498	\$ 794,712
Restricted assets:		
Cash and investments at fiscal agent (Note 2)	97,983	125,372
Other non-current assets:		
Advances to other funds of the City	3,383	3,803
Unamortized purchased power (Note 11)	13,611	12,683
Regulatory assets	1,850	1,939
Total other non-current assets	18,844	18,425
Total non-current assets	907,325	938,509
<b>CURRENT ASSETS:</b>		
Unrestricted assets:		
Cash and cash equivalents (Note 2)	299,734	293,449
Accounts receivable, less allowance for doubtful accounts 2020 \$2,265; 2019 \$890	41,851	31,222
Advances to other funds of the City	-	325
Accrued interest receivable	881	976
Inventory	971	971
Prepaid expenses	6,433	5,839
Unamortized purchased power (Note 11)	634	329
Total unrestricted current assets	350,504	333,111
Restricted assets:		
Cash and cash equivalents (Note 2)	36,680	31,399
Public Benefit Programs - cash and cash equivalents (Note 2)	18,944	16,439
Public Benefit Programs receivable	983	841
Total restricted current assets	56,607	48,679
Total current assets	407,111	381,790
Total assets	1,314,436	1,320,299
<b>DEFERRED OUTFLOWS OF RESOURCES:</b>		
Deferred outflows related to pension (Note 6)	83,568	22,300
Deferred outflows related to other postemployment benefits (Note 7)	1,561	-
Public Benefit Programs - Deferred outflows related to other postemployment benefits (Note 7)	40	-
Changes in derivative values	22,623	14,740
Loss on refunding	9,091	9,623
Total deferred outflows of resources	116,883	46,663
Total assets and deferred outflows of resources	\$ 1,431,319	\$ 1,366,962

See accompanying notes to the financial statements

## STATEMENTS OF NET POSITION

	June 30, 2020	June 30, 2019
<b>NET POSITION, LIABILITIES AND DEFERRED INFLOWS OF RESOURCES</b> (in thousands)		
<b>NET POSITION:</b>		
Net investment in capital assets	\$ 238,847	\$ 255,893
Restricted for:		
Regulatory requirements (Note 8)	16,815	18,004
Debt service (Note 6)	18,243	13,396
Public Benefit Programs	19,514	16,476
Unrestricted	221,466	206,963
Total net position	<u>514,885</u>	<u>510,732</u>
 LONG-TERM OBLIGATIONS, LESS CURRENT PORTION (NOTE 4)	 <u>662,290</u>	 <u>616,130</u>
 <b>OTHER NON-CURRENT LIABILITIES:</b>		
Compensated absences (Note 5)	1,227	750
Net pension liability (Note 6)	89,792	84,468
Nuclear decommissioning liability (Note 10)	49,529	52,864
Total other postemployment benefits liability (Note 7)	10,708	8,572
Derivative instruments (Note 4)	27,451	19,037
Regulatory liability	2,373	2,904
Total non-current liabilities	<u>181,080</u>	<u>168,595</u>
 <b>CURRENT LIABILITIES PAYABLE FROM RESTRICTED ASSETS:</b>		
Accrued interest payable	5,872	5,854
Public Benefit Programs payable	304	643
Nuclear decommissioning liability (Note 10)	6,179	5,335
Current portion of long-term obligations (Note 4)	17,370	11,653
Total current liabilities payable from restricted assets	<u>29,725</u>	<u>23,485</u>
 <b>CURRENT LIABILITIES:</b>		
Accounts payable and other accruals	19,349	19,217
Compensated absences (Note 5)	4,635	4,563
Customer deposits	9,265	7,255
Unearned revenue	73	62
Current portion of long-term obligations (Note 4)	535	830
Total current liabilities	<u>33,857</u>	<u>31,927</u>
Total liabilities	<u>906,952</u>	<u>840,137</u>
 <b>DEFERRED INFLOWS OF RESOURCES:</b>		
Deferred inflows related to pension (Note 6)	9,220	15,786
Deferred inflows related to other postemployment benefits (Note 7)	262	307
Total deferred inflows of resources	<u>9,482</u>	<u>16,093</u>
Total net position, liabilities and deferred inflows of resources	<u>\$ 1,431,319</u>	<u>\$ 1,366,962</u>

See accompanying notes to the financial statements

# STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET POSITION

	For the Fiscal Years Ended June 30, 2020                      2019 (in thousands)	
<b>OPERATING REVENUES:</b>		
Residential sales	\$ 121,162	\$ 116,303
Commercial sales	68,958	69,878
Industrial sales	115,745	114,078
Other sales	4,849	4,824
Wholesale sales	-	344
Transmission revenue	34,817	35,730
Other operating revenue	13,960	13,121
Public Benefit Programs	9,478	9,292
Total operating revenues before uncollectibles	<u>368,969</u>	<u>363,570</u>
Estimated uncollectibles, net of bad debt recovery	(1,891)	(911)
Total operating revenues, net of uncollectibles	<u>367,078</u>	<u>362,659</u>
<b>OPERATING EXPENSES:</b>		
Production and purchased power	157,540	155,264
Transmission	58,830	64,443
Distribution	64,546	58,729
Public Benefit Programs	6,440	8,933
Depreciation	35,151	34,471
Total operating expenses	<u>322,507</u>	<u>321,840</u>
Operating income	<u>44,571</u>	<u>40,819</u>
<b>NON-OPERATING REVENUES (EXPENSES):</b>		
Investment income	14,032	13,372
Interest expense and fiscal charges	(26,269)	(25,053)
Gain on sale of assets	335	287
Other	1,550	3,989
Total non-operating revenues (expenses)	<u>(10,352)</u>	<u>(7,405)</u>
Income before capital contributions and transfers out	<u>34,219</u>	<u>33,414</u>
Capital contributions	9,492	6,383
Transfers out - contributions to the City's general fund	(39,558)	(39,886)
Total capital contributions and transfers out	<u>(30,066)</u>	<u>(33,503)</u>
Change in net position	<u>4,153</u>	<u>(89)</u>
NET POSITION, BEGINNING OF YEAR	<u>510,732</u>	<u>505,412</u>
RESTATEMENT OF NET POSITION (Note 13)	<u>-</u>	<u>5,409</u>
NET POSITION, BEGINNING OF YEAR, AS RESTATED	<u>510,732</u>	<u>510,821</u>
NET POSITION, END OF YEAR	<u>\$ 514,885</u>	<u>\$ 510,732</u>

See accompanying notes to the financial statements

# STATEMENTS OF CASH FLOWS

	For the Fiscal Years Ended June 30, 2020      2019 (in thousands)	
<b>CASH FLOWS FROM OPERATING ACTIVITIES:</b>		
Cash received from customers and users	\$ 358,317	\$ 365,134
Cash paid to suppliers and employees	(287,467)	(284,991)
Net cash provided by operating activities	<u>70,850</u>	<u>80,143</u>
<b>CASH FLOWS FROM NON-CAPITAL FINANCING ACTIVITIES:</b>		
Transfers out - contributions to the City's general fund	(39,558)	(39,886)
Payment on pension obligation bonds	(1,718)	(2,018)
Pension obligation bond issuance costs	(245)	-
Proceeds from pension obligation bond, used to pay into employee pension plan	66,119	-
Cash paid to employee pension plan from proceeds of pension obligation bond	(65,874)	-
Other receipts from non-operating activities	1,550	3,989
Cash received on advances to other funds of the City	745	404
Net cash provided by non-capital financing activities	<u>(38,981)</u>	<u>(37,511)</u>
<b>CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES:</b>		
Purchase of utility plant	(26,366)	(43,160)
Proceeds from the sale of utility plant	381	369
Proceeds from revenue bonds, including premium	-	103,303
Revenue bond refunding cost	-	(2,323)
Principal paid on long-term obligations	(10,765)	(15,269)
Interest paid on long-term obligations	(27,439)	(27,149)
Capital contributions	4,875	3,497
Bond issuance costs	-	(746)
Net cash (used) provided by capital and related financing activities	<u>(59,314)</u>	<u>18,522</u>
<b>CASH FLOWS FROM INVESTING ACTIVITIES:</b>		
Proceeds from investment securities	2,190	2,707
Income from investments	14,127	13,412
Net cash provided by investing activities	<u>16,317</u>	<u>16,119</u>
Net change in cash and cash equivalents	(11,128)	77,273
<b>CASH AND CASH EQUIVALENTS, BEGINNING OF YEAR (including \$106,870 and \$48,359 at June 30, 2019 and June 30, 2018, respectively, reported in restricted accounts)</b>		
	<u>400,319</u>	<u>323,046</u>
<b>CASH AND CASH EQUIVALENTS, END OF YEAR (including \$89,457 and \$106,870 at June 30, 2020 and June 30, 2019, respectively, reported in restricted accounts)</b>		
	<u>\$ 389,191</u>	<u>\$ 400,319</u>
<b>RECONCILIATION OF OPERATING INCOME TO NET CASH PROVIDED BY OPERATING ACTIVITIES:</b>		
Operating income	\$ 44,571	\$ 40,819
Adjustments to reconcile operating income to net cash provided by operating activities:		
Depreciation	35,151	34,471
Increase in allowance for uncollectible accounts	1,375	261
(Increase) decrease in accounts receivable	(12,146)	1,356
Decrease in inventory	-	126
(Increase) in prepaid expenses	(594)	(530)
(Increase) in unamortized purchased power	(1,233)	(1,881)
Increase in accounts payable and other accruals	132	7,410
Increase in compensated absences	549	245
(Decrease) increase in Public Benefit Programs payable	(339)	408
Increase in unearned revenue	11	1
Increase in customer deposits	2,010	858
(Decrease) in decommissioning liability	(2,491)	(2,378)
Changes in net pension liability and related deferred outflows and inflows of resources	3,364	(1,323)
Changes in postemployment benefits liability and related deferred outflows and inflows of resources	490	300
Net cash provided by operating activities	<u>\$ 70,850</u>	<u>\$ 80,143</u>
<b>SCHEDULE OF NON-CASH INVESTING, CAPITAL AND FINANCING ACTIVITIES:</b>		
Capital contributions - capital assets	4,617	2,887
Increase in fair value of investments	456	935
Principal balance of revenue bonds refunded	-	195,090

See accompanying notes to the financial statements

# ELECTRIC UTILITY:

## NOTES TO THE FINANCIAL STATEMENTS

### NOTE 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The Electric Utility exists under, and by virtue of, the City of Riverside (the City) Charter enacted in 1883. The Electric Utility is responsible for the generation, transmission, and distribution of electric power for sale in the City. The accompanying financial statements present only the financial position and the results of operations of the Electric Utility, which is an enterprise fund of the City, and are not intended to present fairly the financial position and results of operations of the City in conformity with generally accepted accounting principles. However, certain disclosures are for the City as a whole, since such information is generally not available for the Electric Utility on a separate fund basis. All amounts, unless otherwise indicated, are expressed in thousands of dollars.

### BASIS OF ACCOUNTING

The Electric Utility uses the accrual basis of accounting as required for enterprise funds with accounting principles generally accepted in the United States of America as applicable to governments. The accounting records of the Electric Utility are also substantially in conformity with the Uniform System of Accounts prescribed by the Federal Energy Regulatory Commission (FERC). The Electric Utility is not subject to the regulations of the FERC.

The Electric Utility distinguishes operating revenues and expenses from non-operating items. Operating revenues and expenses generally result from providing services and producing and delivering goods in connection with an enterprise fund's principal ongoing operations. The principal operating revenues of the Electric Utility are charges to customers for electric sales and services. Operating expenses for the Electric Utility include the cost of electric sales and services, administrative expenses, and depreciation on capital assets. All revenues and expenses not meeting this definition are reported as non-operating revenues and expenses.

### IMPLEMENTATION OF NEW ACCOUNTING PRONOUNCEMENTS

In November 2016, the GASB issued Statement No. 83, *Certain Asset Retirement Obligations* (GASB 83). This Statement addresses accounting and financial reporting for certain asset retirement obligations (AROs). An ARO is a legally enforceable liability associated with the retirement of a tangible capital asset. This Statement establishes criteria for (1) determining the timing and pattern of liability recognition and a corresponding deferred outflow, (2) requires liability recognition when it is incurred and reasonably estimable, and (3) requires ARO measurement to be based on the best estimate of the current value of outlays expected to be incurred. If an ARO has been incurred but is not yet recognized because it is not reasonably estimable, the government is required to disclose that fact and the reasons therefor. This Statement will enhance comparability of financial statements among governments by establishing uniform criteria for governments to recognize and measure certain AROs, including obligations that may not have been previously reported. This Statement is effective for reporting period beginning after June 15, 2019.

According to *Clearwater Power Plant Asset Purchase and Sale Agreement* dated March 3, 2010, the City of Riverside purchased the Clearwater Power Plant (the "Plant") from the City of Corona to own, operate, pay all costs related to the Plant and the assets, as set forth in the agreement. In August 26, 2010, Temporary Right of Entry Agreement was made and entered between the City of Riverside ("Riverside") and the City of Corona ("Corona") in which Corona leased the Corona Clearwater Cogeneration Facility (the "Property") to Riverside for its operation and maintenance of the Property. Riverside is responsible for plant decommissioning and site restoration related to the Plant. As of June 30, 2020, the ARO evaluation study to measure the obligation is complete, however since Riverside does not have the final lease agreement with Army Corps to determine the life of the plant, a liability and deferred outflow will not be recorded.

## NOTE 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

In March of 2018, the GASB issued Statement No. 88, *Certain Disclosures Related To Debt, Including Direct Borrowings And Direct Placements* (GASB 88). The primary objective of this Statement is to improve the information that is disclosed in notes to government financial statements related to debt, including direct borrowings and direct placements. It also clarifies which liabilities governments should include when disclosing information related to debt. This Statement defines debt for purposes of disclosure in notes to financial statements as a liability that arises from a contractual obligation to pay cash (or other assets that may be used in lieu of cash) in one or more payments to settle an amount that is fixed at the date the contractual obligation is established. For notes to financial statements related to debt, this Statement also requires that existing and additional information be provided for direct borrowings and direct placements of debt separately from other debt. In addition, information about resources to liquidate debt and the risks associated with changes in terms associated with debt will be disclosed. As a result, users will have better information to understand the effects of debt on a government's future resource flows. This Statement is effective for reporting period beginning after June 15, 2019. For further details, refer to Note 4.

In June 2017, the GASB issued Statement No. 87, *Leases*. The objective of this Statement is to better meet the information needs of financial statement users by improving accounting and financial reporting for leases. The Statement requires recognition of certain lease assets and liabilities for leases that previously were classified as operating leases. The requirements of this Statement are effective for reporting periods beginning after June 15, 2021. The Department is evaluating the impact of this standard.

In June 2018, the GASB issued Statement No. 89, *Accounting for Interest Cost Incurred before the End of a Construction Period*. The objectives of the Statement are (1) to enhance the relevance and comparability of information about capital assets and the cost of borrowing for a reporting period and (2) to simplify accounting for interest cost incurred before the end of a construction period. The requirements of this Statement are effective for reporting periods beginning after December 15, 2020.

### USE OF ESTIMATES

The preparation of financial statements in conformity with accounting principles generally accepted in the United States requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and the reported amounts of revenues and expenses during a reporting period. Accordingly, actual results could differ from those estimates.

### REVENUE RECOGNITION

The Electric Utility customers are billed monthly. Unbilled electric service charges, including Public Benefit Programs, are recorded at year-end and are included in accounts receivable. Unbilled accounts receivable totaled \$14,115 at June 30, 2020, and \$13,594 at June 30, 2019.

An allowance for doubtful accounts is maintained for the Electric Utility and miscellaneous accounts receivable. The balance in this account is adjusted at fiscal year-end to approximate the amount anticipated to be uncollectible.

### ELECTRIC UTILITY PLANT AND DEPRECIATION

The Electric Utility defines capital assets as assets with an initial, individual cost of more than five thousand dollars and an estimated useful life in excess of one year. Electric Utility plant assets are valued at historical cost or estimated historical cost, if actual historical cost is not available. Costs include labor; materials; interest during construction up to fiscal year ended June 30, 2019; allocated indirect charges such as engineering, supervision, construction and transportation equipment; retirement plan contributions and other fringe benefits. Contributed plant assets are valued at estimated fair value on the date contributed. The cost of relatively minor replacements is included in maintenance expense. Intangible assets that cost

# NOTE 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

more than one hundred thousand dollars with useful lives of at least three years are capitalized and are recorded at cost.

For fiscal year ended June 30, 2019, the Electric Utility capitalized net interest costs of \$1,964. Interest incurred during the construction phase was reflected in the capitalized value of the asset constructed in prior year. Due to implementation of GASB 89 noted above, the Electric Utility did not capitalize interest for fiscal year ended June 30, 2020. For fiscal years ended June 30, 2020 and 2019, total interest expense incurred by the Electric Utility was \$30,320 and \$27,691, respectively.

Depreciation is provided over the estimated useful lives of the related assets using the straight-line method. The estimated useful lives are as follows:

Production plant.....	10-40 years
Transmission and distribution plant.....	20-50 years
General plant and equipment.....	5-50 years
Intangibles.....	5-10 years

## RESTRICTED ASSETS

Proceeds of revenue bonds yet to be used for capital projects, as well as certain resources set aside for debt service, are classified as restricted assets in the Statements of Net Position because their use is limited by applicable bond covenants. Funds set aside for the nuclear decommissioning and regulatory requirements relating to greenhouse gas allowances are also classified as restricted assets because their use is legally restricted to a specific purpose. Generally, the Electric Utility will first apply restricted resources when expenses incurred for which both restricted and unrestricted resources are available.

In January 1998, the Electric Utility began collecting a surcharge for Public Benefit Programs on customer utility bills. This surcharge is mandated by state legislation included in Assembly Bill 1890 and is restricted to various socially beneficial programs and services. The programs and services include cost effective demand-side management services to promote energy efficiency and conservation and related education and information; ongoing support and new investments in renewable resource technologies; energy research and development; and programs and services for low-income electric customers. The activity associated with the surcharge for Public Benefit Programs is reflected in the accompanying financial statements on the Statements of Net Position, Statements of Revenues, Expenses and Changes in Net Position, and Statements of Cash Flows.

## CASH AND INVESTMENTS

The Electric Utility's cash and investments, except for funds required to be held by outside fiscal agents under the provisions of bond indentures, which are administered by outside agencies, are invested in the cash and investment pool of the City. The Electric Utility's cash and investments previously held at and administered by Southern California Public Power Authority (SCPPA) were used in entirety during the 19-20 fiscal year to pay for power, transmission, capital and/or operating costs relating to projects in which the Electric Utility was a participant, or other expenditures owed to SCPPA.

The Electric Utility values its cash and investments in accordance with provisions of GASB Statement No. 72, *Fair Value Measurement and Application*, which requires governmental entities to use valuation techniques that are appropriate under the circumstances and for which sufficient data are available to measure fair value. The techniques should be consistent with one or more of the following approaches: the market approach, the cost approach or the income approach. Valuation includes a hierarchy of inputs with three distinct levels. Level 1 are quoted prices in an active market for identical assets; Level 2 inputs are significant other observable inputs; and Level 3 inputs are significant unobservable inputs. The Electric Utility does not value any of its investments using level 3 inputs.

## NOTE 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

City-wide information concerning cash and investments as of June 30, 2020, including authorized investments, fair value measurement and application, custodial credit risk, credit and interest rate risk for debt securities and concentration of investments, carrying amount and market value of deposits and investments can be found in the notes to the City's financial statements in the City's "Comprehensive Annual Financial Report" (CAFR).

### CASH AND INVESTMENTS AT FISCAL AGENTS

Cash and investments maintained by fiscal agents are considered restricted by the Electric Utility and are used to fund construction of capital assets. A portion is pledged as collateral for payment of principal and interest on outstanding bonds and certain funds are set aside to decommission the Electric Utility's proportionate share of Units 2 and 3 at San Onofre Generating Stations (SONGS).

### UNRESTRICTED DESIGNATED CASH RESERVES

The Riverside Public Utilities Cash Reserve Policy establishes several designated cash reserves in the Electric Utility for strategic purposes. Designated reserves are considered unrestricted assets and represent the portion of unrestricted reserves set aside for specific purposes determined by the Board of Public Utilities and City Council. Designated reserves may be held for capital or operating purposes.

Unrestricted designated cash reserve balances as of June 30, 2020 and 2019 were as follows: Additional Decommissioning Liability Reserve \$11,710 and \$9,935, Customers Deposits \$4,748 and \$4,582, Capital Repair and Replacement Reserve \$5,579 and \$3,219, Electric Reliability Reserve \$79,133 and \$72,694, and Mission Square Improvement Reserve \$1,836 and \$1,483 and Dark Fiber Reserve \$3,633 and \$2,942. In June 2017, the Board of Public Utilities and City Council approved the establishment of a bond defeasance designated cash reserve account and authorized the transfer of settlements and cost recoveries in the amount of \$11,244 to the designated reserve for bond defeasance. In fiscal year June 30, 2018, bond defeasance reserve has been fully utilized to partially defease existing revenue bonds. The combined total for these reserves was \$106,639 and \$94,855 at June 30, 2020 and 2019, respectively and is included as a component of unrestricted cash and cash equivalents in the accompanying Statements of Net Position.

### ADVANCES TO OTHER FUNDS OF THE CITY

Advances to other funds of the City have been recorded as a result of agreements between the Electric Utility and the City. The balances as of June 30, 2020 and 2019 are \$3,383 and \$4,128, respectively.

### DERIVATIVES

The Electric Utility accounts for derivative instruments using GASB Statement No. 53, *Accounting and Financial Reporting for Derivative Instruments* (GASB 53). This Statement requires the Electric Utility to report its derivative instruments at fair value. Changes in fair value for effective hedges are to be reported as deferred inflows and outflows of resources on the Statements of Net Position. Changes in fair value of derivative instruments not meeting the criteria for an effective hedge, or that are associated with investments are to be reported in the non-operating revenues section of the Statements of Revenues, Expenses and Changes in Net Position.

The Electric Utility has determined that its interest rate swaps associated with variable rate obligations are derivative instruments under GASB 53. See Note 4 Long-Term Obligations for further discussion related to the Electric Utility's interest rate swaps.

Various transactions permitted in the Electric Utility's Power Resources Risk Management Policies may be considered derivatives, including energy and/or gas transactions for swaps, options, forward arrangements and congestion revenue rights (CRR). GASB 53 allows an exception for the Statements of Net Position

## **NOTE 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)**

deferral hedges that meet the normal purchases and normal sales exception. The Electric Utility has determined that all of its contracts including CRRs fall under the scope of “normal purchases and normal sales” and are exempt from GASB 53.

### **BOND PREMIUMS AND GAINS/LOSSES ON REFUNDING**

Bond premiums and gains/losses on refunding (including gains/losses related to interest rate swap transactions) are deferred and amortized over the term of the new bonds using the effective interest method. Bonds payable are reported net of the applicable bond premiums. Gains/losses on refunding are reported as deferred inflows or outflows of resources.

### **CUSTOMER DEPOSITS**

The City holds customer deposits as security for the payment of utility bills and design fee deposits for future construction of electrical facilities. The Electric Utility’s portion of these deposits as of June 30, 2020 and 2019 was \$9,265 and \$7,255, respectively.

### **COMPENSATED ABSENCES**

The accompanying financial statements include accruals for salaries, fringe benefits and compensated absences due to employees at June 30, 2020 and 2019. The Electric Utility treats compensated absences due to employees as an expense and a liability of which a current portion is included in accounts payable and other accruals in the accompanying Statements of Net Position. The amount accrued for compensated absences was \$5,862 at June 30, 2020 and \$5,313 at June 30, 2019.

Employees receive 10 to 25 vacation days per year based upon length of service. A maximum of two years vacation accrual may be accumulated and unused vacation is paid in cash upon separation.

Employees primarily receive one day of sick leave for each month of employment with unlimited accumulation. Upon retirement or death, certain employees or their estates receive a percentage of unused sick-leave paid in a lump sum based on longevity.

### **INSURANCE PROGRAMS**

The Electric Utility participates in a self-insurance program for workers’ compensation and general liability coverage that is administered by the City. The Electric Utility pays an amount to the City based on actuarial estimates of the amounts needed to fund prior and current year claims and incidents that have been incurred but not reported. The City maintains property insurance on most City property holdings, including the Electric Utility Plant with a limit of \$1 billion.

City-wide information concerning risks, insurance policy limits and deductibles and designation of general fund balance for risk for the year ended June 30, 2020, may be found in the notes to the City’s financial statements in the City’s CAFR.

Although the ultimate amount of losses incurred through June 30, 2020 is dependent upon future developments, management believes that amounts paid to the City are sufficient to cover such losses. Premiums paid to the City by the Electric Utility including the Public Benefit Programs, were \$967 and \$1,098 for the years ended June 30, 2020 and 2019, respectively. Any losses above the City’s reserves would be covered through increased rates charged to the Electric Utility in future years.

### **EMPLOYEE RETIREMENT PLAN**

The City contributes to the California Public Employees Retirement System (CalPERS), an agent multiple employer public employee defined benefit pension plan. CalPERS provides retirement and disability

## NOTE 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

benefits, annual cost-of-living adjustments, and death benefits to plan members and beneficiaries. CalPERS acts as a common investment and administrative agent for participating public entities within the State of California. Benefit provisions and all other requirements are established by state statute and City ordinance.

For purposes of measuring the net pension liability and deferred outflows/inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the City of Riverside California Public Employees' Retirement System plans (Plans) and additions to/deductions from the Plans' fiduciary net position have been determined on the same basis as they are reported by CalPERS. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value. Further details of employee retirement plan can be found in Note 6.

### OTHER POSTEMPLOYMENT BENEFITS (OPEB)

OPEB refers to the benefits, other than pensions, that the City provides as part of an employee's retirement benefits. The net OPEB liability is defined as the liability of employers contributing to employees for benefits provided through a defined benefit OPEB plan that is administered through a trust. Further details for OPEB can be found in Note 7.

### DEFERRED OUTFLOWS AND DEFERRED INFLOWS OF RESOURCES

When applicable, the Statements of Net Position will report a separate section for deferred outflows of resources. Deferred outflows of resources represent outflows of resources (consumption of net position) that apply to future periods and that, therefore, will not be recognized as an expense or expenditure until that time. Deferred outflows of resources consist of changes in derivative values, loss on refunding and deferred outflows related to pension and OPEB, which include pension contributions subsequent to measurement date, difference between actual and actuarial determined contribution, changes in assumptions and net differences between projected and actual earnings on pension plan investments.

Conversely, deferred inflows of resources represent inflows of resources (acquisition of net position) that apply to future periods and that, therefore, are not recognized as an inflow of resources (revenue) until that time. Deferred inflows of resources consist of deferred inflows related to pension and OPEB, which include changes in assumptions, differences between expected and actual experience, and net differences between projected and actual earnings on pension plan investments.

### REGULATORY ASSETS

In accordance with regulatory accounting criteria set forth in GASB Codification (GASB Statement No. 62), enterprise funds that are used to account for rate-regulated activities are permitted to defer certain expenses and revenues that would otherwise be recognized when incurred, provided that the Electric Utility is recovering or expects to recover or refund such amounts in rates charged to its customers. Accordingly, regulatory assets relating to debt issuance costs have been recognized in the Statements of Net Position.

### NET POSITION

The Electric Utility's net position represents the difference between assets and deferred outflows of resources less liabilities and deferred inflows of resources, which is classified into the following three components:

**Net investment in capital assets** – this component consists of capital assets (net of accumulated depreciation) reduced by the outstanding balances of any bonds or other borrowings that are attributable to the acquisition, construction, or improvement of those assets, excluding unspent bond proceeds.

## NOTE 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

**Restricted** – this component represents restricted assets less liabilities and deferred inflows related to those assets. Restricted assets are recorded when there are limitations imposed by creditors (such as through debt covenants), contributors, or laws or regulation of other governments or constraints imposed by law through constitutional provisions or through enabling legislation.

**Unrestricted** – this component consists of net position that does not meet the definition of “restricted” or “net investment in capital assets.”

### CONTRIBUTIONS TO THE CITY’S GENERAL FUND

Pursuant to the City of Riverside Charter, the Electric Utility may transfer up to 11.5 percent of its prior year’s gross operating revenues, including adjustments, to the City’s general fund. In fiscal years ended June 30, 2020 and 2019, \$39,558 and \$39,886, respectively was transferred representing 11.5 percent.

### CASH AND CASH EQUIVALENTS

For the Statements of Cash Flows, cash and cash equivalents include all unrestricted and restricted highly liquid investments with original purchase maturities of three months or less, and all bond construction proceeds available for capital projects. Pooled cash and investments in the City’s Treasury represent monies in a cash management pool. Such accounts are similar in nature to demand deposits, and are classified as cash equivalents for the purpose of presentation in the Statements of Cash Flows.

### BUDGET AND BUDGETARY ACCOUNTING

The Electric Utility presents, and the City Council adopts, a biennial budget. The proposed budget includes estimated expenses and forecasted revenues. The City Council adopts the Electric Utility’s budget in June biennially via resolution.

### RECLASSIFICATIONS

Certain reclassifications have been made to prior year’s financial statements to conform with the current year’s presentation. Such reclassifications have no effect on the net position or the changes in net position.

## NOTE 2. CASH AND INVESTMENTS

Cash and investments at June 30, 2020 and 2019, consist of the following (in thousands):

	<u>June 30, 2020</u>		<u>June 30, 2019</u>
	Fair Value		
Equity interest in City Treasurer's investment pool	\$ 355,358	\$	341,287
Cash and investments at fiscal agent	97,983		125,372
	<hr/>		
Total cash and investments	\$ 453,341	\$	466,659

The amounts above are reflected in the accompanying financial statements as:

	<u>June 30, 2020</u>		<u>June 30, 2019</u>
Unrestricted cash and cash equivalents	\$ 299,734	\$	293,449
Restricted cash and cash equivalents	55,624		47,838
Restricted cash and investments at fiscal agent	97,983		125,372
	<hr/>		
Total cash and investments	\$ 453,341	\$	466,659

The investment types in the tables below related to the Electric Utility's investments in the City Treasurer's investment pool represent the Electric Utility's prorated share of the investment types in the investment pool and do not represent ownership interests in the individual investments.

## NOTE 2. CASH AND INVESTMENTS (CONTINUED)

The Electric Utility categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The Electric Utility has the following recurring fair value measurements as of June 30, 2020 and 2019:

Investment Type	June 30,	Quoted Prices in		Significant	Significant	Investments not Subject to Fair Value Hierarchy
	2020 Fair Value	Active Markets for Identical Assets (Level 1)	Other Observable Inputs (Level 2)	Unobservable Inputs (Level 3)		
Held by fiscal agent						
Money market funds	\$ 56,443	\$ -	\$ -	\$ -	\$ -	\$ 56,443
US Treasury notes/bonds	27,726	-	27,726	-	-	-
Investment contracts	10,761	-	-	-	-	10,761
Corp medium term notes	3,053	-	3,053	-	-	-
City Treasurer's investment pool <sup>1</sup>						
Money market funds	2,701	-	-	-	-	2,701
Joint powers authority pools	86,432	86,432	-	-	-	-
Local agency investment fund	71,785	-	-	-	-	71,785
Mortgage pass-through securities	15,711	-	15,711	-	-	-
Asset-backed securities	2,446	-	2,446	-	-	-
US Treasury obligations	98,717	-	98,717	-	-	-
Federal agency obligations	40,947	-	40,947	-	-	-
Medium-term corporate notes	32,641	-	32,641	-	-	-
Supranational securities	2,065	-	2,065	-	-	-
Neg certificate of deposit	1,913	-	1,913	-	-	-
Total	\$ 453,341	\$ 86,432	\$ 225,219	\$ -	\$ -	\$ 141,690

Investment Type	June 30,	Quoted Prices in		Significant	Significant	Investments not Subject to Fair Value Hierarchy
	2019 Fair Value	Active Markets for Identical Assets (Level 1)	Other Observable Inputs (Level 2)	Unobservable Inputs (Level 3)		
Held by fiscal agent						
Money market funds	\$ 68,993	\$ -	\$ -	\$ -	\$ -	\$ 68,993
US Treasury notes/bonds	39,179	-	39,179	-	-	-
Investment contracts	10,761	-	-	-	-	10,761
Corp medium term notes	6,439	-	6,439	-	-	-
City Treasurer's investment pool <sup>1</sup>						
Money market funds	2,660	-	-	-	-	2,660
Joint powers authority pools	63,644	-	63,644	-	-	-
Mortgage/Asset backed securities	8,822	-	8,822	-	-	-
US Treasury notes/bonds	149,734	-	149,734	-	-	-
Federal agency securities	6,831	-	6,831	-	-	-
Federal agency discount notes	6,712	-	6,712	-	-	-
Corp medium term notes	32,810	-	32,810	-	-	-
Supranational securities	872	-	872	-	-	-
Neg certificate of deposit	2,556	-	2,556	-	-	-
State investment pool	66,646	-	-	-	-	66,646
Total	\$ 466,659	\$ -	\$ 317,599	\$ -	\$ -	\$ 149,060

<sup>1</sup> Additional information on investment types, fair value measurement, interest rate risk and credit risk may be found in the notes to the City's financial statements in the City's CAFR.

## NOTE 2. CASH AND INVESTMENTS (CONTINUED)

Cash and investments distribution by maturities as of June 30, 2020 and 2019, are as follows:

Investment Type	June 30, 2020 Fair Value	Remaining Maturity (In Months)			
		12 Months or less	13 to 36 Months	37 to 60 Months	More than 60 Months
Held by fiscal agent					
Money market funds	\$ 56,443	\$ 56,443	\$ -	\$ -	\$ -
US Treasury notes/bonds	27,726	9,104	18,622	-	-
Investment contracts	10,761	-	-	-	10,761
Corp medium term notes	3,053	3,053	-	-	-
City Treasurer's investment pool <sup>1</sup>					
Money market funds	2,701	2,701	-	-	-
Joint powers authority pools	86,432	86,432	-	-	-
Local agency investment fund	71,785	71,785	-	-	-
Mortgage pass-through securities	15,711	-	10,708	5,003	-
Asset-backed securities	2,446	-	-	2,446	-
US Treasury obligations	98,717	18,287	45,908	34,522	-
Federal agency obligations	40,947	3,866	16,015	21,066	-
Medium-term corporate notes	32,641	2,559	19,169	10,913	-
Supranational securities	2,065	-	-	2,065	-
Neg certificate of deposit	1,913	951	962	-	-
<b>Total</b>	<b>\$ 453,341</b>	<b>\$ 255,181</b>	<b>\$ 111,384</b>	<b>\$ 76,015</b>	<b>\$ 10,761</b>

Investment Type	June 30, 2019 Fair Value	Remaining Maturity (In Months)			
		12 Months or less	13 to 36 Months	37 to 60 Months	More than 60 Months
Held by fiscal agent					
Money market funds	\$ 68,993	\$ 68,993	\$ -	\$ -	\$ -
US Treasury notes/bonds	39,179	11,980	21,143	6,056	-
Investment contracts	10,761	-	-	-	10,761
Corp medium term notes	6,439	3,408	3,031	-	-
City Treasurer's investment pool <sup>1</sup>					
Money market funds	2,660	2,660	-	-	-
Joint powers authority pools	63,644	63,644	-	-	-
State investment pool	66,646	66,646	-	-	-
Mortgage/asset backed securities	8,822	3,597	-	5,225	-
US Treasury notes/bonds	149,734	48,792	77,003	23,939	-
Federal agency securities	6,831	513	6,318	-	-
Federal agency discount notes	6,712	6,712	-	-	-
Corp medium term notes	32,810	9,867	13,529	9,414	-
Supranational securities	872	872	-	-	-
Negotiable certificate of deposit	2,556	510	2,046	-	-
<b>Total</b>	<b>\$ 466,659</b>	<b>\$ 288,194</b>	<b>\$ 123,070</b>	<b>\$ 44,634</b>	<b>\$ 10,761</b>

<sup>1</sup> Additional information on investment types, fair value measurement, interest rate risk and credit risk may be found in the notes to the City's financial statements in the City's CAFR.

## NOTE 2. CASH AND INVESTMENTS (CONTINUED)

Presented below is the actual rating as of June 30, 2020 and 2019 for each investment type:

Investment Type	June 30, 2020 Fair Value	Rating as of Year End			
		AAA	AA	A	Unrated
Held by fiscal agent					
Money market funds	\$ 56,443	\$ 22,521	\$ -	\$ 33,879	\$ 43
US Treasury notes/bonds	27,726	27,726	-	-	-
Investment contracts	10,761	-	-	-	10,761
Corp medium term notes	3,053	-	3,053	-	-
City Treasurer's investment pool <sup>1</sup>					
Money market funds	2,701	241	-	-	2,460
Joint powers authority pools	86,432	86,432	-	-	-
Local agency investment fund	71,785	-	-	-	71,785
Mortgage pass-through securities	15,711	-	-	-	15,711
Asset-backed securities	2,446	-	-	-	2,446
US Treasury obligations	98,717	-	98,717	-	-
Federal agency obligations	40,947	-	37,646	-	3,301
Medium-term corporate notes	32,641	-	14,770	17,871	-
Supranational securities	2,065	2,065	-	-	-
Neg certificate of deposit	1,913	-	-	-	1,913
<b>Total</b>	<b>\$ 453,341</b>	<b>\$ 138,985</b>	<b>\$ 154,186</b>	<b>\$ 51,750</b>	<b>\$ 108,420</b>

Investment Type	June 30, 2019 Fair Value	Rating as of Year End			
		AAA	AA	A	Unrated
Held by fiscal agent					
Money market funds	\$ 68,993	\$ 9,900	\$ -	\$ 59,055	\$ 38
US Treasury notes/bonds	39,179	39,179	-	-	-
Investment contracts	10,761	-	-	-	10,761
Corp medium term notes	6,439	-	3,031	3,408	-
City Treasurer's investment pool <sup>1</sup>					
Money market funds	2,660	-	-	2,644	16
State investment pool	66,646	-	-	-	66,646
Joint powers authority pools	63,644	-	63,644	-	-
Mortgage/asset backed securities	8,822	8,822	-	-	-
US Treasury notes/bonds	149,734	149,734	-	-	-
Federal agency securities	6,831	6,318	513	-	-
Federal agency discount notes	6,712	-	-	-	6,712
Corp medium term notes	32,810	-	27,766	5,044	-
Supranational securities	872	872	-	-	-
Neg certificate of deposit	2,556	-	-	-	2,556
<b>Total</b>	<b>\$ 466,659</b>	<b>\$ 214,825</b>	<b>\$ 94,954</b>	<b>\$ 70,151</b>	<b>\$ 86,729</b>

<sup>1</sup> Additional information on investment types, fair value measurement, interest rate risk and credit risk may be found in the notes to the City's financial statements in the City's CAFR.

## NOTE 3. UTILITY PLANT

The following is a summary of changes in utility plant during the fiscal years ended June 30, 2020 and 2019 (in thousands):

	Balance			Balance			Balance
	As of	Retirements/	As of	Retirements/	As of		
	6/30/2018	Additions	Transfers	6/30/2019	Additions	Transfers	6/30/2020
Production	\$ 267,312	\$ 561	\$ -	\$ 267,873	\$ 3,967	\$ (3,752)	\$ 268,088
Transmission	45,007	102	-	45,109	15	(40)	45,084
Distribution	627,891	31,746	(2,713)	656,924	25,057	(1,020)	680,961
General	110,392	3,567	(1,491)	112,468	2,051	-	114,519
Intangibles	21,472	285	-	21,757	229	-	21,986
Depreciable utility plant	1,072,074	36,261	(4,204)	1,104,131	31,319	(4,812)	1,130,638
Less accumulated depreciation:							
Production	(88,715)	(8,949)	-	(97,664)	(8,978)	3,752	(102,890)
Transmission	(18,770)	(899)	-	(19,669)	(886)	40	(20,515)
Distribution	(252,748)	(17,257)	2,633	(267,372)	(18,065)	974	(284,463)
General	(41,718)	(4,989)	1,489	(45,218)	(4,796)	-	(50,014)
Intangibles	(6,106)	(2,377)	-	(8,483)	(2,426)	-	(10,909)
Accumulated depreciation	(408,057)	(34,471)	4,122	(438,406)	(35,151)	4,766	(468,791)
Net depreciable utility plant	664,017	1,790	(82)	665,725	(3,832)	(46)	661,847
Land	52,111	918	-	53,029	3	-	53,032
Intangibles, non-amortizable	10,651	-	-	10,651	-	-	10,651
Construction in progress	54,475	44,553	(33,721)	65,307	26,366	(26,705)	64,968
Nondepreciable utility plant	117,237	45,471	(33,721)	128,987	26,369	(26,705)	128,651
Total utility plant	\$ 781,254	\$ 47,261	\$ (33,803)	\$ 794,712	\$ 22,537	\$ (26,751)	\$ 790,498

## NOTE 4. LONG-TERM OBLIGATIONS

The following is a summary of changes in long-term obligations during the fiscal years ended June 30, 2020 and 2019 (in thousands):

	Balance As of 6/30/2018	Additions	Reductions	Balance As of 6/30/2019	Additions	Reductions	Balance As of 6/30/2020	Due Within One Year
Revenue bonds	\$ 493,414	\$ 333,120	\$ (249,620)	\$ 576,914	\$ 41,025	\$ (12,154)	\$ 605,785	\$ 15,355
Pension obligation bonds	10,418	-	(2,018)	8,400	66,284	(1,718)	72,966	2,015
Direct Borrowings:								
Private placement revenue bonds <sup>1</sup>	41,925	-	(900)	41,025	-	-	-	-
Leased purchase	3,098	-	(824)	2,274	-	(830)	1,444	535
Total long-term obligations	\$ 548,855	\$ 333,120	\$ (253,362)	\$ 628,613	\$ 107,309	\$ (14,702)	\$ 680,195	\$ 17,905

<sup>1</sup> In FY19-20, the bonds were remarketed as public securities from private placement revenue bonds in order to obtain a lower rate. The structure of the bonds and the existing swap remain the same. For June 30, 2020 outstanding balance refer to the Revenue Bonds Payable section of the Note 4.

Long-term debt consists of the following (in thousands):

### PENSION OBLIGATION BONDS PAYABLE

	June 30, 2020	June 30, 2019
<b>\$30,000 2005 Taxable Pension Obligation Bonds Series A:</b> fixed rate bonds issued by the City due in annual installments from \$630 to \$3,860 through June 2020, with coupons from 3.9 to 4.8 percent. The Electric Utility's proportional share of the outstanding debt is 29.6 percent.	\$ -	\$ 789
<b>\$31,960 2017 Taxable Pension Obligation Bonds Series A:</b> fixed rate bonds issued by the City due in annual installments from \$2,910 to \$3,580 through June 2027, with coupons from 1.3 to 3.1 percent. The Electric Utility's proportional share of the outstanding debt is 29.4 percent.	6,847	7,611
<b>\$432,165 2020 Taxable Pension Obligation Bonds Series A:</b> fixed rate bonds issued by the City due in annual installments from \$1,285 to \$14,625 through June 2045, with coupons from 1.6 to 3.9 percent. The Electric Utility's proportional share of the outstanding debt is 32.9 percent.	66,119	-
Total pension obligation bonds payable	72,966	8,400

## NOTE 4. LONG-TERM OBLIGATIONS (CONTINUED)

### REVENUE BONDS PAYABLE

	June 30, 2020	June 30, 2019
<b>\$141,840 2008 Electric Refunding/Revenue Bonds:</b>		
<b>A - \$84,515 2008 Series A Bonds</b> - variable rate bonds due in annual principal installments from \$4,575 to \$7,835 through October 1, 2029. Interest rate is subject to weekly repricing (net interest rate, including swaps, at June 30, 2018 was 3.0 percent). Partially refunded \$13,975 on July 25, 2013 with the 2013 Electric Revenue Refunding Bonds. Partially refunded \$31,500 on April 1, 2019 with 2019A Electric Refunding Bonds.	\$ 34,465	\$ 34,465
<b>C - \$57,325 2008 Series C Bonds</b> - variable rate bonds due in annual principal installments from \$700 to \$5,200 through October 1, 2035. Interest rate is subject to weekly repricing (net interest rate, including swaps, at June 30, 2020 was 3.1 percent). Partially refunded \$11,775 on July 25, 2013 with the 2013 Electric Revenue Refunding Bonds. Partially refunded \$8,925 on April 1, 2019 with 2019A Electric Refunding Bonds.	32,150	32,150
<b>\$140,380 2010 Electric Revenue Bonds:</b>		
<b>A - \$133,290 2010 Electric Revenue Series A Bonds:</b> fixed rate, federally taxable Build America Bonds due in annual principal installments from \$2,300 to \$33,725, from October 1, 2020 through October 1, 2040, interest from 3.9 to 4.9 percent	133,290	133,290
<b>B - \$7,090 2010 Electric Revenue Series B Bonds:</b> fixed rate bonds due in final principal installment of \$2,210 on October 1, 2019, interest of 4.0 percent	-	2,210
<b>\$56,450 2011 Electric Revenue/Refunding Series A Bonds<sup>1</sup>:</b> fixed rate bonds due in annual principal installments from \$725 to \$5,175 through October 1, 2035, interest of 3.2 percent	39,275	-
<b>\$79,080 2013 Electric Revenue Refunding Series A Bonds:</b> fixed rate bonds due in annual principal installments from \$835 to \$2,625 through October 1, 2043, interest from 3.5 to 5.3 percent	38,155	38,990
<b>\$283,325 2019 Electric Revenue Refunding Series A Bonds:</b> fixed rate bonds due in annual principal installments from \$3,545 to \$24,005 through October 1, 2048, interest of 5.0 percent	278,185	283,325
Total electric revenue bonds payable	555,520	524,430
Total electric revenue and pension obligation bonds payable	628,486	532,830
Unamortized bond premium	50,265	52,484
Total electric revenue and pension obligation bonds payable, including bond premium	678,751	585,314
Less current portion of revenue and pension obligation bonds payable	(17,370)	(9,903)
Total long-term electric revenue and pension obligation bonds payable	<u>\$ 661,381</u>	<u>\$ 575,411</u>

<sup>1</sup> In FY19-20, the bonds were remarketed as public securities from private placement revenue bonds in order to obtain a lower rate. The structure of the bonds and the existing swap remain the same. For June 30, 2020 outstanding balance refer to the Revenue Bonds Payable section of the Note 4.

## NOTE 4. LONG-TERM OBLIGATIONS (CONTINUED)

The Electric Utility is obligated to pay its share of the City's pension obligation bonds, which the City issued in 2005 and refinanced a portion in May 2017.

For fiscal year ended June 30, 2020, the City issued \$432,165 2020 Taxable Pension Obligation Bonds Series A. The bonds were issued to reduce the City's unfunded pension liability in both the City's Miscellaneous and Safety CalPERS plans. It is estimated the issuance will save the City's General Fund \$7.6M in pension costs in FY 2021 and FY 2022 with a projected overall savings of \$178.5 million through the life of the bonds. The fixed rate bonds issued by the City due in annual installments from \$1,285 to \$14,625 through June 2045, with coupons from 1.6 to 3.9 percent. The Electric Utility's proportional share of the outstanding debt is 32.9 percent.

The Electric Utility's proportional share of the outstanding principal amount of the bonds was \$72,966 and \$8,400 as of June 30, 2020 and 2019, respectively. The bond proceeds were deposited with CalPERS to fund the unfunded actuarial accrued liability for non-safety employees. For more discussion relating to the City's pension obligation bond issuance, see the notes to the City's financial statements in the City's CAFR for the fiscal year ended June 30, 2020.

Remaining pension obligation bond debt service payments will be made from revenues of the Electric Fund. Annual debt service requirements to maturity as of June 30, 2020 are as follows (in thousands):

Fiscal Year	Principal	Interest	Total
2021	\$ 2,015	\$ 2,177	\$ 4,192
2022	3,310	2,196	5,506
2023	4,232	2,132	6,364
2024	5,118	2,044	7,162
2025	5,675	1,930	7,605
2026-2030	20,544	7,627	28,171
2031-2035	14,840	5,119	19,959
2036-2040	13,926	2,148	16,074
2041-2045	3,306	194	3,500
Total	\$ 72,966	\$ 25,567	\$ 98,533

All electric revenue bonds are covenanted per the Amended and Restated Resolution No. 17662 (Electric) Master Resolution that upon the occurrence and continuation of an event of default, the owners of 25% in aggregate amount of Bond Obligation may, by written notice to the City, declare the entire unpaid principal and accreted value of the bonds due and payable should the City fail to pay its debts as they become due or upon the entry of any decree or order of bankruptcy of the City.

In May 2018, the Electric Utility defeased \$11,005 of the total outstanding \$206,280 of Electric Revenue Bonds, Issue 2008D with monies received from settlements and cost recoveries associated with the early closure of the SONGS Units 2 and 3. The partial defeasance related to bond proceeds that funded part of the Steam Generator Replacement Project and other SONGS capital costs. The partial bond defeasance reduced debt and realized interest savings of \$10,233 over the remaining 20-year life of the bonds. On April 1, 2019, the Electric Utility fully refunded the remaining balance of \$191,715 with the issuance of the 2019 Electric Revenue Refunding Series A Bonds.

\$283,325 2019 Electric Revenue/Refunding Bonds; Series A. The bonds were issued in February 2019 to fund short-term and long-term capital projects, refund the 2008 Electric Revenue Bonds; Series D, and partially refund and partially unwind the swap on the 2008 Electric Revenue Bonds; Series A and C. The refunding transactions resulted in a total net present value savings of \$36,810. 5% due in annual installments from \$3,545 to \$24,005 through 10/1/2048.

## NOTE 4. LONG-TERM OBLIGATIONS (CONTINUED)

Remaining revenue bond debt service payments will be made from revenues of the Electric Fund. Annual debt service requirements to maturity as of June 30, 2020 are as follows (in thousands):

<b>Fiscal Year</b>	<b>Principal</b>	<b>Interest</b>	<b>Total</b>
2021	\$ 15,355	\$ 25,736	\$ 41,091
2022	16,035	24,954	40,989
2023	16,760	24,174	40,934
2024	17,515	23,362	40,877
2025	18,335	22,488	40,823
2026-2030	96,380	99,127	195,507
2031-2035	130,935	73,573	204,508
2036-2040	159,670	41,840	201,510
2041-2045	64,065	9,655	73,720
2046-2050	20,470	2,110	22,580
Premium	50,265	-	50,264
<b>Total</b>	<b>\$ 605,785</b>	<b>\$ 347,019</b>	<b>\$ 952,803</b>

The Electric Utility has a number of debt issuances (revenue bonds) outstanding that are collateralized by the pledging of electric revenues. The amount and term of the remainder of these commitments are indicated in the revenue bonds payable and annual debt service requirements to maturity tables presented within this Note 4. The purpose of the debt issuances was for the financing of various Electric Utility capital improvement projects. For June 30, 2020 and 2019, debt service payments as a percentage of the pledged gross revenue, net of certain expenses where so required by the debt agreement, are indicated in the table below. The debt service coverage ratios also approximate the relationship of the debt service to pledged revenue for the remainder of the term of the commitment.

<b>Fiscal Year Ended</b>	<b>Description of Pledged Revenues</b>	<b>Annual Amount of Pledged Revenue (net of expenses)<sup>1, 2</sup></b>	<b>Annual Debt Service Payments</b>	<b>Debt Service Coverage Ratio</b>
June 30, 2020	Electric revenues	\$ 101,328	\$ 38,633	2.62
June 30, 2019	Electric revenues	\$ 95,052	\$ 42,409	2.24

<sup>1</sup> Excludes GASB 68 Accounting and Financial Reporting for Pension non-cash adjustments of 3,364 and (\$1,323) for June 30, 2020 and 2019, respectively.

<sup>2</sup> Excludes GASB 75 Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions non-cash adjustments of \$489 and \$301 for June 30, 2020 and 2019, respectively.

## LINE OF CREDIT

On February 1, 2019, the City entered into a subordinate line of credit agreement with U.S. Bank, National Association. The Subordinate Line of Credit is a tool approved through the Electric and Water Utility Five-Year Rate Plan to manage rate increases by enabling the Electric Utility to reduce cash levels while maintaining compliance with the Riverside Public Utilities Cash Reserve Policy. Under the terms and conditions of the agreement, the City may borrow up to \$35,000 for purposes of the capital or operating financial needs of the Electric System. There were no borrowings against the line as of June 30, 2020.

## NOTE 4. LONG-TERM OBLIGATIONS (CONTINUED)

### LETTERS OF CREDIT

The Electric Utility's 2008 Electric Revenue Bonds (Series A and C) require an additional layer of security between the Electric Utility and the purchaser of the bonds. The Electric Utility has entered into the following letters of credit (LOC) in order to provide liquidity should all or a portion of the debt be optionally tendered to the remarketer without being successfully remarketed:

<b>Debt Issue</b>	<b>LOC Provider</b>	<b>LOC Expiration Date</b>	<b>Annual Commitment Fee</b>
2008 Electric Refunding/Revenue Bonds Series A	Barclays Bank, PLC	2021	0.325%
2008 Electric Refunding/Revenue Bonds Series C	Barclays Bank, PLC	2021	0.325%
2011 Electric Refunding/Revenue Bonds Series A	Bank of America, N.A.	2023	0.295%

To the extent that remarketing proceeds are insufficient or not available, tendered amounts will be paid from drawings made under an irrevocable direct-pay letter of credit.

Liquidity advances drawn against the 2008A and 2008C LOCs that are not repaid will be converted to an installment loan with principal to be paid quarterly not to exceed a 5-year period. Liquidity advances drawn against the 2011A LOC that are not repaid will be converted to an installment loan with principal to be paid quarterly not to exceed a 3-year period. The Electric Utility would be required to pay annual interest equal to the highest of 8 percent, the Prime Rate plus 2.5 percent, the Federal Funds Rate plus 2.5 percent and 150 percent of the yield on the 30-year U.S. Treasury Bond. No amounts have ever been drawn against the three LOCs due to a failed remarketing.

The various indentures allow the Electric Utility to convert the mode of the debt in the case of a failed remarketing.

### DIRECT BORROWINGS

#### PRIVATE PLACEMENT REVENUE BONDS PAYABLE

	<b>June 30, 2020</b>	<b>June 30, 2019</b>
<b>\$56,450 2011 Electric Revenue/Refunding Series A Bonds<sup>1</sup></b> : the bonds were issued at a variable rate; however, the City entered into an agreement to convert to a fixed rate of 3.2%. For information on the swap agreements, see below. Bonds are due in annual principal installments from \$725 to \$5,175 through October 1, 2035. Partially refunded \$11,825 on July 25, 2013 with the 2013 Electric Revenue Refunding Bonds.	-	\$ 41,025
Total private placement revenue bonds payable	-	\$ 41,025

<sup>1</sup> In FY 19-20, the bonds were remarketed as public securities from private placement revenue bonds in order to obtain a lower rate. The structure of the bonds and the existing swap remain the same. For June 30, 2020 outstanding balance refer to the Revenue Bonds Payable section of the Note 4.

## NOTE 4. LONG-TERM OBLIGATIONS (CONTINUED)

### INTEREST RATE SWAPS ON REVENUE BONDS

The Electric Utility has three cash flow hedging derivative instruments, which are pay-fixed swaps. These swaps were employed as a hedge against debt that was refunded in 2008 and 2011. At the time of the refunding, hedge accounting ceased to be applied. The balance of the deferral account for each swap is included as part of the deferred loss on refunding associated with the new bonds. The swaps were also employed as a hedge against the new debt. Hedge accounting was applied to that portion of the hedging relationship, which was determined to be effective. The negative fair value of the interest rate swaps related to the new hedging relationship has been recorded and deferred on the Statements of Net Position.

A summary of the derivative activity for the year ended June 30, 2020 is as follows:

	Notional Amount	Fair Value as of 6/30/2020	Change in Fair Value for Fiscal Year
2008 Electric Refunding/Revenue Bonds Series A	\$ 34,465	\$ (6,498)	\$ (1,796)
2008 Electric Refunding/Revenue Bonds Series C	\$ 32,150	\$ (10,288)	\$ (3,318)
2011 Electric Refunding/Revenue Bonds Series A	\$ 39,275	\$ (10,665)	\$ (3,300)

**Objective:** In order to lower borrowing costs as compared to fixed-rate bonds, the Electric Utility entered into interest rate swap agreements in connection with its \$141,840 2008 Electric Refunding/Revenue Bonds (Series A and C) and \$56,450 2011 (Series A).

**Terms:** Per the existing swap agreements, the Electric Utility pays the counterparty a fixed payment and receives a variable payment computed as 62.68 percent of the London Interbank Offering Rate ("LIBOR") one month index plus 12 basis points. The swaps have notional amounts equal to the principal amounts stated above. The notional value of the swaps and the principal amounts of the associated debt decline by \$6,000 to \$7,835 (2008 Series A), \$700 to \$5,200 (2008 Series C) and \$725 to \$5,175 (2011 Series A) until the debt is completely retired in fiscal years 2030 (2008 Series A) and 2036 (2008 Series C and 2011 Series A).

The bonds and the related swap agreements for the Electric Refunding/Revenue 2008 (Series A) Bonds mature on October 1, 2029 and the 2008 (Series C) and 2011 (Series A) Bonds mature on October 1, 2035. As of June 30, 2019, rates were as follows:

Interest rate swap:	Terms	2008 Electric Refunding/Revenue Series A Bonds	2008 Electric Refunding/Revenue Series C Bonds	2011 Electric Refunding/Revenue Series A Bonds
		Rates	Rates	Rates
Fixed payment to counterparty	Fixed	3.11100%	3.20400%	3.20100%
Variable payment from counterparty	62.68 LIBOR + 12bps	(0.61286%)	(0.61351%)	(0.65471%)
Net interest rate swap payments		2.49814%	2.59049%	2.54629%
Variable-rate bond coupon payments		0.51559%	0.51420%	0.64268%
Synthetic interest on bonds		3.01373%	3.10469%	3.18897%

**Fair value:** As of June 30, 2020, in connection with all swap agreements, the transactions had a total negative fair value of (\$27,451). Because the coupons on the Electric Utility's variable-rate bonds adjust to changing interest rates, the bonds do not have a corresponding fair value decrease. The fair value was developed by a pricing service using the zero-coupon method. This method calculates the future net settlement payments required by the swaps, assuming that the current forward rates implied by the yield curve correctly anticipate future spot interest rates. These payments are then discounted using the spot rates implied by the current yield curve for hypothetical zero-coupon bonds due on the date of each future net settlement of the swap.

## NOTE 4. LONG-TERM OBLIGATIONS (CONTINUED)

**Credit risk:** As of June 30, 2020, the Electric Utility was not exposed to credit risk because the swaps had a negative fair value. The swaps counterparties, J.P. Morgan Chase & Co. and Bank of America Corp., were rated A- and BBB+ respectively by Standard & Poor's (S&P). To mitigate the potential for credit risk, the swap agreements require the fair value of the swaps to be collateralized by the counterparty with U.S. Government securities if the counterparties' rating decreases to negotiated trigger points. Collateral would be posted with a third-party custodian. At June 30, 2020, there is no requirement for collateral posting for any of the outstanding swaps.

**Basis risk:** As noted above, the swaps expose the Electric Utility to basis risk should the relationship between LIBOR and the variable interest rates converge, changing the synthetic rate on the bonds. If a change occurs that results in the rates moving to convergence, the expected cost savings may not be realized.

**Termination risk:** The derivative contract uses the International Swap Dealers Association Master Agreement, which includes standard termination events, such as failure to pay and bankruptcy. The Schedule to the Master Agreement includes an "additional termination event." That is, a swap may be terminated by the Electric Utility if either counterparty's credit quality falls below "BBB-" as issued by S&P. The Electric Utility or the counterparty may terminate a swap if the other party fails to perform under the terms of the contract. If a swap is terminated, the variable-rate bond would no longer carry a synthetic interest rate. Also, if at the time of termination, a swap has a negative fair value, the Electric Utility would be liable to the counterparty for a payment equal to the swap's fair value.

**Swap payments and associated debt:** As of June 30, 2020, the debt service requirements of the variable-rate debt and net swap payments, assuming current interest rates remain the same for their term, are summarized in the table below. As rates vary, variable-rate bond interest payments and net swap payments will vary.

Fiscal Year Ending June 30,	Variable-Rate Bonds			
	Principal	Interest	Interest Rate Swaps, Net	Total
2020	\$ 1,825	\$ 648	\$ 2,913	\$ 5,386
2021	1,900	633	2,855	5,388
2022	1,950	618	2,795	5,363
2023	725	610	2,764	4,099
2024	725	605	2,741	4,071
2025-2029	41,690	2,407	10,784	54,881
2030-2034	46,700	1,046	4,601	52,347
2035-2039	10,375	17	75	10,467
Total	\$ 105,890	\$ 6,584	\$ 29,528	\$ 142,002

## LEASE PURCHASE FINANCING

The Electric Utility has entered into sixteen purchase lease agreements as a lessee for financing sixteen compressed natural gas heavy duty service trucks. All leases have seven-year terms of monthly payments with interest rates ranging from 2.0 percent to 2.5 percent. The total gross value of all existing leases is \$5,715 with depreciation over the seven-year terms of the leases using the straight-line method. As of June 30, 2020 and 2019, the total liability was \$1,444 and \$2,274, respectively, with the current portion included in accounts payable and other accruals. The remaining annual lease payments for the life of the leases is \$559 annually in fiscal years ended June 30, 2021 and 2022, and \$366 in fiscal year ended June 30, 2023. Total outstanding lease payments are \$1,484, with \$1,444 representing the present value of the net minimum lease payments and \$40 representing interest.

## NOTE 5. COMPENSATED ABSENCES

A liability is recorded for unused vacation and similar compensatory leave balances since the employees' entitlement to these balances are attributable to services already rendered and it is probably that virtually all of these balances will be liquidated by either paid time-off or payments upon termination or retirement.

Below is a summary of changes in Compensated absences for the Electric Utility during the fiscal year.

	Balance As of 6/30/2018			Balance As of 6/30/2019			Balance As of 6/30/2020	Due Within One Year
	Additions	Reductions	Additions	Reductions				
Compensated absences	\$ 5,068	\$ 4,597	\$ (4,352)	5,313	4,750	(4,201)	5,862	4,635

## NOTE 6. EMPLOYEE RETIREMENT PLAN

### PLAN DESCRIPTION

The City contributes to CalPERS, an agent multiple employer public employee defined benefit pension plan. CalPERS provides retirement and disability benefits, annual cost-of-living adjustments, and death benefits to plan members and beneficiaries. CalPERS acts as a common investment and administrative agent for participating public entities within the State of California. CalPERS issues a publicly available financial report that includes financial statements and required supplementary information for the cost sharing plans that are administered by CalPERS. Benefit provisions and all other requirements are established by state statute and City ordinance. A copy of CalPERS' annual financial report may be obtained online at [www.calpersca.gov](http://www.calpersca.gov). The Electric Utility participates in the City's Miscellaneous (non-safety) Plan (the Plan).

### FUNDING POLICY

The City has contributed at the actuarially determined rate provided by CalPERS' actuaries. Participants are required to contribute 8 percent of their annual covered salary. The City has a multiple tier retirement plan with benefits varying by plan. All permanent full-time and selected part-time employees are eligible for participation in CalPERS. Benefits vest after five years of service and are determined by a formula that considers the employee's age, years of service and salary. Under the Plan, the City pays the employees' contribution to CalPERS for employees hired on or before specific dates as follows:

- 1<sup>st</sup> Tier –
  - The retirement formula is 2.7 percent at age 55 for employees hired before October 19, 2011. Effective January 1, 2018 for unrepresented employees (Sr. Management, Management, Professional, Para-professional, Supervisory, Confidential, and Executive units), the employees were required to pay 2 percent of the employee contribution of their pensionable income, with the City contributing the other 6 percent. Effective January 1, 2019, employees will be required to pay an additional portion of their pensionable income. This portion is a three year increase of 2 percent (2019), 2 percent (2020) and 2 percent (2021). By 2021, employees will be contributing the entire 8 percent of their pensionable income.
  - The retirement formula is 2.7 percent at age 55 for SEIU employees hired before June 7, 2011. The employee is required to pay 6 percent of their pensionable income with the City contributing the other 2 percent. Effective January 1, 2019, employees will be required to pay an additional portion of their pensionable income. This portion is a two-year increase

## NOTE 6. EMPLOYEE RETIREMENT PLAN (CONTINUED)

of 1 percent (2019) and 1 percent (2020). By 2020, employees will be contributing the entire 8 percent of their pensionable income.

- The retirement formula is 2.7 percent at age 55 for IBEW employees hired before October 19, 2011. Effective November 1, 2017 employees contributed 2 percent of their total pensionable income with the City paying the remaining 6 percent. Effective November 1, 2018, employees will be required to pay an additional portion of their pensionable income. This portion is a three-year increase of 2 percent (2018), 2 percent (2019) and 2 percent (2020). By 2020, employees will be contributing the entire 8 percent of their pensionable income.
- 2<sup>nd</sup> Tier - The retirement formula is 2.7 percent at age 55, and:
  - SEIU employees hired on or after June 7, 2011 pay their share (8 percent) of contributions.
  - All other miscellaneous employees hired on or after October 19, 2011 pay their share (8 percent) of contributions.
- 3<sup>rd</sup> Tier – The retirement formula is 2 percent at age 62 for new members hired on or after January 1, 2013 and the employee must pay the employee share ranging from 7 percent to 8 percent based on bargaining group classification. Classic members (CalPERS members prior to 12/31/12) hired on or after January 1, 2013 may be placed in a different tier.

The contribution requirements of plan members and the City are established and may be amended by CalPERS.

### BENEFITS PROVIDED

CalPERS provides service retirement and disability benefits, annual cost of living adjustments and death benefits to plan members, who must be public employees and beneficiaries. Benefits are based on years of credited service, equal to one year of full-time employment. Members with five years of total service are eligible to retire at age 50 with statutorily reduced benefits. All members are eligible for non-duty disability benefits after five years of service. The death benefit is one of the following: the Basic Death Benefit, the 1959 Survivor Benefit Level III, or the Optional Settlement 2W Death Benefit. The cost of living adjustments for the Plan are applied as specified by the Public Employees' Retirement Law.

### EMPLOYEES COVERED

As of measurement date June 30, 2019 and 2018, the following employees, City-wide, were covered by the benefit terms of the Plan:

	Measurement Date	
	<u>June 30, 2019</u>	<u>June 30, 2018</u>
Inactive employees or beneficiaries currently receiving benefits	2,252	2,184
Inactive employees entitled to but not yet receiving benefits	1,411	1,375
Active employees	1,606	1,607

### CONTRIBUTIONS

Section 20814(c) of the California Public Employees' Retirement Law requires that the employer contribution rates for all public employers be determined on an annual basis by the actuary and shall be

## NOTE 6. EMPLOYEE RETIREMENT PLAN (CONTINUED)

effective on the July 1 following notice of a change in the rate. Funding contributions for the Plan is determined annually on an actuarial basis as of June 30 by CalPERS. The actuarially determined rate is the estimated amount necessary to finance the costs of benefits earned by employees during the year, with an additional amount to finance any unfunded accrued liability. The City is required to contribute the difference between the actuarially determined rate and the contribution rate of employees.

### NET PENSION LIABILITY

The City's net pension liability for the Plan is measured as the total pension liability, less the pension plan's fiduciary net position. For fiscal year ended June 30, 2020, the net pension liability of the Plan is measured as of June 30, 2019, using an annual actuarial valuation as of June 30, 2018 rolled forward to June 30, 2019 using standard update procedures. For fiscal year ended June 30, 2019, the net pension liability of the Plan is measured as of June 30, 2018, using an annual actuarial valuation as of June 30, 2017 rolled forward to June 30, 2018 using standard update procedures. A summary of principal assumptions and methods used to determine the net pension liability is shown below.

### ACTUARIAL ASSUMPTIONS

The total pension liabilities in the June 30, 2019 and 2018 actuarial valuations were determined using the following actuarial assumptions:

	<u>Miscellaneous - Current Year</u>	<u>Miscellaneous - Prior Year</u>
Valuation Date	June 30, 2018	June 30, 2017
Measurement Date	June 30, 2019	June 30, 2018
Actuarial Cost Method	Entry-Age Normal Cost Method	Entry-Age Normal Cost Method
Actuarial Assumptions		
Discount Rate	7.15%	7.15%
Inflation	2.50%	2.50%
Salary Increase	Varies by entry age and service	Varies by entry age and service
Mortality Rate Table <sup>1</sup>	Derived using CalPERS' membership data for all funds.	
Post Retirement Benefit Increase	The lesser of contract COLA or 2.50% until Purchasing Power Protection Allowance floor on purchasing power applies, 2.50% thereafter	Contract COLA up to 2.0% until Purchasing Power Protection Allowance Floor on Purchasing Power applies, 2.50% thereafter

<sup>1</sup> The mortality table used was developed based on CalPERS-specific data. The probabilities of mortality are based on the 2017 CalPERS Experience Study for the period from 1997 to 2015. Pre-retirement and Post-retirement mortality rates include 15 years of projected mortality improvement using 90% of Scale MP-2016 published by the Society of Actuaries. For more details on this table, please refer to the CalPERS Experience Study and Review of Actuarial Assumptions report from December 2017 that can be found on the CalPERS website.

### CHANGES IN ASSUMPTIONS

There were no changes in assumptions for the measurement date of June 30, 2019.

## NOTE 6. EMPLOYEE RETIREMENT PLAN (CONTINUED)

### DISCOUNT RATE

The discount rate used to measure the Plan's total pension liability was 7.15 percent measurement date as of June 30, 2019 and 2018. The projection of cash flows used to determine the discount rate assumed that contributions from plan members will be made at the current member contribution rates and that contributions from employers will be made at statutorily required rates, actuarially determined. Based on those assumptions, the Plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

### LONG-TERM DISCOUNT RATE OF RETURN

The long-term expected rate of return on pension plan investments was determined using a building-block method in expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class.

In determining the long-term expected rate of return, CalPERS took into account both short-term and long-term market return expectations as well as the expected pension fund cash flows. Using historical returns of all of the funds' asset classes, expected compound (geometric) returns were calculated over the short-term (first 10 years) and the long-term (11+ years) using a building-block approach. Using the expected nominal returns for both short-term and long-term, the present value of benefits was calculated for each fund. The expected rate of return was set by calculating the rounded single equivalent expected return that arrived at the same present value of benefits for cash flows as the one calculated using both short-term and long-term returns. The expected rate of return was then set equal to the single equivalent rate calculated above and adjusted to account for assumed administrative expenses. The expected real rates of return by asset class are as follows:

#### June 30, 2019 Measurement Date

<b>Asset Class (1)</b>	<b>Current Target Allocation</b>	<b>Real Return Years 1 - 10 (2)</b>	<b>Real Return Years 11+ (3)</b>
Global Equity	50.00%	4.80%	5.98%
Fixed Income	28.00%	1.00%	2.62%
Inflation Assets	0.00%	0.77%	1.81%
Private Equity	8.00%	6.30%	7.23%
Real Assets	13.00%	3.75%	4.93%
Liquidity	1.00%	0.00%	-0.92%

(1) In the System's CAFR, Fixed Income is included in Global Debt Securities; Liquidity is included in Short-term Investments; Inflation Assets are included in both Global Equity Securities and Global Debt Securities.

(2) An expected inflation of 2.00% used for this period.

(3) An expected inflation of 2.92% used for this period.

## NOTE 6. EMPLOYEE RETIREMENT PLAN (CONTINUED)

### June 30, 2018 Measurement Date

<u>Asset Class (1)</u>	<u>Current Target Allocation</u>	<u>Real Return Years 1 - 10 (2)</u>	<u>Real Return Years 11+ (3)</u>
Global Equity	50.0%	4.80%	5.98%
Fixed Income	28.0%	1.00%	2.62%
Inflation Assets	0.0%	0.77%	1.81%
Private Equity	8.0%	6.30%	7.23%
Real Assets	13.0%	3.75%	4.93%
Liquidity	1.0%	0.00%	-0.92%

(1) In the System's CAFR, Fixed Income is included in Global Debt Securities; Liquidity is included in Short-term Investments; Inflation Assets are included in both Global Equity Securities and Global Debt Securities.

(2) An expected inflation of 2.00% used for this period.

(3) An expected inflation of 2.92% used for this period.

## CHANGES IN THE NET PENSION LIABILITY

The changes in the Electric Utility's proportionate share of the net pension liability as of June 30, 2020 (measurement date June 30, 2019) and 2019 (measurement date June 30, 2018) for the Plan are as follows:

<u>June 30, 2020</u>	<u>Net Pension Liability</u>	<u>Proportion of the Plan</u>
Proportion - Reporting date June 30, 2020 (Measurement Date June 30, 2019)	\$ 89,792	30.73%
Proportion - Reporting date June 30, 2019 (Measurement Date June 30, 2018)	84,468	30.32%
Changes - Increase / (Decrease)	5,324	0.41%
<b><u>June 30, 2019</u></b>		
Proportion - Reporting date June 30, 2019 (Measurement Date June 30, 2018)	84,468	30.32%
Proportion - Reporting date June 30, 2018 (Measurement Date June 30, 2017)	108,886	31.08%
Changes - Increase / (Decrease)	(24,418)	-0.76%

## NOTE 6. EMPLOYEE RETIREMENT PLAN (CONTINUED)

### SENSITIVITY OF THE NET PENSION LIABILITY TO CHANGES IN THE DISCOUNT RATE

The following presents the Electric Utility's proportionate share of the net pension liability of the Plan, calculated using the discount rate of 7.15 percent, as well as what the Electric Utility's proportionate share of the net pension liability would be if it was calculated using a discount rate that is 1-percentage point lower or 1-percentage point higher than the current rate:

	Measurement Date June 30, 2019			Measurement Date June 30, 2018		
	Discount Rate	Current	Discount Rate	Discount Rate	Current	Discount Rate
	- 1%	Discount Rate	+1%	- 1%	Discount Rate	+1%
	(6.15%)	(7.15%)	(8.15%)	(6.15%)	(7.15%)	(8.15%)
Electric Utility's proportionate share of the Plan's net pension liability	\$ 149,315	\$ 89,792	\$ 40,832	\$ 140,951	\$ 84,468	\$ 38,024

Detailed information about the Plan's fiduciary net position is available in the separately issued CalPERS financial reports.

### PENSION EXPENSES AND DEFERRED OUTFLOWS/INFLOWS OF RESOURCES RELATED TO PENSION

For the fiscal years ended June 30, 2020 and 2019, the Electric Utility recognized pension expense of \$16,125 and \$9,133, respectively. At June 30, 2020 and 2019, the Electric Utility reported deferred outflows of resources and deferred inflows of resources related to pension from the following sources:

	June 30, 2020		June 30, 2019	
	Deferred Outflows of Resources	Deferred Inflows of Resources	Deferred Outflows of Resources	Deferred Inflows of Resources
Pension contribution subsequent to measurement date	\$ 78,636	\$ -	\$ 10,456	\$ -
Change in Assumptions	3,609	(4,292)	10,650	(8,006)
Difference between expected and actual experience	1,323	(3,494)	-	(7,780)
Net difference between projected and actual earnings on pension plan investments	-	(1,434)	1,194	-
Total	\$ 83,568	\$ (9,220)	\$ 22,300	\$ (15,786)

\$78,636 reported as deferred outflows of resources related to contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the year ended June 30, 2021.

## NOTE 6. EMPLOYEE RETIREMENT PLAN (CONTINUED)

Amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized as pension expense as follows:

<u>Year Ended June 30</u>	<u>Deferred Outflows/ (Inflows) of Resources</u>
2020	\$ (623)
2021	(3,742)
2022	(284)
2023	361
Total	<u>\$ (4,288)</u>

## NOTE 7. OTHER POST-EMPLOYMENT BENEFITS (OPEB)

### PLAN DESCRIPTION

The City's defined benefit OPEB plan, Retiree Health Plan, provides continuation of medical (including prescription drugs) and dental coverage benefits to retirees and surviving spouses in the form of an implied rate subsidy. The Retiree Health Benefits plan is a single employer defined benefit OPEB plan administered by the City. No assets are accumulated in a trust that meets the criteria in paragraph 4 of GASB Statement No. 75.

### BENEFITS PROVIDED

Eligibility for continuation of coverage requires retirement from the City and CalPERS with at least 5 years of City service. The retiree is responsible for 100% of the premium cost for coverage, which is based on the blended experience of both the active and retired employees. The City is not required by law or contractual agreement to provide funding other than the pay-as-you-go amount necessary to provide current benefit to eligible retirees and beneficiaries. Retiree and spousal coverage terminate when the retiree becomes covered under another employer health plan, or when the retiree reaches Medicare eligibility age, which is currently age 65. However, retiree benefit continues to the surviving spouse if the retiree elects the CalPERS survivor annuity.

As of measurement date June 30, 2019 and 2018, the following employees, City-wide, were covered by the benefit terms:

	<u>Measurement Date June 30, 2019</u>	<u>Measurement Date June 30, 2018</u>
Inactive plan members or beneficiaries currently receiving benefits	274	304
Inactive plan members entitled to but not yet receiving benefits	-	-
Active plan members	2,138	2,121

## NOTE 7. OTHER POST-EMPLOYMENT BENEFITS (OPEB) (CONTINUED)

### ACTUARIAL ASSUMPTIONS

The total OPEB liability was determined by actuarial valuation as of June 30, 2019 and 2018 using the following actuarial assumptions:

	<u>Miscellaneous - Current Year</u>	<u>Miscellaneous - Prior Year</u>
Valuation Date	June 30, 2018	June 30, 2017
Measurement Date	June 30, 2019	June 30, 2018
Actuarial Cost Method	Pay-as-you-go for implicit rate subsidy	Pay-as-you-go for implicit rate subsidy
Actuarial Assumptions		
Discount rate	3.51% per annum. This discount rate is the maximum of the range of 3-20 year municipal bond rate indices: S&P Municipal Bond 20 Year High Grade Rate Index, Bond Buyer 20-Bond GO index, Fidelity GO AA 20 Year Bond Index.	3.5% - This discount rate is the average, rounded to 5 basis points, of the range of 3-20 year municipal bond rate indices: S&P Municipal Bond 20 Year High Grade Rate Index, Bond Buyer 20-Bond GO Index, and Fidelity GO AA 20 Year Bond Index
Inflation rate	3% per annum	2.5% per annum
Payroll Increases:	3.0%, plus merit increases based on the CalPERS experience study as of December 2017	3% per annum
Merit Increases:	Merit increases from the CalPERS pension plan experience study as of December 2017. The benefits are not payroll related but each individual's projected cost is allocated over their lifetime as a level-percentage of pay.	The benefits are not payroll related but the City's cost for each individual's projected City contribution is allocated over their lifetime as a level-percentage of pay. For cost method purposes the merit increases from the most recent CalPERS pension plan valuation will be used
Mortality	SOA Pub-2010 General Total Dataset Headcount Weighted Mortality Table fully generational using Scale MP-2019	CalPers 2014 Experience Study

### CHANGES OF ASSUMPTIONS

In 2019, the discount rate was changed from 3.5 percent to 3.51 percent.

## NOTE 7. OTHER POST-EMPLOYMENT BENEFITS (OPEB) (CONTINUED)

### SENSITIVITY OF TOTAL OPEB LIABILITY TO CHANGES IN HEALTHCARE COST TREND RATES

The following presents the Electric Utility's, including Public Benefits, proportionate share of the City's total OPEB liability, calculating using the healthcare trend rate of 6.00%/HMO and 6.50%/PPO for the measurement date as of June 30, 2019 and 2018, as well as what the Electric Utility's total OPEB liability would be if it was calculated using a healthcare cost trend rate that is 1-percentage-point lower (5%/HMO and 5.50%/PPO) or 1-percentage-point higher (7.00%/HMO and 7.50%/PPO) than the current rate:

	Measurement Date June 30, 2019			Measurement Date June 30, 2018		
	healthcare cost trend rate			healthcare cost trend rate		
	1% Decrease		1% Increase	1% Decrease		1% Increase
Electric Utility's proportionate share of total OPEB liability	\$ 9,472	\$ 10,708	\$ 12,180	\$ 7,641	\$ 8,572	\$ 9,666

### SENSITIVITY OF TOTAL OPEB LIABILITY TO CHANGES IN DISCOUNT RATES

The following presents the Electric Utility's, including Public Benefits, proportionate share of the City's total OPEB liability, calculating using the discount rate of 3.51% and 3.50% for measurement date of June 30, 2019 and 2018 respectively, as well as what the Electric Utility's total OPEB liability would be if it was calculated using a discount rate that is 1-percentage-point lower (2.51%) or 1-percentage-point higher (4.51%) than the current rate:

	Measurement Date June 30, 2019			Measurement Date June 30, 2018		
	Current Discount Rate			Current Discount Rate		
	1% Decrease (2.51%)	(3.51%)	1% Increase (4.51%)	1% Decrease (2.50%)	(3.50%)	1% Increase (4.50%)
Electric Utility's proportionate share of total OPEB liability	\$ 11,837	\$ 10,708	\$ 9,705	\$ 9,287	\$ 8,572	\$ 7,922

## NOTE 7. OTHER POST-EMPLOYMENT BENEFITS (OPEB) (CONTINUED)

### CHANGE IN TOTAL OPEB LIABILITY

For fiscal year ended June 30, 2020 and 2019, the Electric Utility's, including Public Benefits, recognized total OPEB expense of \$489 and \$645 respectively. The following table shows the change in the Electric Utility's, including Public Benefits, proportionate share of the City's total OPEB liability for the year ended June 30, 2020 (measurement date June 30, 2019):

June 30, 2020	Net OPEB Liability	Proportion of the Plan
Proportion - Reporting date June 30, 2020 (Measurement Date June 30, 2019)	\$ 10,708	21.41%
Proportion - Reporting date June 30, 2019 (Measurement Date June 30, 2018)	8,572	22.36%
Changes - Increase / (Decrease)	2,136	-0.95%
June 30, 2019		
Proportion - Reporting date June 30, 2019 (Measurement Date June 30, 2018)	8,572	22.36%
Proportion - Reporting date June 30, 2018 (Measurement Date June 30, 2017)	8,283	22.52%
Changes - Increase / (Decrease)	289	-0.16%

### DEFERRED OUTFLOWS/INFLOWS OF RESOURCES RELATED TO OPEB

At June 30, 2020, the Electric Utility, including Public Benefits, reported deferred inflows of resources related to OPEB from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Diferrence between expected and actual experience	\$ 48	\$ -
Changes of assumptions	1,553	(262)
Total	\$ 1,601	\$ (262)

## NOTE 7. OTHER POST-EMPLOYMENT BENEFITS (OPEB) (CONTINUED)

Amounts reported as deferred inflows of resources related to OPEB will be recognized in OPEB expense as follows:

Year Ended June 30	Deferred Outflows/ (Inflows) of Resources
2020	\$ 152
2021	152
2022	152
2023	152
2024	152
Thereafter	579
Total	<u>\$ 1,339</u>

## NOTE 8. RESTRICTED NET POSITION

The California Code of Regulations establishes a restriction on the use of proceeds obtained from the sale of greenhouse gas allowances at auctions held pursuant to California's Cap-and-Trade Program. The proceeds are to be used exclusively for the benefit of retail ratepayers of each electrical distribution utility and may not be used for the benefit of entities or persons other than such ratepayers. Accordingly, a reserve for regulatory requirements has been established by restricting assets and reserving a portion of net position. See Note 11 for additional information regarding the Cap-and-Trade Program.

Pursuant to applicable bond indentures, a reserve for debt service has been established by restricting assets and reserving a portion of net position. Bond indentures for the Electric Utility's electric revenue and refunding bonds require debt service reserves that equate to the maximum annual debt service required in future years and bond service reserves of three months interest and nine months principal due in the next fiscal year. Variable rate revenue and refunding bonds require 110 percent of the monthly accrued interest to be included in the reserve. Active electric revenue bonds requiring reserves are issues 2008A & C and certain issues have no debt service reserve requirements (2010A, 2011A, 2013A and 2019A).

## NOTE 9. JOINTLY-GOVERNED ORGANIZATIONS

### SOUTHERN CALIFORNIA PUBLIC POWER AUTHORITY

On November 1, 1980, the City joined with the Imperial Irrigation District and the cities of Los Angeles, Anaheim, Vernon, Azusa, Banning, Colton, Burbank, Glendale and Pasadena to create the Southern California Public Power Authority (SCPPA) by a Joint Powers Agreement under the laws of the State of California. As of July 2001, the City of Cerritos was admitted as an additional member of SCPPA. The primary purpose of SCPPA is to plan, finance, develop, acquire, construct, operate and maintain projects for the generation and transmission of electric energy for sale to its participants. SCPPA is governed by a Board of Directors, which consists of one representative from each of the members. During fiscal years ended June 30, 2020 and 2019, the Electric Utility paid approximately \$28,011 and \$25,999, respectively, to SCPPA under various take-or-pay and renewable contracts that are described in greater detail in Note 11. These payments are reflected as a component of production and purchased power and transmission expenses in the financial statements.

## NOTE 9. JOINTLY-GOVERNED ORGANIZATIONS (CONTINUED)

### POWER AGENCY OF CALIFORNIA

On July 1, 1990, the City joined with the cities of Azusa, Banning and Colton to create the Power Agency of California (PAC) by a Joint Powers Agreement under the laws of the State of California. The City of Anaheim joined PAC on July 1, 1996. The primary purpose of PAC is to take advantage of synergies and economies of scale as a result of the five cities acting in concert. PAC has the ability to plan, finance, develop, acquire, construct, operate and maintain projects for the generation and transmission of electric energy for sale to its participants. PAC is governed by a Board of Directors, which consist of one representative from each of the members. The term of the Joint Powers Agreement is 50 years. Effective June 30, 2001, PAC was placed in an inactive status by the Board of Directors. The Agency can only be reactivated by authorization of the Agency Board.

## NOTE 10. JOINTLY-OWNED UTILITY PROJECT - SONGS

The City has a 1.79 percent undivided ownership interest in Units 2 and 3 of SONGS, located south of the City of San Clemente in northern San Diego County. Both Units 2 and 3 of SONGS were permanently retired in June 2013. Consequently, the units are no longer a source of supply for the Electric Utility, but remain associated with certain of its costs, including those associated with the units' shutdown and decommissioning (see Note 1 for nuclear decommissioning liability).

The other owners are SCE, with a 78.21 percent interest (including the 3.16 percent interest it acquired from the City of Anaheim in 2006), and San Diego Gas & Electric Company (SDG&E), with a 20.00 percent interest.

SONGS was operated and maintained by SCE, under an agreement with the City and SDG&E, which expires upon termination of the easement for the plant in 2024. In 2005, the California Public Utilities Commission (CPUC) authorized a project to install four new steam generators in Units 2 and 3 at SONGS and remove and dispose of the predecessor generators. SCE completed the installation of these steam generators in 2010 and 2011 for Units 2 and 3, respectively. The Electric Utility's share of the cost to replace the steam generators was approximately \$13.4 million. Replacement of the steam generators was expected to enable plant operations to continue through at least 2022, and perhaps beyond, subject to the approval of the NRC.

In January 2012, a water leak occurred in one of the heat transfer tubes of Unit 3's steam generators, causing it to be shut down. At that time, Unit 2 was off-line for a planned outage when unexpected wear in areas of tube-to-support structure were found. Units 2 and 3 remained off-line for extensive inspections, testing and analysis of their steam generators. On June 7, 2013, SCE unilaterally announced its plan to retire Units 2 and 3 permanently.

**Nuclear Decommissioning.** As a result of SCE's decision to permanently retire SONGS Units 2 and 3, the decommissioning phase of the plant began in June 2013. The process of decommissioning the nuclear power plant is expected to take many years and is governed by NRC regulations. According to the SCE's decommissioning cost estimate document as of March 2018, total decommissioning costs for Units 2 and 3 are estimated at \$4.7 billion of which the Electric Utility's share is \$84 million.

**Nuclear Decommissioning Funding and Liability.** As of June 30, 2020, the Electric Utility has set aside \$53,299 in cash investments with the trustee and \$11,710 in an unrestricted designated decommissioning reserve for the Electric Utility's estimated share of the decommissioning costs. Increases to the funds held for decommissioning liability are from investment earnings. The investment earnings are included in investment income in the Electric Utility's financial statements. An equivalent amount is reflected as decommissioning expense which is considered part of production and purchased power. Decreases to the funds held for decommissioning liability are from actual funds drawn from the trust for decommissioning costs invoiced by SCE.

## NOTE 10. JOINTLY-OWNED UTILITY PROJECTS – SONGS (CONTINUED)

On February 23, 2016, the City Council adopted a resolution authorizing the commencement of SONGS decommissioning effective June 7, 2013. This resolution allows the Electric Utility to access the decommissioning trust funds to pay for its share of decommissioning costs. The Electric Utility began drawing decommissioning trust funds to pay for decommissioning costs in the fiscal year ended June 30, 2017. As of June 30, 2020, the Electric Utility has paid to date \$30,958 in decommissioning obligations, which have been reimbursed by the trust funds.

As of June 30, 2020 and 2019, decommissioning liability balance was \$55,708 and \$58,199, respectively, with a portion reflected as current liabilities payable from restricted assets. Due to adequate funding in the liability, the Electric Utility no longer provides additional funding to the trustee. However, since the decommissioning cost estimate is subject to a number of uncertainties including the cost of disposal of nuclear waste, site remediation costs, as well as a number of other assumptions and estimates, the Electric Utility will continue to set aside funds in the unrestricted designated decommissioning reserve of \$2,000 per year, as approved by the Board of Public Utilities and City Council.

	Balance			Balance			Balance	Due
	As of 6/30/2018	Additions	Reductions	As of 6/30/2019	Additions	Reductions	As of 6/30/2020	Within One Year
Nuclear decommissioning liability	\$ 60,577	\$ 1,227	\$ (3,605)	58,199	1,350	(3,841)	55,708	6,179

## NOTE 11. COMMITMENTS

The Electric Utility has entered into a power purchase contract with Intermountain Power Agency (IPA) for the delivery of electric power. The Electric Utility's share of IPA power is equal to 7.6 percent, or approximately 137.1 MW, of the net generation output of IPA's 1,800 MW coal-fueled generating station, known as Intermountain Power Project (IPP), located in central Utah. The contract expires in 2027 and the debt fully matures in 2024.

The contract constitutes an obligation of the Electric Utility to make payments solely from operating revenues. The power purchase contract requires the Electric Utility to pay certain minimum charges that are based on debt service requirements and other fixed costs. Such payments are considered a cost of production.

On September 29, 2006, Senate Bill 1368 (SB 1368) was enacted into law. The bill requires electric service providers to limit financial investments in power plants to those that adhere to greenhouse gas performance standards as determined by the Public Utilities Commission. Pursuant to this legislation, the Electric Utility is prohibited from renewing its participation in IPP if it remains a coal fueled generating resource.

In order to facilitate the continued participation in the IPP, the IPA Board issued the Second Amendatory Power Sales Contract, which amended the IPP Contract allowing the plant to replace the coal units with combined cycle natural gas units by July 1, 2025. On June 16, 2015, the City Council approved the Intermountain Power Project renewal agreements, including the Second Amendatory Power Sales Contract and the Renewal Power Sales Contract, and authorized participation in the IPP Repower Project for up to 5 percent in generation capacity or 60 MW. The Second Amendatory Power Sales Contract became effective March 16, 2016.

On January 5, 2017, the Electric Utility executed the Renewal Power Sales Contract and the Electric Utility accepted an offer of 4.167 percent entitlement or 50 MW generation capacity in the IPP Repower Project based on the 1,200 MW designed capacity, which is within the maximum participation level approved by the City Council. The Electric Utility's corresponding Southern Transmission System allocation is 5.278 percent or approximately 127 MW. Further, under the Renewal Power Sales Contract, the Electric Utility

## NOTE 11. COMMITMENTS (CONTINUED)

has the right to exit from the Repower Project by no later than November 1, 2019, if it is determined that the Repower Project is not cost beneficial to its customers.

On September 11, 2018, the City Council approved "Alternative Repowering" of the IPP Repower Project, which reduced the design capacity of the future plant from 1,200 MW to 840 MW.

On May 7, 2019, the City Council authorized termination of the Renewal Power Sales Contract between the IPA and the Electric Utility effective November 1, 2019, and the Electric Utility's exit from the IPP Repower Project upon the expiration date of the current Power Sales Contract on June 15, 2027, due to numerous uncertainties surrounding the IPP Repower Project.

The Electric Utility is a member of SCPPA, a joint powers agency (see Note 9). SCPPA provides for the financing and construction of electric generating and transmission projects for participation by some or all of its members. To the extent the Electric Utility participates in take-or-pay projects developed by SCPPA, it has entered into Power Purchase or Transmission Service Agreements, entitling the Electric Utility to the power output or transmission service, as applicable, and the Electric Utility will be obligated for its proportionate share of the project costs whether or not such generation output of transmission service is available.

The projects and the Electric Utility's proportionate share of SCPPA's obligations, including final maturities and contract expirations are as follows:

Project	Percent Share	Entitlement	Final Maturity	Contract Expiration
Palo Verde Nuclear Generating Station	5.40%	12.3 MW	2017	2030
Southern Transmission System	10.20%	244.0 MW	2027	2027
Mead-Phoenix Transmission	4.00%	18.0 MW	2020	2030
Mead-Adelanto Transmission	13.50%	118.0 MW	2020	2030

As part of the take-or-pay commitments with IPA and SCPPA, the Electric Utility has agreed to pay its share of current and long-term obligations. Management intends to pay these obligations from operating revenues received during the year that payment is due. A long-term obligation has not been recorded on the accompanying financial statements for these commitments. Take-or-pay commitments terminate upon the later of contract expiration or final maturity of outstanding bonds for each project.

The outstanding debts associated with the take-or-pay obligations have fixed interest rates which range from 2.029 percent to 5.00 percent. The schedule below details the amount of principal and interest that is due and payable by the Electric Utility as part of the take-or-pay contract for each project in the fiscal year indicated.

Debt Service Payment (in thousands) Year Ending June 30,	IPA	SCPPA			TOTAL
	Intermountain Power Project	Southern Transmission System	Mead-Phoenix Transmission	Mead-Adelanto Transmission	All Projects
2021	\$ 13,489	\$ 6,978	\$ 189	\$ 2,135	\$ 22,791
2022	10,881	9,554	-	-	20,435
2023	8,062	7,229	-	-	15,291
2024	840	7,284	-	-	8,124
2025	-	3,329	-	-	3,329
2026-2030	-	9,986	-	-	9,986
Total	\$ 33,272	\$ 44,360	\$ 189	\$ 2,135	\$ 79,956

## NOTE 11. COMMITMENTS (CONTINUED)

In addition to debt service, the Electric Utility's entitlements require the payment of fuel costs, operating and maintenance, administrative and general and other miscellaneous costs associated with the generation and transmission facilities discussed above. These costs do not have a similar structured payment schedule as debt service and vary each year. The costs incurred for the year ended June 30, 2020 and 2019, are as follows (in thousands):

FISCAL YEAR	Palo Verde						All Projects
	Intermountain Power Project <sup>1</sup>	Nuclear Generating Station <sup>1</sup>	Southern Transmission System	Mead-Phoenix Transmission	Mead-Adelanto Transmission		
2020	\$ 20,156	\$ 2,870	\$ 5,533	\$ 50	\$ 541	\$ 29,150	
2019	\$ 19,375	\$ 2,967	\$ 4,622	\$ 46	\$ 500	\$ 27,510	

<sup>1</sup> Excludes variable cost.

These costs are included in production and purchased power or transmission expense on the Statements of Revenues, Expenses and Changes in Net Position.

The Electric Utility has become a Participating Transmission Owner with the California Independent System Operator (CAISO) and has turned over the operational control of its transmission entitlements including the Southern Transmission System, Mead-Phoenix and Mead-Adelanto Transmission Projects. In return, users of the California's high voltage transmission grid are charged for, and the Electric Utility receives reimbursement for, transmission revenue requirements, including the costs associated with these three transmission projects.

### HOOVER UPRATING PROJECT

The Electric Utility's entitlement in the Hoover project through SCPA terminated on September 30, 2017. On August 23, 2016, the City Council approved a 50-year Electric Service Contract (ESC) and an Amended and Restated Implementation Agreement (IA) with the Western Area Power Administration (Western), Bureau of Reclamation for 30 MW of hydroelectric power. The contract with Western is effective as of October 1, 2017. The ESC extends the Electric Utility's 30 MW entitlement in the Hoover project an additional 50 years. The IA is a supplemental agreement to the ESC that establishes administrative, budgetary and project oversight by creating project committees and process for decision making plant operations.

### NUCLEAR INSURANCE

The Price-Anderson Act (the Act) requires that all utilities with nuclear generating facilities purchase the maximum private primary nuclear liability insurance available (\$450 million) and participate in the industry's secondary financial protection plan. The secondary financial protection program is the industry's retrospective assessment plan that uses deferred premium charges from every licensed reactor owner if claims and/or costs resulting from a nuclear incident at any licensed reactor in the United States were to exceed the primary nuclear insurance at that plant's site. Effective June 30, 2020, the Act limits liability from third-party claims to approximately \$13.8 billion per incident. Under the industry wide retrospective assessment program provided for under the Act, assessments are limited to \$137.6 million per reactor for each nuclear incident occurring at any nuclear reactor in the United States, with payments under the program limited to \$20.5 million per reactor, per year, per event to be indexed for inflation every five years. Based on the Electric Utility's interest in Palo Verde, the Electric Utility would be responsible for a maximum assessment of \$1.3 million, limited to payments of \$0.2 million per incident, per year. If the public liability limit above is insufficient, federal regulations may impose further revenue-raising measures to pay claims, including a possible additional assessment on all licensed reactor operators.

## NOTE 11. COMMITMENTS (CONTINUED)

### RENEWABLE PORTFOLIO STANDARD (RPS)

On April 12, 2011, the California Renewable Energy Resources Act (SBX1-2) was signed into law by the Governor, which officially created the first set of tiered RPS targets of 20% by 2013, 25% by 2016 and 33% by 2020. SBX1-2 specified that publicly owned utilities must meet these defined targets via interim Compliance Period (CP) targets to achieve the end goal of 33% RPS by December 31, 2020 as follows: CP1 - an average of 20 percent of retail sales during the 3-year period from 2011-2013; CP2 – no less than 25 percent of retail sales by December 31, 2016; and CP3 – no less than 33 percent of retail sales by December 31, 2020. The Riverside Public Utilities Board and City Council approved the RPS Enforcement Program required by SBX1-2 on November 18, 2011 and December 13, 2011, respectively, and further approved the Electric Utility's RPS Procurement Plan (a.k.a. Procurement Policy) implementing the new RPS mandates on May 3, 2013 and May 14, 2013, respectively. The Electric Utility has met the procurement requirements of SBX1-2 for CP1 (2011-2013) and CP2 (2014-2016). The additional future mandates are expected to be met with resource procurement actions as outlined in the Electric Utility's RPS Procurement Plan. For calendar year 2019, renewable resources provided 38 percent of retail sales requirements.

On October 7, 2015, the Governor signed into law Senate Bill 350 (SB 350) increasing the RPS mandate from 33 percent by 2020 to 50 percent by December 31, 2030. In addition, SB 350 required that an updated RPS Procurement Policy must be approved and adopted before January 1, 2019 and be incorporated into the Electric Utility's Integrated Resource Plan. An Updated 2018 Renewable Energy Procurement Policy was adopted by the Board and City Council on September 10, 2018 and October 9, 2018, respectively. The Electric Utility expects to be able to substantially meet the increased RPS mandates imposed by SB 350 with the actions described in the updated procurement policy and the portfolio of renewable resources outlined below.

On September 10, 2018, the 100 Percent Clean Energy Act of 2018 (Senate Bill 100) was signed into law by the California Governor. This bill further increases the RPS goals of SBX1-2 and SB 350 while maintaining the 33 percent RPS target by December 31, 2020, but modifying the RPS percentages to be 44 percent by December 31, 2024, 52 percent by December 31, 2027, 60 percent by December 31, 2030, with an end goal of 100 percent of total retail sales of electricity in California generated from eligible renewable energy resources and zero-carbon resources by December 31, 2045. It is expected that the California Energy Commission will have further guidance and enforcement procedures for publicly owned utilities to meet these increased mandates. The Electric Utility will continue to monitor the outcome and impacts of any upcoming workshops and regulations in meeting the new requirements.

In an effort to increase the share of renewables in the Electric Utility's power portfolio, the Electric Utility entered into power purchase agreements (PPA) and power sales agreements (PSA) with various entities described below in general on a "take-and-pay" basis. The contracts in the following tables were executed as part of compliance with RPS mandates.

## NOTE 11. COMMITMENTS (CONTINUED)

Long-term renewable PPAs and PSAs in operation (dollars in thousands):

Supplier	Type	Maximum Contract <sup>1</sup>	Contract Expiration	Estimated
				Annual Cost For 2020
Wintec Energy, Ltd.	Wind	1.3 MW	2/19/2024	\$ 150
WKN Wagner	Wind	6.0 MW	12/22/2032	1,315
SunEdison - AP North Lake	Photovoltaic	20.0 MW	8/11/2040	4,762
Dominion - Columbia II	Photovoltaic	11.1 MW	12/22/2034	2,314
GlidePath Power Solutions - GPS Cabazon Wind LLC	Wind	39.0 MW	1/1/2025	4,299
Capital Dynamics - Kingbird Solar B, LLC	Photovoltaic	14.0 MW	12/31/2036	2,867
FTP Solar				
sPower - Summer Solar	Photovoltaic	10.0 MW	12/31/2041	1,748
sPower - Antelope Big Sky Ranch	Photovoltaic	10.0 MW	12/31/2041	1,748
sPower - Antelope DSR 1 Solar	Photovoltaic	25.0 MW	12/19/2036	3,826
Capital Dynamics - Tequesquite Landfill Solar	Photovoltaic	7.3 MW	12/31/2040	1,381
American Renewable Power-Loyalton	Biomass	0.8 MW	4/19/2023	615
CalEnergy - Salton Sea Portfolio	Geothermal	86.0 MW	12/31/2039	53,988
	Total	<u>230.5 MW</u>		<u>\$ 79,013</u>

<sup>1</sup> All contracts are contingent on energy delivered from specific related generating facilities. The Electric Utility has no commitment to pay any amounts except for energy delivered on a monthly basis from these facilities except for any economic curtailments directed by the Electric Utility.

Long-term renewable PPAs with expected delivery:

Supplier	Type	Maximum Contract <sup>1</sup>	Expected Delivery	Energy	Contract Term In Years
				Delivery No Later Than	
Avangrid Renewable - Camino Solar plus Storage	Hybrid (Solar & Battery)	44.0 MW <sup>2</sup>	5/1/2022	10/31/2022	15
	Total	<u>44.0 MW</u>			

<sup>1</sup> All contracts are contingent on energy delivered from specific related generating facilities. The Electric Utility has no commitment to pay any amounts except for energy delivered on a monthly basis from these facilities except for any economic curtailments directed by the Electric Utility.

<sup>2</sup> Represents solar capacity only; battery capacity is 11 MW and 4-hour duration.

On May 20, 2003, the Electric Utility and Salton Sea Power LLC (Salton Sea) entered into a ten-year PPA for 20 MW of geothermal energy. On August 23, 2005, the City Council approved an amendment to the PPA which increases the amount of renewable energy available to the Electric Utility from 20 MW to 46 MW effective June 1, 2009 through May 31, 2020.

On May 14, 2013, the City Council approved a new 25-year PPA with CalEnergy, the parent of Salton Sea, for additional renewable geothermal power. The PPA provides power from a portfolio of ten geothermal generating units, instead of a single generating unit, with an increasing amount of delivery that started with 20 MW in 2016 increasing to 40 MW in 2019 and 86 MW in 2020. The initial price under the agreement was \$72.85 per megawatt-hour (MWh) in calendar year 2016, which will escalate at 1.5 percent annually for the remaining term of the agreement. Similar to other renewable PPAs, the Electric Utility is only obligated for purchases of energy delivered to the City.

Concurrently, the pricing under the Salton Sea PPA has been amended to conform to pricing in the new PPA with CalEnergy through the remaining term of the Salton Sea PPA. The pricing under the Salton Sea PPA increased by approximately \$7.57 per MWh, commencing July 1, 2013 to \$69.66 per MWh, with an escalation of 1.5 percent annually, thereafter, reflecting the exchange of benefits for a substantially lower pricing under the new PPA. The cost increase under the Salton Sea PPA and accrual of the prepayment ended as of May 31, 2020. As of June 30, 2020 and 2019, the Electric Utility's prepayment of future

## NOTE 11. COMMITMENTS (CONTINUED)

contractual obligations was \$14,245 and \$13,013, respectively. This prepayment is recorded on the Statements of Net Position as unamortized purchased power, to be amortized over the term of the CalEnergy PPA. The CalEnergy PPA commenced in February 2016. As of June 30, 2020 and 2019, the Electric Utility has recorded \$315 and \$186, respectively, in amortization related to the unamortized purchased power.

On January 28, 2003, the Electric Utility entered into a 15-year renewable PPA with Wintec Energy, Ltd (Wintec) to purchase all of the energy output generated by Wintec's wind powered electric generating units with capacity up to 5 MW. Due to unforeseen circumstances, Wintec was only able to generate capacity totaling 1.3 MW. On November 15, 2005, the City Council approved an amendment to the original agreement, reducing the capacity to 1.3 MW. The amended contract with Wintec terminated in December 2018, however, on February 12, 2019, the City Council approved an extension to the amended agreement for an additional five years for a reduced price of \$35.77 per MWh.

On October 16, 2012, the Electric Utility entered into a 25-year PPA with AP North Lake, LLC (AP North) for 20 MW of solar photovoltaic energy generated by a new facility located in the City of Hemet, California. The AP North Lake Project became fully operational in August 2015. The project is expected to generate 55,000 MWh of renewable energy per year at a levelized cost of \$95 per MWh for the term of the PPA.

On December 20, 2012, the Electric Utility entered into a 20-year PPA with WKN Wagner, LLC (WKN) for up to 6 MW of renewable wind energy and renewable energy credits from the WKN Wagner wind project in Palm Springs, California. WKN is expected to generate 21,000 MWh of renewable energy annually at a levelized cost of \$73 per MWh.

On January 17, 2013, the Electric Utility entered into two 25-year PSAs with SCPPA for a combined total of 20 MW of solar photovoltaic energy generated by two facilities to be built in the City of Lancaster by Silverado Power, which later changed its name to sPower after a series of ownership changes. The two projects are referred to as Antelope Big Sky Ranch and Summer Solar, each rated at 20 MW. The Electric Utility has a 50 percent share of the output from each project through SCPPA, which has two 20 MW PPAs with sPower. Summer Solar became commercially operational on July 25, 2016, and Antelope Big Sky Ranch became commercially operational on August 19, 2016. The Electric Utility's share from the two projects is 55,000 MWh of renewable energy per year. The price under the agreements is \$71.25 per MWh over the term of the agreements.

On September 19, 2013, the Electric Utility entered into a 20-year PSA with SCPPA for 14 MW of solar photovoltaic energy generated by a facility to be built by First Solar in Kern County, California. The project is referred to as the Kingbird B Solar Photovoltaic Project, with a nameplate capacity of 20 MW. The Electric Utility has a 70 percent share of the output from the project through SCPPA, which has a 20 MW PPA with Kingbird Solar B, LLC, which was acquired by Capital Dynamics in 2018. The project became commercially operational on April 30, 2016. The Electric Utility's share from the project is approximately 35,000 MWh of renewable energy per year with an all-in price for energy, capacity and environmental attributes of \$68.75 per MWh over the term of the agreement.

On September 19, 2013, the Electric Utility entered into a 20-year PSAs with SCPPA for an 11.1 MW of solar photovoltaic energy generated by a facility to be built by Recurrent Energy in Kern County, California. The project referred to as Columbia Two Solar Photovoltaic Projects, with a nameplate capacity of 15 MW. On March 14, 2014 a Consent and Agreement was entered into by SCPPA consenting to the transfer of ownership of the Columbia Two project from Recurrent Energy to Dominion Resources. The Columbia Two Project completed construction and achieved commercial operation in December 2014. The Electric Utility has a 74.3 percent share (11.1 MW) of the output from the Columbia Two Project through SCPPA, which has a 15 MW PPA with Dominion Resources. The Electric Utility's share of Columbia Two is approximately 33,000 MWh of renewable energy per year with an all-in price for energy, capacity and environmental attributes of \$69.98 per MWh over the term of the agreement.

## NOTE 11. COMMITMENTS (CONTINUED)

On December 6, 2013, the Electric Utility and FPL Energy Cabazon Wind, LLC (Cabazon Wind) entered into a 10-year PPA for 39 MW of renewable wind energy from the Cabazon Wind Energy Center near Cabazon, California. Cabazon Wind is an existing renewable resource that has been in commercial operation since 1999. SCE purchased the output of the facility through December 2014. At the expiration of SCE's contract, Cabazon Wind entered into new interconnection and generation agreements with CAISO and SCE. The developer completed the implementation of the transition to the Electric Utility as of January 1, 2015. Delivery under the PPA commenced on January 1, 2015. The project is expected to generate 71,200 MWh of renewable energy per year with an all-in price for energy, capacity and environmental attributes of \$59.30 per MWh over the term of the agreement. In 2018, after it was acquired by GlidePath Power Solutions, FPL Energy Cabazon Wind, LLC changed its name to GPS Cabazon Wind, LLC.

On March 11, 2014, the Electric Utility and Solar Star California XXXI, LLC (Solar Star) entered into a 25-year PPA for 7.3 MW of solar photovoltaic energy generated by a facility to be built on the City-owned Tequesquite Landfill. The project was fully commissioned and operational on September 30, 2015 and is expected to generate approximately 15,000 MWh of renewable energy per year. The all-in price for energy, capacity and environmental attributes is \$81.30 per MWh, escalating at 1.5 percent annually. In 2018, Capital Dynamics became the new parent company of Solar Star after acquiring it from SunPower.

On July 16, 2015, the Electric Utility entered into a 20-year PSA with SCPPA for 25 MW of solar photovoltaic energy generated by sPower's Antelope DSR Solar PV Project in the City of Lancaster, California. The Electric Utility has a 50 percent share of the output from the project through SCPPA, which has a 50 MW PPA with sPower. The project became commercially operational on December 20, 2016. The Electric Utility's share of Antelope DSR Solar is expected to generate approximately 71,000 MWh of renewable energy per year with an all-in price for energy, capacity and environmental attributes of \$53.75 per MWh over the term of the agreement.

On November 16, 2017, the Electric Utility entered into a 5-year PSA with SCPPA for 0.8 MW of biomass energy generated by American Renewable Power (ARP) - Loyalton Biomass Project. The Electric Utility has a 4.48% share of the output of the project through SCPPA, along with Imperial Irrigation District, Modesto Irrigation District, Sacramento Municipal Utility District, and Turlock Irrigation District, has an 18 MW PPA with ARP-Loyalton. The project became commercially operational on April 20, 2018. The Electric Utility's share of ARP Loyalton is expected to generate 6,358 MWh of renewable energy per year with an all-in price for energy, capacity and environmental attributes of \$97.50 per MWh over the term of the agreement. On February 18, 2020, ARP Loyalton Cogen, LLC filed Chapter 11 bankruptcy. On March 18, 2020, the bankruptcy was converted to Chapter 7. On April 30, 2020, the bankruptcy court approved the sale of the ARP Loyalton project to Sierra Valley Enterprise.

On December 18, 2019, the Electric Utility entered into a 15-year PPA with Camino Solar, LLC for 44 MW of solar photovoltaic energy, battery energy storage, associated environmental attributes and capacity rights. The project is expected to become commercially operational May 1, 2022, but no later than October 31, 2022. The Camino Solar plus Battery Energy Storage Project will generate approximately 147,000 MWh of renewable energy per year. The all-in price for energy, capacity and environmental attributes of the solar is \$27.70 per MWh, over the term of the agreement. The Battery Energy Storage capacity of the facility is 11 MW with a minimum four-hour duration. The Battery Energy Storage Capacity price of the facility is \$6.48 per kilowatt-month.

### CAP-AND-TRADE PROGRAM

Assembly Bill (AB) 32, enacted in 2006, mandated that the California Air Resources Board (CARB) develop regulations for the reduction of greenhouse gas (GHG) emissions to the 1990 levels by the year 2020. Subsequently, Senate Bill (SB 32), enacted in 2016, extended the requirements of AB 32 and codified that it was the State's goal to reduce GHG emissions to 40% below 1990 levels by the year 2020. SB 398 was then enacted in 2017 clarifying that it was the State legislature's intent to continue the Cap and Trade Program and regulations until 2030. In January 2013, emission compliance obligations developed by CARB began under the Cap-and-Trade Program (Program). This Program requires electric utilities to have GHG

## NOTE 11. COMMITMENTS (CONTINUED)

allowances on an annual basis to offset GHG emissions associated with generating electricity. To ease the transition and mitigate the rate impacts to retail customers, CARB will allocate certain amounts of GHG allowances at no cost to electrical distribution utilities. The Electric Utility's free allocation of GHG allowances is expected to be sufficient to meet the Electric Utility's direct GHG compliance obligations.

At times, the Electric Utility may have allocated allowances in excess of its compliance obligations that can be sold into the CARB quarterly auctions. In fiscal years ended June 30, 2020 and 2019, the Electric Utility received \$6,433 and \$7,303, respectively, in proceeds related to the sale of the GHG allowances which are included on the Statements of Revenues, Expenses and Changes in Net Position as other operating revenue. The Electric Utility has established a restricted Regulatory Requirement reserve to comply with regulatory restrictions and governing requirements related to the use of the GHG proceeds. The available funds are to be utilized for qualifying projects, consistent with the goals of AB 32 to benefit the retail ratepayers. The balance in the Regulatory Requirement reserve was \$16,815 and \$18,004 as of June 30, 2020 and 2019, respectively.

The Electric Utility also purchases GHG allowances which can be used in future periods for GHG compliance regulations. The balance of purchased GHG allowances was \$971 and \$971 as of June 30, 2020 and 2019, respectively, and is recorded as inventory in the Statements of Net Position.

### LOW CARBON FUEL STANDARD PROGRAM

Assembly Bill (AB) 32, enacted in 2006, mandated that the California Air Resources Board (CARB) develop regulations for the reduction of greenhouse gas (GHG) emissions to the 1990 levels by the year 2020. Subsequently, Senate Bill (SB 32), enacted in 2016, extended the requirements of AB 32 and codified that is was the State's goal to reduce GHG emissions to 40% below 1990 levels by the year 2020. Like the Cap-and-Trade Program, the Low Carbon Fuel Standard (LCFS) Program is a key component of the market mechanisms authorized by these bills to achieve the State's GHG emissions reduction goals. The LCFS regulation was initially approved by CARB in 2009. The program then underwent some litigation in the State of California and the regulation was re-adopted in 2015 with modifications and went into effect in 2016. LCFS seeks to reduce the carbon intensity (CI) of fuels used for transportation by establishing an annual CI target. Fuels that have a CI greater than the target have a compliance obligation and are required to turn in LCFS credits; fuels with a CI lower than the target may generate credits.

Electricity is considered a fuel subject to the program when it is used as a transportation fuel in electric vehicles. However, because the CI of electricity is substantially lower than the annual CI targets under the program, electricity is a fuel that generates LCFS credits and participation in the Program is voluntary. The City opted into the LCFS program in March 2018 and began generating LCFS credits for the first quarter of 2018. These credits are associated with two sources – unmetered electricity used to charge residents' electric vehicles at their homes (residential base credits) and from electric forklifts charging at private businesses (forklift credits). CARB calculates the credits that the Electric Utility receives and the Electric Utility submits reports quarterly to receive the credits.

The LCFS regulation was amended in 2018 and required that electric utilities that have opted into the LCFS Program participate in and manage a statewide point-of-sale rebate program for new electric vehicles. This program is called the California Clean Fuel Reward Program (CFR) and the City joined the program in May 2020. To fund the program, electric utilities are required to contribute proceeds received from the sales of residential base credits beginning with the credits the Electric Utility received in Q4 2019 (generated from electricity used for transportation in Q2 2019). Residential base credits the Electric Utility received prior to that time are not subject to the contribution requirements. Additionally, a small "start-up" contribution from proceeds is required to be submitted by January 31, 2021. After the initial deposit of funds in November 2020, deposits to the CFR program are required by March 31 annually.

In fiscal year ended June 30, 2020, the Electric Utility's sale of LCFS credits received in 2018 and 2019 generated \$1,623 in proceeds. These proceeds are included on the Statements of Revenues, Expenses and Changes in Net Position as other operating revenue. The Electric Utility has established a restricted

## NOTE 11. COMMITMENTS (CONTINUED)

Regulatory Requirement reserve to comply with regulatory restrictions and governing requirements related to the use of the LCFS proceeds. The available funds are to be utilized for qualifying projects that support the Electric Utility's customers who are existing and future electric vehicle owners. The balance in the Regulatory Requirement reserve was \$1,623 as of June 30, 2020.

### CONSTRUCTION COMMITMENTS

As of June 30, 2020, the Electric Utility had commitments (encumbrances) of approximately \$27,966 with respect to unfinished capital projects, of which \$18,513 is expected to be funded by bonds, \$5,929 to be funded by unrestricted cash reserves, and \$3,524 to be funded by restricted cash reserves.

### FORWARD PURCHASE/SALE AGREEMENTS

In order to meet summer peaking requirements, the Electric Utility may contract on a monthly or quarterly basis, for the purchase or sale of natural gas, electricity and/or capacity products on a short-term horizon. As of June 30, 2020, the Electric Utility has net commitments for fiscal year 2021 and thereafter, of approximately \$8,683, with a market value of \$6,787.

## NOTE 12. LITIGATION

The Electric Utility is a defendant in various lawsuits arising in the normal course of business. Present lawsuits and other claims against the Electric Utility are incidental to the ordinary course of operations of the Electric Utility and are largely covered by the City's self-insurance program. In the opinion of management and the City Attorney, such claims and litigation will not have a materially adverse effect upon the financial position or results of operation of the Electric Utility. Contractual and litigation matters of the Electric Utility relating to SONGS are contained in Note 10.

### PARADA II CLASS ACTION LAWSUIT

On September 12, 2018, a petition for writ of mandate entitled *Parada v. City of Riverside* ("Parada II") was filed against the City seeking to invalidate, rescind and void under Proposition 26, the Electric System's rates approved by City Council on May 22, 2018, which took effect on January 1, 2019, challenging the portion of the electric rates that are attributable to the General Fund. The petition did not seek any monetary relief from the General Fund. The trial court divided the case into two stages for hearings: a liability phase and a damages phase. On April 17, 2020, the Court in the liability phase of Parada II litigation entered a tentative ruling finding the City's electric rates attributable to the General Fund transfer violate Article XIII C of the California Constitution. The formal hearing on the matter took place on June 5, 2020, but the Court asked for further briefing on the issue of whether or not the plaintiffs failed to exhaust their administrative remedies. On October 9, 2020, the Court confirmed its tentative ruling and entered an order denying the City's request for interlocutory remand. The court has set a hearing for February 24, 2021, to set a briefing schedule for determining appropriate remedies /damages in the case. The City expects the second phase of the trial relating to plaintiffs available remedies to occur in the second quarter of 2021. However, due to the impact of the Coronavirus on the Courts, the exact timing of the completion of the trial is uncertain at this time.

The ruling by the Court in Parada II will likely have a material adverse impact on the City's General Fund. The General Fund receives approximately \$40 million annually (up to the maximum amount of 11.5% of Electric Fund revenues) from the Electric Fund. Based on the Court's order in the liability phase of the trial, approximately \$19-32 million of the General Fund transfer is potentially attributable to rate payer revenue that was not approved by the voters. However, that amount will be determined during the damages phase of the trial. Additionally, the City may be required to refund rate payers for the portions of the rates that were determined to violate Article XIII C of the California Constitution from the date the writ of mandate was filed. However, the trial court has not issued any ruling as to what the amount of any damages would be.

## NOTE 12. LITIGATION (CONTINUED)

Based on the Court's order in the liability phase of the trial, the City estimates that the amount of a refund would be \$19 to \$32 million per year, beginning January 1, 2019, until date of settlement or issuance of a final, non-appealable judgment by the trial court after anticipated appeals are resolved. This amount could vary depending upon whether or not the City decides to repeal and replace the challenged rates pending appeal. Currently, petitioners have sought monetary relief solely from the Electric System. However, the City can make no assurance that the City's General Fund may not be held liable for all or a portion of any refund or other remedy the Court ultimately orders. The City believes that all or a portion of any refund, if owed, could be paid from rate payer revenues in the Electric Fund and that any judgment would likely be allowed by the Court to be paid over a multi-year period. If the electric rates attributable to the General Fund transfer are determined to be invalid or are otherwise repealed and replaced by the City, the City could seek voter approval for the General Fund transfer like it did for the Water Fund. The City has a variety of revenue sources and expense reductions available to it to address any future budget deficits caused by the potential loss of the General Fund transfer, including but not limited to the use of Measure Z revenues.

## NOTE 13. PRIOR PERIOD ADJUSTMENT

For fiscal year ended June 30, 2019, a prior period adjustment of \$5,409 was made to increase the Electric Utility's, including Public Benefits, net position. The adjustment was made to reflect the prior period costs related to pension. The restatement of beginning net position is as follows:

Net position at July 1, 2018, as previously stated	\$	505,412
Pension related adjustments		5,409
Net position at July 1, 2018, as restated	\$	<u>510,821</u>

## NOTE 14. SUBSEQUENT EVENT

### CORONAVIRUS DISEASE 2019 (COVID-19)

In December 2019, an outbreak of a novel strain of coronavirus (COVID-19) originated in China, and has since spread to a number of other countries, including the United States (U.S.). On March 11, 2020, the World Health Organization characterized COVID-19 as a pandemic. In addition, several states in the U.S., including California, have declared a state of emergency. Potential impacts to the City future tax revenues include disruptions or restrictions on current employees' ability to work. Any of the foregoing could negatively impact revenues and the City currently cannot anticipate all of the ways in which this health epidemic, COVID-19, could adversely impact our government agency. Although the City and the Electric Utility are continuing to monitor and assess the effects of the COVID-19 pandemic on our government agency, the ultimate impact of the COVID-19 outbreak or a similar health epidemic is highly uncertain and subject to change.

On March 27, 2020, in response to the economic fallout of the Coronavirus pandemic in the United States, Congress passed the Coronavirus Aid, Relief, and Economic Security Act, also known as the CARES Act, which provided \$2.2 trillion in economic stimulus funding through a variety of channels. The State of California received a \$500 million allocation to provide cities which did not receive a direct federal allocation through the CARES Act. The City entered into an agreement with the State of California in July 2020 to receive their allocation of the CARES Act funding. On August 4, 2020, the City of Riverside's City Council approved a comprehensive CARES Act funding plan with the goal to expend by December 30, 2020 in accordance with the terms of the funding agreement. This funding will support numerous City-wide initiatives, including local business support, rental assistance, homelessness and other city programs. Additional information can be found in the notes to the City's financial statements in the City's CAFR.

# ELECTRIC UTILITY: KEY HISTORICAL OPERATING DATA

FISCAL YEAR	2019/20	2018/19	2017/18	2016/17	2015/16
<b>POWER SUPPLY MEGAWATT-HOURS (MWH)</b>					
Nuclear					
Palo Verde	100,900	100,200	102,900	102,400	103,300
Coal					
Intermountain Power	551,300	677,900	627,100	619,500	560,000
Hoover (Hydro)	27,000	28,600	29,000	28,400	30,900
Gas					
Springs	700	400	700	500	500
RERC	68,200	93,900	89,600	84,300	51,600
Clearwater	8,600	13,700	24,200	25,900	15,500
Renewable Resources <sup>1</sup>	922,800	835,500	790,100	669,900	577,200
Market Purchases	558,500	511,500	633,500	770,500	1,084,700
Exchanges In	0	0	0	0	28,600
Exchanges Out	0	0	0	0	(133,500)
Total	2,238,000	2,261,700	2,297,100	2,301,400	2,318,800
System peak megawatt (MW)	587.2	610.9	640.3	581.7	598.6
<b>ELECTRIC USE</b>					
Number of meters as of year end					
Residential	98,930	98,322	97,531	97,372	96,934
Commercial	11,253	11,219	11,181	11,016	10,898
Industrial	926	888	854	833	891
Other <sup>2</sup>	52	51	53	53	53
Total	111,161	110,480	109,619	109,274	108,776
Millions of kilowatt-hours (kWh) sales					
Residential	723	722	727	730	726
Commercial	417	434	447	448	438
Industrial	956	973	999	996	982
Other	18	21	22	23	23
Subtotal	2,114	2,150	2,195	2,197	2,169
Wholesale <sup>3</sup>	1	0	0	1	0
Total	2,115	2,150	2,195	2,198	2,169

<sup>1</sup>As of June 30, 2019, Solar PV included in the Renewable Resources has been restated to include only CEC certified renewables. Fiscal years 17/18, 16/17, and 15/16 have been reduced by 8,100, 8,100, and 8,600 mWh respectively.

<sup>2</sup>In fiscal year 15/16 there was a transition of customers from Other meters to Commercial and Industrial classes.

<sup>3</sup>For fiscal years 15/16, 17/18, and 18/19, wholesale kWh was less than 1 million kWh.

## ELECTRIC FACTS

Average annual kWh per residential customer	7,322	7,375	7,455	7,519	7,528
Average price (cents/kWh) per residential customer	\$16.77	\$16.11	\$15.91	\$16.12	\$16.12
Debt service coverage ratio (DSC) <sup>4,5,6</sup>	2.62	2.24	2.73	2.95	2.87
Operating income as a percent of operating revenues	12.1%	11.4%	15.3%	20.2%	20.2%
Employees <sup>7</sup>	466	475	489	472	465

<sup>4</sup>Interest expense used to calculate DSC is net of federal subsidy on Build America Bonds.

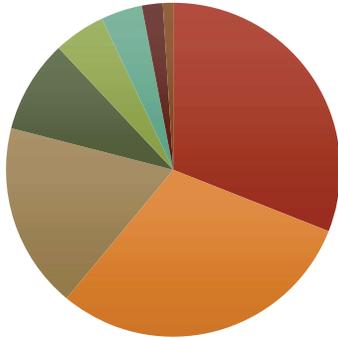
<sup>5</sup>Does not include GASB 68 - Accounting and Financial Reporting for Pension non-cash adjustments of \$3,364, (\$1,323), \$9,056, (\$248), and (\$5,036) for fiscal years 19/20 through FY 15/16, respectively.

<sup>6</sup>Does not include GASB 75 - Accounting and Financial Reporting for Post-employment Benefits Other Than Pensions non-cash adjustments of \$490, \$300, and \$697 for fiscal years 19/20 through FY 17/18, respectively.

<sup>7</sup>Approved positions.

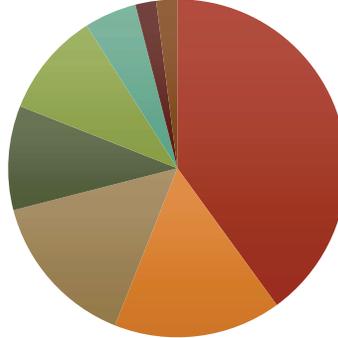
# 2019/2020 ELECTRIC REVENUE AND RESOURCES

**SOURCE OF REVENUE**



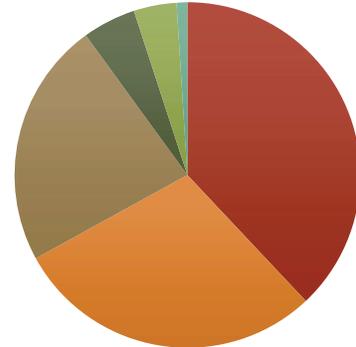
- Residential Sales 31¢
- Industrial Sales 30¢
- Commercial Sales 18¢
- Transmission Revenue 9¢
- Other Revenue 5¢
- Investment Income 4¢
- Public Benefit Programs 2¢
- Other Sales 1¢

**DISTRIBUTION OF REVENUE**



- Production 40¢
- Distribution 16¢
- Transmission 15¢
- Debt Service 10¢
- Transfers to the City's General Fund\* 10¢
- Additions & Replacements to the System 5¢
- Public Benefit Programs 2¢
- Additional Reserves 2¢
- Unamortized Purchased Power (less than 1¢)

**ENERGY RESOURCES\***

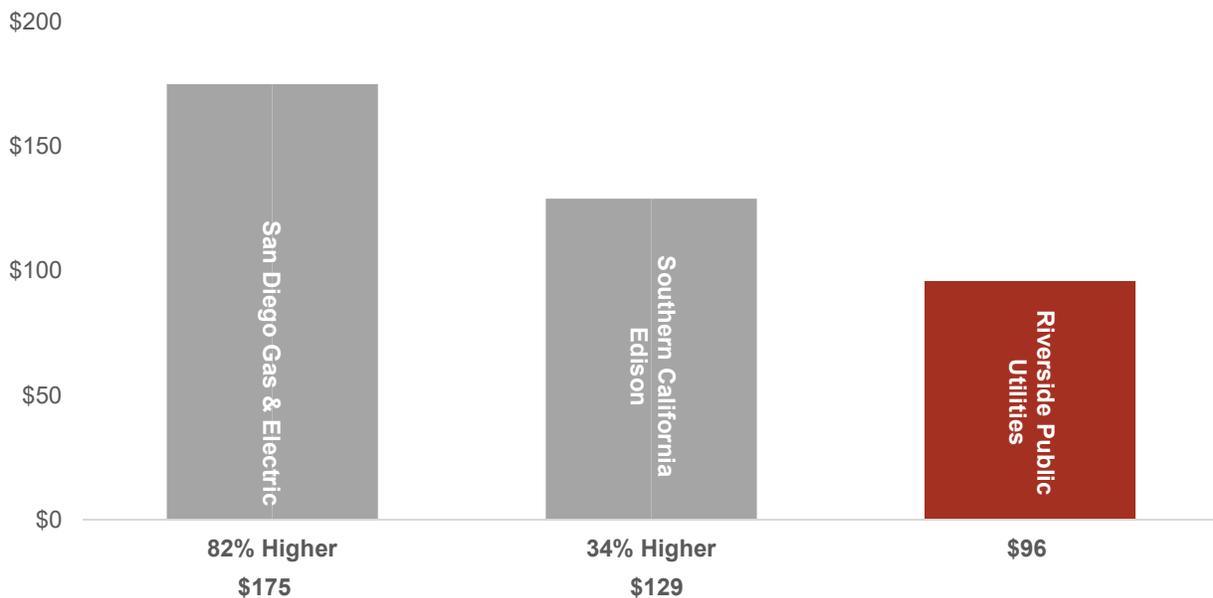


- Renewables 38%
- Coal 29%
- Market Purchases 23%
- Nuclear 5%
- Gas 4%
- Hydropower 1%

\*Based on transfer of 11.5% of fiscal year 2018/2019 gross operating revenues including adjustments.

\*Energy Resources are based on calendar year 2019 as filed with the California Energy Commission

## ELECTRIC RATE COMPARISON - 600 KWH PER MONTH (AS OF JUNE 30, 2020)

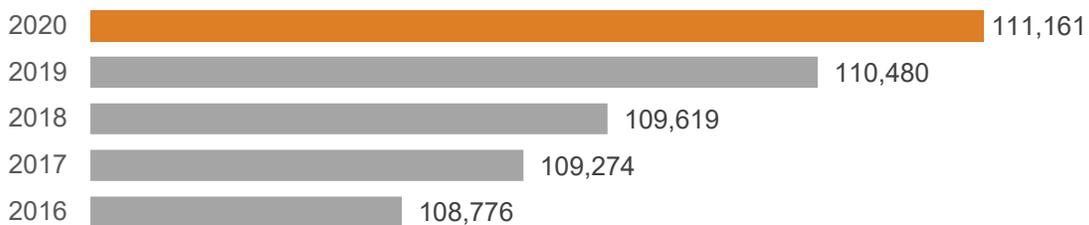


## ELECTRIC KEY OPERATING INDICATORS

### General Fund Transfer (In Millions)



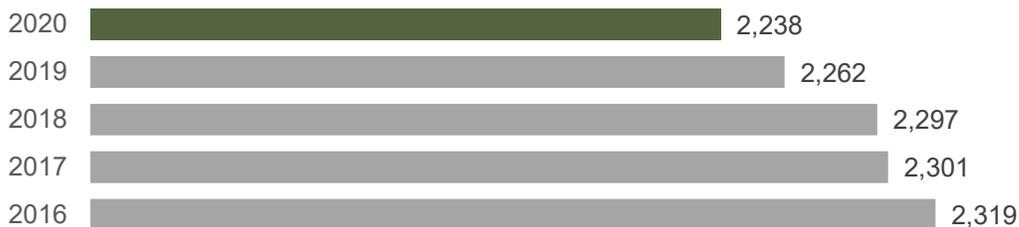
### Number of Meters At Year End



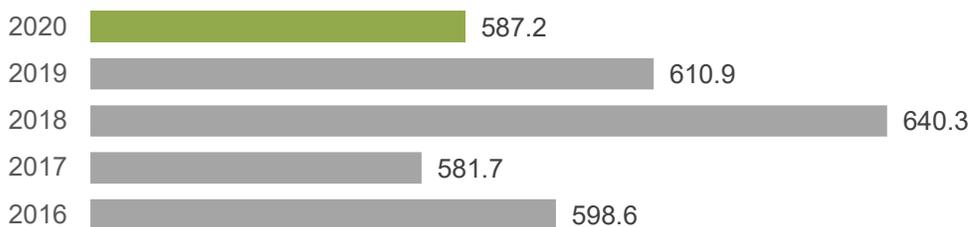
### Total Operating Revenue (In Millions)



### Production (In Million Kilowatt-Hours)<sup>1</sup>



### Peak Day Demand (In Megawatts)



<sup>1</sup> As of June 30, 2019, Solar PV included in the Renewable Resources has been restated to include only CEC certified renewables. Fiscal years 17/18, 16/17, and 15/16 have been reduced by 8,100, 8,100, and 8,600 mWh respectively.

# ELECTRIC FACTS AND SYSTEM DATA

Established..... 1895

Service Area Population..... 328,096

City Service Area Size (square miles)..... 81.5

## System Data

Transmission Lines (circuit miles)..... 99.2

Distribution Lines (circuit miles)..... 1,351

Number of Substations ..... 14

2019-20 Peak Day (megawatts) ..... 587

Highest Single Hourly Use:

09/04/2019, 5pm, 93.7 degrees

Historical Peak (megawatts) ..... 640

Highest Single Hourly Use:

08/31/2017, 3pm, 89.9 degrees

## Bond Ratings

Fitch Ratings..... AA-

Standard & Poor's ..... AA-





# OUR WATER

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RIVERSIDE PUBLIC UTILITIES



## INDEPENDENT AUDITORS' REPORT

To the Honorable City Council and Board of Public Utilities  
City of Riverside, California

### **Report on the Financial Statements**

We have audited the accompanying financial statements of the Water Utility Enterprise Fund (Water Utility) of the City of Riverside, California, (the City) as of and for the year ended June 30, 2020 and 2019, and the related notes to the financial statements, as listed in the table of contents.

### ***Management's Responsibility for the Financial Statements***

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

### ***Auditor's Responsibility***

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.





To the Honorable City Council and Board of Public Utilities  
City of Riverside, California

### ***Opinions***

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the Water Utility of the City, as of June 30, 2020 and 2019, the changes in financial position, and cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

### ***Emphasis of Matters***

As discussed in Note 1, the financial statements present only the Water Utility and do not purport to, and do not present fairly the financial position of the City as of June 30, 2020 and 2019, the changes in its financial position, or, where applicable, its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America. Our opinion is not modified with respect to this matter.

### ***Other Matters***

#### *Required Supplementary Information*

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis, as listed in the table of contents, be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

#### *Other Information*

Our audit was conducted for the purpose of forming an opinion on the financial statements as a whole. The accompanying supplementary Water Utility information is presented for purposes of additional analysis and are not a required part of the basic financial statements. Such information has not been subjected to the auditing procedures applied in the audit of the basic financial statements and, accordingly, we do not express an opinion or provide any assurance on them.

*Lance, Solt & Lughard, LLP*

Brea, California  
January 21, 2021

# **WATER UTILITY: MANAGEMENT’S DISCUSSION AND ANALYSIS**

As management of Riverside Public Utilities, a department of the City of Riverside (the City), we offer the readers this narrative overview and analysis of the 2019-20 financial report for the period ended June 30, 2020 and 2019 for Riverside’s Water Utility (Water Utility), an enterprise fund of the City. We encourage readers to consider the information presented here in conjunction with additional information furnished in our financial statements, which begin on page 98 of this report. All amounts, unless otherwise indicated, are expressed in thousands of dollars.

## **FINANCIAL HIGHLIGHTS**

- Retail sales, net of uncollectibles/recovery, were \$61,683 and \$57,605 for the fiscal years ended June 30, 2020 and 2019, respectively. The increase in sales was primarily due to the rate increase and increase in consumption.
- Utility plant assets as of June 30, 2020 increased by \$4,134 as a result of an increase in additions and improvements to the Water distribution infrastructure system to improve service and reliability to Water Utility’s customers, offset by an increase in current years depreciation.
- Operating expense reflects a non-cash pension accounting standard adjustment, which will continue to fluctuate based on yearly actuarial information provided by the California Public Employees’ Retirement System. The adjustment was 1,046 and (\$482) in June 30, 2020 and 2019, respectively.
- Operating expense reflects a non-cash postemployment benefits other than pensions (OPEB) accounting standard adjustment, which will continue to fluctuate based on yearly actuarial information provided by the California Public Employees’ Retirement System. The adjustment was \$197 and \$118 in June 30, 2020 and 2019, respectively.
- During the fiscal year ended June 30, 2019, the Water Utility implemented Governmental Accounting Standards Board Statement No. 88 (GASB 88), Certain Disclosures Related To Debt, Including Direct Borrowings And Direct Placements. The primary objective of this Statement is to improve the information that is disclosed in notes to government financial statements related to debt, including direct borrowings and direct placements. For further details, refer to Note 4.

## **OVERVIEW OF THE FINANCIAL STATEMENTS**

This discussion and analysis is intended to serve as an introduction to the Water Utility’s financial statements. The Water Utility is a department of the City, and its activities are recorded in a separate enterprise fund. These financial statements include only the activities for the Water Utility and provide comparative information for the last two fiscal years. Information on city-wide financial results is available in the City’s “Comprehensive Annual Financial Report.”

The Water Utility’s financial statements are comprised of two components: 1) financial statements, and 2) notes to the financial statements. In addition, this report also contains other supplementary information to provide the reader with additional information about the Water Utility, including historical sales, operating activities and other relevant data.

Included as part of the financial statements are three separate statements, which collectively provide an indication of the Water Utility’s financial health.

## OVERVIEW OF THE FINANCIAL STATEMENTS (CONTINUED)

The **Statements of Net Position** present information on all of the Water Utility's assets, liabilities, deferred inflows and outflows of resources and net position. The Statements of Net Position provide information about the nature and amount of the Water Utility's resources and obligations at a specific point in time.

The **Statements of Revenues, Expenses and Changes in Net Position** report all of the Water Utility's revenues and expenses for the periods shown.

The **Statements of Cash Flows** report the cash provided and used by operating activities, as well as other cash sources, such as investment income and debt financing. They also report other cash uses such as payments for bond principal and capital additions and improvements.

The **Notes to the Financial Statements** provide additional information that is essential to a full understanding of the data provided in the Water Utility's financial statements. The Notes to the Financial Statements can be found on pages 102 to 132 of this report.

# WATER UTILITY FINANCIAL ANALYSIS

## CONDENSED STATEMENTS OF NET POSITION

	2020	2019	2018
Current and other assets	\$ 92,188	\$ 105,623	\$ 73,599
Capital assets	499,485	495,351	486,465
Deferred outflows of resources	37,963	16,786	18,913
Total assets and deferred outflows of resources	<u>629,636</u>	<u>617,760</u>	<u>578,977</u>
Long-term debt outstanding	261,353	250,026	205,020
Other liabilities	63,847	59,172	66,182
Deferred inflows of resources	3,801	5,861	2,697
Total liabilities and deferred inflows of resources	<u>329,001</u>	<u>315,059</u>	<u>273,899</u>
Net investment in capital assets	291,659	292,394	291,562
Restricted	10,186	8,949	8,167
Unrestricted	(1,210)	1,358	5,349
Total net position	<u>\$ 300,635</u>	<u>\$ 302,701</u>	<u>\$ 305,078</u>

## ASSETS AND DEFERRED OUTFLOWS OF RESOURCES

**2020 compared to 2019** The Water Utility's total assets and deferred outflows of resources were \$629,636, reflecting an increase of \$11,876 (1.9%) primarily due to the following:

- Current and other assets, comprised of restricted and unrestricted assets, had a net decrease of \$13,435, primarily due to the use of \$11,648 of restricted bond proceeds and \$3,068 of unrestricted cash to fund capital projects. The net decrease was offset by an increase of \$1,329 in accounts receivable.
- Capital assets increased by \$4,134 as a result of an increase in additions and improvements to the Water distribution infrastructure system to improve service and reliability to Water Utility's customers, offset by an increase in current years depreciation. Additional capital asset information can be found in the "Capital Assets and Debt Administration" section.
- Deferred outflows of resources increased by \$21,177 primarily due to an increase of \$21,487 in deferred outflows related to pension for the 2020 Pension Obligation Bond Series A issue, deferred outflow related to other postemployment benefits (OPEB) due to the difference between projected and actual earnings on plan investments and changes in derivative values. The increase is primarily offset by a decrease of \$310 in loss on refunding due to the amortization.

**2019 compared to 2018** Total assets and deferred outflows of resources were \$617,760, reflecting an increase of \$38,783 (6.7%) over prior year. Current and other assets, comprised of restricted and unrestricted assets, increased by \$32,024 primarily due to the \$114,215 issuance of the 2019 Water

## WATER UTILITY FINANCIAL ANALYSIS (CONTINUED)

Revenue Series A bonds, which was offset by fully refunding the 2018 Water Revenue Series B Bonds, partially refunding the 2011 Water Revenue Series A Bonds. Capital assets increased by \$8,886 primarily due to an increase of \$13,462 for completed transmission and distribution system assets, net of current year depreciation. Deferred outflows of resources decreased by \$2,127 primarily due to a decrease in deferred outflows related to pension. The decrease was offset by an increase in deferred changes in derivative values.

### LIABILITIES AND DEFERRED INFLOWS OF RESOURCES

**2020 compared to 2019** The Water Utility's total liabilities and deferred inflows of resources were \$329,001, an increase of \$13,942 (4.4%) primarily due to the following:

- Long-term debt outstanding increased by \$11,327 primarily due to the issuance of the 2020 Pension Obligation Bond Series A, offset by a decrease in revenue bonds payable, note payable and leases payable. Additional debt information can be found in the "Capital Assets and Debt Administration" section.
- Other liabilities increased by \$4,675 primarily due to an increase of \$1,103 in net pension liability, an increase of \$2,517 in derivative instruments due to an increase in the fair market value of interest rate swaps, and an increase of \$872 in the current portion of long-term obligations. Additional information on note payable can be found in Note 4 of the accompanying financial statements.
- Deferred inflows of decreased by \$2,060 primarily due to pension related adjustments, which included the changes in assumptions, the differences between expected and actual experience and the change in projected versus actual earnings on pension plan investments as determined by the plan actuary.

**2019 compared to 2018** Total liabilities and deferred inflows of resources were \$315,059, reflecting an increase of \$41,160 (15.0%). The increase was primarily due to an increase of \$45,006 in long-term debt outstanding for the \$114,215 issuance of the 2019 Water Revenue Series A Bonds, which was offset by fully refunding the 2018 Water Revenue Series B Bonds and partially refunding the 2011 Water Revenue Series A Bonds. Other liabilities decreased by \$7,010 primarily due to a decrease in net pension liability. Deferred inflows of resources increased by \$3,164 primarily due to an increase in deferred inflows related to pension and in regulatory liability.

### NET POSITION

**2020 compared to 2019** The Water Utility's total net position, which represents the difference between the Water Utility's total assets and deferred outflows of resources less total liabilities and deferred inflows of resources, totaled \$300,635, a decrease of \$2,066 (0.7%).

- The largest portion of the Water Utility's total net position, which is its investment in capital assets of \$291,659 (97%), had a decrease of \$735 from prior year. Investment in capital assets reflects the Water Utility's investment in treatment, pumping, source of supply, transmission and distribution facilities, less any related outstanding debt used to acquire these assets. Additional capital asset information can be found in the "Capital Assets and Debt Administration" section.
- The restricted portion of net position totaled \$10,186 (3.4%), reflecting an increase of \$1,237 and represents resources that are subject to external restrictions on how they may be used. The increase was primarily due to an increase in restricted debt service reserve related to the principal payment increase of the 2019A Water Revenue Refunding Bonds and an increase in Water Conservation Programs equity due to a decrease in net pension liability. Restricted net position is reserved for items such as debt repayment and funds collected for Water Conservation Programs.

## WATER UTILITY FINANCIAL ANALYSIS (CONTINUED)

- The unrestricted portion of net position totaled (\$1,210) (0.4%), a decrease of \$2,568 from prior year, primarily attributable to the use of unrestricted cash and cash equivalent to fund capital projects. Unrestricted net position may be used to meet the Water Utility's ongoing operational needs and obligations to customers and creditors.

**2019 compared to 2018** Total net position decreased by \$2,377 (0.8%) to \$302,701. The decrease was primarily due to a decrease of \$3,991 in the unrestricted portion of net position primarily attributable to a decrease in cash provided by operating activities, offset by use of bond proceeds to fund capital projects. This was offset by an increase of \$832 in net investment in capital assets and \$782 in restricted net position.

# WATER UTILITY FINANCIAL ANALYSIS (CONTINUED)

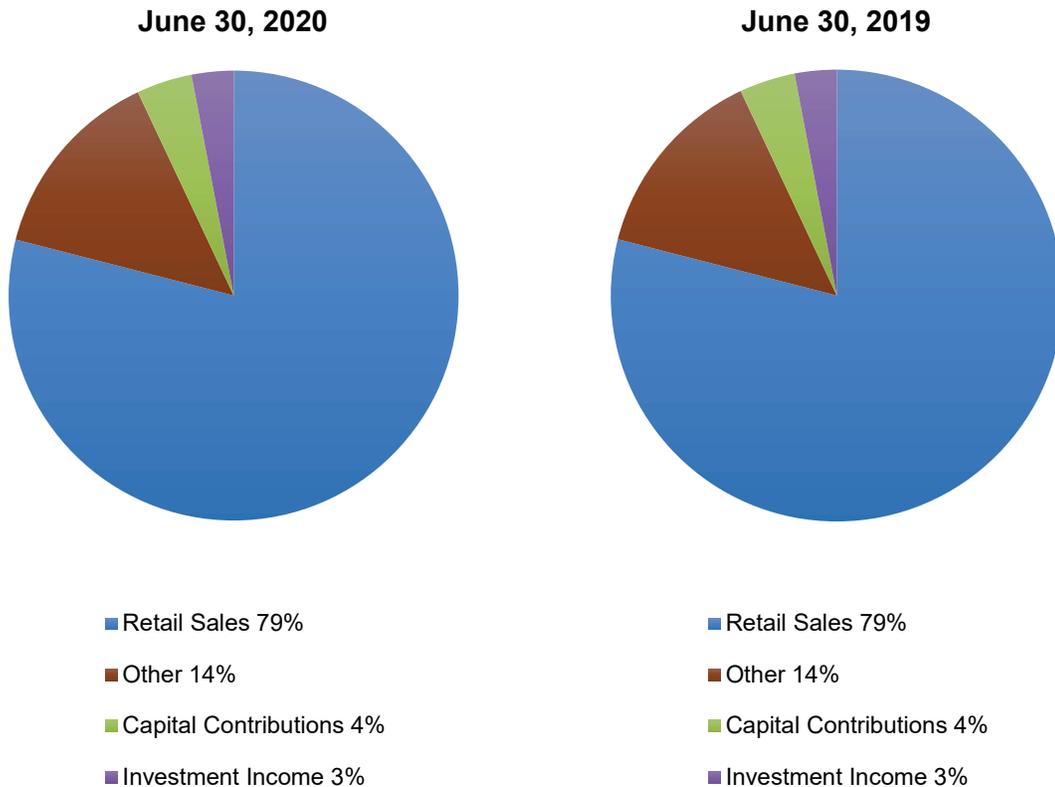
## CONDENSED STATEMENTS OF CHANGES IN NET POSITION

	2020	2019	2018
Revenues:			
Retail sales, net	\$ 61,683	\$ 57,605	\$ 58,216
Other revenues	10,862	10,530	11,463
Investment income	2,073	2,044	250
Capital contributions	3,129	3,119	4,181
<b>Total revenues</b>	<b>77,747</b>	<b>73,298</b>	<b>74,110</b>
Expenses:			
Operations and maintenance	41,845	39,217	38,976
Purchased energy	5,583	5,748	5,827
Depreciation	16,010	15,450	14,914
Interest expenses and fiscal charges	9,857	10,412	8,435
<b>Total expenses</b>	<b>73,295</b>	<b>70,827</b>	<b>68,152</b>
Transfers:			
Transfers to the City's general fund	(6,518)	(6,584)	(6,173)
<b>Total transfers</b>	<b>(6,518)</b>	<b>(6,584)</b>	<b>(6,173)</b>
<b>Changes in net position</b>	<b>(2,066)</b>	<b>(4,113)</b>	<b>(215)</b>
Net position, July 1, as previously reported	302,701	305,078	305,418
Less: Cumulative effect of change in accounting principle <sup>(1)</sup>	0	1,736	(125)
Net position, July 1, as restated	302,701	306,814	305,293
Net position, June 30	\$ 300,635	\$ 302,701	\$ 305,078

<sup>(1)</sup> For the implementation of postemployment benefits other than pensions, GASB Statement No. 75, for the year ended June 30, 2018, and restatement of pension allocation, GASB Statement No. 68, for the year ended June 30, 2019.

# WATER UTILITY FINANCIAL ANALYSIS (CONTINUED)

## REVENUES BY SOURCES



**2020 compared to 2019** The Water Utility's total revenues of \$77,747 increased by \$4,449 (6.1%) primarily due to the following changes:

- Retail sales (residential, commercial, industrial, and others), net of uncollectibles/recovery, totaled \$61,683, an increase of \$4,078 (7.1%) from prior fiscal year. Retail sales continue to be the primary revenue source for the Water Utility. The increase was due to the rate increase and a 1.5% increase in consumption.
- Other revenues of \$10,862 increased by \$332 (3.2%) due to an increase in water conveyance revenue from Western Municipal Water District (WMWD).
- Capital contribution of \$3,129 increased by \$10 (0.3%) and is consistent with prior year.
- Investment income of \$2,073 increased by \$29 (1%) and is consistent with prior year.

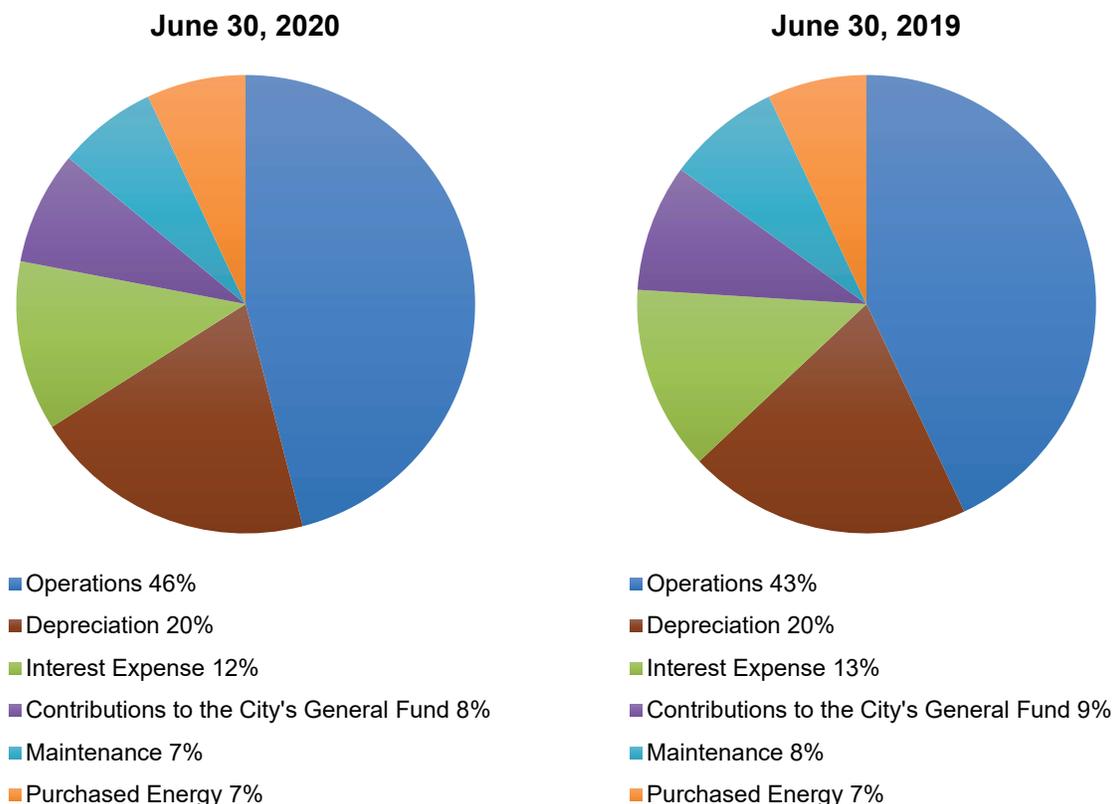
**2019 compared to 2018** The Water Utility's total revenues of \$73,298 decreased by \$812 (1.1%) primarily due to the following changes:

- Retail sales (residential, commercial, industrial, and others), net of uncollectibles/recovery, totaled \$57,605, a decrease of \$611 (1.0%) from prior fiscal year. Retail sales continue to be the primary revenue source for the Water Utility. The decrease was due to a 7.24% decrease in consumption.
- Other revenues of \$10,530 decreased by \$933 (8.1%) due to a decrease in water conveyance revenue from WMWD, which resulted from major repairs, two pipeline shutdowns, and significantly higher precipitation than the previous year.

## WATER UTILITY FINANCIAL ANALYSIS (CONTINUED)

- Capital contribution of \$3,119 decreased by \$1,062 (25.4%), primarily due to a decrease in contribution in aid of \$477 and completion of water system expansion project for Riverwalk Vista Improvement project of \$274.
- Investment income of \$2,044 increased by \$1,794 (718%) due to an increase in cash balances as a result of the 2019 Water Revenue Series A Bonds and a higher overall interest rate.

### EXPENSES BY SOURCES



**2020 compared to 2019** The Water Utility's total expenses, excluding general fund transfer, were \$73,295, an increase of \$2,468 (3.5%). The increase was primarily due to the following:

- Operations and maintenance expenses of \$41,485 increased by \$2,628 (6.7%), mainly due to a non-cash pension adjustment of \$1,046 compared to prior year non-cash pension adjustment of (\$482) as a result of pension accounting standards.
- Purchased energy and water expenses of \$5,583 decreased by \$165 (2.9%) from prior year, primarily attributable to a decrease in the electric costs.

**2019 compared to 2018** The Water Utility's total expenses, excluding general fund transfer, were \$70,827, an increase of \$2,675 (3.9%). The increase was primarily due to an increase of \$1,977 in interest and fiscal charges as a result of the 2019A Water Revenue Refunding Bonds issue, an increase in depreciation and an increase in general operations and maintenance costs.

## WATER UTILITY FINANCIAL ANALYSIS (CONTINUED)

### TRANSFERS

Pursuant to the City's Charter, the Water Utility may transfer up to 11.5 percent of prior year's gross operating revenues, including adjustments, to the City's general fund. The City uses these funds to help provide needed public services to the residents of the City, including police, fire, parks, libraries and other benefits. The Water Utility transferred \$6,518 and \$6,584 for 2020 and 2019, respectively based on the gross operating revenue provisions in the City's Charter.

# CAPITAL ASSETS AND DEBT ADMINISTRATION

## CAPITAL ASSETS

The Water Utility's investment in capital assets includes investments in source of supply, pumping, treatment, transmission and distribution facilities, land, intangibles, and construction in progress, as well as general items such as office equipment, furniture, etc.

The following table summarizes the Water Utility's capital assets, net of accumulated depreciation, as of June 30:

	2020	2019	2018
Source of supply	\$ 53,648	\$ 48,434	\$ 46,565
Pumping	18,726	19,213	19,690
Treatment	28,284	29,523	30,683
Transmission and distribution	339,018	341,198	328,656
General	3,486	3,944	2,664
Land	20,841	20,840	20,840
Intangible	12,141	12,807	13,398
Construction in progress	23,341	19,392	23,969
Total capital assets	\$ 499,485	\$ 495,351	\$ 486,465

**2020 compared to 2019** The Water Utility's investment in capital assets, net of accumulated depreciation, was \$499,485, an increase of \$4,134 (0.8%) from prior year. The increase resulted primarily from the increase in construction in progress. The Water Utility's significant capital projects include the following:

- \$10,110 in distribution pipelines, such as main replacements, distribution system facilities replacement and system expansion.
- \$3,461 in well projects, such as potable irrigation well replacements and facility rehabilitation.
- \$2,277 in distribution facilities, such as pump station replacements and meters.
- \$630 in donated transmission and distribution services, mains and fire hydrants.

**2019 compared to 2018** The Water Utility's investment in capital assets, net of accumulated depreciation, is \$495,351, an increase of \$8,886 (1.8%). The increase resulted mainly from an increase of \$12,542 in system expansion and improvements, transmission mains replacement, distribution and meter replacements. The increase was offset by a decrease of \$4,577 in the construction in progress.

Additional information regarding capital assets can be found in Note 3 of the accompanying financial statements.

## CAPITAL ASSETS AND DEBT ADMINISTRATION (CONTINUED)

### DEBT ADMINISTRATION

The following table summarizes outstanding long-term debt as of June 30:

	2020	2019	2018
Revenue bonds	\$ 205,165	\$ 210,685	\$ 182,885
Unamortized bond premium	19,714	20,954	1,749
Pension obligation bonds	23,035	3,028	3,756
Contracts payable	1,019	937	937
Leased purchases	1,666	1,884	2,095
Note payable	19,524	20,323	21,524
Less: Current portion of outstanding debt	(8,770)	(7,785)	(7,926)
Total	\$ 261,353	\$ 250,026	\$ 205,020

The Water Utility's bond indentures require a minimum debt service coverage ratio, as defined by the bond covenants, of 1.25. The Water Utility's debt service coverage ratio was 1.80, 1.68, and 2.16 at June 30, 2020, 2019, and 2018, respectively. The debt is backed by the revenues of the Water Utility. The prior years' debt service coverage ratio has been restated to exclude the non-cash postemployment benefits other than pensions (OPEB) related adjustment for required OPEB accounting standards. For additional information, see Note 4 of the accompanying financial statements and the Key Historical Operating Data section.

The Water Utility's long-term debt increased by \$11,327 (4.5%) for 2020 primarily due the 2020 Pension Obligation Bond Series A issue and increased by \$45,006 (22.0%) for 2019 primarily due the 2019A Water Revenue Refunding Bonds issue.

Additional information on the Water Utility's long-term debt can be found in Note 4 of the accompanying financial statements.

### CREDIT RATINGS

The Water Utility maintains credit ratings of "AAA", "AA+" and "Aa2" from S&P Global Ratings (S&P), Fitch Ratings (Fitch) and Moody's, respectively.

In December 2019, S&P assigned its "AAA" rating on the 2011A Variable Rate Refunding Water Revenue Bonds and affirmed the "AAA" long-term rating on the existing Water revenue bonds.

In November 2020, Fitch assigned its "AA+" long-term rating on the 2019A Water Revenue Refunding Bonds and affirmed the AA+ rating on the outstanding Water revenue bonds.

In July 2019, Moody's affirmed its "Aa2" long-term rating on the Water Utility's outstanding revenue bonds.

These affirmations and ratings reflect the Water Utility's strong financial performance, advantageous water supply, investments in infrastructure and rate competitiveness, among many other factors.

## REGULATORY, LEGISLATIVE FACTORS, AND RATES

Utilities are faced with ongoing regulatory and legislative mandates enacted at the federal and state level that will have significant impacts on the operations of the Water Utility.

The State of California has experienced unprecedented drought conditions in recent years resulting in severe impacts to California's water supplies and its ability to meet all of the demands for water in the State. The Water Utility is very fortunate as a water provider in California in that the Water Utility owns, operates and maintains its own water supply and is not typically dependent on imported water from outside sources. The Water Utility currently has sufficient water supplies to meet customer needs even during severe drought conditions; however, the aquifers the Water Utility draws from are experiencing historic low levels. The Water Utility has responded by continuing to offer a wide variety of water conservation programs for its customers in an effort to conserve its water resources.

The Water Utility continues to offer customers a wide variety of water conservation programs that help reduce their water usage and utility costs, and help the City meet State mandates and be more sustainable. These programs provide rebates for residents and businesses to help them save money by conserving water. In an effort to streamline and automate the rebate process, the City formed a partnership with Metropolitan Water District of Southern California to administer and process rebates for high-efficiency toilets, clothes washers, irrigation controllers and many other water-saving devices.

In addition, the Water Utility created the "Less Water, More Color" marketing campaigns to promote efficient water use and management for residents and businesses. These campaigns provide resources to explore water rebates, information on water quality, water efficiency tips and resources to assist individuals to create a water-efficient property.

To further provide comprehensive resources and guidance as to how to implement water efficiency practices at residents and businesses, the Water Utility, in partnership with the City created the Street Park Turf Conversion and Demonstration Garden at the Janet Goeske Center. The Demonstration Garden allows residents and businesses to interact with water conservation materials and techniques that conserve water, elevate customer awareness, increase incentive program participation, provide educational opportunities and demonstrate water conservation best practices.

The Water Utility's water conservation and efficiency programs have assisted the residents and business to save 49,017,357 gallons of water for the period from July 2019 to June 2020.

The Water Utility's long-range water supply planning includes significant contributions of both conservation and recycled water. The behavioral changes instituted through conservation and water use efficiency should have some permanent impact. Changes in landscape patterns and uses will have permanent and on-going impacts to water use. Continuing conservation measures could negatively impact the Water Utility revenues and has been addressed in the recent cost of service analysis conducted by the Water Utility.

## WATER CONSERVATION

On November 10, 2009, the Governor signed SBX7-7, which requires the State of California to achieve a (i) 10% reduction in urban per capita water use by December 31, 2015, and (ii) 20% reduction in urban per capita water use by December 31, 2020. Additionally, on May 31, 2018, the Governor signed long-term water-use efficiency bills Senate Bill 606 and Assembly Bill 1668 into law to establish a long-term foundation for water use efficiency and drought planning, providing standards for indoor residential water use of 55 gallons per capita per day (GPCD) until 2025, 52.5 GPCD from 2025 to 2030, and 50 GPCD beginning in 2030.

The City established its urban water use targets for 2020 in accordance with SBX7-7 and recalculated the target in the City's 2015 Urban Water Management Plan to reflect the use of DWR's population tool. Under AB 1668 and SB 606, the City must set, meet and report water use objectives for its service area using a

## REGULATORY, LEGISLATIVE FACTORS, AND RATES (CONTINUED)

water budget-based approach by 2023. In addition, the City must conduct and submit a Water Shortage Contingency Plan and a Drought Risk Assessment every 5 years as part of its Urban Water Management Plan and annual water supply and demand assessment.

### WATER STANDARDS

The development of new and increasingly stringent drinking water regulations by the California Environmental Protection Agency (CalEPA) and the U.S. Environmental Protection Agency (USEPA) are significantly impacting water supply costs throughout the state and the nation. New chemical and biological contaminants are being discovered through more sophisticated research techniques and improved analytical methods. In addition, public health and environmental agencies are now evaluating how anthropogenic factors are impacting our water supplies. Pesticides, pharmaceuticals, and personal care products are being evaluated at trace levels, which can be orders of magnitude lower than what was achievable 20 years ago. As a result, water treatment costs are increasing as federal and state legislators and regulators try to balance public health risk with affordable water supply costs.

In 2011, the USEPA announced plans to establish a federal drinking water standard for perchlorate, and in June 2019, published a proposed national primary drinking water regulation based on the best available information with multiple alternative actions to consider. On June 18, 2020, the USEPA issued a final action to withdraw the 2011 regulatory determination after finding that perchlorate did not occur with a frequency and at levels of public health concern within the meaning of the Safe Drinking Water Act, and that development of a regulation did not present a meaningful opportunity for health risk reduction for persons served by public water systems. The State of California's MCL for perchlorate is 6 parts per billion ("ppb"). The MCL may be considered for possible revision as a result of the California Environmental Protection Agency's 2015 reduction in the perchlorate Public Health Goal from 6 ppb to 1 ppb. In addition, the California State Division of Drinking Water (DDW) has proposed lowering the perchlorate detection limit for reporting purposes from 4 ppb to as low as 2 ppb. A reduction in the perchlorate standard will impact the Water Utility's water supply costs.

In December 2016, the USEPA completed its third review of existing National Primary Drinking Water Regulations (NPDWR) (i.e., the Six-Year Review 3). The USEPA determined that 68 of the 76 NPDWR remain appropriate (i.e., do not need to be revised) and that eight NPDWRs are candidates for regulatory revision. These eight NPDWRs are included in the Stage 1 and the Stage 2 Disinfectants and Disinfection Byproducts Rules, the Surface Water Treatment Rule, the Interim Enhanced Surface Water Treatment Rule and the Long Term 1 Enhanced Surface Water Treatment Rule. The eight NPDWRs are chlorite, Cryptosporidium, Giardia lamblia, haloacetic acids (HAA5), heterotrophic bacteria, Legionella, total trihalomethanes (TTHM) and viruses. Any revision resulting in the lower of these standards may impact the Water Utility's water supply costs.

On December 14, 2017, the State Water Resources Control Board (SWRCB) adopted an MCL for 1,2,3-Trichloropropane ("1,2,3-TCP) of 0.000005 mg/L or 5 parts per trillion (ppt). Water Quality Monitoring was initiated in 2018. To date, seven of the City's potable wells show detections of 1,2,3-TCP that exceed the MCL. These wells extract water from the same aquifers that are contaminated by other known anthropogenic chemicals and are currently being treated by existing GAC treatment facilities.

Perfluorooctanoic acid (PFOA) and perfluorooctane sulfonic acid (PFOS) are fluorinated organic chemicals which are part of a family of compounds referred to as per- and polyfluoroalkyl substances (PFAS). PFAS are synthetic compounds that are water and lipid resistant and are useful for a variety of manufacturing

## REGULATORY, LEGISLATIVE FACTORS, AND RATES (CONTINUED)

processes and industrial applications. In May 2016, the USEPA issued a lifetime health advisory for PFOA and PFOS in drinking water of a combined level of 70 ppt. In August 2019, DDW established Notification Levels for PFOA and PFOS of 5.1 and 6.5 ppt, respectively. In February 2020, DDW issued updated drinking water response levels of 10 ppt for PFOA and 40 ppt for PFOS based on a running four-quarter average.

The City believes that PFAS have been in the groundwater basins from which the City draws water in very low concentrations for many years. Recent technological advances enabled water agencies to detect PFAS compounds at such low concentrations. The City's goal is to remain below the Notification Levels, which are lower than the Response Level. Many of the City's wells with detections of PFAS also extract water from the same aquifers that are contaminated by other known anthropogenic chemicals and are currently being treated by existing treatment facilities. In fall, 2019, the Board approved the expenditure of approximately \$850 to treat a well with the higher levels of PFAS as well as develop a long-term water treatment strategy.

The Water Utility will continue to monitor the progress of the proposed standard changes and will advocate for standards that protect human health and are based on the best available science.

### CLEAN WATER ACT

On March 25, 2014, USEPA and the Army Corps released a draft proposed rule revising the definition of "Waters of the United States." The proposed rule significantly expanded the scope of Federal jurisdiction in determining the waters of the United States. In particular, the rule added jurisdiction over water conveyance systems, groundwater recharge, and recycled water systems. The proposed rule defined tributaries too broadly in that it included canals and aqueducts. The inclusion of canals and aqueducts would make the transfer of water much more difficult and would increase permitting costs. The draft rule was made final on August 28, 2015. However, on October 9, 2015, the United States Court of Appeals issued a Stay causing the USEPA and the Army Corps to resume using the prior regulations defining the term "Waters of the United States." In October 2019, the USEPA and the US Army published the final rule to repeal the 2015 rule defining "Waters of the United States" and re-codify the regulatory text that existed prior to the 2015 rule. In April 2020, the US EPA and US Army published the Navigable Waters Protection Rule to define "Waters of the United States." The published rule streamlined the definition so that it includes four simple categories of jurisdictional waters, provides clear exclusions for many water features that traditionally have not been regulated, and defines terms in the regulatory text that have never been defined before.

### FIVE-YEAR WATER RATE PLAN

On May 22, 2018, the City Council approved a new five-year Water Rate Plan, which includes system average annual rate increases. The first annual rate increase was effective July 1, 2018 with the following four years effective on July 1 of each year. The approved five-year Water Rate Plan includes annual reviews of the adopted rates by City Council. The system average rate increase effective July 1, 2018 was 4.50%, followed by system average rate increases of 5.75% in years two through four, and a system average rate increase of 6.50% in the final year of the rate plan. The Water Rate Plan included a redesign of water rates over a five-year period to better align with its cost of serving customers and its revenue requirement. The water rate restructuring was designed to provide financial stability and correct the imbalance of costs versus revenue recovery by increasing fixed cost recovery through monthly service charges to reflect the nature of underlying costs. Pursuant to City Council direction, the first annual review of rates was conducted in February 2020 and the second annual review of rates was conducted in January 2021.

## **REQUESTS FOR INFORMATION**

This financial report is designed to provide a general overview of the Water Utility's finances. Questions concerning any information provided in this report or requests for additional financial information should be addressed to the Assistant General Manager – Business Systems and Customer Service, Riverside Public Utilities, 3750 University Avenue, 3rd floor, Riverside, CA 92501. Additional financial information can also be obtained by visiting [www.RiversidePublicUtilities.com](http://www.RiversidePublicUtilities.com).

# WATER UTILITY: FINANCIAL STATEMENTS

## STATEMENTS OF NET POSITION

	June 30, 2020	June 30, 2019
ASSETS AND DEFERRED OUTFLOWS OF RESOURCES	(in thousands)	
NON-CURRENT ASSETS:		
Utility plant:		
Utility plant, net of accumulated depreciation (Note 3)	\$ 499,485	\$ 495,351
Restricted assets:		
Cash and investments at fiscal agent (Note 2)	28,826	40,474
Other non-current assets:		
Regulatory assets	994	1,055
Other long-term assets	3,525	3,825
Total other non-current assets	4,519	4,880
Total non-current assets	532,830	540,705
CURRENT ASSETS:		
Unrestricted assets:		
Cash and cash equivalents (Note 2)	37,978	41,038
Accounts receivable, less allowance for doubtful accounts 2020 \$559; 2019 \$170	9,979	8,650
Accrued interest receivable	114	138
Advances to other funds of the City	-	139
Prepaid expenses	225	227
Other current assets	300	300
Total unrestricted current assets	48,596	50,492
Restricted assets:		
Cash and cash equivalents (Note 2)	7,293	7,233
Water Conservation Programs - cash and cash equivalents (Note 2)	2,790	2,442
Water Conservation Programs receivable	164	102
Total restricted current assets	10,247	9,777
Total current assets	58,843	60,269
Total assets	591,673	600,974
DEFERRED OUTFLOWS OF RESOURCES:		
Deferred outflows related to pension (Note 6)	26,619	8,115
Deferred outflow related to other postemployment benefits (Note 7)	644	-
Changes in derivative values	5,092	2,753
Loss on refunding	5,608	5,918
Total deferred outflows of resources	37,963	16,786
Total assets and deferred outflows of resources	\$ 629,636	\$ 617,760

See accompanying notes to the financial statements

## STATEMENTS OF NET POSITION

	June 30, 2020	June 30, 2019
<b>NET POSITION, LIABILITIES, AND DEFERRED INFLOWS OF RESOURCES</b>	<b>(in thousands)</b>	
<b>NET POSITION:</b>		
Net investment in capital assets	\$ 291,659	\$ 292,394
Restricted for:		
Debt service (Note 8)	7,284	6,710
Water Conservation Programs	2,902	2,239
Unrestricted	(1,210)	1,358
Total net position	<u>300,635</u>	<u>302,701</u>
LONG-TERM OBLIGATIONS, LESS CURRENT PORTION (Note 4)	<u>261,353</u>	<u>250,026</u>
<b>OTHER NON-CURRENT LIABILITIES:</b>		
Net other postemployment benefits liability (Note 7)	4,382	3,524
Net pension liability (Note 6)	31,840	30,737
Compensated absences (Note 5)	549	299
Derivative instrument (Note 4)	7,774	5,257
Regulatory liability	3,248	3,427
Total other non-current liabilities	<u>47,793</u>	<u>43,244</u>
<b>CURRENT LIABILITIES PAYABLE FROM RESTRICTED ASSETS:</b>		
Accrued interest payable	1,489	2,733
Water Conservation Programs payable	10	4
Current portion of long-term obligations (Note 4)	7,228	6,356
Total current liabilities payable from restricted assets	<u>8,727</u>	<u>9,093</u>
<b>CURRENT LIABILITIES:</b>		
Accounts payable and other accruals	3,090	2,850
Current portion of long-term obligations (Note 4)	1,542	1,429
Unearned revenue	42	39
Customer deposits	913	789
Compensated absences (Note 5)	1,740	1,728
Total current liabilities	<u>7,327</u>	<u>6,835</u>
Total liabilities	<u>325,200</u>	<u>309,198</u>
<b>DEFERRED INFLOWS OF RESOURCES:</b>		
Deferred inflows related to pension (Note 6)	3,702	5,744
Deferred inflows related to other postemployment benefits (Note 7)	99	117
Total deferred inflows of resources	<u>3,801</u>	<u>5,861</u>
Total net position, liabilities and deferred inflows of resources	<u>\$ 629,636</u>	<u>\$ 617,760</u>

See accompanying notes to the financial statements

# STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET POSITION

	For the Fiscal Year Ended June 30	
	2020	2019
	(in thousands)	
<b>OPERATING REVENUES:</b>		
Residential sales	\$ 39,001	\$ 35,408
Commercial sales	21,244	20,539
Other sales	1,885	1,743
Water conveyance revenue	3,255	1,785
Water Conservation Programs	1,023	943
Other operating revenue	3,759	4,759
Total operating revenues before uncollectibles	<u>70,167</u>	<u>65,177</u>
Estimated uncollectibles, net of bad debt recovery	(447)	(85)
Total operating revenues, net of uncollectibles	<u>69,720</u>	<u>65,092</u>
<b>OPERATING EXPENSES:</b>		
Operations	36,091	32,616
Maintenance	5,394	5,851
Purchased energy	5,583	5,748
Water Conservation Programs	360	750
Depreciation	16,010	15,450
Total operating expenses	<u>63,438</u>	<u>60,415</u>
Operating income	<u>6,282</u>	<u>4,677</u>
<b>NON-OPERATING REVENUES (EXPENSES):</b>		
Investment income	2,073	2,044
Interest expense and fiscal charges	(9,857)	(10,412)
Gain on sale of assets	69	155
Other	2,756	2,888
Total non-operating revenues (expenses)	<u>(4,959)</u>	<u>(5,325)</u>
Income before capital contributions and transfers	<u>1,323</u>	<u>(648)</u>
Capital contributions	3,129	3,119
Transfers out - contributions to the City's general fund	(6,518)	(6,584)
Total capital contributions and transfers	<u>(3,389)</u>	<u>(3,465)</u>
Decrease in net position	<u>(2,066)</u>	<u>(4,113)</u>
NET POSITION, BEGINNING OF YEAR	<u>302,701</u>	<u>305,078</u>
RESTATEMENT OF NET POSITION (Note 11)	<u>-</u>	<u>1,736</u>
NET POSITION, BEGINNING OF YEAR, AS RESTATED	<u>302,701</u>	<u>306,814</u>
NET POSITION, END OF YEAR	<u>\$ 300,635</u>	<u>\$ 302,701</u>

See accompanying notes to the financial statements

# STATEMENTS OF CASH FLOWS

	For the Fiscal Year Ended Ended June 30,	
	2020	2019
	(in thousands)	
<b>CASH FLOWS FROM OPERATING ACTIVITIES:</b>		
Cash received from customers and users	\$ 68,456	\$ 65,239
Cash paid to suppliers and employees	(45,674)	(46,190)
Other receipts	974	1,132
Net cash provided by operating activities	<u>23,756</u>	<u>20,181</u>
<b>CASH FLOWS FROM NON-CAPITAL FINANCING ACTIVITIES:</b>		
Transfers out - contributions to the City's general fund	(6,518)	(6,584)
Payment on pension obligation bonds	(619)	(728)
Pension obligation bond issuance costs	(76)	-
Proceeds from pension obligation bond, used to pay into employee pension plan	20,566	-
Cash paid to employee pension plan from proceeds of pension obligation bond	(20,490)	-
Cash received (paid) on advances from (to) other funds of the City	139	(8)
Net cash used for non-capital financing activities	<u>(6,998)</u>	<u>(7,320)</u>
<b>CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES:</b>		
Purchase of utility plant	(19,061)	(21,670)
Proceeds from the sale of utility plant	68	183
Principal paid on long-term obligations	(5,737)	(5,841)
Interest paid on long-term obligations	(10,955)	(9,442)
Proceeds from revenue bonds, including premium	-	53,566
Revenue bond refunding cost	-	(760)
Bond issuance costs	-	(526)
Capital contributions	2,530	2,489
Net cash used provided (used) by capital and related financing activities	<u>(33,155)</u>	<u>17,999</u>
<b>CASH FLOWS FROM INVESTING ACTIVITIES:</b>		
Proceeds from investment securities	268	(268)
Income from investments	2,097	2,097
Net cash provided by investing activities	<u>2,365</u>	<u>1,829</u>
Net increase (decrease) in cash and cash equivalents	(14,032)	32,689
<b>CASH AND CASH EQUIVALENTS, BEGINNING OF YEAR (including \$49,881 and \$10,766 at June 30, 2019 and June 30, 2018 respectively, reported in restricted accounts)</b>	<u>90,919</u>	<u>58,230</u>
<b>CASH AND CASH EQUIVALENTS, END OF YEAR (including \$38,909 and \$49,881 at June 30, 2020 and June 30, 2019 respectively, reported in restricted accounts)</b>	<u>\$ 76,887</u>	<u>\$ 90,919</u>
<b>RECONCILIATION OF OPERATING INCOME TO NET CASH PROVIDED BY OPERATING ACTIVITIES:</b>		
Operating income	\$ 6,282	\$ 4,677
Adjustments to reconcile operating income to net cash provided by operating activities:		
Depreciation	16,010	15,450
Increase (decrease) in allowance for uncollectible accounts	389	(24)
(Increase) decrease in accounts receivable	(1,780)	223
Decrease in prepaid expenses	2	11
Increase (decrease) in accounts payable and other accruals	240	(984)
Increase in compensated absences	262	177
Increase (decrease) in unearned revenue	3	(25)
Increase (decrease) in Water Conservation Programs payable	6	(67)
Increase (decrease) Increase in customer deposits	124	(24)
Changes in net pension liability and related deferred outflows and inflows of resources	1,047	(480)
Changes in other postemployment benefits liability and related deferred outflows and inflows of resources	197	118
Other receipts	974	1,129
Net cash provided by operating activities	<u>\$ 23,756</u>	<u>\$ 20,181</u>
<b>SCHEDULE OF NON-CASH INVESTING, CAPITAL AND FINANCING ACTIVITIES:</b>		
Capital contributions - capital assets	599	630
Reduction of note payable including interest, offset by rent credit	1,782	1,756
Principal balance of revenue bonds refunded	-	68,800

See accompanying notes to the financial statements

# WATER UTILITY: NOTES TO THE FINANCIAL STATEMENTS

## NOTE 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The Water Utility exists under, and by virtue of, the City of Riverside (the City) Charter enacted in 1883. The Water Utility is responsible for the production, transmission and distribution of water for sale in the City, except for certain areas served by another water utility. The accompanying financial statements present only the financial position and the results of operations of the Water Utility, which is an enterprise fund of the City, and are not intended to present fairly the financial position and results of operations of the City in conformity with generally accepted accounting principles. However, certain disclosures are for the City as a whole, since such information is generally not available for the Water Utility on a separate fund basis. All amounts, unless otherwise indicated, are expressed in thousands of dollars.

### BASIS OF ACCOUNTING

The Water Utility uses the accrual basis of accounting as required for enterprise funds with accounting principles generally accepted in the United States of America as applicable to governments. The accounting records of the Water Utility are also in conformity with the Uniform System of Accounts prescribed by the California Public Utilities Commission. The Water Utility is not subject to the regulations of the California Public Utilities Commission.

The Water Utility distinguishes operating revenues and expenses from non-operating items. Operating revenues and expenses generally result from providing services and producing and delivering goods in connection with an enterprise fund's principal ongoing operations. The principal operating revenues of the Water Utility are charges to customers for water sales and services. Operating expenses for the Water Utility include the cost of water sales and services, administrative expenses, and depreciation on capital assets. All revenues and expenses not meeting this definition are reported as non-operating revenues and expenses.

### IMPLEMENTATION OF NEW ACCOUNTING PRONOUNCEMENTS

In November 2016, the GASB issued Statement No. 83, *Certain Asset Retirement Obligations* (GASB 83). This Statement addresses accounting and financial reporting for certain asset retirement obligations (AROs). An ARO is a legally enforceable liability associated with the retirement of a tangible capital asset. This Statement establishes criteria for (1) determining the timing and pattern of liability recognition and a corresponding deferred outflow, (2) requires liability recognition when it is incurred and reasonably estimable, and (3) requires ARO measurement to be based on the best estimate of the current value of outlays expected to be incurred. If an ARO has been incurred but is not yet recognized because it is not reasonably estimable, the government is required to disclose that fact and the reasons therefor. This Statement will enhance comparability of financial statements among governments by establishing uniform criteria for governments to recognize and measure certain AROs, including obligations that may not have been previously reported. This Statement is effective for reporting period beginning after June 15, 2019. As of FY19-20 there is no impact on financial reporting.

In March of 2018, the GASB issued Statement No. 88, *Certain Disclosures Related To Debt, Including Direct Borrowings And Direct Placements* (GASB 88). The primary objective of this Statement is to improve the information that is disclosed in notes to government financial statements related to debt, including direct borrowings and direct placements. It also clarifies which liabilities governments should include when disclosing information related to debt. This Statement defines debt for purposes of disclosure in notes to financial statements as a liability that arises from a contractual obligation to pay cash (or other assets that may be used in lieu of cash) in one or more payments to settle an amount that is fixed at the date the contractual obligation is established. For notes to financial statements related to debt, this Statement also requires that existing and additional information be provided for direct borrowings and direct placements of debt separately from other debt. In addition, information about resources to liquidate debt and the risks

## **NOTE 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)**

associated with changes in terms associated with debt will be disclosed. As a result, users will have better information to understand the effects of debt on a government's future resource flows. This Statement is effective for reporting period beginning after June 15, 2019. For further details, refer to Note 4.

In June 2017, the GASB issued Statement No. 87, Leases. The objective of this Statement is to better meet the information needs of financial statement users by improving accounting and financial reporting for leases. The Statement requires recognition of certain lease assets and liabilities for leases that previously were classified as operating leases. The requirements of this Statement are effective for reporting periods beginning after June 15, 2021. The Department is evaluating the impact of this standard.

In June 2018, the GASB issued Statement No. 89, Accounting for Interest Cost Incurred before the End of a Construction Period. The objectives of the Statement are (1) to enhance the relevance and comparability of information about capital assets and the cost of borrowing for a reporting period and (2) to simplify accounting for interest cost incurred before the end of a construction period. The requirements of this Statement are effective for reporting periods beginning after December 15, 2020.

### **USE OF ESTIMATES**

The preparation of financial statements in conformity with accounting principles generally accepted in the United States requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and the reported amounts of revenues and expenses during a reporting period. Accordingly, actual results could differ from those estimates.

### **REVENUE RECOGNITION**

The Water Utility customers are billed monthly. Unbilled water service charges, including the Water Conservation Programs, are recorded at year-end and are included in accounts receivable. Unbilled accounts receivable totaled \$3,378 at June 30, 2020, and \$3,050 at June 30, 2019.

An allowance for doubtful accounts is maintained for utility and miscellaneous accounts receivable. The balance in this account is adjusted at fiscal year-end to approximate the amount anticipated to be uncollectible.

### **WATER UTILITY PLANT AND DEPRECIATION**

The Water Utility defines capital assets as assets with an initial, individual cost of more than five thousand dollars and an estimated useful life in excess of one year. Utility plant assets are valued at historical costs or estimated historical cost, if actual historical cost is not available. Costs include labor; materials; interest during construction up to FY18-19; allocated indirect charges such as engineering, supervision, construction and transportation equipment; retirement plan contributions and other fringe benefits. Contributed plant assets are valued at estimated fair value on the date contributed. The cost of relatively minor replacements is included in maintenance expense. Intangible assets that cost more than one hundred thousand dollars with useful lives of at least three years are capitalized and are recorded at cost.

For fiscal year ended June 30, 2019, the Water Utility capitalized net interest costs of \$811. Interest incurred during the construction phase was reflected in the capitalized value of the asset constructed in prior year. Due to implementation of GASB 89 noted above, the Water Utility did not capitalize interest for fiscal year ended June 30, 2020. For fiscal years ended June 30, 2020 and 2019, total interest expense incurred by the Water Utility was \$11,606 and \$11,373, respectively.

# NOTE 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Depreciation is recorded over the estimated useful lives of the related assets using the straight-line method. The estimated useful lives are as follows:

Supply, pumping and treatment plant.....	20-50 years
Transmission and distribution plant.....	25-50 years
General plant and equipment.....	5-50 years
Intangibles.....	5-15 years

## RESTRICTED ASSETS

Proceeds of revenue bonds yet to be used for capital projects, as well as certain resources set aside for debt service, are classified as restricted assets on the Statements of Net Position because their use is limited by applicable bond covenants. Proceeds from lease purchase financing yet to be used for the acquisition of capital equipment are also classified as restricted assets because their use is legally restricted for a specific purposes. Generally, the Water Utility will first apply restricted resources when expenses incurred for which both restricted and unrestricted resources are available.

In June 2004, the Water Utility began collecting a surcharge for Water Conservation Programs. This surcharge was approved by the City Council and was phased in over a three-year period with a 0.5 percent, 1.0 percent and 1.5 percent surcharge effective June 1, 2004, 2005 and 2006, respectively, to be in effect for services rendered on or after June 1, 2004 through May 31, 2014. On April 22, 2014, the City Council approved continuation of the 1.5 percent surcharge effective for the next ten years. The programs and services offered include conservation, education, and water use efficiency programs; and research, development and demonstration programs to advance science and technology with respect to water conservation. The activity associated with the surcharge is reflected in the accompanying financial statements on the Statements of Net Position, Statements of Revenues, Expenses and Changes in Net Position, and Statements of Cash Flows.

## CASH AND INVESTMENTS

In accordance with the Water Utility policy, the Water Utility's cash and investments, except for cash and investments with fiscal agents, are invested in a pool managed by the Treasurer of the City. Cash accounts of all funds are pooled for investment purposes to enhance safety and liquidity, while maximizing interest earnings. The Water Utility does not own specific, identifiable investments of the pool. The pooled interest earned is allocated monthly based on the month end cash balances.

The Water Utility values its cash and investments in accordance with provisions of GASB Statement No. 72, *Fair Value Measurement and Application*, which requires governmental entities to use valuation techniques that are appropriate under the circumstances and for which sufficient data are available to measure fair value. The techniques should be consistent with one or more of the following approaches: the market approach, the cost approach or the income approach. Valuation includes a hierarchy of inputs with three distinct levels. Level 1 are quoted prices in an active market for identical assets; Level 2 inputs are significant other observable inputs; and Level 3 inputs are significant unobservable inputs. The Water Utility does not value any of its investments using level 3 inputs.

City-wide information concerning cash and investments as of June 30, 2020, including authorized investments, fair value measurement and application, custodial credit risk, credit and interest rate risk for debt securities and concentration of investments, carrying amount and market value of deposits and investments can be found in the notes to the City's financial statements in the City's "Comprehensive Annual Financial Report" (CAFR).

## **NOTE 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)**

### **CASH AND INVESTMENTS AT FISCAL AGENTS**

Cash and investments maintained by fiscal agents, if any, are considered restricted by the Water Utility and are used to fund construction of capital assets.

### **UNRESTRICTED DESIGNATED CASH RESERVES**

The Riverside Public Utilities Cash Reserve Policy establishes several designated cash reserves in the Water Utility for strategic purposes. Designated reserves are considered unrestricted assets and represent the portion of unrestricted reserves set aside for specific purposes determined by the Board of Public Utilities and City Council. Designated reserves may be held for capital or operating purposes.

Unrestricted designated cash reserve balances as of June 30, 2020 and 2019 were as follows: Property Reserve \$5,151 and \$5,060, Recycled Water Reserve \$1,140 and \$1,554, Customer Deposits \$703 and \$626, and Capital Repair and Replacement Reserve \$2,317 and \$2,276, respectively. The combined total for these reserves was \$9,311 and \$9,516 at June 30, 2020 and 2019, respectively and is included as a component of unrestricted cash and cash equivalents in the accompanying Statements of Net Position.

### **ADVANCES TO OTHER FUNDS OF THE CITY**

Advances to other funds of the City have been recorded as a result of agreements between the Water Utility and the City. The balances as of June 30, 2020 and 2019 are \$0 and \$139, respectively.

### **DERIVATIVES**

The Water Utility accounts for derivative instruments using GASB Statement No. 53, *Accounting and Financial Reporting for Derivative Instruments* (GASB 53). This Statement requires the Water Utility to report its derivative instruments at fair value. Changes in fair value for effective hedges are to be reported as deferred inflows and outflows of resources on the Statements of Net Position. Changes in fair value of derivative instruments not meeting the criteria for an effective hedge, or that are associated with investments are to be reported in the non-operating revenues section of the Statements of Revenue, Expenses and Changes in Net Position.

The Water Utility has determined that its interest rate swaps associated with variable rate obligations are derivative instruments under GASB 53. See Note 4 Long-Term Obligations for further discussion related to the Water Utility's interest rate swaps.

### **BOND PREMIUM/DISCOUNTS AND GAINS/LOSSES ON REFUNDING**

Bond premium/discounts and gains/losses on refunding (including gains/losses related to interest rate swap transactions) are deferred and amortized over the term of the new bonds using the effective interest method. Bonds payable are reported net of the applicable bond premium or discount. Gains/losses on refunding are reported as deferred inflows or outflows of resources.

### **CUSTOMER DEPOSITS**

The City holds customer deposits as security for the payment of utility bills and plan check fee deposits for future water connection. The Water Utility's portion of these deposits as of June 30, 2020 and 2019 was \$913 and \$789, respectively.

# NOTE 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

## COMPENSATED ABSENCES

The accompanying financial statements include accruals for salaries, fringe benefits and compensated absences due to employees at June 30, 2020 and 2019. The Water Utility treats compensated absences due to employees as an expense and a liability of which a current portion is included in accounts payable and other accruals in the accompanying Statements of Net Position. The amount accrued for compensated absences was \$2,289 at June 30, 2020, and \$2,027 at June 30, 2019.

Employees receive 10 to 25 vacation days per year based upon length of service. A maximum of two years vacation accrual may be accumulated, and unused vacation is paid in cash upon separation.

Employees primarily receive one day of sick leave for each month of employment with unlimited accumulation. Upon retirement or death, certain employees or their estates receive a percentage of unused sick-leave paid in a lump sum based on longevity.

## INSURANCE PROGRAMS

The Water Utility participates in a self-insurance program for workers' compensation and general liability coverage that is administered by the City. The Water Utility pays an amount to the City based on actuarial estimates of the amounts needed to fund prior and current year claims and incidents that have been incurred but not reported. The City maintains property insurance on most City property holdings, including the Utility Plant with a limit of \$1 billion.

City-wide information concerning risks, insurance policy limits and deductibles and designation of general fund balance for risks for the year ended June 30, 2020, may be found in the notes to the City's financial statements in the City's CAFR.

Although the ultimate amount of losses incurred through June 30, 2020 is dependent upon future developments, management believes that amounts paid to the City are sufficient to cover such losses. Premiums paid to the City by the Water Utility were \$460 and \$527 for the years ended June 30, 2020 and 2019, respectively. Any losses above the City's reserves would be covered through increased rates charged to the Water Utility in future years.

## EMPLOYEE RETIREMENT PLAN

The City contributes to the California Public Employees Retirement System (CalPERS), an agent multiple employer public employee defined benefit pension plan. CalPERS provides retirement and disability benefits, annual cost-of-living adjustments, and death benefits to plan members and beneficiaries. CalPERS acts as a common investment and administrative agent for participating public entities within the State of California. Benefit provisions and all other requirements are established by state statute and City ordinance.

For purposes of measuring the net pension liability and deferred outflows/inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the City of Riverside California Public Employees' Retirement System plans (Plans) and additions to/deductions from the Plans' fiduciary net position have been determined on the same basis as they are reported by CalPERS. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value. Further details of employee retirement plan can be found in Note 6.

## OTHER POSTEMPLOYMENT BENEFITS (OPEB)

OPEB refers to the benefits, other than pensions, that the City provides as part of an employee's retirement benefits. The net OPEB obligation is defined as the liability of employers contributing to employees for

# NOTE 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

benefits provided through a defined benefit OPEB plan that is administered through a trust. Further details for OPEB can be found in Note 7.

## DEFERRED OUTFLOWS AND DEFERRED INFLOWS OF RESOURCES

When applicable, the Statements of Net Position will report a separate section for deferred outflows of resources. Deferred outflows of resources represent outflows of resources (consumption of net position) that apply to future periods and that, therefore, will not be recognized as an expense or expenditure until that time. Deferred outflows of resources consist of changes in derivative values, loss on refunding, and deferred outflows related to pension and OPEB which include pension contributions subsequent to the measurement date, difference between actual and actuarial determined contribution, changes in assumptions and net differences between projected and actual earnings on pension plan investments.

Conversely, deferred inflows of resources represent inflows of resources (acquisition of net position) that apply to future periods and that, therefore, are not recognized as an inflow of resources (revenue) until that time. Deferred inflows of resources consist of deferred inflows related to pension and OPEB which include changes in assumptions, differences between expected and actual experience, and net differences between projected and actual earnings on pension plan investments.

## REGULATORY ASSETS AND DEFERRED REGULATORY CHARGES

In accordance with regulatory accounting criteria set forth in GASB Codification (GASB Statement No. 62), enterprise funds that are used to account for rate-regulated activities are permitted to defer certain expenses and revenues that would otherwise be recognized when incurred, provided that the Water Utility is recovering or expects to recover or refund such amounts in rates charged to its customers. Accordingly, regulatory assets and/or deferred regulatory charges related to debt issuance costs have been recognized in the Statements of Net Position.

## NET POSITION

The Water Utility’s net position represents the difference between assets and deferred outflows of resources less liabilities and deferred inflows of resources, which is classified into the following three components:

**Net investment in capital assets** – this component consists of capital assets (net of accumulated depreciation) reduced by the outstanding balance of any bonds or other borrowings that are attributable to the acquisition, construction, or improvement of those assets, excluding unspent bond proceeds.

**Restricted** – this component represents restricted assets less liabilities and deferred inflows related to those assets. Restricted assets are recorded when there are limitations imposed by creditors (such as through debt covenants), contributors, or laws or regulation of other governments or constraints imposed by law through constitutional provisions or through enabling legislation.

**Unrestricted** – this component consists of net position that does not meet the definition of “restricted” or “net investment in capital assets.”

## CONTRIBUTIONS TO THE CITY’S GENERAL FUND

Pursuant to the City of Riverside Charter, the Water Utility may transfer up to 11.5 percent of prior year’s gross operating revenues, including adjustments, to the City’s general fund. In fiscal years ended June 30, 2020 and 2019, \$6,518 and \$6,584, respectively was transferred representing 11.5 percent.

## NOTE 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

### CASH AND CASH EQUIVALENTS

For the Statements of Cash Flows, cash and cash equivalents include all unrestricted and restricted highly liquid investments with original purchase maturities of three months or less, and all bond construction proceeds available for capital projects. Pooled cash and investments in the City's Treasury represent monies in a cash management pool. Such accounts are similar in nature to demand deposits and are classified as cash equivalents for the purpose of presentation in the Statements of Cash Flows.

### BUDGETS AND BUDGETARY ACCOUNTING

The Water Utility presents, and the City Council adopts, a biennial budget. The proposed budget includes estimated expenses and forecasted revenues. The City Council adopts the Water Utility's budget in June biennially via resolution.

### RECLASSIFICATIONS

Certain reclassifications have been made to prior year's financial statements to conform with the current year's presentation. Such reclassifications have no effect on the net position or the changes in net position.

## NOTE 2. CASH AND INVESTMENTS

Cash and investments at June 30, 2020 and 2019, consist of the following (in thousands):

	<u>June 30, 2020</u>	<u>June 30, 2019</u>
	Fair Value	
Equity interest in City Treasurer's investment pool	\$ 48,061	\$ 50,713
Cash and investments at fiscal agent	28,826	40,474
	<hr/>	
Total cash and investments	\$ 76,887	\$ 91,187

The amounts above are reflected in the accompanying financial statements as:

	<u>June 30, 2020</u>	<u>June 30, 2019</u>
Unrestricted cash and cash equivalents	\$ 37,978	\$ 41,038
Restricted cash and cash equivalents	10,083	9,675
Restricted cash and investments at fiscal agent	28,826	40,474
	<hr/>	
Total cash and investments	\$ 76,887	\$ 91,187

The investment types in the tables below related to the Water Utility's investments in the City Treasurer's investment pool represent the Water Utility's prorated share of the investment types in the investment pool and do not represent ownership interests in the individual investments.

## NOTE 2. CASH AND INVESTMENTS (CONTINUED)

The Water Utility categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The Water Utility has the following recurring fair value measurements as of June 30, 2020 and 2019:

Investment Type	June 30, 2020 Fair Value	Quoted Prices in			Investments not Subject to Fair Value Hierarchy
		Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	
Held by fiscal agent					
Money market funds	\$ 28,826	\$ -	\$ -	\$ -	\$ 28,826
City Treasurer's investment pool <sup>1</sup>					
Money market funds	365	-	-	-	365
Joint powers authority pools	11,690	11,690	-	-	-
Local agency investment fund	9,709	-	-	-	9,709
Mortgage pass-through securities	2,125	-	2,125	-	-
Asset-backed securities	331	-	331	-	-
US Treasury obligations	13,350	-	13,350	-	-
Federal agency obligations	5,538	-	5,538	-	-
Medium-term corporate notes	4,415	-	4,415	-	-
Supranational securities	279	-	279	-	-
Negotiable certificate of deposit	259	-	259	-	-
Total	\$ 76,887	\$ 11,690	\$ 26,297	\$ -	\$ 38,900

Investment Type	June 30, 2019 Fair Value	Quoted Prices in			Investments not Subject to Fair Value Hierarchy
		Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	
Held by fiscal agent					
Money market funds	\$ 40,474	\$ -	\$ -	\$ -	\$ 40,474
City Treasurer's investment pool <sup>1</sup>					
Money market funds	395	-	-	-	395
Joint powers authority pools	9,457	-	9,457	-	-
Mortgage/Asset backed securities	1,311	-	1,311	-	-
US Treasury notes/bonds	22,251	-	22,251	-	-
Federal agency securities	1,014	-	1,014	-	-
Federal agency discount notes	997	-	997	-	-
Corp medium term notes	4,875	-	4,875	-	-
Supranational securities	130	-	130	-	-
Negotiable certificate of deposit	380	-	380	-	-
State investment pool	9,903	-	-	-	9,903
Total	\$ 91,187	\$ -	\$ 40,415	\$ -	\$ 50,772

<sup>1</sup> Additional information on investment types, fair value measurement, interest rate risk and credit risk may be found in the notes to the City's financial statements in the City's CAFR.

## NOTE 2. CASH AND INVESTMENTS (CONTINUED)

Cash and investments distribution by maturities as of June 30, 2020 and 2019, are as follows:

Investment Type	June 30, 2020 Fair Value	Remaining Maturity (In Months)		
		12 Months or less	13 to 36 Months	37 to 60 Months
Held by fiscal agent				
Money market funds	\$ 28,826	\$ 28,826	\$ -	\$ -
City Treasurer's investment pool <sup>1</sup>				
Money market funds	365	365	-	-
Joint powers authority pools	11,690	11,690	-	-
Local agency investment fund	9,709	9,709	-	-
Mortgage pass-through securities	2,125	-	1,448	677
Asset-backed securities	331	-	-	331
US Treasury obligations	13,350	2,473	6,209	4,668
Federal agency obligations	5,538	523	2,166	2,849
Medium-term corporate notes	4,415	346	2,593	1,476
Supranational securities	279	-	-	279
Negotiable certificate of deposit	259	129	130	-
Total	\$ 76,887	\$ 54,061	\$ 12,546	\$ 10,280

Investment Type	June 30, 2019 Fair Value	Remaining Maturity (In Months)		
		12 Months or less	13 to 36 Months	37 to 60 Months
Held by fiscal agent				
Money market funds	\$ 40,474	\$ 40,474	\$ -	\$ -
City Treasurer's investment pool <sup>1</sup>				
Money market funds	395	395	-	-
Joint powers authority pools	9,457	9,457	-	-
State investment pool	9,903	9,903	-	-
Mortgage/Asset backed securities	1,311	535	-	776
US Treasury notes/bonds	22,251	7,250	11,443	3,558
Federal agency securities	1,014	76	938	-
Federal agency discount notes	997	997	-	-
Corp medium term notes	4,875	1,466	2,010	1,399
Supranational securities	130	130	-	-
Negotiable certificate of deposit	380	76	304	-
Total	\$ 91,187	\$ 70,759	\$ 14,695	\$ 5,733

<sup>1</sup> Additional information on investment types, fair value measurement, interest rate risk and credit risk may be found in the notes to the City's financial statements in the City's CAFR.

## NOTE 2. CASH AND INVESTMENTS (CONTINUED)

Presented below is the actual rating as of June 30, 2020 and 2019 for each investment type:

Investment Type	Rating as of Year End				
	June 30, 2020 Fair Value	AAA	AA	A	Unrated
Held by fiscal agent					
Money market funds	\$ 28,826	\$ -	\$ -	\$ 28,826	\$ -
City Treasurer's investment pool <sup>1</sup>					
Money market funds	365	33	-	-	332
Joint powers authority pools	11,690	11,690	-	-	-
Local agency investment fund	9,709	-	-	-	9,709
Mortgage pass-through securities	2,125	-	-	-	2,125
Asset-backed securities	331	-	-	-	331
US Treasury obligations	13,350	-	13,350	-	-
Federal agency obligations	5,538	-	5,092	-	446
Medium-term corporate notes	4,415	-	1,998	2,417	-
Supranational securities	279	279	-	-	-
Negotiable certificate of deposit	259	-	-	-	259
<b>Total</b>	<b>\$ 76,887</b>	<b>\$ 12,002</b>	<b>\$ 20,440</b>	<b>\$ 31,243</b>	<b>\$ 13,202</b>

Investment Type	Rating as of Year End				
	June 30, 2019 Fair Value	AAA	AA	A	Unrated
Held by fiscal agent					
Money market funds	\$ 40,474	\$ -	\$ -	\$ 40,474	\$ -
City Treasurer's investment pool <sup>1</sup>					
Money market funds	395	-	-	393	2
State investment pool	9,903	-	-	-	9,903
Joint powers authority pools	9,457	-	9,457	-	-
Mortgage/Asset backed securities	1,311	1,311	-	-	-
US Treasury notes/bonds	22,251	22,251	-	-	-
Federal agency securities	1,014	938	76	-	-
Federal agency discount notes	997	-	-	-	997
Corp medium term notes	4,875	-	4,126	749	-
Supranational securities	130	130	-	-	-
Negotiable certificate of deposit	380	-	-	-	380
<b>Total</b>	<b>\$ 91,187</b>	<b>\$ 24,630</b>	<b>\$ 13,659</b>	<b>\$ 41,616</b>	<b>\$ 11,282</b>

<sup>1</sup> Additional information on investment types, fair value measurement, interest rate risk and credit risk may be found in the notes to the City's financial statements in the City's CAFR.

## NOTE 3. UTILITY PLANT

The following is a summary of changes in utility plant during the fiscal years ended June 30, 2020 and 2019 (in thousands):

	Balance As of 6/30/2018	Additions	Retirements/ Transfers	Balance As of 6/30/2019	Additions	Retirements/ Transfers	Balance As of 6/30/2020
Source of supply	\$ 65,440	3,446	-	\$ 68,886	\$ 6,885	\$ (343)	\$ 75,428
Pumping	32,604	213	-	32,817	215	-	33,032
Treatment	44,500	114	-	44,614	38	-	44,652
Transmission and distribution	500,508	23,274	(1,374)	522,408	8,951	(361)	530,998
General	15,918	1,753	(943)	16,728	15	-	16,743
Intangible	4,022	140	-	4,162	9	-	4,171
Depreciable utility plant	662,992	28,940	(2,317)	689,615	16,113	(704)	705,024
Less accumulated depreciation							
Source of supply	(18,875)	(1,577)	-	(20,452)	(1,671)	343	(21,780)
Pumping	(12,914)	(690)	-	(13,604)	(702)	-	(14,306)
Treatment	(13,817)	(1,275)	-	(15,092)	(1,276)	-	(16,368)
Transmission and distribution	(171,852)	(10,698)	1,345	(181,205)	(11,136)	361	(191,980)
General	(13,254)	(476)	943	(12,787)	(470)	-	(13,257)
Intangible	(1,465)	(733)	-	(2,198)	(755)	-	(2,953)
Accumulated depreciation	(232,177)	(15,449)	2,288	(245,338)	(16,010)	704	(260,644)
Net depreciable utility plant	430,815	13,491	(29)	444,277	103	-	444,380
Land	20,841	-	-	20,841	-	-	20,841
Intangible, non-amortizable	10,841	-	-	10,841	82	-	10,923
Construction in progress	23,969	23,315	(27,892)	19,392	19,464	(15,515)	23,341
Nondepreciable utility plant	55,651	23,315	(27,892)	51,074	19,546	(15,515)	55,105
Total utility plant	\$ 486,466	\$ 36,806	\$ (27,921)	\$ 495,351	\$ 19,649	\$ (15,515)	\$ 499,485

## NOTE 4. LONG-TERM OBLIGATIONS

The following is a summary of changes in long-term obligations during the fiscal years ended June 30, 2020 and 2019 (in thousands):

	Balance As of 6/30/2018	Additions	Reductions	Balance As of 6/30/2019	Additions	Reductions	Balance As of 6/30/2020	Due Within One Year
Revenue bonds	\$ 184,634	\$ 135,106	\$ (88,101)	\$ 231,639	\$ -	\$ (6,760)	\$ 224,879	\$ 6,335
Pension obligation bonds	3,756	-	(728)	3,028	20,626	(619)	23,035	672
Direct Borrowings:								
Leased purchases	2,095	-	(211)	1,884	-	(218)	1,666	221
Note payable	21,524	-	(1,201)	20,323	483	(1,282)	19,524	1,392
Contracts payable - Water stock acquisition rights	937	-	-	937	82	-	1,019	150
Total long-term obligations	\$ 212,946	\$ 135,106	\$ (90,241)	\$ 257,811	\$ 21,191	\$ (8,879)	\$ 270,123	\$ 8,770

Long-term debt consists of the following (in thousands):

### CONTRACTS PAYABLE

	June 30, 2020	June 30, 2019
<b>Water Stock Acquisitions:</b> Payable to various water companies	\$ 1,019	\$ 937
Total contracts payable	1,019	937

### PENSION OBLIGATION BONDS PAYABLE

<b>\$30,000 2005 Taxable Pension Obligation Bonds Series A:</b> fixed rate bonds issued by the City due in annual installments from \$630 to \$3,860 through June 2020, with coupons from 3.9 to 4.8 percent. The Water Utility's proportional share of the outstanding debt is 10.7 percent.	-	284
<b>\$31,960 2017 Taxable Pension Obligation Bonds Series A:</b> fixed rate bonds issued by the City due in annual installments from \$2,910 to \$3,580 through June 2027, with coupons from 1.3 to 3.1 percent. The Water utility's proportional share of the outstanding debt is 10.7 percent.	2,469	2,744
<b>\$432,165 2020 Taxable Pension Obligation Bonds Series A:</b> fixed rate bonds issued by the City due in annual installments from \$1,285 to \$14,625 through June 2045, with coupons from 1.6 to 3.9 percent. The Water Utility's proportional share of the outstanding debt is 10.2 percent.	20,566	-
Total pension obligation bonds payable	23,035	3,028

## NOTE 4. LONG-TERM OBLIGATIONS (CONTINUED)

### REVENUE BONDS PAYABLE

<b>\$31,895 2009 Water Refunding/Revenue Series A Bonds:</b> fixed rate bonds due in annual principal installments from \$2,270 to \$2,360 through October 1, 2020, interest from 4.0 to 5.0 percent	2,360	4,630
<b>\$67,790 2009 Water Revenue Series B Bonds:</b> fixed rate, federally taxable, Build America Bonds due in annual principal installments from \$2,475 to \$4,985 from October 1, 2021 through October 1, 2039, interest from 3.3 to 4.1 percent	67,790	67,790
<b>\$59,000 2011 Water Revenue/Refunding Series A Bonds:</b> variable rate bonds due in annual principal installments from \$2,375 to \$3,950 through October 1, 2035. Interest rate is subject to weekly repricing (net interest rate, including swaps, at June 30, 2019 was 3.1 percent). Partially refunded \$26,900 on April 1, 2019 with 2019A Water Refunding Bonds.	24,050	24,050
<b>\$114,229 2019 Water Revenue Refunding Series A Bonds:</b> fixed rate bonds due in annual principal installments from \$1,680 to \$8,455 through October 1, 2048, interest of 5.0 percent	110,965	114,215
Total water revenue bonds payable	205,165	210,685
Total water revenue bonds, pension obligation bonds and contracts payable	229,219	214,650
Unamortized bond premium	19,714	20,954
Total water revenue bonds, pension obligation bonds and contracts payable, including bond premium	248,933	235,604
Less current portion	(7,157)	(6,289)
Total long-term water revenue bonds, pension obligation bonds and contracts payable	\$ 241,776	\$ 229,315

The Water Utility is obligated to pay its share of the City's pension obligation bonds, which the City issued in 2005 and refinanced a portion in May 2017. The Water Utility's proportional share of the outstanding principal amount of the bonds was \$23,035 and \$3,028 as of June 30, 2020 and 2019, respectively. The bond proceeds were deposited with CalPERS to fund the unfunded actuarial accrued liability for non-safety employees. For more discussion relating to the City's pension obligation bond issuance, see the notes to the City's financial statements in the City's CAFR for the fiscal year ended June 30, 2020.

For fiscal year ended June 30, 2020, the City issued \$432,165 2020 Taxable Pension Obligation Bonds Series A. The bonds were issued to reduce the City's unfunded pension liability in both the City's Miscellaneous and Safety CalPERS plans. It is estimated the issuance will save the City's General Fund \$7.6M in pension costs in FY 2021 and FY 2022 with a projected overall savings of \$178.5 million through the life of the bonds. The fixed rate bonds issued by the City due in annual installments from \$1,285 to \$14,625 through June 2045, with coupons from 1.6 to 3.9 percent. The Water Utility's proportional share of the outstanding debt is 10.2 percent.

## NOTE 4. LONG-TERM OBLIGATIONS (CONTINUED)

Remaining pension obligation bond debt service payments will be made from revenues of the Water Fund. Annual debt service requirements to maturity as of June 30, 2020 are as follows (in thousands):

<b>Fiscal Year</b>	<b>Principal</b>	<b>Interest</b>	<b>Total</b>
2021	\$ 672	\$ 686	\$ 1,358
2022	1,075	692	1,767
2023	1,363	670	2,033
2024	1,640	642	2,282
2025	1,815	605	2,420
2026-2030	6,494	2,377	8,871
2031-2035	4,616	1,592	6,208
2036-2040	4,332	668	5,000
2041-2045	1,028	60	1,088
<b>Total</b>	<b>\$ 23,035</b>	<b>\$ 7,992</b>	<b>\$ 31,027</b>

All water revenue bonds are covenanted per the Amended and Restated Resolution No. 17664 (Water) Master Resolution that upon the occurrence and continuation of an event of default, the owners of 25% in aggregate amount of Bond Obligation may, by written notice to the City, declare the entire unpaid principal and accreted value of the bonds due and payable should the City fail to pay its debts as they become due or upon the entry of any decree or order of bankruptcy of the City.

\$114,215 2019 Water Revenue/Refunding Bonds; Series A. The bonds were issued in February 2019 to fund short-term and long-term capital projects, refund the 2008 Water Revenue Bonds; Series B, and partially refund and partially unwind the swap on the 2011 Water Revenue Bonds; Series A. The refunding transactions resulted in a total net present value savings of \$10,759. 5% due in annual installments from \$1,680 to \$8,455 through 10/1/2048.

Remaining revenue bond debt service payments will be made from revenues of the Electric Fund. Annual debt service requirements to maturity as of June 30, 2020 are as follows (in thousands):

<b>Fiscal Year</b>	<b>Principal</b>	<b>Interest</b>	<b>Total</b>
2021	\$ 6,335	\$ 9,095	\$ 15,430
2022	6,640	8,793	15,433
2023	6,915	8,491	15,406
2024	7,215	8,167	15,382
2025	7,540	7,823	15,363
2026-2030	43,265	33,370	76,635
2031-2035	51,575	23,103	74,678
2036-2040	56,250	10,942	67,192
2041-2045	9,735	3,688	13,423
2046-2050	9,695	999	10,694
Premium	19,714	-	19,714
<b>Total</b>	<b>\$ 224,879</b>	<b>\$ 114,471</b>	<b>\$ 339,350</b>

The Water Utility has a number of debt issuances (revenue bonds) outstanding that are collateralized by the pledging of water revenues. The amount and term of the remainder of these commitments are indicated in the revenue bonds payable and annual debt service requirements to maturity tables presented within this Note 4. The purpose of the debt issuances was for the financing of various Water Utility capital improvement projects. For June 30, 2020 and 2019, debt service payments as a percentage of the pledged gross revenue, net of certain expenses where so required by the debt agreement, are indicated in the table below.

## NOTE 4. LONG-TERM OBLIGATIONS (CONTINUED)

The debt service coverage ratios also approximate the relationship of the debt service to pledged revenue for the remainder of the term of the commitment.

Fiscal Year Ended	Description of Pledged Revenues	Pledged Revenue (net of expenses) <sup>1, 2</sup>	Annual Debt Service Payments	Debt Service Coverage Ratio
June 30, 2020	Water revenues	\$ 28,518	\$ 15,810	1.80
June 30, 2019	Water revenues	\$ 25,387	\$ 15,142	1.68

<sup>1</sup> Excludes GASB 68 Accounting and Financial Reporting for Pension non-cash adjustments of \$1,046 and (\$482) for June 30, 2020 and 2019, respectively.

<sup>2</sup> Excludes GASB 75 Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions non-cash adjustments of \$197 and \$118 for June 30, 2020 and 2019, respectively.

### LINE OF CREDIT

On February 1, 2019, the City entered into a subordinate line of credit agreement with U.S. Bank, National Association. The Subordinate Line of Credit is a tool approved through the Electric and Water Utility Five-Year Rate Plan to manage rate increases by enabling the Water Utility to reduce cash levels while maintaining compliance with the Riverside Public Utilities Cash Reserve Policy. Under the terms and conditions of the agreement, the City may borrow up to \$25,000 for purposes of the capital or operating financial needs of the Water System. There were no borrowings against the line as of June 30, 2020.

### INTEREST RATE SWAPS ON REVENUE BONDS

The Water Utility has one cash flow hedging derivative instrument, which is a pay-fixed swap. The swap was employed as a hedge against debt that was refunded in 2008 and 2011. At the time of the refunding, hedge accounting ceased to be applied. The balance of the deferral account for the swap is included as part of the deferred loss on refunding associated with the new bonds. The swap was also employed as a hedge against the new debt. Hedge accounting was applied to that portion of the hedging relationship, which was determined to be effective. The negative fair value of the interest rate swaps related to the new hedging relationship has been recorded and deferred on the Statements of Net Position.

A summary of the derivative activity for the year ended June 30, 2020 is as follows:

	Notional Amount	Fair Value as of 6/30/2020	Change in Fair Value for Fiscal Year
2011 Water Refunding/Revenue Bonds Series A	\$ 24,050	\$ (7,774)	\$ (2,518)

**Objective:** In order to lower borrowing costs as compared to fixed-rate bonds, the Water Utility entered into an interest rate swap agreement in connection with its \$59,000 2011 Water Refunding/Revenue Series A Bonds.

**Terms:** Per the existing swap agreement, the Water Utility pays the counterparty a fixed payment and receives a variable payment computed as 62.68 percent of the London Interbank Offering Rate ("LIBOR") one-month index plus 12 basis points. The swap has a notional amount equal to the principal amount stated above. The notional value of the swap and principal amount of the associated debt decline by \$1,475 to \$3,950 until the debt is completely retired in fiscal year 2036.

## NOTE 4. LONG-TERM OBLIGATIONS (CONTINUED)

The bonds and the related swap agreement for the 2011 Water Refunding/Revenue Series A Bonds mature on October 1, 2035. As of June 30, 2020, rates were as follows:

Interest rate swap:	Terms	Rates
Fixed payment to counterparty	Fixed	3.20000%
Variable payment from counterparty	62.68 LIBOR + 12bps	(0.61414%)
Net interest rate swap payments		2.58586%
Variable-rate bond coupon payments		0.59405%
Synthetic interest on bonds		3.17991%

**Fair value:** As of June 30, 2020, in connection with the swap agreement, the transactions had a total negative fair value of (\$7,774). Because the coupons on the Water Utility's variable-rate bonds adjust to changing interest rates, the bonds do not have a corresponding fair value decrease. The fair value was developed by a pricing service using the zero-coupon method. This method calculates the future net settlement payments required by the swap, assuming that the current forward rates implied by the yield curve correctly anticipate future spot interest rates. These payments are then discounted using the spot rates implied by the current yield curve for hypothetical zero-coupon bonds due on the date of each future net settlement of the swap.

**Credit risk:** As of June 30, 2020, the Water Utility was not exposed to credit risk because the swap had a negative fair value. The swap counterparty, J.P. Morgan Chase & Co. was rated A- by Standard & Poor's (S&P). To mitigate the potential for credit risk, the swap agreement requires the fair value of the swap to be collateralized by the counterparty with U.S. Government securities if the counterparty's rating decreases to negotiated trigger points. Collateral would be posted with a third-party custodian. At June 30, 2020, there is no requirement for collateral posting for the outstanding swap.

**Basis risk:** As noted above, the swap exposes the Water Utility to basis risk should the relationship between LIBOR and the variable interest rates converge, changing the synthetic rate on the bonds. If a change occurs that results in the rates moving to convergence, the expected cost savings may not be realized.

**Termination risk:** The derivative contract uses the International Swap Dealers Association Master Agreement, which includes standard termination events, such as failure to pay and bankruptcy. The Schedule to the Master Agreement includes an "additional termination event." That is, a swap may be terminated by the Water Utility if the counterparty's credit quality falls below "BBB-" as issued by S&P. The Water Utility or the counterparty may terminate a swap if the other party fails to perform under the terms of the contract. If a swap is terminated, the variable-rate bond would no longer carry a synthetic interest rate. Also, if at the time of termination a swap has a negative fair value, the Water Utility would be liable to the counterparty for a payment equal to the swap's fair value.

**Swap payments and associated debt:** As of June 30, 2020, the debt service requirements of the variable-rate debt and net swap payments, assuming current interest rates remain the same for their term, are summarized as follows. As rates vary, variable-rate bond interest payments and net swap payments will vary.

## NOTE 4. LONG-TERM OBLIGATIONS (CONTINUED)

Fiscal Year Ending June 30,	Variable-Rate Bonds			
	Principal	Interest	Interest Rate Swaps, Net	Total
2021	\$ -	\$ 147	\$ 642	\$ 789
2022	-	147	642	789
2023	-	147	642	789
2024	-	147	642	789
2025	-	147	642	789
2026-2030	3,275	722	3,145	7,142
2031-2035	16,825	360	1,565	18,750
2036-2040	3,950	6	26	3,982
Total	\$ 24,050	\$ 1,823	\$ 7,946	\$ 33,819

### NOTE PAYABLE

Note payable consists of several agreements with Hillwood Enterprises, L.P. and related entities (collectively Hillwood) for their development of logistic centers located in the City of San Bernardino. As a part of these agreements, the Water Utility leases land to Hillwood and also purchased land from Hillwood with a subsequent lease-back to the entity. In addition, the agreements require Hillwood to relocate wells located on the properties as well as terminate an existing lease. In consideration of the cost of the land purchase, well relocations and lease termination, the Water Utility will make payments to Hillwood in the form of a credit with Hillwood's rental payments to the Water Utility for the first 15 years of the leases. These agreements resulted in a total liability to the Water Utility of \$19,524, as of June 30, 2020.

Estimated annual rent credits, which are adjusted annually based on Consumer Price Index (CPI), to be applied to the land purchase and well relocation agreements commencing in 2014 with an effective interest rate of 3.27 percent, are as follows (in thousands):

Fiscal Year	Principal	Interest	Total
2021	\$ 827	\$ 354	\$ 1,181
2022	897	327	1,224
2023	970	298	1,268
2024	1,048	266	1,314
2025	1,129	232	1,361
2026-2030	6,747	552	7,299
Total	\$ 11,618	\$ 2,029	\$ 13,647

Estimated annual rent credits, which are adjusted annually based on CPI, to be applied to the well relocation agreement commencing in 2018 with an effective interest rate of 3.00 percent, are as follows (in thousands):

Fiscal Year	Principal	Interest	Total
2021	\$ 265	\$ 124	\$ 389
2022	273	116	389
2023	282	107	389
2024	290	98	388
2025	300	89	389
2026-2030	1,648	295	1,943
2031-2033	1,023	46	1,069
Total	\$ 4,081	\$ 875	\$ 4,956

## NOTE 4. LONG-TERM OBLIGATIONS (CONTINUED)

Annual rent credits to be applied for the lease termination agreement commencing in 2018, are as follows (in thousands):

Fiscal Year	Principal	Interest	Total
2021	\$ 300	\$ -	\$ 300
2022	300	-	300
2023	300	-	300
2024	300	-	300
2025	300	-	300
2026-2030	1,500	-	1,500
2031-2033	825	-	825
Total	\$ 3,825	\$ -	\$ 3,825

## LEASE PURCHASE FINANCING

In fiscal year ended June 30, 2017, the Water Utility participated in the City's lease purchase financing program for the acquisition of water system heavy vehicles and equipment. The heavy vehicles and equipment lease financing is for a ten-year term of annual payments with an interest rate of 2.36 percent. Gross proceeds of \$2,305 were received for the financing. Various heavy-duty equipment was purchased for \$514 and for \$1,742 for the years ended June 30, 2020 and 2019, respectively. It is anticipated that the remaining vehicles and equipment will be purchased in fiscal year ending June 30, 2021. The total liability with the current portion included in accounts payable and other accruals as of June 30, 2020 and 2019 was \$1,666 and \$1,884, respectively. The annual lease payments for the life of the lease are \$260 annually through fiscal year ending June 30, 2027. As of June 30, 2020 total outstanding lease payments are \$1,819, with \$1,666 representing principal and \$153 representing interest.

## NOTE 5. COMPENSATED ABSENCES

A liability is recorded for unused vacation and similar compensatory leave balances since the employees' entitlement to these balances are attributable to services already rendered and it is probably that virtually all of these balances will be liquidated by either paid time-off or payments upon termination or retirement.

Below is a summary of changes in Compensated absences for the Water Utility during the fiscal year.

	Balance As of 6/30/2018	Additions	Reductions	Balance As of 6/30/2019	Additions	Reductions	Balance As of 6/30/2020	Due Within One Year
Compensated absences	1,850	1,754	(1,577)	2,027	1,802	(1,540)	2,289	1,740

## NOTE 6. EMPLOYEE RETIREMENT PLAN

### PLAN DESCRIPTION

The City contributes to CalPERS, an agent multiple employer public employee defined benefit pension plan. CalPERS provides retirement and disability benefits, annual cost-of-living adjustments, and death benefits to plan members and beneficiaries. CalPERS acts as a common investment and administrative agent for participating public entities within the State of California. CalPERS issues a publicly available financial report that includes financial statements and required supplementary information for the cost sharing plans that are administered by CalPERS. Benefit provisions and all other requirements are established by state statute and City ordinance. A copy of CalPERS' annual financial report may be obtained online at [www.calpersca.gov](http://www.calpersca.gov). The Water Utility, including Water Conservation Programs, participates in the City's Miscellaneous (non-safety) Plan (the Plan).

### FUNDING POLICY

The City has contributed at the actuarially determined rate provided by CalPERS' actuaries. Participants are required to contribute 8 percent of their annual covered salary. The City has a multiple tier retirement plan with benefits varying by plan. All permanent full-time and selected part-time employees are eligible for participation in CalPERS. Benefits vest after five years of service and are determined by a formula that considers the employee's age, years of service and salary. Under the Plan, the City pays the employees' contribution to CalPERS for employees hired on or before specific dates as follows:

- 1st Tier –
  - The retirement formula is 2.7 percent at age 55 for employees hired before October 19, 2011. Effective January 1, 2018 for unrepresented employees (Sr. Management, Management, Professional, Para-professional, Supervisory, Confidential, and Executive units), the employees were required to pay 2 percent of the employee contribution of their pensionable income, with the City contributing the other 6 percent. Effective January 1, 2019, employees will be required to pay an additional portion of their pensionable income. This portion is a three-year increase of 2 percent (2019), 2 percent (2020) and 2 percent (2021). By 2021, employees will be contributing the entire 8 percent of their pensionable income.
  - The retirement formula is 2.7 percent at age 55 for SEIU employees hired before June 7, 2011. The employee is required to pay 6 percent of their pensionable income with the City contributing the other 2 percent. Effective January 1, 2019, employees will be required to pay an additional portion of their pensionable income. This portion is a two-year increase of 1 percent (2019) and 1 percent (2020). By 2020, employees will be contributing the entire 8 percent of their pensionable income
  - The retirement formula is 2.7 percent at age 55 for IBEW employees hired before October 19, 2011. Effective November 1, 2017 employees contributed 2 percent of their total pensionable income with the City paying the remaining 6 percent. Effective November 1, 2018, employees will be required to pay an additional portion of their pensionable income. This portion is a three-year increase of 2 percent (2018), 2 percent (2019) and 2 percent (2020). By 2020, employees will be contributing the entire 8 percent of their pensionable income.
- 2<sup>nd</sup> Tier - The retirement formula is 2.7 percent at age 55, and:
  - SEIU employees hired on or after June 7, 2011 pay their share (8 percent) of contributions.
  - All other miscellaneous employees hired on or after October 19, 2011 pay their share (8 percent) of contributions.

## NOTE 6. EMPLOYEE RETIREMENT PLAN (CONTINUED)

- 3<sup>rd</sup> Tier – The retirement formula is 2 percent at age 62 for new members hired on or after January 1, 2013 and the employee must pay the employee share ranging from 7 percent to 8 percent based on bargaining group classification. Classic members (CalPERS members prior to 12/31/12) hired on or after January 1, 2013 may be placed in a different tier.

The contribution requirements of plan members and the City are established and may be amended by CalPERS.

### BENEFITS PROVIDED

CalPERS provides service retirement and disability benefits, annual cost of living adjustments and death benefits to plan members, who must be public employees and beneficiaries. Benefits are based on years of credited service, equal to one year of full time employment. Members with five years of total service are eligible to retire at age 50 with statutorily reduced benefits. All members are eligible for non-duty disability benefits after five years of service. The death benefit is one of the following: the Basic Death Benefit, the 1959 Survivor Benefit Level III, or the Optional Settlement 2W Death Benefit. The cost of living adjustments for the Plan are applied as specified by the Public Employees' Retirement Law.

### EMPLOYEES COVERED

As of measurement date June 30, 2019 and 2018, the following employees, City-wide, were covered by the benefit terms of the Plan:

	<b>Measurement Date</b>	
	<u>June 30, 2019</u>	<u>June 30, 2018</u>
Inactive employees or beneficiaries currently receiving benefits	2,252	2,184
Inactive employees entitled to but not yet receiving benefits	1,411	1,375
Active employees	1,606	1,607

### CONTRIBUTIONS

Section 20814(c) of the California Public Employees' Retirement Law requires that the employer contribution rates for all public employers be determined on an annual basis by the actuary and shall be effective on the July 1 following notice of a change in the rate. Funding contributions for the Plan is determined annually on an actuarial basis as of June 30 by CalPERS. The actuarially determined rate is the estimated amount necessary to finance the costs of benefits earned by employees during the year, with an additional amount to finance any unfunded accrued liability. The City is required to contribute the difference between the actuarially determined rate and the contribution rate of employees.

### NET PENSION LIABILITY

The City's net pension liability for the Plan is measured as the total pension liability, less the pension plan's fiduciary net position. For fiscal year ended June 30, 2020, the net pension liability of the Plan is measured as of June 30, 2019, using an annual actuarial valuation as of June 30, 2018 rolled forward to June 30, 2019 using standard update procedures. For fiscal year ended June 30, 2019, the net pension liability of the Plan is measured as of June 30, 2018, using an annual actuarial valuation as of June 30, 2017 rolled

## NOTE 6. EMPLOYEE RETIREMENT PLAN (CONTINUED)

forward to June 30, 2018 using standard update procedures. A summary of principal assumptions and methods used to determine the net pension liability is shown below.

### ACTUARIAL ASSUMPTIONS

The total pension liabilities in the June 30, 2019 and 2018 actuarial valuations were determined using the following actuarial assumptions:

	<u>Miscellaneous - Current Year</u>	<u>Miscellaneous - Prior Year</u>
Valuation Date	June 30, 2018	June 30, 2017
Measurement Date	June 30, 2019	June 30, 2018
Actuarial Cost Method	Entry-Age Normal Cost Method	Entry-Age Normal Cost Method
Actuarial Assumptions		
Discount Rate	7.15%	7.15%
Inflation	2.50%	2.50%
Salary Increase	Varies by entry age and service	Varies by entry age and service
Mortality Rate Table <sup>1</sup>	Derived using CalPERS' membership data for all funds.	
Post Retirement Benefit Increase	The lesser of contract COLA or 2.50% until Purchasing Power Protection Allowance floor on purchasing power applies, 2.50% thereafter	Contract COLA up to 2.0% until Purchasing Power Protection Allowance Floor on Purchasing Power applies, 2.50% thereafter

<sup>1</sup> The mortality table used was developed based on CalPERS-specific data. The probabilities of mortality are based on the 2017 CalPERS Experience Study for the period from 1997 to 2015. Pre-retirement and Post-retirement mortality rates include 15 years of projected mortality improvement using 90% of Scale MP-2016 published by the Society of Actuaries. For more details on this table, please refer to the CalPERS Experience Study and Review of Actuarial Assumptions report from December 2017 that can be found on the CalPERS website.

### CHANGES IN ASSUMPTIONS

There was no changes in assumptions in for the measurement date of June 30, 2019.

### DISCOUNT RATE

The discount rate used to measure the Plan's total pension liability was 7.15 percent for measurement date as of June 30, 2019 and 2018. The projection of cash flows used to determine the discount rate assumed that contributions from plan members will be made at the current member contribution rates and that contributions from employers will be made at statutorily required rates, actuarially determined. Based on those assumptions, the Plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

## NOTE 6. EMPLOYEE RETIREMENT PLAN (CONTINUED)

### LONG-TERM DISCOUNT RATE OF RETURN

The long-term expected rate of return on pension plan investments was determined using a building-block method in which expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class.

In determining the long-term expected rate of return, CalPERS took into account both short-term and long-term market return expectations as well as the expected pension fund cash flows. Using historical returns of all of the funds' asset classes, expected compound (geometric) returns were calculated over the short-term (first 10 years) and the long-term (11+ years) using a building-block approach. Using the expected nominal returns for both short-term and long-term, the present value of benefits was calculated for each fund. The expected rate of return was set by calculating the rounded single equivalent expected return that arrived at the same present value of benefits for cash flows as the one calculated using both short-term and long-term returns. The expected rate of return was then set equal to the single equivalent rate calculated above and adjusted to account for assumed administrative expenses. The expected real rates of return by asset class are as follows:

#### June 30, 2019 Measurement Date

<b>Asset Class (1)</b>	<b>Current Target Allocation</b>	<b>Real Return Years 1 - 10 (2)</b>	<b>Real Return Years 11+ (3)</b>
Global Equity	50.00%	4.80%	5.98%
Fixed Income	28.00%	1.00%	2.62%
Inflation Assets	0.00%	0.77%	1.81%
Private Equity	8.00%	6.30%	7.23%
Real Assets	13.00%	3.75%	4.93%
Liquidity	1.00%	0.00%	-0.92%

(1) In the System's CAFR, Fixed Income is included in Global Debt Securities; Liquidity is included in Short-term Investments; Inflation Assets are included in both Global Equity Securities and Global Debt Securities.

(2) An expected inflation of 2.00% used for this period.

(3) An expected inflation of 2.92% used for this period.

#### June 30, 2018 Measurement Date

<b>Asset Class (1)</b>	<b>Current Target Allocation</b>	<b>Real Return Years 1 - 10 (2)</b>	<b>Real Return Years 11+ (3)</b>
Global Equity	50.0%	4.80%	5.98%
Fixed Income	28.0%	1.00%	2.62%
Inflation Assets	0.0%	0.77%	1.81%
Private Equity	8.0%	6.30%	7.23%
Real Assets	13.0%	3.75%	4.93%
Liquidity	1.0%	0.00%	-0.92%

(1) In the System's CAFR, Fixed Income is included in Global Debt Securities;

(2) An expected inflation of 2.00% used for this period.

(3) An expected inflation of 2.92% used for this period.

## NOTE 6. EMPLOYEE RETIREMENT PLAN (CONTINUED)

### CHANGES IN THE NET PENSION LIABILITY

The changes in the Water Utility's, including Water Conservation Programs, proportionate share of the net pension liability as of June 30, 2020 (measurement date June 30, 2019) and 2019 (measurement date June 30, 2018) for the Plan are as follows:

June 30, 2020	Net Pension Liability	Proportion of the Plan
Proportion - Reporting date June 30, 2020 (Measurement Date June 30, 2019)	\$ 31,840	10.90%
Proportion - Reporting date June 30, 2019 (Measurement Date June 30, 2018)	30,737	11.03%
Changes - Increase / (Decrease)	1,103	-0.13%
June 30, 2019		
Proportion - Reporting date June 30, 2019 (Measurement Date June 30, 2018)	30,737	11.03%
Proportion - Reporting date June 30, 2018 (Measurement Date June 30, 2017)	38,880	11.44%
Changes - Increase / (Decrease)	(8,143)	-0.41%

For fiscal year 2019 and forward, the Water Utility net pension liability no longer includes its proportionate share of the City's Safety Plan.

### SENSITIVITY OF THE NET PENSION LIABILITY TO CHANGES IN THE DISCOUNT RATE

The following presents the Water Utility's, including Water Conservation Programs, proportionate share of the net pension liability of the Plan, calculated using the discount rate of 7.15 percent, as well as what the Water Utility's proportionate share of the net pension liability would be if it was calculated using a discount rate that is 1-percentage point lower or 1-percentage point higher than the current rate:

	Measurement Date June 30, 2019			Measurement Date June 30, 2018		
	Discount Rate - 1% (6.15%)	Current Discount Rate (7.15%)	Discount Rate +1% (8.15%)	Discount Rate - 1% (6.15%)	Current Discount Rate (7.15%)	Discount Rate +1% (8.15%)
	Water Utility's proportionate share of the Plan's net pension liability	\$ 52,946	\$ 31,840	\$ 14,479	\$ 51,290	\$ 30,737

Detailed information about the Plan's fiduciary net position is available in the separately issued CalPERS financial reports.

## NOTE 6. EMPLOYEE RETIREMENT PLAN (CONTINUED)

### PENSION EXPENSES AND DEFERRED OUTFLOWS/INFLOWS OF RESOURCES RELATED TO PENSION

For the fiscal years ended June 30, 2020 and 2019, the Water Utility, including Water Conservation Programs, recognized pension expense of \$5,016 and \$3,323, respectively. At June 30, 2020 and 2019, the Water Utility, including Water Conservation Programs, reported deferred outflows of resources and deferred inflows of resources related to pension from the following sources:

	June 30, 2020		June 30, 2019	
	Deferred Outflows of Resources	Deferred Inflows of Resources	Deferred Outflows of Resources	Deferred Inflows of Resources
Pension contributions subsequent to measurement date	\$ 24,459	\$ -	\$ 3,805	\$ -
Change in assumptions	1,581	(1,723)	3,876	(2,913)
Differences between expected and actual experience	579	(1,403)	-	(2,831)
Net difference between projected and actual earnings on pension plan investments	-	(576)	434	
Total	<u>\$ 26,619</u>	<u>\$ (3,702)</u>	<u>\$ 8,115</u>	<u>\$ (5,744)</u>

\$24,459 reported as deferred outflows of resources related to contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the year ended June 30, 2021.

Amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized as pension expense as follows:

Year Ended June 30	Deferred Outflows/ (Inflows) of Resources
2020	\$ (224)
2021	(1,346)
2022	(102)
2023	130
2024	-
Therafter	-
Total	<u>\$ (1,542)</u>

## NOTE 7. OTHER POST-EMPLOYMENT BENEFITS (OPEB)

### PLAN DESCRIPTION

The City's defined benefit OPEB plan, Retiree Health Plan, provides continuation of medical (including prescription drugs) and dental coverage benefits to retirees and surviving spouses in the form of an implied rate subsidy. The Retiree Health Benefits plan is a single employer defined benefit OPEB plan administered by the City. No assets are accumulated in a trust that meets the criteria in paragraph 4 of GASB Statement No. 75.

## NOTE 7 - OTHER POST-EMPLOYMENT BENEFITS (OPEB) (CONTINUED)

### BENEFITS PROVIDED

Eligibility for continuation of coverage requires retirement from the City and CalPERS with at least 5 years of City service. The retiree is responsible for 100% of the premium cost for coverage, which is based on the blended experience of both the active and retired employees. The City is not required by law or contractual agreement to provide funding other than the pay-as-you-go amount necessary to provide current benefit to eligible retirees and beneficiaries. Retiree and spousal coverage terminates when the retiree becomes covered under another employer health plan, or when the retiree reaches Medicare eligibility age, which is currently age 65. However, retiree benefit continues to the surviving spouse if the retiree elects the CalPERS survivor annuity.

As of measurement date June 30, 2019, the following employees, City-wide, were covered by the benefit terms:

	<b>Measurement Date June 30, 2019</b>	<b>Measurement Date June 30, 2018</b>
Inactive plan members or beneficiaries currently receiving benefits	274	304
Inactive plan members entitled to but not yet receiving benefits	-	-
Active plan members	2,138	2,121

## NOTE 7 - OTHER POST-EMPLOYMENT BENEFITS (OPEB) (CONTINUED)

### ACTUARIAL ASSUMPTIONS

The total OPEB liability was determined by actuarial valuation as of June 30, 2019 and 2018, using the following actuarial assumptions:

	<u>Miscellaneous - Current Year</u>	<u>Miscellaneous - Prior Year</u>
Valuation Date	June 30, 2018	June 30, 2017
Measurement Date	June 30, 2019	June 30, 2018
Actuarial Cost Method	Pay-as-you-go for implicit rate subsidy	Pay-as-you-go for implicit rate subsidy
<b>Actuarial Assumptions</b>		
Discount rate	3.51% per annum. This discount rate is the maximum of the range of 3-20 year municipal bond rate indices: S&P Municipal Bond 20 Year High Grade Rate Index, Bond Buyer 20-Bond GO index, Fidelity GO AA 20 Year Bond Index.	3.5% - This discount rate is the average, rounded to 5 basis points, of the range of 3-20 year municipal bond rate indices: S&P Municipal Bond 20 Year High Grade Rate Index, Bond Buyer 20-Bond GO Index, and Fidelity GO AA 20 Year Bond Index
Inflation rate	3% per annum	2.75% per annum
Payroll Increases:	3.0%, plus merit increases based on the CalPERS experience study as of December 2017	3% per annum
Merit Increases:	Merit increases from the CalPERS pension plan experience study as of December 2017. The benefits are not payroll related but each individual's projected cost is allocated over their lifetime as a level-percentage of pay.	The benefits are not payroll related but the City's cost for each individual's projected City contribution is allocated over their lifetime as a level-percentage of pay. For cost method purposes the merit increases from the most recent CalPERS pension plan valuation will be used
Mortality	SOA Pub-2010 General Total Dataset Headcount Weighted Mortality Table fully generational using Scale MP-2019	CalPers 2014 Experience Study

### CHANGES OF ASSUMPTIONS

In 2019, the discount rate was changed from 3.5 percent to 3.51 percent.

## NOTE 7 - OTHER POST-EMPLOYMENT BENEFITS (OPEB) (CONTINUED)

### SENSITIVITY OF TOTAL OPEB LIABILITY TO CHANGES IN HEALTHCARE COST TREND RATES

The following presents the Water Utility's, including Water Conservation Programs, proportionate share of the City's total OPEB liability, calculating using the healthcare trend rate of 6.00%/HMO and 6.50%/PPO for measurement date as of June 30, 2019 and June 30, 2018, as well as what the Water Utility's total OPEB liability would be if it was calculated using a healthcare cost trend rate that is 1-percentage-point lower (5.00%/HMO and 5.50%/PPO) or 1-percentage-point higher (7.00%/HMO and 7.50%/PPO) than the current rate:

	Measurement Date June 30, 2019			Measurement Date June 30, 2018		
	Current healthcare cost trend rate			Current healthcare cost trend rate		
	1% Decrease		1% Increase	1% Decrease		1% Increase
Water Utility's proportionate share of total OPEB liability	\$ 3,877	\$ 4,382	\$ 4,985	\$ 3,141	\$ 3,524	\$ 3,973

### SENSITIVITY OF TOTAL OPEB LIABILITY TO CHANGES IN DISCOUNT RATES

The following presents the Water Utility's, including Water Conservation Programs, proportionate share of the City's total OPEB liability, calculating using the discount rate of 3.51% and 3.50% for measurement date as of June 30, 2019 and 2018 respectively, as well as what the Water Utility's total OPEB liability would be if it was calculated using a discount rate that is 1-percentage-point lower or 1-percentage-point higher than the current rate:

	Measurement Date June 30, 2019			Measurement Date June 30, 2018		
	Current Discount Rate			Current Discount Rate		
	1% Decrease (2.51%)	(3.51%)	1% Increase (4.51%)	1% Decrease (2.50%)	(3.50%)	1% Increase (4.50%)
Water Utility's proportionate share of total OPEB liability	\$ 4,845	\$ 4,382	\$ 3,972	\$ 3,817	\$ 3,524	\$ 3,256

## NOTE 7 - OTHER POST-EMPLOYMENT BENEFITS (OPEB) (CONTINUED)

### CHANGE IN TOTAL OPEB LIABILITY

For fiscal year ended June 30, 2020 and 2019, the Water Utility's, including Water Conservation Programs, recognized total OPEB expense of \$197 and \$118 respectively. The following table shows the change in the Water Utility's, including Water Conservation Programs, proportionate share of the City's total OPEB liability for the year ended June 30, 2020 (measurement date June 30, 2019) and the year ended June 30, 2019 (measurement date June 30, 2018):

June 30, 2020	Total OPEB Liability	Proportion of the City
Proportion - Reporting date June 30, 2020 (Measurement Date June 30, 2019)	\$ 4,382	8.76%
Proportion - Reporting date June 30, 2019 (Measurement Date June 30, 2018)	3,524	9.19%
Changes - Increase / (Decrease)	858	-0.43%
June 30, 2019		
Proportion - Reporting date June 30, 2019 (Measurement Date June 30, 2018)	3,524	9.19%
Proportion - Reporting date June 30, 2018 (Measurement Date June 30, 2017)	3,410	9.30%
Changes - Increase / (Decrease)	114	-0.11%

### DEFERRED OUTFLOWS/INFLOWS OF RESOURCES RELATED TO OPEB

At June 30, 2020, the Water Utility, including Water Conservation Programs, reported deferred inflows of resources related to OPEB from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Difference between expected and actual expense	\$ 19	\$ -
Changes of assumptions	625	(99)
Total	\$ 644	\$ (99)

## NOTE 7 - OTHER POST-EMPLOYMENT BENEFITS (OPEB) (CONTINUED)

Amounts reported as deferred inflows of resources related to OPEB will be recognized in OPEB expense as follows:

<b>Year Ended June 30</b>	<b>Deferred Outflows/ (Inflows) of Resources</b>
2020	\$ 62
2021	62
2022	62
2023	62
2024	62
Therafter	235
Total	<u>\$ 545</u>

## NOTE 8. RESTRICTED NET POSITION

Pursuant to applicable bond indentures, a reserve for debt service has been established by restricting assets and reserving a portion of net position. Bond indentures for the Water Utility's water revenue and refunding bonds require debt service reserves that equate to the maximum annual debt service required in future years and bond service reserves of three months interest and nine months principal due in the next fiscal year. Variable rate revenue and refunding bonds require 110 percent of the monthly accrued interest to be included in the reserve. Certain issues have no debt service reserve requirements (2009A & B, 2011A and 2019A).

## NOTE 9. CONSTRUCTION COMMITMENTS

As of June 30, 2020, the Water Utility had commitments (encumbrances) of approximately \$2,852 with respect to unfinished capital projects, of which \$1,551 is expected to be funded by bonds, and \$1,301 to be funded by unrestricted reserves.

## NOTE 10. LITIGATION

The Water Utility is a defendant in various lawsuits arising in the normal course of business. Present lawsuits and other claims against the Water Utility are incidental to the ordinary course of operations of the Water Utility and are largely covered by the City's self-insurance program. In the opinion of management and the City Attorney, such claims and litigation will not have a materially adverse effect upon the financial position or results of operations of the Water Utility.

### CITY OF RIVERSIDE V. BLACK & DECKER (U.S.), INC.

The Water Utility is a plaintiff in a lawsuit against several entities that either owned or leased a property site in the City of Colton and City of Rialto that is contaminated by perchlorate. The lawsuit was filed March 31, 2009. On May 24, 2018, the State trial court dismissed the action, with prejudice, for failure to join the federal Department of Defense, with instructions to refile the lawsuit in federal court and include the Department of Defense as a party. The City has appealed such dismissal, and on May 6, 2020, the appellate court overturned the trial court's dismissal. The appellate court remanded the case back to the trial court and the parties are now waiting for the trial court to set a trial date.

## NOTE 10 – LITIGATION (CONTINUED)

### PONGS V. CITY OF RIVERSIDE

On December 16, 2019, a lawsuit entitled *Pongs v. City of Riverside* was filed against the City challenging the City's Water Rate WA-12, "Agricultural Water", alleging that the City is overcharging customers for service under this rate in violation of Article XIID, Section 6 of the California Constitution. The plaintiff is seeking that the court invalidate Water Rate WA-12 and refund all to all WA-12 customers monies collected under that rate. No trial date has been set for this action.

### SIMPSON V. CITY OF RIVERSIDE

On December 19, 2019, a class action lawsuit entitled *Simpson v. City of Riverside* was filed against the City alleging that the City is overcharging customers for water utility service in violation of Article XIID, Section 6 of the California Constitution, on the grounds that the City is transferring 11.5% of water utility revenues to the City's general fund. The transfer, also known as the "General Fund Transfer", was approved by voters on June 4, 2013, as a general tax. The plaintiff is seeking refunds for all customers for monies collected in violation and also that the court set aside the voter's 2013 approval of the General Fund Transfer. No trial date has been set for this action.

### REGENTS OF THE UNIVERSITY OF CALIFORNIA UC RIVERSIDE CLAIM (UCR)

UCR has filed a claim for \$1,200 in water damages. The City of Riverside is still investigating the claim and has not yet determined whether to accept the claim or to contest it.

## NOTE 11. PRIOR PERIOD ADJUSTMENT

Fiscal year ended June 30, 2019, a prior period adjustment of \$1,736 was made to increase the Water Utility's, including Water Conservation Programs, net position. The adjustment was made to reflect the prior period costs related to pension. The restatement of beginning net position is as follows:

Net position at July 1, 2018, as previously stated	\$	305,078
Pension related adjustments		1,736
Net position at July 1, 2018, as restated	\$	<u>306,814</u>

## NOTE 12. SUBSEQUENT EVENT

### CORONAVIRUS DISEASE 2019 (COVID-19)

In December 2019, an outbreak of a novel strain of coronavirus (COVID-19) originated in China, and has since spread to a number of other countries, including the United States (U.S.). On March 11, 2020, the World Health Organization characterized COVID-19 as a pandemic. In addition, several states in the U.S., including California, have declared a state of emergency. Potential impacts to the City future tax revenues include disruptions or restrictions on current employees' ability to work. Any of the foregoing could negatively impact revenues and the City currently cannot anticipate all of the ways in which this health epidemic, COVID-19, could adversely impact our government agency. Although the City and the Water Utility are continuing to monitor and assess the effects of the COVID-19 pandemic on our government

## NOTE 13 – SUBSEQUENT EVENT (CONTINUED)

agency, the ultimate impact of the COVID-19 outbreak or a similar health epidemic is highly uncertain and subject to change.

On March 27, 2020, in response to the economic fallout of the Coronavirus pandemic in the United States, Congress passed the Coronavirus Aid, Relief, and Economic Security Act, also known as the CARES Act, which provided \$2.2 trillion in economic stimulus funding through a variety of channels. The State of California received a \$500 million allocation to provide cities which did not receive a direct federal allocation through the CARES Act. The City entered into an agreement with the State of California in July 2020 to receive their allocation of the CARES Act funding. On August 4, 2020, the City of Riverside's City Council approved a comprehensive CARES Act funding plan with the goal to expend by December 30, 2020 in accordance with the terms of the funding agreement. This funding will support numerous City-wide initiatives, including local business support, rental assistance, homelessness and other city programs. Additional information can be found in the notes to the City's financial statements in the City's CAFR.

# WATER UTILITY: KEY HISTORICAL OPERATING DATA

FISCAL YEAR	2019/20	2018/19	2017/18	2016/17	2015/16
<b>WATER SUPPLY (ACRE FEET)</b>					
Potable water production <sup>1</sup>	64,827	64,379	69,778	64,407	58,903
Percentage pumped <sup>2</sup>	100.00%	100.00%	100.00%	100.00%	100.00%
System peak day (gallons) <sup>3</sup>	89,600,000	90,200,000	83,000,000	81,000,000	75,000,000
<b>WATER USE</b>					
Number of meters as of year end					
Residential	59,598	59,456	59,601	59,453	59,137
Commercial/Industrial	5,070	5,045	5,705	5,640	5,619
Other	1,363	1,302	334	335	338
<b>Total</b>	<b>66,031</b>	<b>65,803</b>	<b>65,640</b>	<b>65,428</b>	<b>65,094</b>
CCF* sales					
Residential	14,610,481	14,157,606	15,564,143	14,219,498	13,125,476
Commercial/Industrial	7,454,519	7,611,943	9,573,518	8,683,382	8,011,884
Other	2,458,732	2,384,761	900,596	844,041	764,125
<b>Subtotal</b>	<b>24,523,732</b>	<b>24,154,310</b>	<b>26,038,257</b>	<b>23,746,921</b>	<b>21,901,485</b>
Wholesale	1,002,289	1,673,411	1,476,117	1,593,808	627,978
<b>Total</b>	<b>25,526,021</b>	<b>25,827,721</b>	<b>27,514,374</b>	<b>25,340,729</b>	<b>22,529,463</b>

\*(CCF equals 100 cubic feet)

## WATER FACTS

Average annual CCF per residential customer	245	238	261	240	223
Average price (\$/CCF) per residential customer	\$2.67	\$2.50	\$2.39	\$2.46	\$2.44
Debt service coverage ratio (DSC) <sup>4,5,6</sup>	1.80	1.68	2.16	2.04	1.80
Employees <sup>7</sup>	165	159	159	174	181

<sup>1</sup> Water pumping figures have been adjusted to include retail and w holesale potable w ater production.

<sup>2</sup> No purchased w ater.

<sup>3</sup> System peak day has been adjusted to reflect production for retail customers.

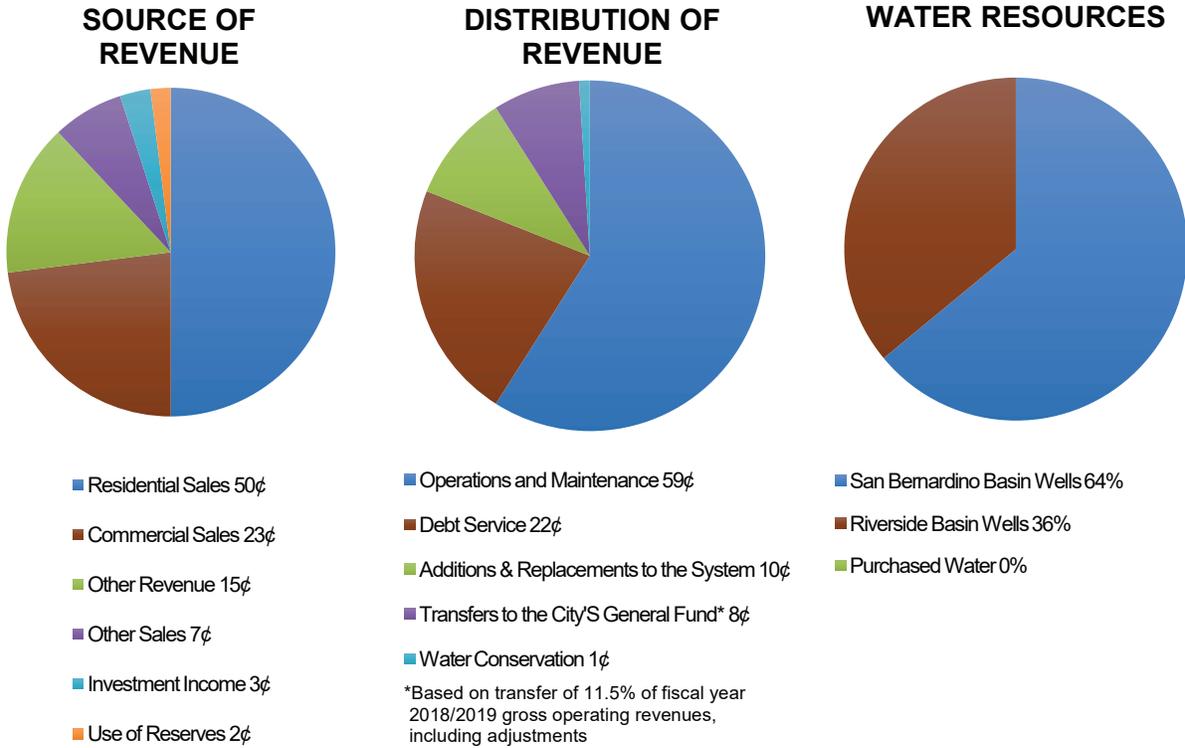
<sup>4</sup> Interest expense used to calculate DSC is net of federal subsidy on Build America Bonds.

<sup>5</sup> Excludes GASB 68 Accounting and Financial Reporting for Pension non-cash adjustments of \$1,046, (\$482), \$3,149, (\$85), and (\$1,806), for fiscal years 19/20 through FY 15/16, respectively.

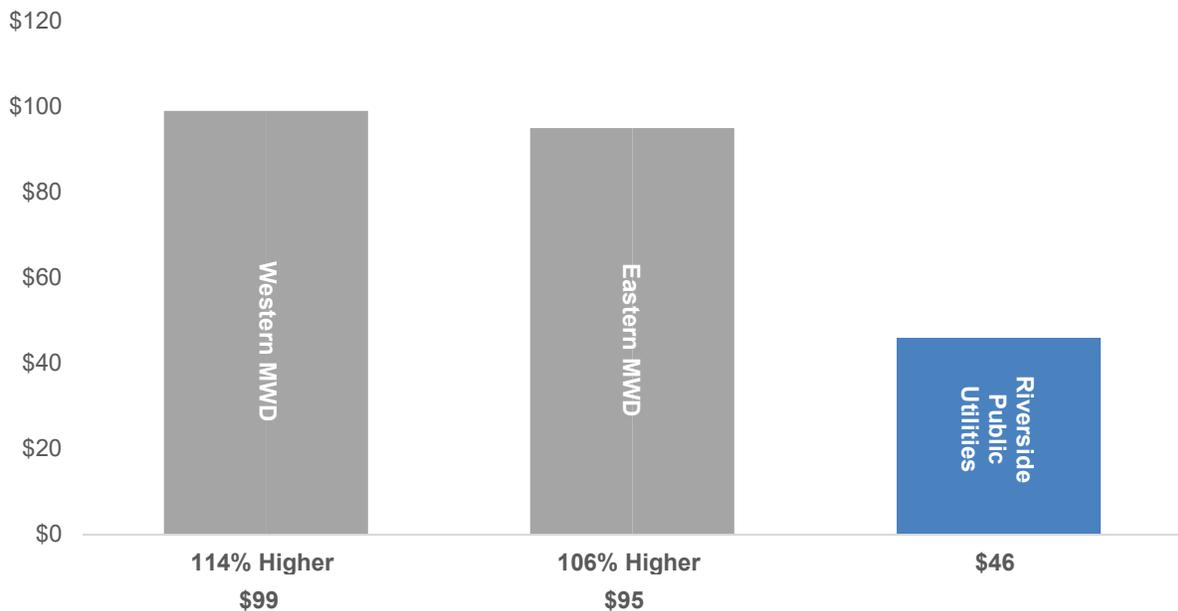
<sup>6</sup> Excludes GASB 75 Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions non-cash adjustments of \$197, \$118 and \$265, for fiscal years 19/20 through FY 17/18, respectively.

<sup>7</sup> Approved positions.

# 2019/2020 WATER REVENUE AND RESOURCES



## RESIDENTIAL WATER RATE COMPARISON - 20 CCF PER MONTH (AS OF JUNE 30, 2020)

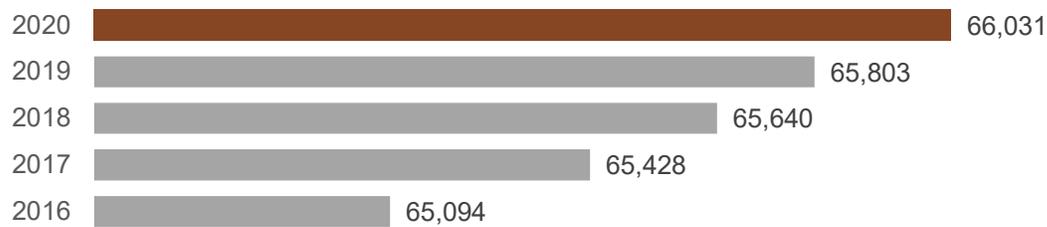


# WATER KEY OPERATING INDICATORS

## General Fund Transfer (In Millions)



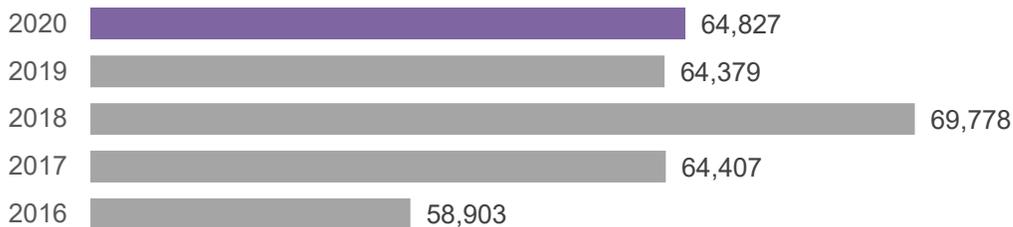
## Number of Meters At Year End



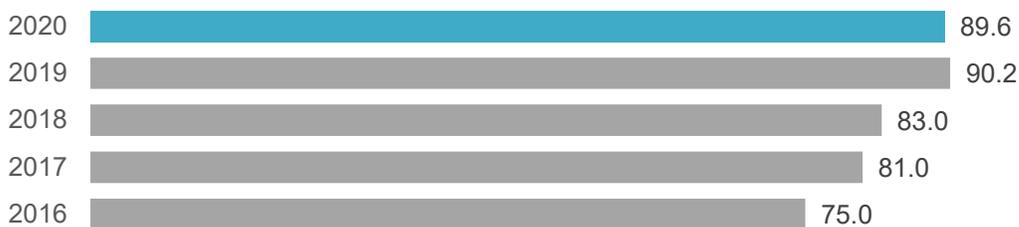
## Total Operating Revenue (In Millions)



## Potable Water Production (In Acre Feet)



## Peak Day Demand (In Millions of Gallons)



# WATER FACTS AND SYSTEM DATA

Established..... 1913

Service Area Population..... 328,096

Service Area Size (square miles)..... 74.24

## System Data

Smallest Pipeline ..... 2.0”

Largest Pipeline..... 72.0”

Miles of Pipeline ..... 1,004

Number of Domestic Wells ..... 56

Number of Active Reservoirs ..... 16

Total Reservoir Capacity (gallons)..... 108,500,000

Number of Treatment Plants..... 6

Number of Treatment Vessels ..... 84

Miles of Canal..... 14

Number of Fire Hydrants ..... 9,304

Daily Average Production (gallons) ..... 59,000,000

2019-2020 Peak Day (gallons) ..... 89,600,000

08/22/19, 91 Degrees

Historical Peak (gallons)..... 118,782,000

08/9/05, 99 Degrees

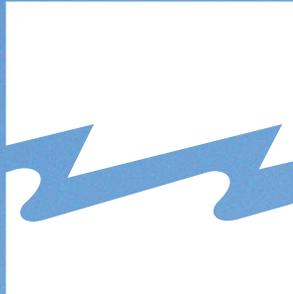
## Bond Ratings

Fitch Ratings..... AA+

Moody's ..... Aa2

S&P Global Ratings ..... AAA

WATER | ENERGY | LIFE



PUBLIC UTILITIES





**RIVERSIDE PUBLIC UTILITIES**

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