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JUN 13 2023



RESOLUTION NO. 0 23 235

BOARD LETTER APPROVAL

- POWER SYSTEM
- CORP. SVCS.
- LEGAL
- ERA
- WATER SYSTEM
- CFO
- ITS


RELEASE DATE: JUN 26 2023



ANN M. SANTILLI
 Chief Financial Officer



ARAM BENYAMIN
 Chief Operating Officer



MARTIN L. ADAMS
 General Manager and Chief Engineer

DATE: May 8, 2023

SUBJECT: Energy Cost Adjustment Expenditures for the 12-Month Period Commencing July 1, 2023

SUMMARY

The attached Resolution approves expenditures for inclusion in the Energy Cost Adjustment (ECA) for the 12-month period commencing July 1, 2023. The ECA is one of the rate components that recover costs of providing electric service to customers. These costs include fuel, non-renewable purchased power, energy efficiency, and the production and acquisition of power from renewable resources.

City Council approval is not required.

RECOMMENDATION

It is recommended that the Board of Water and Power Commissioners (Board) adopt the attached Resolution authorizing fuel, purchased power, demand-side management (DSM), and renewable portfolio standard (RPS) expenditures for the 12-month period commencing July 1, 2023.

FINANCIAL INFORMATION

If the attached Resolution is approved, compared against the current quarter, the median residential customer's electric bill (300 kilowatt-hours (kWh) per month) for the quarter commencing July 1, 2023, will be lower by an average of 0.17 percent, or \$0.06 per month, or \$0.00018 per kWh. The variance against the current quarter is mainly due to an increase in the Variable Energy Adjustment (VEA) balancing account offset by a lower Variable Renewable Portfolio Standard Energy Adjustment (VRPSEA) balancing account.

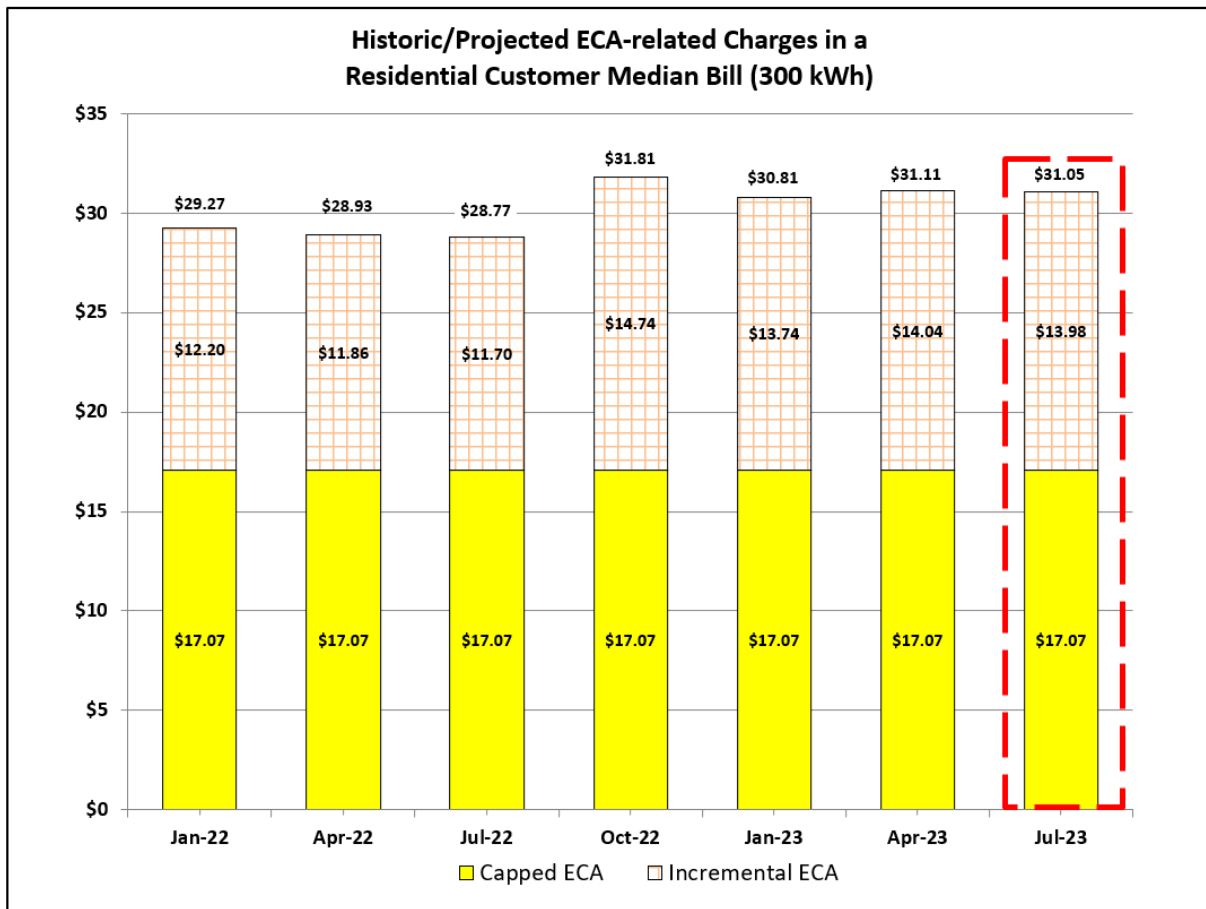
Electric Rate Ordinance No. 168436, as amended (Ordinance), and the Incremental Electric Rate Ordinance No. 184133 state that the Energy Cost Adjustment Factor (ECAF), VEA Factor, Capped Renewable Portfolio Standard Energy Adjustment (CRPSEA) Factor, and the Variable Renewable Portfolio Standard Energy Adjustment (VRPSEA) Factor shall be calculated four times a year, and each such calculated factor shall take effect on January 1, April 1, July 1, and October 1, respectively. The ECAF calculated with the expenditures approved in this Resolution and the associated incremental factors take effect on July 1, 2023. In accordance with the two ordinances, the next quarterly factors update would be effective October 1, 2023.

Composite ECAF (Proposed vs. Prior Quarter)

For the three-month period commencing July 1, 2023, the composite ECAF applied to actual billing of customers will be \$0.10351 per kWh, as shown in the table below, if the Resolution is approved. Calculations of the four factors that make up the composite factor and supporting detail are included in Schedules A, B, C, D, and E as Attachment B. This decrease of \$0.00018 per kWh will result in a decrease of \$0.06 per month for the median residential customer.

Schd.	Energy Cost Adjustment Factors (\$/kWh)	Proposed Jul - Sep 2023	Prior Quarter Apr - Jun 2023	Variance
A.1	<u>Ordinance No. 168436, as amended</u> Capped Energy Cost Adjustment Factor	\$0.05690	\$0.05690	\$0.00000
A.2	<u>Incremental Ordinance No. 184133</u> Variable Energy Adjustment Factor	\$0.01149	\$0.00849	\$0.00300
A.3	Capped RPS Energy Adjustment Factor	\$0.01104	\$0.01065	\$0.00039
A.4	Variable RPS Energy Adjustment Factor	\$0.02408	\$0.02765	(\$0.00357)
A.4	Composite Energy Cost Adjustment Factor	\$0.10351	\$0.10369	(\$0.00018)

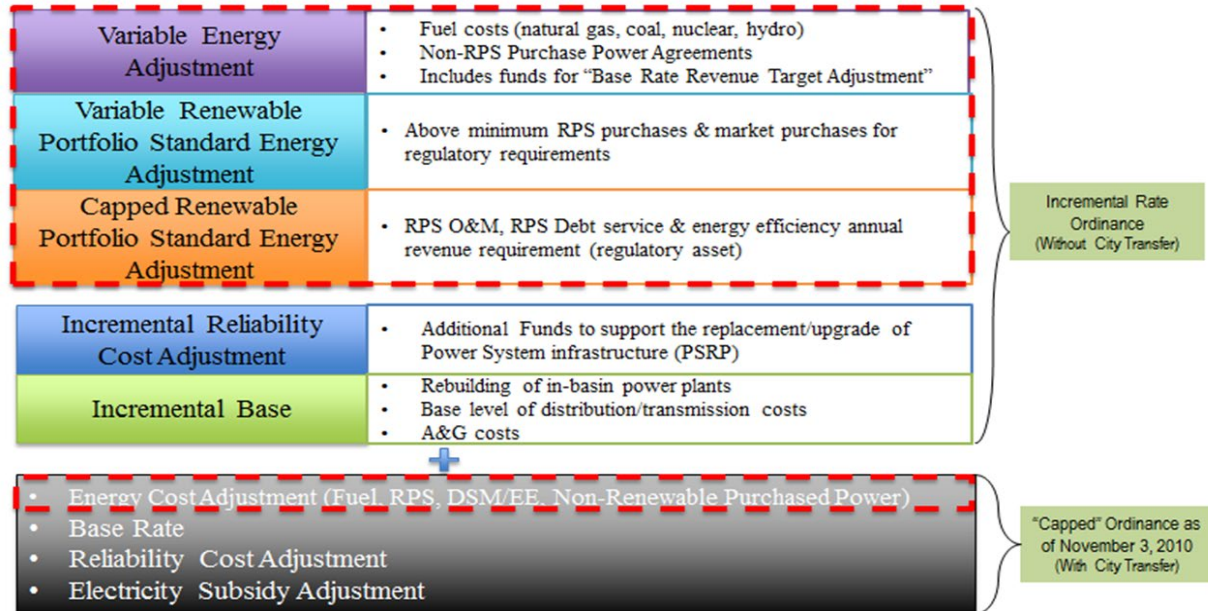
The following chart shows the trend of the historic/projected ECA-related charges in a residential customer median bill (300 kWh).



BACKGROUND

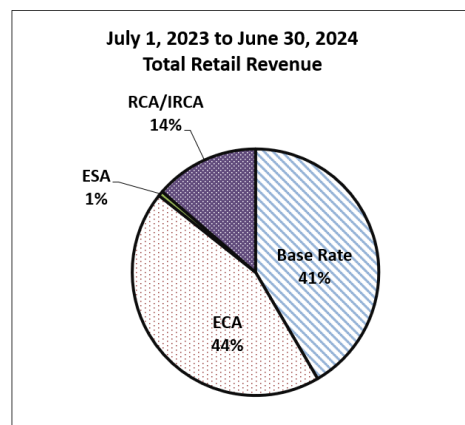
Overview of Electric Rates and ECAF Charges

The current electric rate structure includes a “capped” and incremental rate ordinance.



The expenditures that are proposed to be approved under this Board package will impact the charges shown in the dashed boxes of the figure above, which are collectively referred to as the ECAF charges. Further description of the ECAF-related adjustment factors is provided in Attachment A.

The pass-through adjustments shown in the top dashed box, which include the VEA, CRPSEA, and VRPSEA, along with the “capped” ECA, will provide approximately 44 percent of the total retail revenue for the Power System, as shown in the lower box. The remaining revenue comes from base rates, the fixed Electric Subsidy Adjustment (ESA), the Reliability Cost Adjustment (RCA), and the Incremental RCA (IRCA).



The Ordinance specifies that Board approval of the estimated fuel, purchased power, DSM, and RPS expenditures for the 12-month period commencing July 1, 2023, is required for inclusion of those expenditures in the calculation of the quarterly ECA to be effective July 1, 2023.

ENVIRONMENTAL DETERMINATION

Determine item is exempt pursuant to California Environmental Quality Act (CEQA) Guidelines Section 15060 (c)(3). In accordance with Section 15060 (c)(3) of the CEQA Guidelines, an activity is not subject to CEQA if it does not meet the definition of a project in Section 15378. Section 15378 (b)(4) states that governmental fiscal activities which do not involve any commitment to any specific project which may result in a potentially significant physical impact on the environment do not meet the definition of a project. Therefore, the approval of the listed expenditures for the ECA is not an action subject to CEQA.

CITY ATTORNEY

The Office of the City Attorney reviewed and approved the Resolution as to form and legality.

ATTACHMENTS

- Resolution
- Attachment A - Description of ECAF-Related Rate Components
- Attachment B - Schedules A, B, C, D, and E

WHEREAS, Electric Rate Ordinance No. 168436, as amended, provides for the recovery of qualifying expenditures for costs of fuel, purchased power, demand-side management (DSM), and the renewable portfolio standard (RPS) through the application of the Energy Cost Adjustment Factor (ECA); and

WHEREAS, Incremental Electric Rate Ordinance No. 184133 further provides for the recovery of qualifying expenditures through the application of the Variable Energy Adjustment Factor (VEAF), Capped Renewable Portfolio Standard Energy Adjustment Factor (CRPSEAF), and Variable Renewable Portfolio Standard Energy Adjustment Factor (VRPSEAF); and

WHEREAS, Electric Rate Ordinance No. 168436, as amended, and Incremental Electric Rate Ordinance No. 184133 state that the ECAF, VEAF, CRPSEAF, and VRPSEAF shall be calculated four times each year, and each such calculated factor shall take effect on January 1, April 1, July 1, and October 1, respectively; and

WHEREAS, the ECAF formula in Electric Rate Ordinance No. 168436, as amended, calls for expenditures to be approved in advance by the Board for inclusion in components of the Energy Cost Adjustment (ECA).

NOW, THEREFORE, BE IT RESOLVED that the Board approves Schedules B, C, and D, which are on file with the Secretary of the Board and which describe and identify estimated non-renewable fuel expense totaling \$350 million and non-renewable purchased power expense totaling \$526 million on Schedule B, estimated RPS expense totaling \$970 million on Schedule C, and estimated DSM expense totaling \$128 million on Schedule D for the 12-month period commencing July 1, 2023, through June 30, 2024, for inclusion in components of the ECA.

I HEREBY CERTIFY that the foregoing is a full, true, and correct copy of a resolution adopted by the Board of Water and Power Commissioners of the City of Los Angeles at its meeting held

JUN 13 2023


Secretary

APPROVED AS TO FORM AND LEGALITY
HYDEE FELDSTEIN SOTO, CITY ATTORNEY

MAY 12 2023

BY 
BRIAN E. STEWART
DEPUTY CITY ATTORNEY

DESCRIPTION OF ECAF-RELATED RATE COMPONENTS

Capped Energy Cost Adjustment Factor (CECAF)

The Electric Rate Ordinance No. 168436, as amended (Ordinance), charges customers the Energy Cost Adjustment (ECA), using the ECA Factor (ECAF), to recover the costs of fuel, purchased power including renewable resources, and demand-side management (DSM) costs, including revenue losses and other variable operational costs.

The Incremental Electric Rate Ordinance No. 184133 designates this ECAF as the CECAF and caps it at \$0.05690 per kilowatt-hour (kWh) for billing purposes.

Incremental Energy Factors

The CECAF, in conjunction with the base rate contribution of \$0.01236 per kWh, is not sufficient to recover all qualifying expenditures, particularly as expenditures for renewable portfolio standard (RPS) projects continue to increase to meet the State of California's mandated renewable energy goal of 60 percent by 2030. To recover qualifying expenditures above the capped billing level of \$0.06926 (\$0.05690 + \$0.01236) per kWh, Ordinance No. 184133 contains the Variable Energy Adjustment (VEA) Factor, Capped Renewable Portfolio Standard Energy Adjustment (CRPSEA) Factor, and Variable Renewable Portfolio Standard Energy Adjustment (VRPSEA) Factor.

These elements are described below:

(1) VEA Factor

This factor allows for recovery of expenditures for non-renewable fuel, non-renewable purchased power, and legal costs, judgments, and settlements, which are beyond the cost recovery ability of the CECAF and contribution from the base rates. Details of such amounts include:

- Non-renewable fuel-related expenses may include prepayment, fuel transportation, storage, emission credits and taxes, emission allowance costs, and any other non-renewable fuel-related expenses.
- Non-renewable purchased power expense includes charges associated with the purchase of non-renewable energy, including capacity, associated transmission service, prepayment expense, and parallel generators.

- This factor allows for the recovery of legal settlements. Board of Water and Power Commissioners (Board) Resolution No. 014-069 directs the Chief Financial Officer of LADWP to recover the sum of \$160 million for the settlement of San Bernardino County Case No. SCVSS100293 over a 10-year period commencing July 1, 2014.
- The Base Rate Revenue Target Adjustment (BRRTA) recovers or credits the base rate revenue that is below or exceeds a preset target established by the Board. This factor facilitates aggressive Energy Efficiency programs by ensuring a set amount of revenue collection for the fiscal year irrespective of the sales volume.

(2) CRPSEA Factor

This factor allows for recovery of expenditures for RPS projects directly owned by LADWP, recovery of debt service and operation and maintenance expenses for RPS projects indirectly owned by LADWP, and recovery of expenditures for DSM measures, which are beyond the cost recovery ability of the CECAF and contribution from the base rates. Details of such amounts include:

- Directly owned RPS projects include depreciation, interest, and operation and maintenance expenses.
- Indirectly owned RPS projects include principal payment, interest expense, and operation and maintenance expense. Other expenses of indirectly owned RPS projects are to be recovered through the VRPSEA Factor.
- DSM measures include both expensed and capitalized expenses of energy efficiency measures.

(3) VRPSEA Factor

This factor allows for recovery of expenditures for RPS projects in which LADWP has no ownership interest and recovery of some expenditures for RPS projects in which LADWP has indirect ownership interest, which are beyond the cost recovery ability of the CECAF and contribution from the base rates. Details of such amounts include:

- RPS projects in which LADWP has no ownership interest include purchased generation and its associated transmission service expense.
- RPS projects in which LADWP has indirect ownership interest include expenses other than principal payment, interest expense, and operation and maintenance expense.

Schedule A

**Energy Cost Adjustment Factors
(Capped and Incremental)
Calculation Summary Sheet
1st Quarter of FY 2023-2024**

ECAF Calculations for the**Capped Energy Cost Adjustment Factor (CECAF)**

Estimated Expenses for the 12-Month Period Commencing July 1, 2023:

(a) Non-Renewable Fuel Expense	\$ 349,678,000
(b) Non-Renewable Purchased Power Expense	526,202,000
(c) Renewable Portfolio Standard Expense (Purchase & Ownership)	970,419,684
(d) Demand Side Management (DSM) O&M Expense	0
DSM Capitalized Debt Service (Includes PY Debt Service)	127,658,003
(e) Energy Efficiency Savings	111,647,930
(f) City Transfer (8%)	166,848,449
Total Estimated Expenses, plus City Transfer	\$ 2,252,454,066
(g) Estimated Balance in the ECA Account as of March 31, 2023	4,053,610,807
Grand Total	\$ 6,306,064,873
(h) Estimated Retail Energy Sales (kWh)	22,215,003,471
(Less: Sales to Other City Departments under Schedules LS-1 and TC)	
Energy Cost Adjustment Factor per kWh to be Sold	\$ 0.28387
(i) Less: Energy Cost Adjustment Factor to be Billed as Base Rate (Ordinance No. 168436, as amended, General Provisions G.2.(i))	<u>(0.01250)</u>
Calculated Net Energy Cost Adjustment Factor per kWh to be Sold (Per Ordinance No. 168436, as Amended)	\$ 0.27137
Existing ECAF as of June 30, 2023	\$ 0.09890
Quarterly Adjustment Limit	0.00100
Energy Cost Adjustment Factor per kWh (Per Ordinance No. 168436, as Amended)	\$ 0.09990
Capped ECAF per kWh Billed to Customer (Per Ordinance No. 184133)	\$ 0.05690

Schedule A

**Energy Cost Adjustment Factors
(Capped and Incremental)
Calculation Summary Sheet
1st Quarter of FY 2023-2024**

Incremental Ordinance No. 184133**1. Variable Energy Adjustment Factor (VEAF)**

Estimated Expenses for the 12-Month Period Commencing July 1, 2023:

(a)	Non-Renewable Fuel Expense	\$ 349,678,000
(b)	Non-Renewable Purchased Power Expense	526,202,000
(c)	Legal Settlement (Case No. SCVSS100293)	16,000,000
(d)	Energy Efficiency Savings (FY 2011-12 kWh Adjusted for Aging)	13,654,276
(e)	City Transfer (8%)	72,442,742
(f)	Estimated Balance in the VEA Account as of March 31, 2023	127,036,451
	Grand Total	\$ 1,105,013,469
(g)	Estimated Retail Energy Sales (kWh) (Less: Sales to Other City Departments under Schedules LS-1 and TC)	22,215,003,471
	Variable Energy Adjustment Factor per kWh	\$ 0.04974
(h)	Less: Funding by Capped ECAF and Base Rate Contribution Factor	(0.05256)
	Subtotal	(0.00282)
(i)	Less: City Transfer (8%) from VEAF per kWh	0.00023
	Variable Energy Adjustment Factor	\$ (0.00259)
(j)	Base Rate Revenue Target Adjustment Factor [\$339,325,591 / 20,675,647,857 kWh]	0.01641
	Calculated Variable Energy Adjustment Factor per kWh	\$ 0.01382
(k)	Less: City Transfer (8%) from Base Rates per kWh	(0.00233)
(l)	Variable Energy Adjustment Factor per kWh Billed to Customer	\$ 0.01149

Schedule A

**Energy Cost Adjustment Factors
(Capped and Incremental)
Calculation Summary Sheet
1st Quarter of FY 2023-2024**

2. Capped Renewable Portfolio Standard Energy Adjustment Factor (CRPSEAF)

Estimated Expenses for the 12-Month Period Commencing July 1, 2023:

(a) Depreciation Expense (Directly-Owned RPS)	\$ 74,050,871
Interest Expense (Directly-Owned RPS)	92,976,112
Operating and Maintenance Expense (Directly-Owned RPS)	89,732,700
(b) Renewable PPAs (Fixed Portion of Indirectly-Owned RPS)	83,232,000
(c) Energy Efficiency Capitalized Debt Service	127,658,003
(d) City Transfer (8%)	37,411,975
(e) Estimated Balance in the CRPSEA Account as of March 31, 2023	(20,955,153)
Grand Total	\$ 484,106,508
(f) Estimated Retail Energy Sales (kWh)	22,215,003,471
<small>(Less: Sales to Other City Departments under Schedules LS-1 and TC)</small>	
Capped RPS Energy Adjustment Factor per kWh	\$ 0.02179
(g) Less: Funding by Capped ECAF and Base Rate Contribution Factor	(0.00979)
(h) Calculated Capped RPS Energy Adjustment Factor	\$ 0.01200
(i) Less: City Transfer (8%) from CRPSEAF per kWh	\$ (0.00096)
(j) Capped RPS Energy Adjustment Factor per kWh Billed to Customer	\$ 0.01104

Schedule A

**Energy Cost Adjustment Factors
(Capped and Incremental)
Calculation Summary Sheet
1st Quarter of FY 2023-2024**

3. Variable Renewable Portfolio Standard Energy Adjustment Factor (VRPSEAF)

Estimated Expenses for the 12-Month Period Commencing July 1, 2023:

(a) Renewable PPAs (Variable Portion of Indirectly and Non-Owned RPS)	\$ 630,428,000
(b) City Transfer (8%)	50,434,240
(c) Estimated Balance in the VRPSEA Account as of March 31, 2023	54,197,798
Grand Total	\$ 735,060,038
(d) Estimated Retail Energy Sales (kWh) (Less: Sales to Other City Departments under Schedules LS-1 and TC)	22,215,003,471
Variable RPS Energy Adjustment Factor per kWh	\$ 0.03309
(e) Less: Funding by Capped ECAF and Base Rate Contribution Factor	(0.00691)
(f) Calculated Variable RPS Energy Adjustment Factor	\$ 0.02618
(g) Less: City Transfer (8%) from VRPSEAF per kWh	(0.00209)
(h) Variable RPS Energy Adjustment Factor per kWh Billed to Customer	\$ 0.02408

Factors Summary	
<i>Capped Energy Cost Adjustment Factor (CECAF)</i>	\$ 0.05690
<i>Variable Energy Adjustment Factor (VEAF)</i>	\$ 0.01149
<i>Capped RPS Energy Adjustment Factor (CRPSEAF)</i>	\$ 0.01104
<i>Variable RPS Energy Adjustment Factor (VRPSEAF)</i>	\$ 0.02408
Total	\$ 0.10351

Schedule B

**RETAIL CUSTOMER
FUEL AND PURCHASED POWER EXPENSE BUDGET
July 2023 - June 2024**

Ordinance No. 168436, As Amended

<u>ENERGY EXPENSES FOR CECAF</u>	<u>Total Expense</u>
<u>Non-Renewable Fuel Expense</u>	
Natural Gas	\$ 217,903,000
Gas MTM (03/24/23)	(17,982,000)
Transportation	72,700,000
Nuclear (PV)	11,562,000
Other Fuel Items	41,468,000
Emissions Expense	24,027,000
Total Non-Renewable Fuel Expense	\$ 349,678,000
<u>Non-Renewable Purchased Power</u>	
Palo Verde (SCPPA)	\$ 52,051,000
Economy Purchases	19,108,000
Roseburg Capacity Agreement	1,296,000
Intermountain	233,627,000
Apex	116,028,000
Hoover	18,406,000
Cogeneration	1,902,000
Non-RPS Transmission	83,784,000
Total Non-Renewables Purchased Power	\$ 526,202,000
<u>Renewable Purchased Power</u>	
Water System Hydros	\$ 12,919,000
RPS Geothermal	178,353,000
RPS Wind	221,911,000
RPS Solar Rooftop	50,496,000
RPS Hydro	1,995,000
RPS Biomass	2,780,000
RPS Solar Central	241,815,000
RPS REC	-
RPS Transmission	3,391,000
Total Renewable Expense	\$ 713,660,000
TOTAL ENERGY EXPENSES FOR CECAF	\$ 1,589,540,000

Incremental Ordinance No. 184133

<u>ENERGY EXPENSES FOR CRPSEAF</u>	<u>Total Expense</u>
<u>Fixed RPS Purchased Power</u>	
RPS Wind	\$ 79,841,000
RPS Transmission	3,391,000
TOTAL ENERGY EXPENSES FOR CRPSEAF (FIXED PORTION OF INDIRECTLY-OWNED RPS)	\$ 83,232,000

Schedule B

**RETAIL CUSTOMER
FUEL AND PURCHASED POWER EXPENSE BUDGET
July 2023 - June 2024**

Incremental Ordinance No. 184133

ENERGY EXPENSES FOR VRPSEAF**Variable RPS Purchased Power**

Water System Hydros	\$ 12,919,000
RPS Geothermal	178,353,000
RPS Wind	142,070,000
RPS Solar Rooftop	50,496,000
RPS Hydro	1,995,000
RPS Biomass	2,780,000
RPS Solar Central	241,815,000
RPS REC	-

**Total
Expense****TOTAL ENERGY EXPENSES FOR VRPSEAF****\$ 630,428,000**

(Variable Portion of Indirectly and Non-Owned RPS)

Incremental Ordinance No. 184133

ENERGY EXPENSES FOR VEAF**Non-Renewable Fuel Expense**

Natural Gas	\$ 217,903,000
Gas MTM (03/24/23)	(17,982,000)
Transportation	72,700,000
Nuclear (PV)	11,562,000
Other Fuel Items	41,468,000
Emissions Expense	24,027,000

**Total
Expense****Total Non-Renewable Fuel Expense****\$ 349,678,000****Non-Renewable Purchased Power**

Palo Verde (SCPPA)	\$ 52,051,000
Economy Purchases	19,108,000
Roseburg Capacity Agreement	1,296,000
Intermountain	233,627,000
Apex	116,028,000
Hoover	18,406,000
Cogeneration	1,902,000
Non-RPS Transmission	83,784,000

Total Non-Renewables Purchased Power**\$ 526,202,000****TOTAL ENERGY EXPENSES FOR VEAF****\$ 875,880,000**

Schedule C

RENEWABLE PORTFOLIO STANDARD SCHEDULE
July 2023 - June 2024

Projects	Type	kWh	Total Costs
Purchased Power Projects			
ARP Loyalton	Biomass	23,167,000	\$ 2,780,000
LADWP Water System	Hydro	340,932,000	12,919,000
MWD Sepulveda	Hydro	16,500,000	1,510,000
North Hollywood	Hydro	5,304,000	485,000
Don Campbell 1	Geothermal	119,277,000	11,808,000
Don Campbell 2	Geothermal	135,335,000	10,996,000
Heber 1	Geothermal	292,320,000	26,148,000
Ormesa	Geothermal	215,640,000	16,658,000
Northern Nevada	Geothermal	1,493,280,000	112,743,000
Feed-in-Tariff	Solar	304,064,000	50,496,000
Springbok 1	Solar	292,478,000	20,064,000
Springbok 2	Solar	405,297,000	23,771,000
Springbok 3	Solar	235,707,000	12,250,000
Beacon	Solar	610,349,000	32,910,000
Eland	Solar	380,523,000	15,076,000
Eland 2	Solar	434,850,000	22,469,000
Moapa	Solar	619,253,000	54,302,000
Re Cinco	Solar	175,688,000	11,566,000
Copper Mountain	Solar	516,003,000	49,407,000
RPS Transmission	Transmission	0	3,391,000
Pebble Springs	Wind	152,000,000	15,091,000
PPM_Wyoming	Wind	102,228,000	6,440,000
Willow Creek	Wind	83,339,000	10,902,000
Linden	Wind	138,997,000	14,938,000
Milford 1	Wind	404,333,000	29,185,000
Milford 2	Wind	204,176,000	15,842,000
Red Cloud	Wind	1,337,401,000	56,840,000
Windy Point	Wind	654,001,000	72,673,000
Subtotal		9,692,442,000	\$ 713,660,000

Projects	Type	kWh	Total Costs	Interest	Depreciation	O&M
Ownership						
LADWP Power System	Hydro	341,052,000	\$ 50,422,187	\$ 7,884,240	\$ 3,879,547	\$ 38,658,400
Adelanto	Solar	18,925,000	4,195,102	1,303,947	2,673,055	218,100
Owens Valley	Solar	0	434	290	144	0
Pine Tree	Solar	16,483,000	4,741,319	1,696,378	2,832,941	212,000
Utility Built Solar	Solar	43,545,000	6,916,477	2,560,855	4,355,622	0
Beacon Solar	Solar	0	5,628,219	3,437,543	2,190,676	0
Battery Storage (10 Years)	Solar	0	6,591,304	1,187,016	5,404,288	0
Pine Tree Transmission Connect	Transmission	0	1,813,867	1,780,300	33,567	0
Long-Term Transmission Development	Transmission	0	14,241,418	14,241,418	0	0
Barren Ridge Transmission	Transmission	0	34,860,517	28,824,113	6,036,404	0
PP1&2 to Olive Transmission	Transmission	0	4,428,242	4,428,242	0	0
Moapa Transmission	Transmission	0	255,550	171,566	83,984	0
Pine Canyon	Wind	0	601,617	601,617	0	0
Pine Tree	Wind	250,263,000	48,724,605	13,907,396	18,709,809	16,107,400
Miscellaneous RPS Expenses	Various	0	63,402,987	8,282,666	20,583,521	34,536,800
Valley Gen Station A& B	Battery Storage	0	3,575,647	1,874,284	1,701,363	0
Demand Response Program	-	0	6,360,192	794,242	5,565,950	0
Subtotal		670,268,000	\$ 256,759,684	\$ 92,976,112	\$ 74,050,871	\$ 89,732,700

Total

10,362,710,000

\$ 970,419,684

Schedule D

DEMAND-SIDE MANAGEMENT PROGRAMS
July 2023 - June 2024

<u>Capital</u>	<u>Total</u>
F.I. 28182 Energy Conservation-Power Funded	
Y5003 - Lighting & HVAC Upgrades	\$ 8,795,000
Y5014 - Energy Efficiency Programs	132,451,000
Y7718 - Home Energy Improvement Program	18,230,000
Y7720 - Commercial Direct Install Program	3,462,000
DSM Capital Total	<u>\$ 162,938,000</u>
Amortized Debt Service July 2023 - June 2024	\$ 15,697,820
Prior Amortized Debt Service	111,960,183
Amortized Debt Service	<u>\$ 127,658,003</u>
 <u>O&M</u>	 \$0

Schedule E

**CITY TRANSFER FROM BASE RATES OF ORDINANCE NO. 184133
July 2023 - June 2024**

<u>Description</u>	<u>Total</u>
Estimated Retail Revenue for 12-months ending June 30, 2024	\$ 4,924,552,084
Less: 2008 Ordinance Revenue [(a) * (b)]	
Estimated FY 23-24 Retail Sales (kWh)	(a) 22,251,003,471
FY 10-11 System Average Rate	(b) <u>0.12628</u>
	(2,809,856,718)
Less: Estimated VEA Revenue	(109,942,468)
Less: Estimated VRPSEA Revenue	(529,968,703)
Less: Estimated CRPSEA Revenue	(265,647,876)
Less: Estimated IRCA Revenue	<u>(603,003,871)</u>
Estimated Base Rate Revenue	\$ 606,132,448
Calculated City Transfer (8%) from Base Rates	48,490,596
Estimated Balancing Account to Annually Reconcile with Actual Base Rate Revenue Recorded	<u>3,260,421</u>
City Transfer (8%) from Base Rates	\$ 51,751,017
 Estimated Retail Energy Sales (kWh)	 22,215,003,471
(Less: Sales to Other City Departments under Schedules LS-1 and TC)	
 City Transfer (8%) From Base Rates per kWh	 \$ 0.00233