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NOV 08 2022

Los Angeles Department of Water & Power

BOARD LETTER APPROVAL

RESOLUTION NO. 023 085

☐ POWER SYSTEM ☐ WATER SYSTEM
☐ CORP. SVCS. ☑ CFO
☐ LEGAL ☐ ITS
☐ ERA ☐

RELEASE DATE: NOV 30 2022

ANN M. SANTILLI
Chief Financial Officer

BRIAN J. WILBUR
Interim Senior Assistant General Manager
Power System Engineering, Planning, and Technical Services

MARTIN L. ADAMS
General Manager and Chief Engineer

DATE: October 11, 2022

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

SUMMARY

The attached Resolution approves expenditures for inclusion in the Energy Cost Adjustment (ECA) for the 12-month period commencing January 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 January 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 January 1, 2023, will be lower by an average of 3.16 percent, or $1.00 per month, or $0.00335 per kWh. The variance against the current quarter is mainly due to the decrease in the Variable Energy Adjustment (VEA) balancing account and lower forecasted fuel and purchased power expenses.

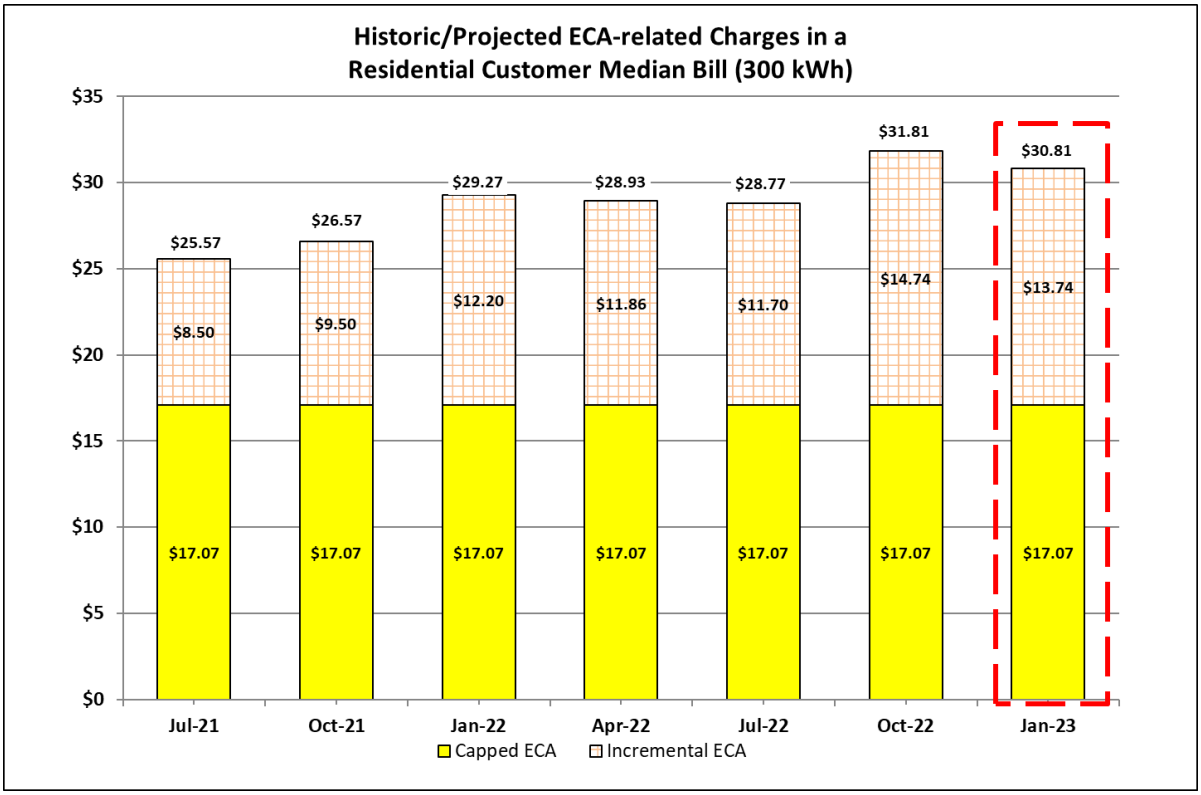
Electric Rate Ordinance No. 168436, as amended (Ordinance), and the Incremental Electric Rate Ordinance No. 184133 state that the Energy Cost Adjustment Factor (ECAF), VEA Factor, Capped Renewable Portfolio Standard Energy Adjustment (CRPSEA) Factor, and the Variable Renewable Portfolio Standard Energy 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 January 1, 2023. In accordance with the two ordinances, the next quarterly factors update would be effective April 1, 2023.

Composite ECAF (Proposed vs. Prior Quarter)

For the three-month period commencing January 1, 2023, the composite ECAF applied to actual billing of customers will be $0.10269 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, and D as Attachment B. This decrease of $0.00335 per kWh will result in a decrease of $1.00 per month for the median residential customer.

Schd.	Energy Cost Adjustment Factors ($/kWh)	Proposed Jan - Mar 2023	Prior Quarter Oct - Dec 2022	Variance
A.1	Ordinance No. 168436, as amended			
	Capped Energy Cost Adjustment Factor	$0.05690	$0.05690	$0.00000
	Incremental Ordinance No. 184133			
A.2	Variable Energy Adjustment Factor	$0.00658	$0.01152	($0.00494)
A.3	Capped RPS Energy Adjustment Factor	$0.01035	$0.01017	$0.00018
A.4	Variable RPS Energy Adjustment Factor	$0.02886	$0.02745	$0.00141
A.4	Composite Energy Cost Adjustment Factor	$0.10269	$0.10604	($0.00335)

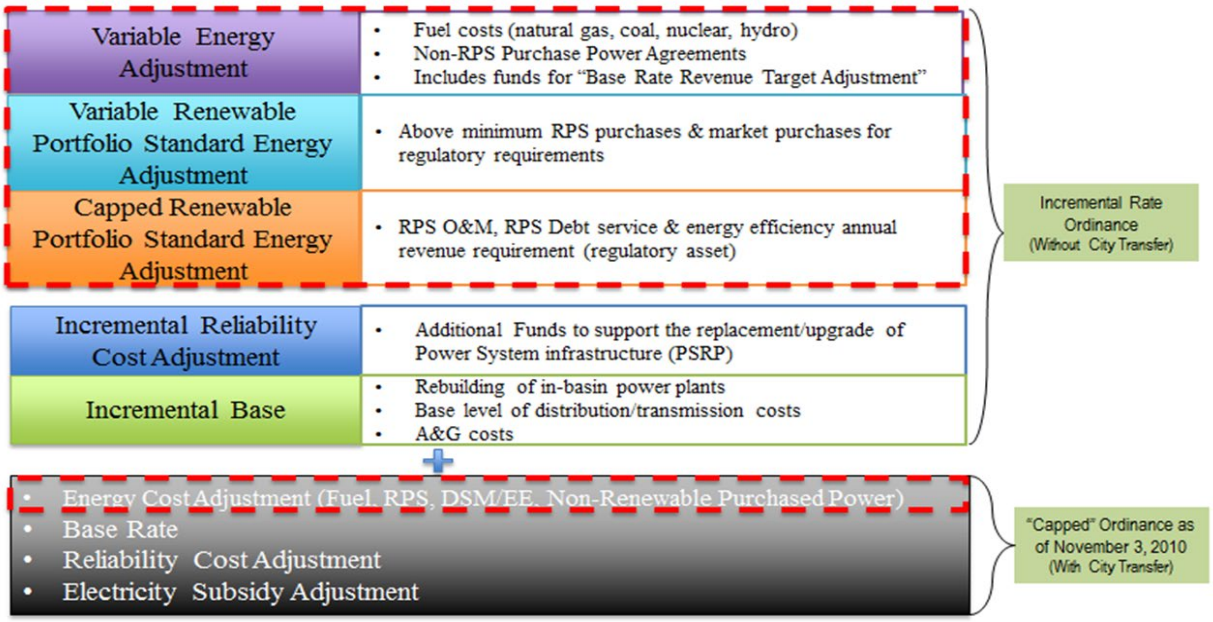
The following chart shows the trend of the historic/projected ECA-related charges in a residential customer median bill (300 kWh).



BACKGROUND

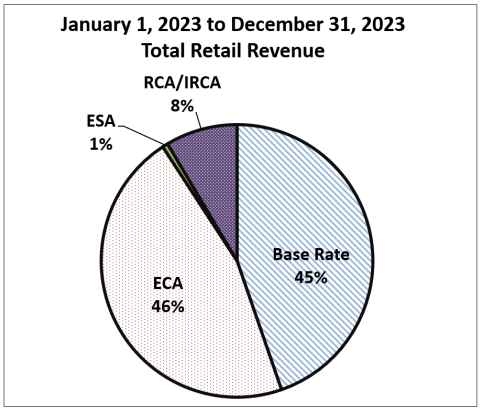
Overview of Electric Rates and ECAF Charges

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 46 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 January 1, 2023, is required for inclusion of those expenditures in the calculation of the quarterly ECA to be effective January 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 Energy Cost Adjustment 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, and D

RESOLUTION NO. 023 085

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 (ECAF); 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 $271 million and non-renewable purchased power expense totaling $550 million on Schedule B, estimated RPS expense totaling $945 million on Schedule C, and estimated DSM expense totaling $122 million on Schedule D for the 12-month period commencing January 1, 2023, through December 31, 2023, 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 NOV 0 8 2022

Secretary

APPROVED AS TO FORM AND LEGALITY
MICHAEL N. FEUER, CITY ATTORNEY

OCT 1 2 2022

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
3rd Quarter of FY 2022-2023

ECAF Calculations for the

Capped Energy Cost Adjustment Factor (CECAF)

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

(a)	Non-Renewable Fuel Expense	$ 270,893,000
(b)	Non-Renewable Purchased Power Expense	550,163,000
(c)	Renewable Portfolio Standard Expense (Purchase & Ownership)	944,663,994
(d)	Demand Side Management (DSM) O&M Expense	0
	DSM Capitalized Debt Service (Includes PY Debt Service)	122,327,478
(e)	Energy Efficiency Savings	111,647,930
(f)	City Transfer (8%)	159,975,632
	Total Estimated Expenses, plus City Transfer	**$ 2,159,671,034**
(g)	Estimated Balance in the ECA Account as of August 31, 2022	3,460,190,115
	Grand Total	**$ 5,619,861,149**
(h)	**Estimated Retail Energy Sales (kWh)** (Less: Sales to Other City Departments under Schedules LS-1 and TC)	**20,675,647,857**
	Energy Cost Adjustment Factor per kWh to be Sold	**$ 0.27181**
(i)	Less: Energy Cost Adjustment Factor to be Billed as Base Rate (Ordinance No. 168436, as amended, General Provisions G.2.(i))	(0.01250)
	Calculated Net Energy Cost Adjustment Factor per kWh to be Sold **(Per Ordinance No. 168436, as Amended)**	**$ 0.25931**
	Existing ECAF as of December 31, 2022	**$ 0.09690**
	Quarterly Adjustment Limit	0.00100
	Energy Cost Adjustment Factor per kWh **(Per Ordinance No. 168436, as Amended)**	**$ 0.09790**
	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
3rd Quarter of FY 2022-2023

Incremental Ordinance No. 184133

1. Variable Energy Adjustment Factor (VEAF)

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

(a)	Non-Renewable Fuel Expense	$ 270,893,000
(b)	Non-Renewable Purchased Power Expense	550,163,000
(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%)	68,056,822
(f)	Estimated Balance in the VEA Account as of August 31, 2022	(5,500,048)
	Grand Total	**$ 913,267,050**
(g)	**Estimated Retail Energy Sales (kWh)** (Less: Sales to Other City Departments under Schedules LS-1 and TC)	**20,675,647,857**
	Variable Energy Adjustment Factor per kWh	**$ 0.04417**
(h)	Less: Funding by Capped ECAF and Base Rate Contribution Factor	(0.05256)
	Subtotal	**(0.00839)**
(i)	Less: City Transfer (8%) from VEAF per kWh	0.00067
	Variable Energy Adjustment Factor	**$ (0.00772)**
(j)	**Base Rate Revenue Target Adjustment Factor** [$339,325,591 / 20,675,647,857 kWh]	0.01641
	Calculated Variable Energy Adjustment Factor per kWh	**$ 0.00869**
(k)	Less: City Transfer (8%) from Base Rates per kWh	(0.00211)
(l)	**Variable Energy Adjustment Factor per kWh Billed to Customer**	**$ 0.00658**

Schedule A

Energy Cost Adjustment Factors
(Capped and Incremental)
Calculation Summary Sheet
3rd Quarter of FY 2022-2023

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

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

(a)	Depreciation Expense (Directly-Owned RPS)	$	78,809,347
	Interest Expense (Directly-Owned RPS)		83,545,097
	Operating and Maintenance Expense (Directly-Owned RPS)		56,995,550
(b)	Renewable PPAs (Fixed Portion of Indirectly-Owned RPS)		83,475,000
(c)	Energy Efficiency Capitalized Debt Service		122,327,478
(d)	City Transfer (8%)		34,012,198
(e)	Estimated Balance in the CRPSEA Account as of August 31, 2022		(24,070,431)
	Grand Total	**$**	**435,094,238**
(f)	**Estimated Retail Energy Sales (kWh)** (Less: Sales to Other City Departments under Schedules LS-1 and TC)		**20,675,647,857**
	Capped RPS Energy Adjustment Factor per kWh	**$**	**0.02104**
(g)	Less: Funding by Capped ECAF and Base Rate Contribution Factor		(0.00979)
(h)	**Calculated Capped RPS Energy Adjustment Factor**	**$**	**0.01125**
(i)	Less: City Transfer (8%) from CRPSEAF per kWh	$	(0.00090)
(j)	**Capped RPS Energy Adjustment Factor per kWh Billed to Customer**	**$**	**0.01035**

Schedule A

Energy Cost Adjustment Factors
(Capped and Incremental)
Calculation Summary Sheet
3rd Quarter of FY 2022-2023

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

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

(a)	Renewable PPAs (Variable Portion of Indirectly and Non-Owned RPS)	$	641,839,000
(b)	City Transfer (8%)		51,347,120
(c)	Estimated Balance in the VRPSEA Account as of August 31, 2022		98,319,205
	Grand Total	**$**	**791,505,325**
(d)	**Estimated Retail Energy Sales (kWh)** (Less: Sales to Other City Departments under Schedules LS-1 and TC)		**20,675,647,857**
	Variable RPS Energy Adjustment Factor per kWh	**$**	**0.03828**
(e)	Less: Funding by Capped ECAF and Base Rate Contribution Factor		(0.00691)
(f)	**Calculated Variable RPS Energy Adjustment Factor**	**$**	**0.03137**
(g)	Less: City Transfer (8%) from VRPSEAF per kWh		(0.00251)
(h)	**Variable RPS Energy Adjustment Factor per kWh Billed to Customer**	**$**	**0.02886**

Factors Summary		
Capped Energy Cost Adjustment Factor (CECAF)	$	0.05690
Variable Energy Adjustment Factor (VEAF)	$	0.00658
Capped RPS Energy Adjustment Factor (CRPSEAF)	$	0.01035
Variable RPS Energy Adjustment Factor (VRPSEAF)	$	0.02886
Total	**$**	**0.10269**

Schedule B

RETAIL CUSTOMER
FUEL AND PURCHASED POWER EXPENSE BUDGET
January 2023 - December 2023

Ordinance No. 168436, As Amended

ENERGY EXPENSES FOR CECAF		**Total Expense**
Non-Renewable Fuel Expense		
Natural Gas	$ 240,112,000	
Gas MTM (09/15/22)	(66,219,000)	
Transportation	58,224,000	
Nuclear (PV)	10,300,000	
Other Fuel Items	5,016,000	
Emissions Expense	23,460,000	
Total Non-Renewable Fuel Expense		**$ 270,893,000**
Non-Renewable Purchased Power		
Palo Verde (SCPPA)	$ 51,693,000	
Economy Purchases	8,761,000	
Roseburg Capacity Agreement	1,296,000	
Intermountain	242,310,000	
Apex	126,334,000	
Hoover	18,633,000	
Cogeneration	924,000	
Non-RPS Transmission	100,212,000	
Total Non-Renewables Purchased Power		**$ 550,163,000**
Renewable Purchased Power		
Water System Hydros	$ 10,908,000	
RPS Geothermal	177,417,000	
RPS Wind	233,958,000	
RPS Solar Rooftop	86,669,000	
RPS Hydro	3,505,000	
RPS Biomass	3,561,000	
RPS Solar Central	204,106,000	
RPS REC	1,799,000	
RPS Transmission	3,391,000	
Total Renewable Expense		**$ 725,314,000**
TOTAL ENERGY EXPENSES FOR CECAF		**$ 1,546,370,000**

Incremental Ordinance No. 184133

ENERGY EXPENSES FOR CRPSEAF		**Total Expense**
Fixed RPS Purchased Power		
RPS Wind	$ 80,084,000	
RPS Transmission	3,391,000	
TOTAL ENERGY EXPENSES FOR CRPSEAF (FIXED PORTION OF INDIRECTLY-OWNED RPS)		**$ 83,475,000**

Schedule B

RETAIL CUSTOMER
FUEL AND PURCHASED POWER EXPENSE BUDGET
January 2023 - December 2023

Incremental Ordinance No. 184133

ENERGY EXPENSES FOR VRPSEAF		**Total Expense**
Variable RPS Purchased Power		
Water System Hydros	$ 10,908,000	
RPS Geothermal	177,417,000	
RPS Wind	153,874,000	
RPS Solar Rooftop	86,669,000	
RPS Hydro	3,505,000	
RPS Biomass	3,561,000	
RPS Solar Central	204,106,000	
RPS REC	1,799,000	
TOTAL ENERGY EXPENSES FOR VRPSEAF (Variable Portion of Indirectly and Non-Owned RPS)		**$ 641,839,000**

Incremental Ordinance No. 184133

ENERGY EXPENSES FOR VEAF		**Total Expense**
Non-Renewable Fuel Expense		
Natural Gas	$ 240,112,000	
Gas MTM (09/15/22)	(66,219,000)	
Transportation	58,224,000	
Nuclear (PV)	10,300,000	
Other Fuel Items	5,016,000	
Emissions Expense	23,460,000	
Total Non-Renewable Fuel Expense		**$ 270,893,000**
Non-Renewable Purchased Power		
Palo Verde (SCPPA)	$ 51,693,000	
Economy Purchases	8,761,000	
Roseburg Capacity Agreement	1,296,000	
Intermountain	242,310,000	
Apex	126,334,000	
Hoover	18,633,000	
Cogeneration	924,000	
Non-RPS Transmission	100,212,000	
Total Non-Renewables Purchased Power		**$ 550,163,000**
TOTAL ENERGY EXPENSES FOR VEAF		**$ 821,056,000**

Schedule C

RENEWABLE PORTFOLIO STANDARD SCHEDULE
January 2023 - December 2023

Projects	Type	kWh	Total Costs
Purchased Power Projects			
ARP Loyalton	Biomass	29,673,000	$ 3,561,000
LADWP Water System	Hydro	273,186,000	10,908,000
MWD Sepulveda	Hydro	33,000,000	3,020,000
North Hollywood	Hydro	5,304,000	485,000
Don Campbell 1	Geothermal	114,094,000	11,295,000
Don Campbell 2	Geothermal	134,833,000	10,955,000
Heber 1	Geothermal	299,040,000	26,551,000
Ormesa	Geothermal	210,030,000	16,225,000
Northern Nevada	Geothermal	1,488,624,000	112,391,000
Feed-in-Tariff	Solar	531,747,000	86,669,000
Springbok 1	Solar	292,552,000	20,069,000
Springbok 2	Solar	405,522,000	23,784,000
Springbok 3	Solar	235,842,000	12,257,000
Beacon	Solar	610,696,000	32,929,000
Moapa	Solar	617,998,000	54,192,000
Re Cinco	Solar	175,723,000	11,568,000
Copper Mountain	Solar	514,957,000	49,307,000
RPS Transmission	Transmission	0	3,391,000
Pebble Springs	Wind	152,000,000	15,056,000
PPM_Wyoming	Wind	205,412,000	12,941,000
Willow Creek	Wind	166,000,000	21,454,000
Linden	Wind	138,997,000	14,511,000
Milford 1	Wind	406,945,000	27,685,000
Milford 2	Wind	205,795,000	15,972,000
Manzana / REC	Wind	63,422,000	1,799,000
Red Cloud	Wind	1,333,874,000	56,690,000
Windy Point	Wind	654,001,000	69,649,000
Subtotal		**9,299,267,000**	**$ 725,314,000**

Projects	Type	kWh	Total Costs	Interest	Depreciation	O&M
Ownership						
LADWP Power System	Hydro	201,818,000	$ 45,168,169	$ 7,703,797	$ 3,907,272	$ 33,557,100
Adelanto	Solar	18,935,000	4,205,314	1,303,959	2,673,055	228,300
Pine Tree	Solar	16,510,000	4,709,841	1,697,450	2,832,941	179,450
Utility Built Solar	Solar	63,901,000	6,977,345	2,621,723	4,355,622	0
Beacon Solar	Solar	0	5,666,115	3,475,439	2,190,676	0
Battery Storage (10 Years)	Solar	0	7,549,675	1,710,839	5,838,836	0
Pine Tree Transmission Connect	Transmission	0	1,843,457	1,809,890	33,567	0
Long-Term Transmission Development	Transmission	0	14,050,446	14,050,446	0	0
Barren Ridge Transmission Development	Transmission	0	27,494,460	21,458,056	6,036,404	0
PP1&2 to Olive Transmission	Transmission	0	2,198,948	2,198,948	0	0
Moapa Transmission	Transmission	0	256,760	172,776	83,984	0
Pine Canyon	Wind	0	621,620	621,620	0	0
Pine Tree	Wind	247,667,000	42,063,949	14,186,290	18,709,809	9,167,850
Miscellaneous RPS Expenses	Various	0	48,357,676	9,413,610	25,081,216	13,862,850
Demand Response Program	-	0	8,186,219	1,120,254	7,065,965	0
Subtotal		**548,831,000**	**$ 219,349,994**	**$ 83,545,097**	**$ 78,809,347**	**$ 56,995,550**
Total		**9,848,098,000**	**$ 944,663,994**			

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Schedule D

DEMAND-SIDE MANAGEMENT PROGRAMS
January 2023 - December 2023

Capital	**Total**
F.I. 28182 Energy Conservation-Power Funded	
Y5003 - Lighting & HVAC Upgrades	$ 7,810,000
Y5014 - Energy Efficiency Programs	120,127,000
Y7718 - Home Energy Improvement Program	18,208,000
Y7720 - Commercial Direct Install Program	3,188,000
Y7721 - LAUSD Energy Efficiency Measures	9,000
DSM Capital Total	**$ 149,342,000**
Amortized Debt Service January 2023 - December 2023	$ 14,274,601
Prior Amortized Debt Service	108,052,877
Amortized Debt Service	**$ 122,327,478**
O&M	**$0**