

2023 POWER SOURCE DISCLOSURE ANNUAL REPORT For the Year Ending December 31, 2023

Retail suppliers are required to use the posted template and are not allowed to make edits to this format. Please complete all requested information.

GENERAL INSTRUCTIONS

RETAIL SUPPLIER NAME	
	City of Lompoc
ELECTRICITY PORTFOLIO NAME	
	Standard Rate
CONTACT INFORMATION	
NAME	Brad Wilkie
TITLE	Utility Director
MAILING ADDRESS	100 Civic Center Plaza
CITY, STATE, ZIP	Lompoc, CA 93436
PHONE	(530) 846-5695
EMAIL	b_wilkie@ci.lompoc.ca.us
WEBSITE URL FOR PCL POSTING	www.cityoflompoc.com/pcl

Submit the Annual Report and signed Attestation in PDF format with the Excel version of the Annual Report to PSDprogram@energy.ca.gov. Remember to complete the Retail Supplier Name, Electricity Portfolio Name, and contact information above, and submit separate reports and attestations for each additional portfolio if multiple were offered in the previous year.

NOTE: Information submitted in this report is not automatically held confidential. If your company wishes the information submitted to be considered confidential an authorized representative must submit an application for confidential designation (CEC-13), which can be found on the California Energy Commissions's website at <https://www.energy.ca.gov/about/divisions-and-offices/chief-counsels-office>.

If you have questions, contact Power Source Disclosure (PSD) staff at PSDprogram@energy.ca.gov or (916) 639-0573.

INTRODUCTION

Retail suppliers are required to submit separate Annual Reports for each electricity portfolio offered to California retail consumers in the previous calendar year. Enter the Retail Supplier Name and Electricity Portfolio Name at the top of Schedule 1, Schedule 2, Schedule 3, and the Attestation.

A complete Annual Report includes the following tabs:

PSD Intro
Instructions
Schedule 1 - Procurements and Retail Sales
Schedule 2 - Retired Unbundled Renewable Energy Credits (RECs)
Schedule 3 - Annual Power Content Label Data
GHG Emissions Factors
Asset-Controlling Supplier (ACS) Procurement Calculator
PSD Attestation

INSTRUCTIONS

Schedule 1: Procurements and Retail Sales

Retail suppliers of electricity must complete this schedule by entering information about all power procurements and generation that served the identified electricity portfolio covered in this filing in the prior year. The schedule is divided into sections: directly delivered renewables, firmed-and-shaped imports, specified non-renewables, and procurements from ACSs. Insert additional rows as needed to report all procurements or generation serving the subject product. Provide the annual retail sales for the subject product in the appropriate space. At the bottom of Schedule 1, provide the retail suppliers' other electricity end-uses that are not retail sales, such as transmission and distribution losses. Retail suppliers shall submit a purchase agreement or ownership arrangement documentation substantiating that any eligible firmed-and-shaped product for which it is claiming an exclusion was executed prior to January 1, 2019. **Any retail supplier that offered multiple electricity portfolios in the prior year must submit separate Annual Reports for each portfolio offered.**

Specified Purchases: A Specified Purchase refers to a transaction in which electricity is traceable to specific generating facilities by any auditable contract trail or equivalent, such as a tradable commodity system, that provides commercial verification that the electricity claimed has been sold once and only once to retail consumers. Do not enter data in the grey fields. For specified purchases, include enter following information for each line item:

Facility Name - Provide the name used to identify the facility.

Fuel Type - Provide the resource type (solar, natural gas, etc.) that this facility uses to generate electricity.

Location - Provide the state or province in which the facility is located.

Identification Numbers - Provide all applicable identification numbers from the Western Renewable Energy Generation Information System (WREGIS), the Energy Information Agency (EIA), and the California Renewables Portfolio Standard (RPS).

Gross Megawatt Hours Procured - Provide the quantity of electricity procured in MWh from the generating facility.

Megawatt Hours Resold - Provide the quantity of electricity resold at wholesale.

Unspecified Power: Unspecified Power refers to electricity that is not traceable to specific generation sources by any auditable contract trail or equivalent, or to power purchases from a transaction that expressly transferred energy only and not the RECs associated from a facility. **Do not enter procurements of unspecified power.** The schedule will calculate unspecified power procurements automatically.

Schedule 2: Retired Unbundled RECs

Complete this schedule by entering information about unbundled REC retirements in the previous calendar year.

Schedule 3: Annual Power Content Label Data

This schedule is provided as an automated worksheet that uses the information from Schedule 1 to calculate the power content and GHG emissions intensity for each electricity portfolio. The percentages calculated on this worksheet should be used for your Power Content Label.

ACS Resource Mix Calculator

Retail suppliers may report specified purchases from ACS system power if the ACS provided its fuel mix of its specified system mix to the Energy Commission. Use the calculator to determine the resource-specific procurement quantities, and transfer them to Schedule 1.

GHG Emissions Factors

This tab will be displayed for informational purposes only; it will not be used by reporting entities, since the emissions factors below auto-populate in the relevant fields on Schedules 1 & 3.

Attestation

This template provides the attestation that must be submitted with the Annual Report to the Energy Commission, stating that the information contained in the applicable schedules is correct and that the power has been sold once and only once to retail consumers. This attestation must be included in the package that is transmitted to the Energy Commission. Please provide the complete Annual Report in Excel format and the complete Annual Report with signed attestation in PDF format as well.

2023 POWER SOURCE DISCLOSURE ANNUAL REPORT
SCHEDULE 1: PROCUREMENTS AND RETAIL SALES
For the Year Ending December 31, 2023
City of Lompoc
Standard Rate

Instructions: Enter information about power procurements underlying this electricity portfolio for which your company is filing the Annual Report. Insert additional rows as needed. All fields in white should be filled out. **Fields in grey auto-populate as needed and should not be filled out.** For EIA IDs for unspecified power or specified system mixes from asset-controlling suppliers, enter "Unspecified Power", "BPA", or "Tacoma Power" as applicable. For specified procurements of ACS power, use the ACS Procurement Calculator to calculate the resource breakdown comprising the ACS system mix. **Procurements of unspecified power must not be entered as line items below; unspecified power will be calculated automatically in cell N9.** Unbundled RECs must not be entered on Schedule 1; these products must be entered on Schedule 2. At the bottom portion of the schedule, provide the other electricity end-uses that are not retail sales including, but not limited to transmission and distribution losses or municipal street lighting. Amounts should be in megawatt-hours.

Retail Sales (MWh)	120,932
Net Specified Procurement (MWh)	85,381
Unspecified Power (MWh)	35,551
Procurement to be adjusted	-
Net Specified Natural Gas	22,956
Net Specified Coal & Other Fossil Fuels	-
Net Specified Nuclear, Large Hydro, Renewables, and ACS Power	62,424
GHG Emissions (excludes grandfathered emissions)	25,698
GHG Emissions Intensity (in MT CO ₂ e/MWh)	0.2125

DIRECTLY DELIVERED RENEWABLES

Facility Name	Fuel Type	State or Province	WREGIS ID	RPS ID	N/A	EIA ID	Gross MWh Procured	MWh Resold	Net MWh Procured	Adjusted Net MWh Procured	GHG Emissions Factor (in MT CO ₂ e/MWh)	GHG Emissions (in MT CO ₂ e)	N/A
SFWPA KELLY RIDGE	Eligible hydro	CA	W761	60266		418	1337		1,337	1,337	-	-	
GEOTHERMAL 2_UNIT 4	Geothermal	CA	W1257	60911		7369	7,268		7,268	7,268	0.0890	647	
GEOTHERMAL 1_UNIT 2	Geothermal	CA	W1255	60908		7368	10,046		10,046	10,046	0.0537	539	
GEOTHERMAL 1_UNIT 1	Geothermal	CA	W1254	60908		7368	1,703		1,703	1,703	0.0537	91	
NEW SPICER MEADOWS	Eligible hydro	CA	W1260	61580		54554	684		684	684	-	-	
SFWPA SLY CREEK	Eligible hydro	CA	W701	60267		776	737		737	737	-	-	
GEO OSL	Geothermal	CA	W4883	60908		7368	471		471	471	0.0537	25	
GEO SOLAR 2 - MIDDLETOWN	Solar	CA	W2792	62041		P218	24		24	24	-	-	
GEO SOLAR 1 - CLEARLAKE	Solar	CA	W1509	62040		P217	37		37	37	-	-	
WAPA - LEWISTON	Eligible hydro	CA	W1108	61044		977	6		6	6	-	-	
WAPA - NIMBUS	Eligible hydro	CA	W1161	61045		444	271		271	271	-	-	
WAPA - STAMPEDE	Eligible hydro	CA	W1177	61046		7066	10		10	10	-	-	

FIRMED-AND-SHAPED IMPORTS

Facility Name	Fuel Type	State or Province	WREGIS ID	RPS ID	EIA ID of REC Source	EIA ID of Substitute Power	Gross MWh Procured	MWh Resold	Net MWh Procured	Adjusted Net MWh Procured	GHG Emissions Factor (in MT CO ₂ e/MWh)	GHG Emissions (in MT CO ₂ e)	Eligible for Grandfathered Emissions?
									-	-	#N/A		
									-	-	#N/A		
									-	-	#N/A		
									-	-	#N/A		
									-	-	#N/A		

SPECIFIED NON-RENEWABLE PROCUREMENTS

Facility Name	Fuel Type	State or Province	N/A	N/A	N/A	EIA ID	Gross MWh Procured	MWh Resold	Net MWh Procured	Adjusted Net MWh Procured	GHG Emissions Factor (in MT CO ₂ e/MWh)	GHG Emissions (in MT CO ₂ e)	N/A
WAPA - FOLSOM	Large hydro	CA				441	1,767		1,767	1,767	-	-	
WAPA - GIANELLI	Large hydro	CA				448	191		191	191	-	-	
WAPA - J.F. CARR	Large hydro	CA				442	280		280	280	-	-	
WAPA - KESWICK	Large hydro	CA				443	753		753	753	-	-	
WAPA - NEW MELONES	Large hydro	CA				6158	1,247		1,247	1,247	-	-	
WAPA - O'NEILL	Large hydro	CA				446	2		2	2	-	-	
WAPA - SHASTA	Large hydro	CA				445	4,178		4,178	4,178	-	-	
WAPA - SPRING CREEK	Large hydro	CA				450	321		321	321	-	-	
WAPA - TRINITY	Large hydro	CA				451	503		503	503	-	-	
ALMEDA CT UNIT 1	Natural gas	CA				7450	134		134	134	0.8444	113	
ALMEDA CT UNIT 2	Natural gas	CA				7450	111		111	111	0.8444	94	
SFWPA FOBESTOWN	Large hydro	CA				417	3,190		3,190	3,190	-	-	
LODI CITI UNIT	Natural gas	CA				7451	32		32	32	0.8657	28	
LODI ENERGY CENTER	Natural gas	CA				57978	22,642		22,642	22,642	0.3944	8,930	
LODI STIG	Natural gas	CA				7449	38		38	38	0.3944	15	
SFWPA WOODLEAF	Large hydro	CA				419	4,764		4,764	4,764	-	-	
COLLIERVILLE	Large hydro	CA				54555	22634		22,634	22,634	-	-	

PROCUREMENTS FROM ASSET-CONTROLLING SUPPLIERS

2023 POWER SOURCE DISCLOSURE ANNUAL REPORT
SCHEDULE 3: POWER CONTENT LABEL DATA
For the Year Ending December 31, 2023
City of Lompoc
Standard Rate

Instructions: No data input is needed on this schedule. Retail suppliers should use these auto-populated calculations to fill out their Power Content Labels.

	Adjusted Net Procured (MWh)	Percent of Total Retail Sales
Renewable Procurements	22,594	18.7%
Biomass & Biowaste	-	0.0%
Geothermal	19,488	16.1%
Eligible Hydroelectric	3,045	2.5%
Solar	61	0.1%
Wind	-	0.0%
Coal	-	0.0%
Large Hydroelectric	39,830	32.9%
Natural gas	22,956	19.0%
Nuclear	-	0.0%
Other	-	0.0%
Unspecified Power	35,551	29.4%
Total	120,932	100.0%

Total Retail Sales (MWh)	120,932
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GHG Emissions Intensity (converted to lbs CO₂e/MWh)	468
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Percentage of Retail Sales Covered by Retired Unbundled RECs	0.0%
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ASSET CONTROLLING SUPPLIER RESOURCE MIX CALCULATOR

Instructions: Enter total net specified procurement of ACS system resources into cell A8 or A23.
In Column E, the calculator will determine quantities of resource-specific net procurement for entry on Schedule 1.

Bonneville Power Administration				
Net MWh Procured	N/A	Resource Type	Resource Mix Factors	Resource-Specific Procurements from ACS
		Biomass & biowaste		-
		Geothermal		-
		Eligible hydroelectric		-
		Solar		-
		Wind		-
		Coal		-
		Large hydroelectric	0.84	-
		Natural gas		-
		Nuclear	0.11	-
		Other	0.01	-
		Unspecified Power	0.05	-

Tacoma Power				
Net MWh Procured	N/A	Resource Type	Resource Mix Factors	Resource-Specific Procurements from ACS
		Biomass & biowaste		-
		Geothermal		-
		Eligible hydroelectric		-
		Solar		-
		Wind		-
		Coal		-
		Large hydroelectric	0.89	-
		Natural gas		-
		Nuclear	0.06	-
		Other		-
		Unspecified Power	0.05	-

**2023 POWER SOURCE DISCLOSURE ANNUAL REPORT
ATTESTATION FORM
For the Year Ending December 31, 2023
City of Lompoc
Standard Rate**

I, Brad Wilkie, Utility Director, declare under penalty of perjury, that the information provided in this report is true and correct and that I, as an authorized agent of City of Lompoc, have authority to submit this report on the retail supplier's behalf. I further declare that all of the electricity claimed as specified purchases as shown in this report was sold once and only once to retail customers.

Name: Brad Wilkie
Representing City of Lompoc

Signature: Brad Wilkie

Dated: May 30, 2024

Executed at: 100 Civic Center Plaza, Lompoc CA 93436