

## 2021 POWER SOURCE DISCLOSURE ANNUAL REPORT For the Year Ending December 31, 2021

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
CONTACT INFORMATION	
NAME	Charles J. Berry
TITLE	Utility Director
MAILING ADDRESS	100 Civic Center Plaza
CITY, STATE, ZIP	Lompoc, CA 93436
PHONE	805-875-8299
EMAIL	<a href="mailto:c_berry@ci.lompoc.ca.us">c_berry@ci.lompoc.ca.us</a>
WEBSITE URL FOR PCL POSTING	<a href="http://www.cityoflompoc.com/pcl">www.cityoflompoc.com/pcl</a>

Submit the Annual Report and signed Attestation in PDF format with the Excel version of the Annual Report to [PSDprogram@energy.ca.gov](mailto: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](mailto:PSDprogram@energy.ca.gov) or (916) 805-7439.

## 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.

**2021 POWER SOURCE DISCLOSURE ANNUAL REPORT**  
**SCHEDULE 1: PROCUREMENTS AND RETAIL SALES**  
**For the Year Ending December 31, 2021**  
**City of Lompoc**  
**Standard**

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)	116,026
Net Specified Procurement (MWh)	76,547
Unspecified Power (MWh)	39,479
Procurement to be adjusted	-
Net Specified Natural Gas	36,584
Net Specified Coal & Other Fossil Fuels	-
Net Specified Nuclear, Large Hydro, Renewables, and ACS Power	39,963
GHG Emissions (excludes grandfathered emissions)	33,281
GHG Emissions Intensity (in MT CO <sub>2</sub> e/MWh)	0.2868

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 <sub>2</sub> e/MWh)	GHG Emissions (in MT CO <sub>2</sub> e)	N/A
Geo OSL	Geothermal	CA	W4883	60908		7368	335		335	335	0.0450	15	
Geo Solar 1 - Clearlake	Solar	CA	W1509	62040		P217	45		45	45	-	-	
Geo Solar 2 - Middletown	Solar	CA	W2792	62041		P218	62		62	62	-	-	
Geothermal 1_Unit 1	Geothermal	CA	W1254	60908		7368	8,700		8,700	8,700	0.0450	391	
Geothermal 1_Unit 2	Geothermal	CA	W1255	60908		7368	9,104		9,104	9,104	0.0450	409	
Geothermal 2_Unit 4	Geothermal	CA	W1257	60911		7369	11,130		11,130	11,130	0.0812	904	
Kelly Ridge	Eligible hydro	CA	W761	60266		418	60		60	60	-	-	
Sly Creek	Eligible hydro	CA	W701	60267		776	3		3	3	-	-	
Spicer 1_Units - Spice	Eligible hydro	CA	W1260	61580		54554	167		167	167	-	-	
WAPA - Lewiston	Eligible hydro	CA	W1108	61044		977	8		8	8	-	-	
WAPA - Nimbus	Eligible hydro	CA	W1161	61045		444	87		87	87	-	-	
WAPA - Stampede	Eligible hydro	CA	W1177	61046		7066	13		13	13	-	-	
									-	-	#N/A		
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 <sub>2</sub> e/MWh)	GHG Emissions (in MT CO <sub>2</sub> e)	Eligible for Grandfathered Emissions?
									-	-	#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 <sub>2</sub> e/MWh)	GHG Emissions (in MT CO <sub>2</sub> e)	N/A
Alameda #1 Natural Gas	Natural gas	CA				7450	177		177	177	0.8998	159	
Alameda #2 Natural Gas	Natural gas	CA				7450	154		154	154	0.8998	139	
Collierville	Large hydro	CA				54555	4,499		4,499	4,499	-	-	
Forbestown	Large hydro	CA				417	71		71	71	-	-	
Lodi CT #1 Natural Gas	Natural gas	CA				7451	222		222	222	0.8706	193	
Lodi CT #2 NG (STIG)	Natural gas	CA				7449	869		869	869	0.3934	342	
Lodi Energy Center	Natural gas	CA				57978	35,123		35,123	35,123	0.3934	13,816	
WAPA - Folsom	Large hydro	CA				441	269		269	269	-	-	
WAPA - Gianelli	Large hydro	CA				448	167		167	167	-	-	
WAPA - Judge F Carr	Large hydro	CA				442	723		723	723	-	-	
WAPA - Keswick	Large hydro	CA				443	555		555	555	-	-	
WAPA - New Melones	Large hydro	CA				6158	837		837	837	-	-	
WAPA - O'Neill	Large hydro	CA				446	20		20	20	-	-	
WAPA - Shasta	Large hydro	CA				445	1,815		1,815	1,815	-	-	
WAPA - Spring Creek	Large hydro	CA				450	578		578	578	-	-	
WAPA - Trinity	Large hydro	CA				451	531		531	531	-	-	
Woodleaf	Large hydro	CA				419	49		49	49	-	-	
BOUNDARY	Large hydro	WA				6433	122		122	122	-	-	
CHELAN COUNTY PUD	Large hydro	WA				6200	6		6	6	-	-	
KLAMATH FALLS	Natural gas	OR				55103	39		39	39	0.4076	16	





**2021 POWER SOURCE DISCLOSURE ANNUAL REPORT**  
**SCHEDULE 3: POWER CONTENT LABEL DATA**  
**For the Year Ending December 31, 2021**  
**CITY OF LOMPOC**  
**STANDARD**

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

	<b>Adjusted Net Procured (MWh)</b>	<b>Percent of Total Retail Sales</b>
<b>Renewable Procurements</b>	29,714	25.6%
Biomass & Biowaste	-	0.0%
Geothermal	29,269	25.2%
Eligible Hydroelectric	338	0.3%
Solar	107	0.1%
Wind	-	0.0%
Coal	-	0.0%
Large Hydroelectric	10,248	8.8%
Natural gas	36,584	31.5%
Nuclear	1	0.0%
Other	-	0.0%
Unspecified Power	39,479	34.0%
<b>Total</b>	<b>116,026</b>	<b>100.0%</b>

<b>Total Retail Sales (MWh)</b>	<b>116,026</b>
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<b>GHG Emissions Intensity (converted to lbs CO<sub>2</sub>e/MWh)</b>	<b>632</b>
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<b>Percentage of Retail Sales Covered by Retired Unbundled RECs</b>	<b>0.0%</b>
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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
7		Biomass & biowaste		-
		Geothermal		-
		Eligible hydroelectric		-
		Solar	0.00	0
		Wind		-
		Coal		-
		Large hydroelectric	0.82	6
		Natural gas		-
		Nuclear	0.11	1
		Other	0.01	0
		Unspecified Power	0.05	0

		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	0.86	-
		Natural gas		-
		Nuclear	0.07	-
		Other		-
		Unspecified Power	0.08	-



**2021 POWER SOURCE DISCLOSURE ANNUAL REPORT  
ATTESTATION FORM  
For the Year Ending December 31, 2021  
City of Lompoc  
Standard**

I, Charles J. Berry, Utility Director, declare under penalty of perjury, that the statements contained in this report including Schedules 1, 2, and 3 are true and correct and that I, as an authorized agent of City of Lompoc, have authority to submit this report on the company's behalf. I further declare that the megawatt-hours claimed as specified purchases as shown in these Schedules were, to the best of my knowledge, sold once and only once to retail customers.

Name: Charles J. Berry

Representing: City of Lompoc

Signature: Jennifer Main for Charles J. Berry

Dated: 7/6/22

Executed at: 100 Civic Center Plaza, Lompoc, California