

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 Riverside, Riverside Public Utilities	
ELECTRICITY PORTFOLIO NAME	
RPU General Power Mix	
CONTACT INFORMATION	
NAME	Scott M. Lesch
TITLE	Public Utilities Assistant General Manager
MAILING ADDRESS	3435 14th Street
CITY, STATE, ZIP	Riverside, CA 92501
PHONE	951-826-8510
EMAIL	SLesch@RiversideCA.gov
WEBSITE URL FOR PCL POSTING	www.RiversidePublicUtilities.com/PowerResources

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 Riverside, Riverside Public Utilities
 RPU General Power Mix

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 unspcified 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 unspcified power must not be entered as line items below; unspcified 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.

Net Specified Procurement (MWh)	2,014,304
Unspecified Power (MWh)	1,452,721
Procurement to be adjusted	561,583
Net Specified Natural Gas	66,591
Net Specified Coal & Other Fossil Fuels	328,235
Net Specified Nuclear, Large Hydro, Renewables, and ACS Power	1,057,895
GHG Emissions (excludes grandfathered emissions)	638,384
GHG Emissions Intensity (in MT CO ₂ e/MWh)	0.3169

DIRECTLY DELIVERED RENEWABLES

Facility Name	Fuel Type	State or Province	WREGIS ID	RPS ID	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
CalEnergy Portfolio (Elmore)	Geothermal	CA	W454	60310	N/A	137,040		137,040	137,040	0.0178	2,439	
CalEnergy Portfolio (Salton Sea Unit 1)	Geothermal	CA	W461	60323	10878	224		224	224	0.0768	17	
CalEnergy Portfolio (Salton Sea Unit 3)	Geothermal	CA	W455	60317	10759	319,558		319,558	319,558	0.0768	24,542	
CalEnergy Portfolio (Salton Sea Unit 5)	Geothermal	CA	W1372	60773	55983	164,779		164,779	164,779	0.0768	12,655	
CalEnergy Portfolio (Vulcan)	Geothermal	CA	W452	60308	50210	8,885		8,885	8,885	0.0732	650	
Coso Geothermal - Finance Partners (Navy 1, Unit 1)	Geothermal	CA	W453	60309	10873	21,459		21,459	21,459	0.1400	3,004	
Coso Geothermal - Finance Partners (Navy 1, Unit 2)	Geothermal	CA	W746	60309	10873	17,194		17,194	17,194	0.1400	2,407	
Coso Geothermal - Finance Partners (Navy 1, Unit 3)	Geothermal	CA	W747	60309	10873	6,563		6,563	6,563	0.1400	919	
Coso Geothermal - Energy Developers (BLM East, Units 7-8)	Geothermal	CA	W460	60322	10875	34,644		34,644	34,644	0.3160	10,948	
Coso Geothermal - Energy Developers (BLM West, Unit 9)	Geothermal	CA	W748	60322	10875	2,172		2,172	2,172	0.3160	686	
Columbia Two	Solar	CA	W4191	60862	58990	25,433		25,433	25,433	-	-	
AP North Lake	Solar	CA	W4690	61846	59610	27,862		27,862	27,862	-	-	
Kingbird B	Solar	CA	W4795	62424	38091	38,908		38,908	38,908	-	-	
Summer Solar	Solar	CA	W4957	61501	60280	20,435		20,435	20,435	-	-	
Antelope Big Sky Ranch	Solar	CA	W5027	61481	60279	22,878		22,878	22,878	-	-	
DSRT	Solar	CA	W5083	63125	60186	53,325		53,325	53,325	-	-	
Tequesquite	Solar	CA	W4714	62743	60035	11,959		11,959	11,959	-	-	
Calabazon	Wind	CA	W492	60368	50352	5,031		5,031	5,031	-	-	
Wintec	Wind	CA	W922	60650	50276	2,819		2,819	2,819	-	-	
WKN (Wagner Wind)	Wind	CA	W9255	61179	59233	13,838		13,838	13,838	-	-	

FIRMED-AND-SHIPPED IMPORTS

Facility Name	Fuel Type	State or Province	WREGIS ID	RPS ID	EIA ID of REC Source	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		

SPECIFIED NON-RENEWABLE PROCUREMENTS

Facility Name	Fuel Type	State or Province	WREGIS ID	RPS ID	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)
Intermountain Power Project	Coal	Utah	N/A	N/A	6481	328,235		328,235	328,235	0.9202	302,042
Hoover	Large hydro	Nevada	N/A	N/A	154	22,188		22,188	22,188	-	-
Cleanwater	Natural gas	CA	N/A	N/A	56356	13,158		13,158	13,158	0.4699	6,183
Riverside Energy Resource Center	Natural gas	CA	N/A	N/A	56143	52,644		52,644	52,644	0.5878	30,944
Springs	Natural gas	CA	N/A	N/A	56144	789		789	789	0.7471	589
Palo Verde	Nuclear	Arizona	N/A	N/A	6008	100,701		100,701	100,701	-	-

PROCUREMENTS FROM ASSET-CONTROLLING SUPPLIERS

Facility Name	Fuel Type	State or Province	WREGIS ID	RPS ID	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	
										#N/A	

END USES OTHER THAN RETAIL SALES
 Internal Consumption 23,707.795 MWh

2023 POWER SOURCE DISCLOSURE ANNUAL REPORT
SCHEDULE 3: POWER CONTENT LABEL DATA
For the Year Ending December 31, 2023
City of Riverside, Riverside Public Utilities
RPU General Power Mix

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	935,006	46.4%
Biomass & Biowaste	-	0.0%
Geothermal	712,518	35.4%
Eligible Hydroelectric	-	0.0%
Solar	200,800	10.0%
Wind	21,688	1.1%
Coal	328,235	16.3%
Large Hydroelectric	22,188	1.1%
Natural gas	66,591	3.3%
Nuclear	100,701	5.0%
Other	-	0.0%
Unspecified Power	561,583	27.9%
Total	2,014,304	100.0%

Total Retail Sales (MWh)	2,014,304
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GHG Emissions Intensity (converted to lbs CO₂e/MWh)	699
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Percentage of Retail Sales Covered by Retired Unbundled RECs	0.0%
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**2023 POWER SOURCE DISCLOSURE ANNUAL REPORT
ATTESTATION FORM**

**For the Year Ending December 31, 2023
City of Riverside, Riverside Public Utilities
RPU General Power Mix**

I, Scott M. Lesch, Assistant General Manager, 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 Riverside, Riverside Public Utilities, 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: Scott M. Lesch
Representing (Retail Supplier): City of Riverside, Riverside Public Utilities**

Signature: 

Dated: May 30, 2024

Executed at: Riverside, CA