

DOCKETED

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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	
	Calpine PowerAmerica-CA, LLC
ELECTRICITY PORTFOLIO NAME	
CONTACT INFORMATION	
NAME	Jason Armenta
TITLE	Vice President, Power Trading
MAILING ADDRESS	717 Texas Ave., #1000
CITY, STATE, ZIP	Houston, Texas 77002
PHONE	713-830-8362
EMAIL	Jason.Armenta@calpine.com
WEBSITE URL FOR PCL POSTING	https://www.calpine.com/cpa-ca-pcl-2023

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.

**2023 POWER SOURCE DISCLOSURE ANNUAL REPORT
 SCHEDULE 1: PROCUREMENTS AND RETAIL SALES
 For the Year Ending December 31, 2023
 Calpine PowerAmerica-CA, LLC
 (ELECTRICITY PORTFOLIO NAME)**

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)	REDACTED
Net Specified Procurement (MWh)	
Unspecified Power (MWh)	
Procurement to be adjusted	-
Net Specified Natural Gas	-
Net Specified Coal & Other Fossil Fuels	-
Net Specified Nuclear, Large Hydro, Renewables, and ACS Power	REDACTED
GHG Emissions (excludes grandfathered emissions)	442,869
GHG Emissions Intensity (in MT CO ₂ e/MWh)	0.3447

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
Rosamond I - West Solar - Solar Star California XI	Solar	CA	W5216	63166A		58498	REDACTED		REDACTED		-	-	
RE Slate 1 LLC - Stanton - State Stanford	Solar	CA	W12668	64917A		P360					-	-	
Edwards Solar 1B - Sub Project E4 - Edwards San	Solar	CA	W13935	65032C		65675					-	-	
											#N/A		
											#N/A		
											#N/A		
											#N/A		
											#N/A		
											#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 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
											#N/A		
											#N/A		
											#N/A		
											#N/A		
											#N/A		
											#N/A		
											#N/A		
											#N/A		
PROCUREMENTS FROM ASSET-CONTROLLING SUPPLIERS													
Facility Name	Fuel Type	N/A	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
											#N/A		
											#N/A		
											#N/A		
											#N/A		
END USES OTHER THAN RETAIL SALES													
	MWh												

**2023 POWER SOURCE DISCLOSURE ANNUAL REPORT
 SCHEDULE 2: RETIRED UNBUNDLED RECS
 For the Year Ending December 31, 2023
 Calpine PowerAmerica-CA, LLC
 (ELECTRICITY PORTFOLIO NAME)**

INSTRUCTIONS: Enter information about retired unbundled RECs associated with this electricity portfolio. 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.

Total Retired Unbundled RECs	69,833
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RETIRED UNBUNDLED RECS				
Facility Name	Fuel Type	State or Province	RPS ID	Total Retired (in MWh)
Geysers Power Plant - Calpine Geothermal U	Geothermal	CA	60008A	67246
Geysers Power Plant - Calpine Geothermal U	Geothermal	CA	60006A	2587

2023 POWER SOURCE DISCLOSURE ANNUAL REPORT
SCHEDULE 3: POWER CONTENT LABEL DATA
For the Year Ending December 31, 2023
Calpine PowerAmerica-CA, LLC
(ELECTRICITY PORTFOLIO NAME)

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	REDACTED	
Biomass & Biowaste	-	0.0%
Geothermal	-	0.0%
Eligible Hydroelectric	-	0.0%
Solar	REDACTED	
Wind	-	0.0%
Coal	-	0.0%
Large Hydroelectric	-	0.0%
Natural gas	-	0.0%
Nuclear	-	0.0%
Other	-	0.0%
Unspecified Power	REDACTED	
Total	REDACTED	

Total Retail Sales (MWh)	REDACTED
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GHG Emissions Intensity (converted to lbs CO₂e/MWh)	760
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Percentage of Retail Sales Covered by Retired Unbundled RECs	REDACTED
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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
Calpine PowerAmerica-CA, LLC**

I, Jason Armenta, Vice President, Power Trading, declare under penalty of perjury, that the information provided in this report is true and correct and that I, as an authorized agent of Calpine PowerAmerica-CA, LLC 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: Jason Armenta

Representing (Retail Supplier): Calpine PowerAmerica-CA, LLC

Signature: _____ *Jason Armenta* _____

Dated: July 29, 2024

Executed at: Houston, Texas