### 2020 POWER SOURCE DISCLOSURE ANNUAL REPORT For the Year Ending December 31, 2020

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 100% Renewable Energy Mix						
	CONTACT INFORMATION					
NAME	Scott M. Lesch					
	Device Decourses Manager					
TITLE	Power Resources Manager					
MAILING ADDRESS	3435 14th Street					
MAILING ADDILLOO						
CITY, STATE, ZIP	Riverside, CA 92501					
, , , , , , , , , , , , , , , , , , , ,						
PHONE	951-826-8510					
EMAIL	slesch@riversideca.gov					
WEBSITE URL FOR	https://www.riversideca.gov/utilities/about-rpu/rpu-power-					
PCL POSTING	resources.asp					

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

**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.

<u>Unspecified Power</u>: 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.

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#### 2020 POWER SOURCE DISCLOSURE ANNUAL REPORT SCHEDULE 1: PROCUREMENTS AND RETAIL SALES For the Year Ending December 31, 2020 City of Riverside, Riverside Public Utilities RPU 100% Renewable Energy 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 unspecified power or specified system mixes from asset-controlling suppliers, enter "unspecified", "BPA," "Powerex,", or "Tacoma" as applicable. For specified procurements of ACS power, use the ACS Procurement 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) Net Specified Procurement (MWh) Unspecified Power (MWh) Procurement to be adjusted Net Specified Natural Gas Net Specified Coal & Other Fossil Fuels Net Specified Coal & Other Fossil Fuels Net Specified Ruclear, Large Hydro, Renewables, and ACS Power GHG Emissions (excludes grandfathered emissions) GHG Emissions Intensity (in MT CO<sub>2</sub>e/MWh)

					Ľ	DIRECTLY DE	LIVERED RENEWAR	BLES					
		State or					Gross MWh	MWh	Net MWh	Adjusted Net MWh	GHG Emissions Factor (in MT	GHG Emissions (in MT	
Facility Name	Fuel Type	Province	WREGIS ID	RPS ID	N/A	EIA ID	Procured	Resold	Procured	Procured	CO2e/MWh)	CO <sub>2</sub> e)	N/A
CalEnergy Portfolio (Elmore)	Geothermal	CA	W454	60310		10634	89		89		0.0211	2	
AP North Lake	Solar	CA	W4690	61846		59610	27		27	27	-	-	
Tequesquite	Solar	CA	W4714	62743		60035	27		27	27	-	-	
Cabazon	Wind	CA	W492	60368		50552	35		35	35	-	-	
									-	-	#N/A		
									-	-	#N/A		
									-	-	#N/A		
									-	-	#N/A		
									-	-	#N/A		
									-	-	#N/A		
									-	-	#N/A		
							ND-SHAPED IMPOR	ſS					
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 CO2e/MWh)	GHG Emissions (in MT CO₂e)	Eligible for Grandfathered Emissions?
									-	-	#N/A		
									-	-	#N/A		
									-	-	#N/A		
									-	-	#N/A		
									-	-	#N/A		
					SPECI	FIED NON-RE	NEWABLE PROCU	REMENTS					
											GHG Emissions		
		State or					Gross MWh		Net MWh	Adjusted Net MWh	Factor (in MT	GHG Emissions	
Facility Name	Fuel Type	Province	N/A	N/A	N/A	EIA ID	Procured	MWh Resold	Procured	Procured	CO2e/MWh)	(in MT CO <sub>2</sub> e)	N/A
									-	-	#N/A		
									-	-	#N/A		
									-	-	#N/A		
									-	-	#N/A		
									-	-	#N/A		
									-	-	#N/A		
									-	-	#N/A		
									-	-	#N/A		
									-	-	#N/A		
					PROCUREM	ENTS FROM.	ASSET-CONTROLLI	NG SUPPLIERS	1				
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 CO2e/MWh)	GHG Emissions (in MT CO₂e)	N/A
										-	#N/A		
	1									-	#N/A		
	1									-	#N/A		
										-	#N/A		
END USES OTHER THAN RETAIL SALES	MWh												
END OVED OTHER THAR THE OALES													

#### 2020 POWER SOURCE DISCLOSURE ANNUAL REPORT SCHEDULE 2: RETIRED UNBUNDLED RECS For the Year Ending December 31, 2020 (RETAIL SUPPLIER NAME) (ELECTRIC SERVICE PRODUCT 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 Un	bundled RECs	-				
RETIRED UNBUNDLED RECS								
	State or							
Facility Name	Fuel Type	Province	RPS ID	Total Retired (in MWh)				

## 2020 POWER SOURCE DISCLOSURE ANNUAL REPORT SCHEDULE 3: POWER CONTENT LABEL DATA For the Year Ending December 31, 2020 City of Riverside, Riverside Public Utilities RPU 100% Renewable Energy 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	178	100.0%			
Biomass & Biowaste	-	0.0%			
Geothermal	89	50.0%			
Eligible Hydroelectric	-	0.0%			
Solar	54	30.3%			
Wind	35	19.7%			
Coal	-	0.0%			
Large Hydroelectric	-	0.0%			
Natural gas	-	0.0%			
Nuclear	-	0.0%			
Other	-	0.0%			
Unspecified Power	-	0.0%			
Total	178	100.0%			
Total Retail Sales (MWh)		178			
GHG Emissions Intensity (converted to Ibs CO <sub>2</sub> e/MWh)					
Percentage of Retail Sales Cove RECs	0.0%				

### POWER SOURCE DISCLOSURE ANNUAL REPORT ATTESTATION FORM for the year ending December 31, 2020 City of Riverside, Riverside Public Utilities RPU 100% Renewable Energy Mix

I, Scott M. Lesch, Power Resources Manager, 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 Riverside, Riverside Public Utilities, 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: Scott M. Lesch

Representing (Retail Supplier): City of Riverside, Riverside Public Utilities

Signature:

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Dated: May 28, 2021

Executed at: Riverside, CA