DOCKETED	
Docket Number:	20-PSDP-01
Project Title:	Power Source Disclosure Program - 2019
TN #:	233926
Document Title:	UCRegents 2019 PSD Public
Description:	N/A
Filer:	Cynthia Clark
Organization:	University of California Office of the President
Submitter Role:	Applicant
Submission Date:	7/17/2020 3:59:27 PM
Docketed Date:	7/17/2020



ANNUAL REPORT TO THE CALIFORNIA ENERGY COMMISSION: Power Source Disclosure For the Year Ending December 31, 2019

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							
The Regents of the University of California							
ELE	CTRICITY PORTFOLIO NAME						
	CONTACT INFORMATION						
	1						
Name	Cynthia Clark						
	-						
Title	Renewable Energy Manager						
Matter a Address	4444 French Pro 70 Files						
Mailing Address	1111 Franklin - 7th Floor						
City Ctata Zin	Oakland CA 04007						
City, State, Zip	Oakland, CA 94607						
Phone	510-287-3360						
E-mail	cynthia.clark@ucop.edu						
Website URL for PCL Posting	http://www.energy.ca.gov/pcl/labels/						

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) 654-3954.



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
Asset-Controlling Supplier (ACS) Procurement Calculator
PSD Attestation

INSTRUCTIONS

Schedule 1: Procurements and Retail Sales

Retail suppliers of electricty 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.

Any retail supplier that offered multiple electricity portfolios in the prior year must submit separate Annual Reports for each portfolio offered.

<u>Specified Purchases</u>: 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. For specified purchases, include the 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.

Net Megawatt Hours Procured - The Schedule automatically calculates the quantity of electricity procured minus resold electricity.

<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. Unbundled RECs will be automatically displayed on Schedule 3 as a percentage of retail sales.

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, or resource mix, 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.

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.



ANNUAL REPORT TO THE CALIFORNIA ENERGY COMMISSION: Power Source Disclosure SCHEDULE 1: PROCUREMENTS AND RETAIL SALES For the Year Ending December 31, 2019 The Regents of the University of California

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 firmed-and-shaped imports, provide the EIA ID of the substitute power, not the generator ID of the RECs. 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 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 L9. 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 Natural Gas

Net Coal & Other Fossil Fuels

Net Nuclear, Large Hydro & Renewables

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	N/A
Five Points Solar Park	Solar	CA	W5015	62621							
Giffen Solar Park	Solar	CA	W5512	62692							
									-	-	
									-	-	
									-	-	
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			FIRME	D-AND-SHA	PED IMPOR	RTS					



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	Eligible for Grandfathered Emissions?
									-	-	
									-	-	
									-	-	
									-	-	<u> </u>
									-	-	
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									-	-	
		SP	ECIFIED NON	I-RENEWAI	BLE PROCU	REMENTS					
		State or					Gross MWh		Net MWh	Adjusted Net MWh	
Facility Name Lucky Peak	Fuel Type Large hydro	Province ID	N/A	N/A	N/A	EIA ID 10014		MWh Resold	Procured	Procured	N/A
Lucky Peak	Large flydio	טו				10014			-	-	
									-	-	
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		PROCUE	REMENTS FR	OM ASSET	-CONTROLL	ING SUPPLI	ERS				
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	N/A
										-	
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END USES OTHER THAN RETAIL SALES	MWh



ANNUAL REPORT TO THE CALIFORNIA ENERGY COMMISSION: Power Source Disclosure SCHEDULE 2: PRORCUREMENTS AND RETAIL SALES For the Year Ending December 31, 2019 The Regents of the University of California

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 autopopulate as needed and should not be filled out.

									Total Unbu	indled RECs	
				RETIRE	ED UNBUNI	DLED RECS					
		Location									
		(State or				Total Retired					
Facility Name	Fuel Type	Province)	RPS ID	N/A	N/A	(in MWh)	N/A	N/A	N/A	N/A	N/A
Cedar Creek - Cedar Creek	Wind	CO	60822								
Limon Wind - Limon Wind I	Wind	CO	62246								
California PV Energy - California P'	Solar	CA	62519								
California PV Energy - California P		CA	62520								
California PV Energy - Live Oak Ele		CA	62521								
California PV Energy - California P		CA	62522								
California PV Energy - ISD WWTP		CA	62523								
California PV Energy - ISD - Ironho		CA	62524								
Alpine Elementary School North - k		CA	62652								
Antelope Elementary School - Kepp		CA	62654								
Gibson Elementary School South -		CA	62655								
California PV Energy - Alta Loma H		CA	62844								
California PV Energy - Etiwanda Hi		CA	62845								
California PV Energy - Etiwanda Hi		CA	62846								
California PV Energy - Los Osos H		CA	62847								
California PV Energy-Rancho Cuca		CA	62848								
California PV Energy - Chaffey Hig		CA	62849								
California PV Energy-Ontario High		CA	62850								
California PV Energy - Colony High		CA	62851								
California PV Energy - Montclair Hi		CA	62852								
California PV Energy at Coolidge E		CA	63088								
California PV Energy at Education		CA	63089								
California PV Energy at Gabrielino		CA	63090								
California PV Energy - Jefferson M		CA	63091								
California PV Energy - SGUSD - Re		CA	63093								
California PV Energy at Washingto		CA	63094								
Bear Gulch Elementary - Central S		CA	63096								
Coyote Canyon Elementary - Centr		CA	63097								
Central School District - Cucamong		CA	63098								
Dona Merced Elementary North - C	Solar	CA	63100								





Octobro District Bull March Color	IO 4	00404				
Central School District - Ruth Muss Solar	CA	63101				
Cortez Elementary School - Pomon Solar	CA	63103				
Diamond Ranch High School-Pomo Solar	CA	63104				
California PV Energy-Rancho Cuca Solar	CA	63105				
California PV Energy-Ontario High Solar	CA	63106				
Alta Loma School District - Alta Lon Solar	CA	63235				
Alta Loma School District - Alta Lon Solar	CA	63236				
Alta Loma School District - Banyan Solar	CA	63237				
Alta Loma School District - Carnelia Solar	CA	63238				
Alta Loma School District - Deer Ca Solar	CA	63239				
Alta Loma School District - District Solar	CA	63240				
Alta Loma School District - Hermos Solar	CA	63241				
Alta Loma School District - Stork El Solar	CA	63242				
Alta Loma School District - Jasper ESolar	CA	63243				
Alta Loma School District - Victoria Solar	CA	63244				
Alta Loma School District - Vineyard Solar	CA	63245				
Chaffey Joint Unified High School DSolar	CA	63246				
Chaffey Joint Unified High School DSolar	CA	63247				
Chaffey Joint Unified High School DSolar	CA	63248				
Central School District - Central Ele Solar	CA	63269				
Glendora Unified School District - CSolar	CA	63382				
Glendora Unified School District - GSolar	CA	63383				
Claremont Unified School District - Solar	CA	63392				
Claremont Unified School District - Solar	CA	63393				
Claremont Unified School District - Solar	CA	63394				
Claremont Unified School District - Solar	CA	63395				
Claremont Unified School District - Solar	CA	63396				
Claremont Unified School District - Solar	CA	63397				
Claremont Unified School District - Solar	CA	63398				
Claremont Unified School District - Solar	CA	63399				
Claremont Unified School District - Solar	CA	63400				
Claremont Unified School District - Solar	CA	63401				
Claremont Unified School District - Solar	CA	63402				
California PV Energy 2, LLC - Gane Solar	CA	63496				
						



ANNUAL REPORT TO THE CALIFORNIA ENERGY COMMISSION: Power Source SCHEDULE 3: ANNUAL POWER CONTENT LABEL DATA for the year ending December 31, 2019 The Regents of the University of California

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		47.0%
Biomass & Biowaste		0.0%
Geothermal		0.0%
Eligible Hydroelectric		0.0%
Solar		47.0%
Wind		0.0%
Coal		0.0%
Large Hydroelectric		39.4%
Natural gas		0.0%
Nuclear		0.0%
Other		0.0%
Unspecified Power		13.5%
Total		100.0%

Total Retail Sales (MWh)	

Percentage of Retail Sales Covered by Retired Unbundled	12 50/
RECs	13.5%



ASSET CONTROLLING SUPPLIER RESOURCE MIX CALCULATOR

Instructions: Enter total net specified procurement of ACS system resources into cell A8, A23, or A38. In Column E, the calculator will determine quantities of resource-specific net procurement for entry on Schedule 1.

		Powerex		
			Resource Mix	Resource-Specific
Net MWH Procured	N/A	Resource Type	Factors	Procurements from ACS
		Biomass & biowaste		-
		Geothermal		-
		Eligible hydroelectric		-
		Solar		-
		Wind		-
		Coal		-
		Large hydroelectric	0.915	-
		Natural gas	0.013	-
		Nuclear	0.006	-
		Other	0.032	-
		Unspecified Power	0.034	-

Bonneville Power Administration							
			Resource Mix	Resource-Specific			
Net MWH Procured	N/A	Resource Type	Factors	Procurements from ACS			
		Biomass & biowaste		-			
		Geothermal		-			
		Eligible hydroelectric		-			
		Solar		-			
		Wind		-			
		Coal		-			
		Large hydroelectric	0.85	-			
		Natural gas		-			
		Nuclear	0.11	-			
		Other		-			
		Unspecified Power	0.04	-			

		Tacoma Power	Daniel Min	D
Net MWH Procured	N/A	Resource Type	Factors	Resource-Specific Procurements from ACS
		Biomass & biowaste		-
		Geothermal		-
		Eligible hydroelectric		-
		Solar		-
		Wind		-
		Coal		-
		Large hydroelectric	0.896	-
		Natural gas		-
		Nuclear	0.064	-
		Other		-
		Unspecified Power	0.04	-



ANNUAL REPORT TO THE CALIFORNIA ENERGY COMMISSION: Power Source Disclosure ATTESTATION FORM

for the year ending December 31, 2019
The Regents of the University of California

I, Mark Byron, Executive Director Renewable Energy Programs, 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 The Regents of the University of California, in its role as an Electric Service Provider (CPUC#1389), 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: Mark Byron

Representing (Retail Supplier): The Regents of the University of California, in

its role as an Electric Service Provider

Signature: Mark Byn

Dated: July 17, 2020

Executed at: Danille, (A