


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	
City of Glendale	
ELECTRICITY PORTFOLIO NAME	
CONTACT INFORMATION	
Name	Mark Young
Title	Deputy General Manager - Power Management
Mailing Address	141 N. Glendale Avenue, Level 4 Suite 450
City, State, Zip	Glendale, CA 91206
Phone	(818) 548-3293
E-mail	myoung@glendaleca.gov
Website URL for PCL Posting	https://www.glendaleca.gov/government/city-departments/glendale-water-and-power/the-environment/power-content-label

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 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, firm-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.

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. 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.

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. 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.



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SCHEDULE 1: PROCUREMENTS AND RETAIL SALES

For the Year Ending December 31, 2019

City of Glendale

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 gray auto-populate as needed and should not be filled out. For firm-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)	996,036
Net Specified Procurement (MWh)	894,714
Unspecified Power (MWh)	101,322
Procurement to be adjusted	-
Net Natural Gas	327,592
Net Coal & Other Fossil Fuels	33,064
Net Nuclear, Large Hydro & Renewables	534,058

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	N/A
PLEASANT VALLEY WIND	Wind	WY	W236	61559A		56093	23,411	23,411	23,411	
CLEARWATER PAPER CORP. - #3 TURBINE	Biomass & biowaste	ID	W128	60533A		50637	96,383	96,383	96,383	
CLEARWATER PAPER CORP. - #4 TURBINE	Biomass & biowaste	ID	W129	60533A		50637	104,434	104,434	104,434	
HARVEST WIND	Wind	WA	W1306	60857A		57152	18,791	18,791	18,791	
KITTITAS VALLEY WIND FARM - SAGEBRUSH POWER PARTNERS, LLC	Wind	WA	W1876	60939A		56858	22,348	22,348	22,348	
KLONDIKE WIND POWER III	Wind	OR	W237	60602A		56468	1,102	1,102	1,102	
GLENDAL COMMUNITY COLLEGE SOLAR PARKING ROOF	Solar	CA	W2970	62057A			269	269	269	

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	Eligible for Grandfathered Emissions?
PEBBLE SPRINGS	Wind	OR	W979	60693A		56789	40,058	-	40,058	40,058	
TIE TON HYDROPOWER - TURBINE 1	Eligible hydro	WA	W222	60735A		57496	7,282	-	7,282	7,282	
TIE TON HYDROPOWER - TURBINE 2	Eligible hydro	WA	W223	60735A		57496	7,280	-	7,280	7,280	



ORMAT SECOND IMPERIAL GEOTHERMAL - OEC 8 - HEBER SOUTH HIGHWINDS	Geothermal	CA	W792	60682A			54689	16,911	-	16,911	16,911	
SECOND IMPERIAL GEOTHERMAL - OEC 7 - GOULD2	Wind	CA	W229	60726A			56075	16,477	-	16,477	16,477	
	Geothermal	CA	W793	60573A			54689	2234	-	2,234	2,234	
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	N/A	
HOOVER	Large hydro	AZ/NV				154(NV);8902 (AZ)	48,658	-	48,658	48,658		
INTERMOUNTAIN POWER PROJECT	Coal	UT				6481	235,359	202,295	33,064	33,064		
PALO VERDE	Nuclear	AZ				6008	82,783	627	82,156	82,156		
MAGNOLIA POWER PROJECT	Natural gas	CA				56046	246,981	-	246,981	246,981		
BOUNDARY HYDROELECTRIC UNITS	Large hydro	WA				6433	271	-	271	271		
PUD NO.1 OF CHELAN COUNTY	Large hydro	WA				6424	819	-	819	819		
PUD NO.2 OF GRANT COUNTY	Large hydro	WA				3888(Wanapum); 3887(Priest Rapids)	1,012	-	1,012	1,012		
GRAYSON POWER PLANT NG	Natural gas	CA				377	80,611	0	80,611	80,611		
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	N/A	
BONNEVILLE POWER ADMINISTRATION	Large hydro					3075			10,678	10,678		
BONNEVILLE POWER ADMINISTRATION	Nuclear					3075			1,382	1,382		
BONNEVILLE POWER ADMINISTRATION	Unspecified Power					3075			502	502		
POWEREX	Large hydro					N/A			28,182	28,182		
POWEREX	Natural gas					N/A			400	400		
POWEREX	Nuclear					N/A			185	185		
POWEREX	Other					N/A			986	986		
POWEREX	Unspecified Power					N/A			1,047	1,047		
TACOMA POWER	Large hydro					6206			717	717		
TACOMA POWER	Nuclear					6206			51	51		
TACOMA POWER	Unspecified Power					6206			32	32		

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
City of Glendale

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.

RETIRED UNBUNDLED RECS											Total Unbundled RECs	21,426
Facility Name	Fuel Type	Location (State or Province)	RPS ID	N/A	N/A	Total Retired (in MWh)	N/A	N/A	N/A	N/A		
CLEARWATER PAPER CORP. - #3 TURBINE	Biomass & biowaste	ID	60533A			6,549						
CLEARWATER PAPER CORP. - #4 TURBINE	Biomass & biowaste	ID	60533A			13,451						
REC ONLY - CHASE 4680 SAN FERNANDO SOLAR 2	Solar	CA	62663A			214						
REC ONLY - GWP-1 AGGREGATED	Solar	CA	62591R			393						
REC ONLY - GWP-2 AGGREGATED	Solar	CA	62591R			330						
REC ONLY - GLENDALE UNIFIED SCHOOL	Solar	CA	63938A			209						
REC ONLY - KARECO INC. - 3600 NORTH VERDUGO ROAD	Solar	CA	63939A			100						
REC ONLY - KARECO INC. - 315 ARDEN AVE	Solar	CA	63956A			48						
REC ONLY - WINDROSE GLENDALE PROP LLC- 222 WEST EULALIA STREET	Solar	CA	63952A			132						



Disclosure
SCHEDULE 3: ANNUAL POWER CONTENT LABEL DATA
 for the year ending December 31, 2019
 City of Glendale

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	356,980	35.8%
Biomass & Biowaste	200,817	20.2%
Geothermal	19,145	1.9%
Eligible Hydroelectric	14,562	1.5%
Solar	269	0.0%
Wind	122,187	12.3%
Coal	33,064	3.3%
Large Hydroelectric	90,337	9.1%
Natural gas	327,992	32.9%
Nuclear	83,774	8.4%
Other	986	0.1%
Unspecified Power	102,903	10.3%
Total	996,036	100.0%
Total Retail Sales (MWh)		996,036
Percentage of Retail Sales Covered by Retired Unbundled RECs		2.2%


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				
Net MWH Procured	N/A	Resource Type	Resource Mix Factors	Resource-Specific Procurements from ACS
30,800		Biomass & biowaste		-
		Geothermal		-
		Eligible hydroelectric		-
		Solar		-
		Wind		-
		Coal		-
		Large hydroelectric	0.915	28,182
		Natural gas	0.013	400
		Nuclear	0.006	185
		Other	0.032	986
		Unspecified Power	0.034	1,047

Bonneville Power Administration				
Net MWH Procured	N/A	Resource Type	Resource Mix Factors	Resource-Specific Procurements from ACS
12,562		Biomass & biowaste		-
		Geothermal		-
		Eligible hydroelectric		-
		Solar		-
		Wind		-
		Coal		-
		Large hydroelectric	0.85	10,678
		Natural gas		-
		Nuclear	0.11	1,382
		Other		-
		Unspecified Power	0.04	502

Tacoma Power				
Net MWH Procured	N/A	Resource Type	Resource Mix Factors	Resource-Specific Procurements from ACS
800		Biomass & biowaste		-
		Geothermal		-
		Eligible hydroelectric		-
		Solar		-
		Wind		-
		Coal		-
		Large hydroelectric	0.896	717
		Natural gas		-
		Nuclear	0.064	51
		Other		-
		Unspecified Power	0.04	32



**ANNUAL REPORT TO THE CALIFORNIA ENERGY COMMISSION: Power Source Disclosure
ATTESTATION FORM**
for the year ending December 31, 2019
City of Glendale
(ELECTRICITY PORTFOLIO NAME)

I, Mark Young, GWP Deputy General Manager - Power Management,
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
Glendale, 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 Young

Representing (Retail Supplier): City of Glendale

Signature: _____

Dated: 8/31/2020

Executed at: _____