



ANNUAL REPORT TO THE CALIFORNIA ENERGY COMMISSION:
Power Source Disclosure Program
Schedule 1 and 2, applicable to: Load Serving Entities
For the Year Ending December 31, 2017

Load serving entities are required to use the posted template and are not allowed to make edits to this format.
Please fill out the company name and contact information.

GENERAL INSTRUCTIONS

COMPANY NAME	
City of Santa Clara/Silicon Valley Power	
PRODUCT NAME (If Multiple Products Offered)	
CONTACT INFORMATION	
Name	Kathleen Hughes
Title	Division Manager
Mailing Address	1500 Warburton Ave
City, State, Zip	Santa Clara, CA, 95050
Phone	(408) 615-6632
E-mail	khughes@santaclaraca.gov
Website for PCL Posting	www.siliconvalleypower.com or direct at www.siliconvalleypower.com/powermix (will be live in August)

Please fill out the schedules that apply to your company's filing requirements. Provide the annual report and attestation together in PDF format and the annual report in an excel file by email to PSDprogram@energy.ca.gov.

Remember to fill in the company name above, submit separate reports and attestations for each additional product if multiple electric service products are offered. Report procurements in MWh (not kWh).

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 http://www.energy.ca.gov/commission/chief_counsel/documents/CEC13.pdf

If you have questions, contact PSD staff at PSDprogram@energy.ca.gov or (916) 653-6222.



INTRODUCTION

Each worksheet, with the exception of the Attestation, is identified by a schedule number and a title that describes the information to be entered. Power Source Disclosure Program participants are only required to submit schedules that are relevant to their role. If you need to report as a power pool, please use Schedules 3 and 4 found on the PSD webpage: <http://www.energy.ca.gov/pcl/>

The following schedules are required for load serving entities:

Schedule #	Schedule Name
1	Power Procurements and Retail Sales
2	Annual Power Content Label Calculation
N/A	Attestation



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For the Year Ending December 31, 2017
SCHEDULE 1: POWER PROCUREMENTS AND RETAIL SALES
Applicable to: Load Serving Entities

INSTRUCTIONS: Enter information about power procurements supporting all electricity products for which your company is filing the Annual Report. If you need additional rows, add them from the INSERT menu. Please list all purchases (Specified and Unspecified purchases) as line items under the Facility Name heading. If a procurement was for unbundled REC's include the term "REC Only" in parentheses after the facility name in the Facility Name column, and categorize the power as the fuel type of the generating facility from which the unbundled REC was derived. If procured power was from a transaction that expressly transferred energy only and not the REC's associated with that energy, identify the power as "Unspecified Power" in the Fuel Type column.

ALL PROCUREMENTS (Specified and Unspecified)										
Facility Name	Unit No.	Fuel Type	Location (State or Province)	RPS ID	WREGIS GU ID	EIA ID	FERC OF ID	Gross MWh Procured	MWh Resold or Self-Consumed	Net MWh Procured
WAPA Large Hydro		Large Hydro	CA	n/a	W1156, W1157, W1158, W1159, W1160, V			439276		439276
WAPA Small Hydro		Small Hydro	CA	#####	W1177, W1161, W1108			8972		8972
Stony Creek		Small Hydro	CA	61750	W1011	7151	H0500	13331		13331
Grizzly Hydro		Small Hydro	CA	61935	W1252	7338	H0213	91209		91209
Friant Power Authority	FR1	Small Hydro	CA	60156	W594	50393		78200		78200
Friant Power Authority	M1	Small Hydro	CA	62380	W798	50393		41649		41649
Friant Power Authority	RO1	Small Hydro	CA	62381	W799	50393		10945		10945
Friant Power Authority - Quinten Luallen	RO2	Small Hydro	CA	61594	W5058			31454.37		31454.37
NCPA Spicer Hydro		Small Hydro	CA	61580	W1260	54554	H0356	13419		13419
Tridam-Beardsley		Small Hydro	CA	60072	W787	414	H0022	83752		83752
Tridam-Tulloch		Small Hydro	CA	60071	W788, W787	416	H0527	139518		139518
Tridam-Sandbar		Small Hydro	CA	60188E	W489A	50400		121426		121426
Black Butte Hydro		Small Hydro	CA	61751	W1010	7229	H0046	17818.31		17818.31
High Line		Small Hydro	CA	62633	W3557	7224	H0235	289		289
Manzana Wind		Wind	CA	61671	W3105			134023		134023
NCPA Geothermal Plant No. 1	1	Geothermal	CA	60908	W1254	7368	T0039	99,929	73858	26071
NCPA Geothermal Plant No. 1	2	Geothermal	CA	60909	W1255	7368	T0039	85,202	85202	0
NCPA Geothermal Plant No. 2	4	Geothermal	CA	60911	W1257	7369	T0040	157,741	127940	29801
Geothermal Unit 1&2 Onsite Load (OSL)		Geothermal	CA	60908	W4883			6,263		6,263
Geothermal Solar Unit 1 - Geo. Solar 1 Clearlake		Solar	CA	62040	W1509			408		408
Geothermal Solar Unit 2 - Geo. Solar 2 Middletown		Solar	CA	62041	W2792			919		919
Hydro, Solar - Hydro, Solar1		Solar	CA	62543	W1266			16		16
Big Horn - Big Horn Wind Project LLC		Wind	WA	60776	W240			246454		246454
Big Horn II - Big Horn II		Wind	WA	61201	W1688			41572		41572
Recurrent Solar - Rosemond 1		Solar	CA	60855	W3858	58499	S0288	57672.39		57672.39
Jenny strand PV Park		Solar	CA	63065	W3565			199.57		199.57
Santa Clara-Tioga Canopy		Solar	CA	62563	W3579			539.12		539.12
G2 Energy Ostrom Rd - G2 Energy Ostrom Rd.		Landfill gas	CA	61206	W1565, W39	57133	E0237	11049		11049
Ameresco Santa Clara		Landfill gas	CA	62413	W3583			2149.73		2149.73
Ameresco Forward		Landfill gas	CA	62389	W3584		E0252	32578.56		32578.56
Ameresco Vasco		Landfill gas	CA	61300	W3581		E0071	33130.42		33130.42
NCPA Large Hydro (Collierville)		Large Hydro	CA	n/a		54555	H0107	388675	10000	378675
TriDam - Donnels		Large Hydro	CA	n/a		415	H0145	432664.62		432664.62
NCPA Lodi Energy Center		Natural Gas	CA	n/a		57978	G1009	186655	186655	0
Santa Clara DVR		Natural Gas	CA	n/a		56026	G0169	642405.61	236778	405627.61
Santa Clara Cogen		Natural Gas	CA	n/a		7232	G0114	46571.8		46571.8
GPI-PPA		Natural Gas	CA	n/a		54561	G0144	121512.36		121512.36
Gianera		Natural Gas	CA	n/a		7231		5510.49	5510.49	0
Lodi CT		Natural Gas	CA	n/a				1764	1764	0
Alameda		Natural Gas	CA	n/a				5514	5514	0
San Juan Coal		Coal	NM	n/a		1006727/2451		331293		331293
unspecified		unspecified		n/a				93335		93335
Biomass One LP "REC Only"		Biomass	OR	61204A	W2556			40000		40000
Birch Creek Power "REC Only"		Hydroelectric	ID	61378A	W1952			2260		2260
Dry Creek Project "REC Only"		Hydroelectric	ID	61381A	W2011			3636		3636
Falls Creek Hydro "REC Only"		Hydroelectric	OR	61375A	W225			2936		2936
Lacomb Irrigation District Hydro Project "REC Only"		Hydroelectric	OR	61440A	W2210			864		864
Marsh Valley Project "REC Only"		Hydroelectric	ID	61380A	W2009			2034		2034
Middle Fork Irrigation District "REC Only"		Hydroelectric	OR	61383A	W1877			4693		4693
Mink Creek Hydro "REC Only"		Hydroelectric	ID	61425A	W2049			1593		1593
Opal Springs Hydro "REC Only"		Hydroelectric	OR	61439A	W2041			6715		6715
Farmers Irrigation District Turgo - Plant 2 "REC Only"	2	Hydroelectric	OR	61366A	W1898			2991		2991
Farmers Irrigation District Peters Drive Dam - Plant 3 "REC Only"	3	Hydroelectric	OR	61366A	W1910			1404		1404
North Fork Hydro - Sprague Hydro LLC "REC Only"		Hydroelectric	OR	61379A	W2012			874		874

Total Net Purchases 3,593,784

Total Retail Sales 3,523,784



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SCHEDULE 2: ANNUAL POWER CONTENT LABEL CALCULATION
Applicable to: Load Serving Entities

INSTRUCTIONS: Total specific purchases (by fuel type) and enter these numbers in the first column. Null power purchases should be included with Unspecified Power. REC only purchases should be included as part of the fuel type they represent. Total retail sales information from Schedule 1 will autopopulate on this schedule. Any difference between total net purchases and total retail sales will be applied pro-rata to each non-renewable fuel type. Each fuel type total will then be divided by retail sales to calculate fuel mix percentages.

	Net Purchases (MWh)	Percent of Total Retail Sales (MWh)
Specific Purchases		
Renewable	1,344,828	38%
Biomass & Biowaste	118,908	3%
Geothermal	62,135	2%
Eligible hydroelectric	681,983	19%
Solar	59,754	2%
Wind	422,049	12%
Coal	331,293	9%
Large Hydroelectric	1,250,616	34%
Natural Gas	573,712	16%
Nuclear		0%
Other		0%
Total Specific Purchases	3,500,449	97%
Unspecified Power (MWh)	93,335	3%
Total	3,593,784	100%
Total Retail Sales (MWh)	3,523,784	

Comments:



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ATTESTATION FORM

Applicable to: All participants in the Power Source Disclosure Program

I, Deanna J. Santana, City Manager, declare under penalty of perjury, that the statements contained in Schedules PSD Schedule 1 and PSD Schedule 2 are true and correct and that I, as an authorized agent of the City of Santa Clara dba Silicon Valley Power, have authority to submit this report on the company's behalf. I further declare that the megawatt-hours claimed as specific purchases as shown in these Schedules were, to the best of my knowledge, sold once and only once to retail consumers.

Name: Deanna J. Santana

Signed: _____

Dated: _____