Silicon Valley Power
2011 POWER CONTENT LABEL

ENERGY RESOURCES	2011 SVP POWER MIX	2010 CA POWER MIX** (for comparison)
Eligible Renewable	**25.1%**	**13.7%**
-- Biomass & waste	0.4%	2.4%
-- Geothermal	2.8%	4.6%
-- Eligible Hydro	5.7%	1.7%
-- Solar	0.0%	0.3%
-- Wind	16.2%	4.7%
Coal	**12.9%**	**7.7%**
Large Hydro	**22.8%**	**10.8%**
Natural Gas	**16.1%**	**41.9%**
Nuclear	**0.0%**	**13.9%**
Other	**0.0%**	**0.0%**
Unspecified sources of power*	**23.1%**	**12.0%**
TOTAL	**100.0%**	**100.0%**

* "Unspecified sources of power" means electricity from transactions that are not traceable to specific generation sources.

** Percentages are estimated annually by the California Energy Commission based on the electricity sold to California consumers during the previous year.

For specific information about this electricity product, contact Silicon Valley Power. For general information about the Power Content Label, contact the California Energy Commission at 1-800-555-7794 or http://www.energy.ca.gov/sb1305/index.html

California Energy Commission POU Reporting Spreadsheet

GENERAL INSTRUCTIONS

Utility Name	Silicon Valley Power
Calendar Year Covered in this Report	2011
Form Completion Date	1-Jun-2012

This reporting form has been created to replace prior data collection forms, including data requested and/or collected for the Power Source Disclosure Program (SB 1305/AB 162 Annual Report Form), the POU Contract Database, and the SB 1 Solar Program Status Report. This form will additionally serve to supplement biannual data collection for AB 380, in years that data is not submitted to the California Energy Commission's Electricity Analysis Office. The color scheme below refers to the various colors used in Schedules 1-5 and their associated mandates or requests.

Schedules 1 and 3: Please complete annually and submit via e-mail to RPSTrack@energy.state.ca.us. Additionally, please print out the file, sign the attestation, and mail to the address below.

Schedule 2: Please complete biannually (every other year) during even-numbered years and submit with Schedules 1 and 3.

Schedule 4: This Schedule will be automatically populated with data from Schedules 1 & 3.

Schedule 5: Please complete annually and submit via e-mail to renewable@energy.state.ca.us. Schedule 5 is due on June 1 of each year, for previous year reporting.

California Energy Commission
e-mail: RPSTrack@energy.state.ca.us
email: renewable @energy.state.ca.us (Schedule 5 only)
Renewable Energy Program
California Energy Commission
1516 Ninth Street, MS-45
Sacramento, CA 95814-5512

Responses to this request are due on June 1 of each year.

For Schedules 1-4, please direct questions to Lorraine Gonzalez at (916) 654-3842 or lgonzale@energy.state.ca.us.

For Schedule 5, please direct questions to Sherrill Neidich at (916) 651-1463 or sneidich@energy.state.ca.us.

NOTE: Information submitted in this report is not automatically held confidential. If your company wishes the information you submit to be held in confidence, it will be necessary to submit an application for confidentiality.

Color scheme:

Orange:	Mandated by AB 162 for the Power Source Disclosure Program
Green:	Mandated by AB 380 and collected by the Renewable Energy Office biannually
Blue:	Data collected for the Energy Commission POU Contracts Database
Tan:	Mandated by Senate Bill 1 and collected by the Renewable Energy Office annually
White:	Data requested on a voluntary basis by the Renewable Energy Office
Red:	Data to be filled out by Utility unless Utility prefers the Energy Commission to fill out

Prepared by:

Renewable Energy Office
California Energy Commission
1516 Ninth Street MS-45
Sacramento, CA 95814

Phone: 916-654-3842

Last Updated March 2012

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Renewables Schedule 1 - Due June 1 annually for the prior calendar year.

INSTRUCTIONS: Please list all facilities which were online for the reporting year listed above. Please enter applicable corresponding information for each facility. To expedite the processing of this form, please list all known identification numbers. If you need additional rows, please click on the "Insert Row" button above. This tab includes information collected on Schedules 1 and 2A of the Annual Report to the Power Source Disclosure Program form.

Facility/Contract Name[1]	Owner/Seller[2]	Technology[3]	Primary Fuel Type[4]	Secondary Fuel Type[4]	Facility Status[5]	Contract Start Date[6]	Contract Expiration Date (if Known)[7]	Total Facility Nameplate Capacity (MW)[8]	Location[9]	CEC Plant ID[10]	WREGIS ID[11]	RPS ID[12]	EIA ID[13]	Actual Purchases for Reporting Year (kWh)[14]	kWh Resold or Self-Consumed	Net kWh Procured	Expected Purchases for Current Year[15]	Comments
WAPA Small Hydro	WAPA	Eligible Hydro	Hydro		Existing									10597780	10597780	10597780		
Stony Gorge	Utility Owned	Eligible Hydro	Hydro		Existing			4.9	Willows, CA	H0500	W1011	61750A	7151	14256721	14256721	14256721		
Black Butte	Utility Owned	Eligible Hydro	Hydro		Existing			6.3	Orland, CA	H0046	W1010	61751A	7229	15960349	15960349	15960349		
Grizzly Hydro	Utility Owned	Eligible Hydro	Hydro		Existing			21	Grizzly Creek, CA	H0213	W1252		7338	75235130	75235130	75235130		
Altamont (ZOND)	AES	Wind	Wind		Existing	Aug-06	Aug-16	15	Alameda County, CA	W0331				24250520	24250520	24250520		
NCPA Geothermal Plant No. 1 Unit 1	NCPA	Geothermal	Geothermal		Existing			49.7	Middletown, CA	T0039	W1254	60908A		2487450	2487450	2487450		Reflects 100,000 Mwh RECs Banked
NCPA Geothermal Plant No. 1 Unit 2	NCPA	Geothermal	Geothermal		Existing			25.3	Middletown, CA	T0039	W1255	60909A		65892185	65892185	65892185		Reflects 25,000 Mwh RECs Banked
NCPA Geothermal Plant No. 2 Unit 3	NCPA	Geothermal	Geothermal		Existing			42.47	Middletown, CA	T0040	W1256	60910A		225646	225646	225646		
NCPA Geothermal Plant No. 2 Unit 4	NCPA	Geothermal	Geothermal		Existing			42.47	Middletown, CA	T0040	W1257	60911A		10988750	10988750	10988750		Reflects 176,680 Mwh RECs Sold
NCPA Hydro - New Spicer	NCPA	Eligible Hydro	Hydro		New	Mar-09	Mar-29	0.75	Arnold, CA	H0356	W1260			11091924	11091924	11091924		
MSR Wind - Big Horn 1	Iberdrola	Wind	Wind		New	Dec-06	Dec-26	189.5	Bickleton, WA		W240			282329000	282329000	282329000		
MSR Wind - Big Horn 2	Iberdrola	Wind	Wind		New	Dec-09	Dec-34	50	Bickleton, WA		W1688			43360000	43360000	43360000		
Hydro TREC	Powerex Corp.	Eligible Hydro	Hydro											35000000	35000000	35000000		TRECs Purchased
Wind TREC	Clatskanie People's Utility District	Wind	Wind											115000000	115000000	115000000		TRECs Purchased
G2 Landfill	G2 Energy	Biomass and Biowaste	Landfill Gas		Existing			1.6	Yuba County, CA	E0237	W1565		57133	8771029	8771029	8771029		
Ameresco	Ameresco	Biomass and Biowaste	Landfill Gas		New	Jan-09	Jan-24	1.3	Santa Clara, CA					4365870	4365870	4365870		

Total Retail Sales for Prior Calendar Year (kWh)	2862291863

1 If utility purchased energy from one facility, indicate the name of the facility. If the utility purchased energy from a portfolio of assets, list all the facilities included in the asset. If the facilities included in the asset are unknown, indicate the name of the asset. If RECs were purchased from a facility, indicate the facility name.
2 Indicate the wholesale seller of energy or RECs. If utility owned, state "utility owned."
3 Select type of renewable technology from the drop-down options. If selecting "Other," please specify in the Comments section.
4 Select the primary fuel used from the drop-down options. For multi-fuel facilities, also select from the secondary fuel type column.
5 Existing refers to facilities that have continuously been online since before 2005. New refers to any new project that has come online on or after January 1, 2005. Restart refers to a facility with an original online date before 2005, that had permanently shut down, but has reopened. Repowered refers to the replacement of prime generating equipment equaling 80% of the total value of the project (see *RPS Eligibility Guidebook* for further information).
6 Indicate the first date that electricity was sold under this contract.
7 State the final delivery date of the product(s) being purchased under the contract/agreement.
8 Enter the total nameplate capacity of the facility.
9 Indicate the location of the facility, preferably the City and State.
10 Enter the California Energy Comission's Plant ID number, if applicable.
11 Enter the Western Renewable Energy Generation Information System ID number, if applicable. Please note,this information is essential to staff's ability to verify claims.
12 Enter the California Energy Commission's RPS Certification ID number, if applicable. Please note, this information is essential to staff's ability to verify claims.
13 Enter the Energy Information Administration identification number for the generating facility, if available.
14 Indicate the total annual kWh purchased for the previous calendar year. For facilities being tracked in WREGIS, please submit a WREGIS Compliance Report to verify data in this column. Addititonally, use this column for utility owned generation that is not used to meet onsite load. This data must be collected in kWh, per section 398.5 of the Public Utilities Code.
15 Indicate estimated purchases or utility owned generation under this contract for the year following the current calendar year.

Renewables Schedule 2 - To be completed every even numbered year - 2012, 2014, etc.

INSTRUCTIONS: Please list all planned purchases of renewable energy under long-term contract (≥ 3 months). This schedule is designed to contain values for resources which did not provide energy to the utility during the preceding year. If a resource has provided energy during the previous calendar year, it should be noted in Schedule 1, and need not be entered in Schedule 2. Please enter applicable corresponding information for these facilities. If you need additional rows, please click on the "Insert Row" button above. This tab includes information collected on Schedule 1 of the Annual Report to the Power Source Disclosure Program form.

Facility Name[1]	Technology[2]	Primary Fuel Type[3]	Secondary Fuel Type[3]	Owner/Seller[4]	Facility Status[5]	Expected Contract Start Date[6]	Expected Contract Expiration Date (if Known)[7]	Share (%) of Total Generation[8]	Total Facility Nameplate Capacity (MW)[9]	Estimated Generation for first full year of operation (kWh)[10]	CREZ[11]	DRECP[12]
Forward LFG	Biomass and Bio	Landfill Gas		Ameresco	New, Under Construction	2013	2033		4.6	36000000		
Vasco	Biomass and Bio	Landfill Gas		Ameresco	New, Under Construction	2013	2033		4.6	36000000		
Rosamond	Solar	Photovoltaic		Recurrent	New, Planned	2013	2038		20	55000000		
Manzana	Wind	Wind		Iberdrola	New, Under Construction	2013	2033		50	144540000		
Friant	Eligible Hydro	Hydro		Friant	Existing	2016	2032		25	68000000		

1 If energy will be purchased from one facility, indicate the name of the facility. If energy will be purchased from a portfolio of assets, list all the facilities included in the asset. If the facilities included in the asset are unknown, indicate the name of the asset. If RECs will be purchased from a facility, indicate the facility name.
2 Select type of renewable technology from the drop-down options. If other, please specify.
3 Select the primary fuel used from the drop-down options. If other, please specify. For multi-fuel facilities, also select from the secondary fuel type column.
4 Indicate the wholesale seller of energy or RECs. If utility owned, state "utility owned."
5 Select status of the project from drop-down options. "New, Planned" refers to any new planned project that is expected to come online on or after January 1, 2005. "New, Under Construction" refers to any new project that has begun construction and expected to come online on or after January 1, 2005. "Repowered, Planned" refers to the planned replacement of prime generating equipment equaling at least 80% of the total value of the project (see RPS Eligibility Guidebook for further information). "Repowered, Under Construction" refers to a facility currently replacing prime generating equipment equaling at least 80% of the total value of the project (see RPS Eligibility Guidebook for further information). "Existing" refers to facilities that have continuously been online since before 2005. "Restart, Planned" refers to a facility with an original online date before 2005, that had permanently shut down, but is planned to reopen.
6 State the expected delivery date of the product(s) being purchased.
7 State the final delivery date of the product(s) being purchased under the contract/agreement.
8 Enter the share of total generation under the current contract/agreement.
9 Enter the total nameplate capacity of the facility.
10 Enter the estimated annual generation of the total facility for the first full calendar year of operation in kWh.
11 If the facility is in a Competitive Renewable Energy Zone, indicate which zone. Information on CREZ is available at http://www.energy.ca.gov/reti/index.html.
12 The Desert Renewable Energy Conservation Plan is under development. Please indicate whether this project will be subject to the DRECP. For more information, see http://www.energy.ca.gov/33by2020/documents/index.html.

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Non-Renewables Schedule 3 - Due June 1 annually for the prior calendar year.

INSTRUCTIONS: Please list all purchases of non-renewable energy under long-term contract (≥ 3 months), and/or aggregate spot and short-term purchases for the reporting year listed above. For aggregate spot and short-term purchases, use only one row and enter Contract Start Date and Expiration Date as "1/01/2010" and "12/31/2010", respectively. Please enter applicable corresponding information for each facility/contract. If you need additional rows, please click on the "Insert Row" button above. This tab includes information collected on Schedule 1 of the Annual Report to the Power Source Disclosure Program form.

Facility/Contract Name[1]	Owner/Seller[2]	Technology[3]	Contract Start Date[4]	Contract Expiration Date[5]	Location[6]	Actual Purchases for Reporting Year (kWh)[7]	kWh Resold or Self Consumed	Net kWh Procured	Comments
WAPA Large Hydro	WAPA	Large Hydro				337791220	337791220	337791220	
Santa Clara DVR	Utility Owned	Natural Gas				413070900	413070900	413070900	
Santa Clara Cogen	Utility Owned	Natural Gas				46819800	46819800	46819800	
Santa Clara Gianera	Utility Owned	Natural Gas				132466	132466	132466	
San Juan Coal	JPA	Coal				369735000	369735000	369735000	
NCPA Hydro - Collierville	JPA	Large Hydro				314208360	314208360	314208360	
NCPA CT - Alameda	JPA	Natural Gas				204534	204534	204534	
NCPA CT - Lodi	JPA	Natural Gas				174056	174056	174056	
Market Purchases		Unspecified				660343173	660343173	660343173	

1 If contract requires delivery of energy from a specific facility or facilities, provide the facility name(s). If not, enter the counterparty to the contract. For energy purchased under short-term contract or spot energy, indicate "short-term/spot energy."

2 Indicate the wholesale seller of energy. If utility owned, state "utility owned."

3 Select the technology/primary fuel used from the drop-down options. If other, please specify. For contracts that do not specify a facility or facilities, including short-term/spot purchases, select "unspecified." For energy purchases where WREGIS certificates were issued but those associated certificates were not procured, select "null power."

4 For contracts in existence prior to the reporting year and long-term contracts beginning during the reporting year, enter contract start date. For short-term contracts/spot purchases, enter the first day of the reporting year.

5 For short-term contracts and spot purchases, enter the final day of the reporting period. For contracts in place beyond the reporting period or expiring during the reporting year, enter the actual expiration date of the contract.

6 Indicate the location of the facility, preferably the City and State.

7 Indicate the total annual kWh purchased for the reporting year. This data must be collected in kWh, per section 398.5 of the Public Utilities Code.

Fuel Mix Schedule 4 - This Schedule will be automatically populated with data from Schedules 1 & 3.

If you would like to manually adjust the *"Pro-Rata Net Purchases based on Retail Sales"* enter values in the yellow boxes.
Your total net purchases must equal the total retail sales entered on Schedule 1.

2011 Fuel Mix

	MWh Purchased	Percent of Total Retail Sales
Specific Purchases		
Renewable	**719,812.35**	**25%**
Biomass and Biowaste	13,136.90	0%
Geothermal	79,594.03	3%
Eligible Hydro	162,141.90	6%
Solar	-	0%
Wind	464,939.52	16%
Coal	369,735.00	13%
Large Hydro	651,999.58	23%
Natural Gas	460,401.76	16%
Nuclear	-	0%
Other	-	0%
Generic Power (Unspecified) Purchases (MWh)	660,343.17	23%
Total Net Purchases (MWh)	2,862,291.86	
Total Retail Sales (MWh)	2,862,291.86	
Total Percent		100%

2011 Fuel Mix*

(For cases where Total Retail Sales does not equal Total Net Purchases)

	MWh Purchased	Pro-Rata Net Purchases based on Retail Sales (MWh)	Percent of Total Retail Sales
Specific Purchases			
Renewable	**719,812.35**	**719,812.35**	**25%**
Biomass and Biowaste	13,136.90	13,136.90	0%
Geothermal	79,594.03	79,594.03	3%
Eligible Hydro	162,141.90	162,141.90	6%
Solar	-	-	0%
Wind	464,939.52	464,939.52	16%
Coal	369,735.00	369,735.00	13%
Large Hydro	651,999.58	651,999.58	23%
Natural Gas	460,401.76	460,401.76	16%
Nuclear	-	-	0%
Other	-	-	0%
Generic Power (Unspecified) Purchases (MWh)	660,343.17	660,343.17	23%
Total Net Purchases (MWh)	2,862,291.86	2,862,291.86	
Total Retail Sales (MWh)	2,862,291.86		
Total Percent			100%

*This table is being provided to assist in instances where total retail sales do not equal total net procurement. You may choose to use this fuel mix if you find it beneficial.

California Energy Commission POU Reporting Spreadsheet
ATTESTATION FORM

I, (print name and title) **Jennifer Sparacino, City Manager**

declare under penalty of perjury that the statements contained in the Applicable Schedules submitted to the California Energy Commission are true and correct and that

I, as an authorized agent of (print name of company) **Silicon Valley Power/City of Santa Clara**

have authority to submit this report on the company's behalf.

I further declare that the kilowatt-hours claimed as actual purchases in Schedules 1 and 3 are, to the best of my knowledge, claimed once and only once by any party.

I understand that the Energy Commission reserves the right to request supplemental documentation to this filing for purposes of verification.

Signed: Jennifer Sparacino

Dated: 06/26/12 - Council Approved

Executed at: Santa Clara, CA

ATTEST:

City Clerk

CONTACT INFORMATION	
Name:	John C. Roukema
Title:	Director of Electric Utility
Company Name:	Silicon Valley Power/City of Santa Clara
Address:	1500 Warburton Avenue
City, State, Zip:	Santa Clara, CA 95050
Phone:	(408) 261-5490
Fax:	(408) 249-0217
E-mail:	jroukema@svpower.com

APPROVED AS TO FORM:
SANTA CLARA CITY ATTORNEY'S OFFICE

Lindsay Beavers

LINDSAY BEAVERS, DEPUTY CITY ATTORNEY