## BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Order Instituting Rulemaking to Continue Implementation and Administration of California Renewables Portfolio Standard Program.

Rulemaking 11-05-005 (Filed May 5, 2011)

# San Diego Gas & Electric

## 2012 Preliminary Annual 33% RPS Compliance Report

Reporting progress towards meeting the procurement quantity requirements for California's RPS

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### CALIFORNIA'S RENEWABLES PORTFOLIO STANDARD

## 2012 Preliminary Annual 33% RPS Compliance Reporting Instructions

Annual RPS compliance reports submitted by retail sellers include qualitative and quantitative elements, as required by the Public Utilities Code 399.13 and Commission decisions, notably, Decision (D.) 11-12-020, D.11-12-052 and D.12-06-038. Specific procedural guidelines, reporting requirements and general explanations about the RPS compliance spreadsheet are detailed below. Any questions concerning RPS compliance matters should be directed to Robert Blackney robert.blackney@cpuc.ca.gov, (415) 703-3072.

#### **Procedural Guidelines**

- 1. D.12-06-038 requires Investor Owned Utilities (IOU), Multi-Jurisdictional Utilities (MJU), Electric Service Providers (ESP), and Community Choice Aggregators (CCAs) to submit an annual report on its compliance with the California RPS program. Refer to D.12-06-038 for additional details related to the calculations within the RPS compliance spreadsheet.
- 2. Any retail seller seeking confidentiality protection for information required by the Compliance Report should file a declaration. Confidentiality requests shall comply with the substantive and procedural rules set forth in D.06-06-066, as modified by D.08-04-023, the Commission's decision in its Confidentiality proceeding, Rulemaking (R.) 05-06-040, and any subsequent decisions issued in the same or successor proceeding. A declaration for confidentiality should identify all redacted information by tab name and coll reference.
- 3. RPS Compliance reports must be submitted to the Commission as specified below:
  - a. Serve a public version on the service list in proceeding R.11-05-005. All pages must be legible: If reports need to be printed and scanned to be issued to the service list, please ensure that scanned documents are not blurry or distorted. Retail sellers are responsible for maintaining confidentiality when serving a redacted report.

    The most current version of the service list can be found on the Commission's webpage:

http://www.cpuc.ca.gov/service\_lists/R1105005\_79864.htm

- b) Submit a confidential Excel version utilizing the locked spreadsheet with the Energy Division by e-mailing an electronic version to robert.blackney@cpuc.ca.gov and rpscompliance@cpuc.ca.gov. Please only submit Excel documents in .xls format (.xlsm and .xlsx files will NOT be accepted).
- c) Send paper copies (confidential and public) to each of the assigned Administrative Law Judges (ALJs):

Regina M. DeAngelis and Anne E. Simon California Public Utilities Commission 505 Van Ness Avenue San Francisco, CA 94102

- d) Do not send paper copies of the confidential version to anyone except the persons listed above, unless specifically requested.
- 4. Include the Title Page and fill out the following information:
  - a) Name of the retail seller serving the Compliance Report
  - b) Date the Compliance Report is being served
  - c) Contact information
- 5. Complete the Officer Verification Form in the format provided (Rule 1.11)

## Narrative Reporting Requirements

Pursuant to Public Utilities Code Section 399.13(a)(3), each retail seller must include the following narrative information in each Annual Compliance Report and in the final report for each compliance period:

- 1. The status of any necessary siting and permitting approvals from federal, state, and local agencies for those eligible renewable energy resources procured by the retail seller that have not yet attained their commercial on-line dates.
- 2. Identification of all procurement from eligible renewable energy resources located outside California and within the WECC during the period covered by the report. Retail sellers should submit a list of facilities in a matrix format including: facility name, location (City and State), and the amount of renewable energy credits (RECs) procured during the year covered by the report (i.e. 2012 for this report). If a retail seller did not procure any RECs from out of state facilities, please include a brief summary on whether the retail seller intends to procure RECs from facilities located out of state in the future, and if so where these facilities may be located.
- 3. Identification of all procurement of unbundled RECs during the period covered by the report. Retail sellers should submit a list of facilities in a matrix format including: facility name, location (City and State), and the amount of unbundled RECs procured during the year covered by the report (i.e. 2012 for this report). If a retail seller did not procure any unbundled RECs, please include a brief summary on whether the retail seller intends to procure unbundled RECs in the near future, and if so where these RECs originate.
- 4. Recommendations to remove impediments to making progress toward achieving the renewable energy resources procurement requirements established by statute and implemented by Commission decision.

Each retail seller that is also an electrical corporation must, in addition to the four items set forth above, include the following narrative information in each annual compliance report and in the final report for each compliance period:

1. The current status and progress made during the prior year toward construction of, and upgrades to, transmission and distribution facilities and other electrical system components owned by that electrical corporation to interconnect eligible renewable energy resources and to supply the electricity generated by those resources to load. The narrative must specifically include, but is not limited to, the status of planning, siting, and permitting of transmission facilities by federal, state, and local agencies. If a retail seller does not currently own any transmission lines, describe any plans to own transmission lines in the future, if at all.

The current status and progress made during the prior year toward construction of, and upgrades to, transmission and distribution facilities and other electrical system components owned by that electrical corporation to interconnect eligible renewable energy resources and to supply the electricity generated by those resources to load. The narrative must specifically include, but is not limited to, the status of planning, siting, and permitting of transmission facilities by federal, state, and local agencies. If a retail seller does not currently own any transmission lines, describe any plans to own transmission lines in the future, if at all.

#### RPS Compliance Report Spreadsheet Instructions

#### **General Instructions**

- 1. Orange cells throughout the spreadsheet indicate data provided by the retail seller.
- 2. All data must be entered in megawatt-hours (MWh) out to three decimal points to accurately account for reported retail sales, quantity or renewable energy credits (RECs) and targets. The spreadsheet will display MWh throughout. Do not round any reporting data, as this may result in calculation errors.
- 3. The RPS compliance spreadsheet has locked cells to ensure accurate calculations. An unprotected version of the spreadsheet is available by request.
- 4. Protecting confidential data: Individual cells may be formatted black, which will serve to redact info when excel file is converted to pdf. Select cell click on "fill color" icon choose black. Note: Once converted to pdf, additional steps are necessary to ensure redacted data is not accessible.

#### Accounting tab instructions

The Accounting tab is where the primary RPS compliance calculations are made.

<u>Information from the 20% RPS Program</u>: 2010 retail sales figure (cells C11:D11) is needed to calculate the long-term contracting requirement for the first compliance period. Enter the "Surplus/(Deficit) Carried Forward" value from the "Provisional 20% RPS Closing Report" (cells C12:D12). Pursuant to D.12-06-038, all CA retail sellers are required to file a Closing Report to calculate their surplus/(deficit) procurement amount from the 20% RPS program.

<u>Annual RPS Procurement and Percentages</u>: This section calculates retail seller's annual percentage target and procurement made towards those targets, prior to the application of specific compliance rules.

<u>Procurement Quantity Requirement</u>: This section calculates retail seller's Procurement Quantity Requirement (PQR) for a given compliance period, and shows the total amount of RECs applied to the PQR (data sourced from the "RECs Retired to meet PQR Detail" tab).

<u>Portfolio Balance Requirements</u>: This section calculates (i) whether the retail seller met the minimum procurement requirement for Category 1 RECs, and (ii) whether the retail sellers procured Category 3 RECs within the limit for each compliance period.

<u>Excess Procurement Calculation</u>: This section calculates the quantity and classification of RECs that qualify as for excess procurement. Retail sellers will classify any RECs that qualify as excess procurement (row 57) as either a Pre-June 1, 2010 REC, a Category 1 REC or a Category 2 REC (rows 58-60).

Excess Procurement Bank: This section shows the amount of excess procurement available for future RPS compliance, and a retail seller's application of excess procurement RECs towards a procurement quantity requirement, as applicable.

<u>RPS Compliance Status</u>: This section shows whether or not a retail seller met its procurement quantity requirement and the deficit amount, if any. Enforcement rules for RPS compliance have yet to be determined.

<u>Deficit from the 20% Closing Report</u>: This section how the retail seller will satisfy its net deficit from the 20% RPS Program, as reported in the Closing Report, if any.

#### **Procurement Detail tab**

<u>Procurement Summary</u>: This section differentiates the reported RECs procured by classification (i.e., PCC 0, PCC 1, PCC 2 or PCC 3) and calculates whether the retail seller met the long-term contracting requirements, if any short-term (< 10 yrs) contracts were executed in a compliance period.

<u>Contract Detail</u>: For each contract, enter actual and forecasted data (MWh) for each year throughout the contract term. Do not assume that an expiring contract will be renegotiated.

- a) For ALL RPS Eligible Contracts: List contracts by CPUC ID Number, name, annual contracted deliveries (MWh), contract status, facility status, resource type, expected portfolio content category (i.e. PCC 1, PCC 2, etc.), contract length (i.e. short-term/long-term), whether contracted RECs are bundled/unbundled, the facility location (City and State), contract execution date, and the total MWh volume of the contact.
- b) "Contract Volume" (Column "AG") Input the total MWh over the term of the contract identified in the contract.
- c) Contract Execution Date: The date the original contract was signed. If the parties signed on different dates, or there are any contract amendments or modifications occurring after June 1, 2010, that increase the nameplate capacity or expected quantities of annual generation, or substitute a different renewable energy resource, use the most recent execution/signing date.
- d) Date of Most Recent Contract Extension: The date the most recent contract extension was signed. If a contract or ownership agreement originally signed by a retail seller as defined in Public Utilities Code Section 399.12(j) prior to June 1, 2010 is amended or modified after June 1, 2010, to increase the nameplate capacity or expected quantities of annual generation, the originally contracted procurement may be used for all compliance purposes, but the incremental procurement resulting from the amendment or modification will be subject to the then-applicable rules for portfolio balance, long-term contracting, and excess procurement.
- e) If any procurement data for a specific contract differs from what is reported to the CEC or included in an RPS Verification Report of the CEC for that year, the specific cell should be highlighted and the discrepancy should be explained.
- f) Procurement claims from contract/ownership agreements executed before June 1, 2010, or January 13, 2011 for ESPs, are not subject to the PCC classifications established in D.11-12-052. For the purposes of RPS compliance any eligible RPS RECs that are not subject to PCC 1, 2, or 3 will be placed in their own classification, that CPUC staff will henceforth refer to as PCC 0.

#### **RECs Retired to meet PQR**

The information provided in this tab is largely the same as the information within the "Procurement Detail tab"; however, rather than including all RPS eligible RECS procured, retail sellers should provide only the MWh figures of RECs retired through WREGIS and applied to their Procurement Quantity Requirement.

# **RPS Compliance Report: Summary**

# 2011 Annual Summary 1-Aug-13

	2011	
RPS Summary Report	MWh	% of Total Retail Sales
Total Retail Sales	16,249,031	n/a
Annual RPS Target	3,249,806	20.0%
Total RPS Eligible RECs Procured	3,380,205	20.8%
Total RPS Eligible RECs Retired for Compliance	603,703	3.7%

# **RPS Procurement Resource Mix**

	2011		
RPS Procurement	MWh	% of Total RPS Procurement	
Biomass	353,605	10.5%	
Digester Gas	0	0.0%	
Biodiesel	0	0.0%	
Landfill Gas	215,822	6.4%	
Muni Solid Waste	0	0.0%	
Biopower Subtotal	569,427	16.8%	
Geothermal	782,976	23.2%	
Small Hydro	0	0.0%	
Conduit Hydro	16,866	0.5%	
Solar PV	2,364	0.1%	
Solar Thermal	0	0.0%	
Wind	2,008,572	59.4%	
Ocean/Tidal	0	0.0%	
Fuel Cells	0	0.0%	
Total RPS Eligible Procurement	3,380,205		

# Claimed Portfolio Content Category of RPS Procurement

	2011	
Portfolio Content Category	MWh	% of Total RPS
Portiono Content Category	IVIVVII	Procurement
RECs Procured from PCC 0 Eligible Resources	1,623,595	48.0%
RECs Procured from PCC 1 Eligible Resources	1,756,610	52.0%
RECs Procured from PCC 2 Eligible Resources	0	0.0%
RECs Procured from PCC 3 Eligible Resources	0	0.0%
	3,380,205	

# **RPS Compliance Report: Summary**

	2012 Annual Summary
1-Aug-13	

	2012	
RPS Summary Report	MWh	% of Total Retail Sales
Total Retail Sales	16,626,721	n/a
Annual RPS Target	3,325,344	20.0%
Total RPS Eligible RECs Procured	3,377,325	20.3%
Total RPS Eligible RECs Retired for Compliance	0	0.0%

# **RPS Procurement Resource Mix**

	2012	
RPS Procurement	MWh	% of Total RPS Procurement
Biomass	477,325	14.1%
Digester Gas	139,433	4.1%
Biodiesel	0	0.0%
Landfill Gas	226,425	6.7%
Muni Solid Waste	0	0.0%
Biopower Subtotal	843,183	25.0%
Geothermal	950,703	28.1%
Small Hydro	0	0.0%
Conduit Hydro	20,562	0.6%
Solar PV	3,264	0.1%
Solar Thermal	0	0.0%
Wind	1,559,613	46.2%
Ocean/Tidal	0	0.0%
Fuel Cells	0	0.0%
Total RPS Eligible Procurement	3,377,325	

# **Claimed Portfolio Content Category of RPS Procurement**

	2012	
Portfolio Content Category	MWh	% of Total RPS
Portiono Content Category	141 44 11	Procurement
RECs Procured from PCC 0 Eligible Resources	1,654,544	49.0%
RECs Procured from PCC 1 Eligible Resources	1,481,145	43.9%
RECs Procured from PCC 2 Eligible Resources	0	0.0%
RECs Procured from PCC 3 Eligible Resources	241,636	7.2%
	3,377,325	

# RPS Compliance Report: Summary

2011-13 Compliance Period
1-Aug-13

	2011	2012	2013	CP TOTAL	
RPS Summary Report	MWh	MWh	MWh	MWh	% of Total Retail Sales
Total Retail Sales	16,249,031	16,626,721			n/a
Annual RPS Targets and Compliance Period Procurement Requirement	3,249,806	3,325,344			20.0%
Total RPS Eligible RECs Procured	3,380,205	3,377,325	4,101,742	10,859,272	
Total RPS Eligible RECs Retired	603,703	0			

## **RPS Procurement Resource Mix**

	2011	2012	2013	CP TOTAL	
RPS Procurement	MWh	MWh	MWh	MWh	% of Total RPS Procurement
Biomass	353,605	477,325	403,285	1,234,215	11.4%
Digester Gas	0	139,433	0	139,433	1.3%
Biodiesel	0	0	0	0	0.0%
Landfill Gas	215,822	226,425	165,913	608,160	5.6%
Muni Solid Waste	0	0	0	0	0.0%
Biopower Subtotal	569,427	<b>84</b> 3,183	569,198	1,981,807	18.2%
Geothermal	782,976	950,703	423,085	2,156,764	19.9%
Small Hydro	0	0	0	0	0.0%
Conduit Hydro	16,866	20,562	22,497	59,925	0.6%
Solar PV	2,364	3,264	818,551	824,179	7.6%
Solar Thermal	0	0	0	0	0.0%
Wind	2,008,572	1,559,613	2,268,411	5,836,596	53.7%
Ocean/Tidal	0	0	0	0	0.0%
Fuel Cells	0	0	0	0	0.0%
Total RPS Eligible Procurement	3,380,205	3,377,325	4,101,742	10,859,272	

# Claimed Portfolio Content Category of RPS Procurement

	2011	2012	2013	CP TOTAL	
Portfolio Content Category	MWh	8/1\A/h	MWh MWh	MWh	% of Total RPS
	1010011	1414011		1010011	Procurement
RECs Procured from PCC 0 Eligible Resources	1,623,595	1,654,544			47.6%
RECs Procured from PCC 1 Eligible Resources	1,756,610	1,481,145			50.2%
RECs Procured from PCC 2 Eligible Resources	0	0			0.0%
RECs Procured from PCC 3 Eligible Resources	0	241,636			2.2%
Total	3,380,205	3,377,325	4,101,742	10,859,272	

Data Reported by: San Diego Gas & Electric August 1, 2013

## **Compliance Summary and Charts**

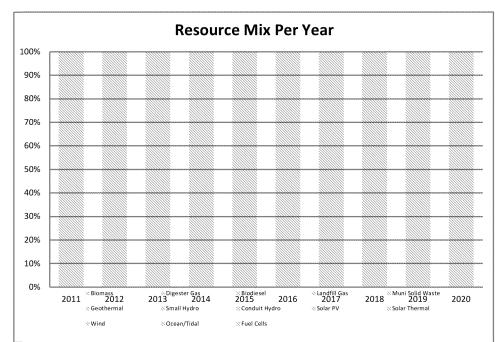
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Retail Sales (MWh)	16,249,031	16,626,721					18,661,000	19,090,000	19,571,000	20,042,000
Annual % Target	20.0%	20.0%	20.0%	21.7%	23.3%	25.0%	27.0%	29.0%	31.0%	33.0%
Annual RPS Target	3,249,806	3,325,344					5,038,470	5,536,100	6,067,010	6,613,860
Procurement Quantity Requirement								23,25	5,440	

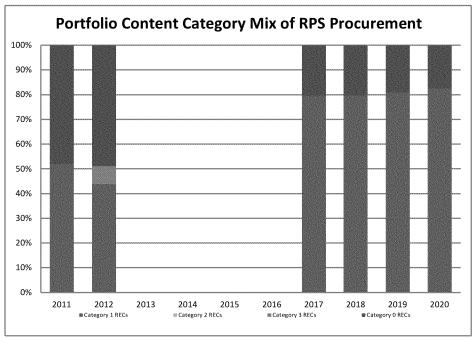
## Resource Mix

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Total RPS Procurement	3,380,205	3,377,325	4,101,742	5,518,951	6,355,829	6,975,974	7,378,665	7,337,762	7,214,107	7,028,540
Biomass	353,605	477,325	403,285	197,670	59,616	59,616	59,616	59,616	59,616	59,616
Digester Gas	0	139,433	0	0	0	0	0	0	0	0
Biodiesel	0	0	0	0	0	0	0	0	0	0
Landfill Gas	215,822	226,425	165,913	162,905	161,354	161,354	142,248	127,937	142,930	138,988
Muni Solid Waste	0	T 0	0	0	0	0	0	0	0	0
Biopower Subtotal	569,427	843,183	569,198	360,576	220,970	220,970	201,864	187,553	202,546	198,604
Geothermal	782,976	950,703	423,085	109,550	0	0	0	0	0	0
Small Hydro	0	0	0	21,778	21,778	21,778	21,778	21,778	21,778	21,778
Conduit Hydro	16,866	20,562	22,497	25,563	25,563	25,563	6,421	3,912	3,912	3,912
Solar PV	2,364	3,264	818,551	1,831,597	2,661,830	3,279,277	3,720,217	3,696,133	3,672,226	3,648,483
Solar Thermal	0	0	0	0	0	0	0	0	0	0
Wind	2,008,572	1,559,613	2,268,411	3,169,888	3,425,687	3,428,385	3,428,385	3,428,385	3,313,644	3,155,762
Ocean/Tidal	0	0	0	0	0	0	0	0	0	0
Fuel Cells	0	0	0	0	0	0	0	0	0	0

# Portfolio Content Category Mix

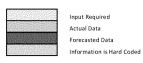
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Category O RECs	1,623,595	1,654,544					1,503,126	1,486,306	1,386,558	1,224,734
Category 1 RECs	1,756,610	1,481,145					5,875,539	5,851,456	5,827,548	5,803,806
Category 2 RECs	0	0					0	0	0	0
Category 3 RECs	0	241,636					0	0	0	0





## **Annual RPS Compliance Report: Compliance Status**

Data Reported by: San Diego Gas & Electric August 1, 2013



Information from the 20% RPS Compliance Program (MWh)	Actual
Total Retail Sales in 2010	16,282,682
Net Surplus/(Deficit) from 20% RPS Closing Report	(78,423)

	С	ompliance Period	1	(	Compliance Period	Compliance Period 3						
	Act	wai					ecast					
Annual RPS Procurement and Percentages (MWh)	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020		
Annual Retail Sales	16,249,031	16,626,721					18,661,000	19,090,000	19,571,000	20,042,000		
Annual RPS Procurement	3,380,205	3,377,325	4,101,742	5,518,951	6,355,829	6,975,974	7,378,665	7,337,762	7,214,107	7,028,540		
Annual Percentage Targets	20.0%	20.0%	20.0%	21.7%	23.3%	25.0%	27.0%	29.0%	31.0%	33.0%		
Annual RPS Procurement Percentage	20.8%	20.3%					39.5%	38.4%	36.9%	35.1%		

	(	ompliance Period	1	(	ompliance Period	2	Compliance Period 3						
Procurement Quantity Requirement (MWh)	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020			
Procurement Quantity Requirement (PQR)								23,25	5,440				
PCC 0 RECs Retired (Annual)	289,739	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a			
PCC 1 RECs Retired (Annual)	313,964	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a			
PCC 2 RECs Retired (Annual)	0	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a			
PCC 3 RECs Retired (Annual)	0	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a			
Annual Percentage Targets	20.0%	20.0%	20.0%	n/a	n/a	n/a	n/a	n/a	n/a	n/a			
RECs Retired as Percentage of Retail Sales	3.7%	0.0%	0.0%	n/a	n/a	n/a	n/a	n/a	n/a	n/a			
Total RECs Retired (Compliance Period)		603,703			n/a		n/a						

	Compliance Period 1	Compliance Period 2	Compliance Period 3
Portfolio Balance Requirements (MWh)	2011 2012 2013	2014 2015 2016	2017 2018 2019 2020
PCC 1 RECs Retired (Compliance Period)		n/a	n/a
PCC 2 RECs Retired (Compliance Period)		n/a	n/a
PCC 3 RECs Retired (Compliance Period)		n/a	n/a
PCC 1 Balance Requirement		n/a	n/a
Excess/(Shortfall) Retirements from PCC 1		n/a	n/a
PCC 3 Balance Limitation		n/a	n/a
Ineligible Category 3		n/a	n/a

	Compliance Period 1	Compliance Period 2	Compliance Period 3
Excess Procurement Calculation (MWh)	2011 2012 2013	2014 2015 2016	2017 2018 2019 2020
PCC 0 RECs applied to PQR	289,739	n/a	n/a
Long-Term PCC 1 RECs applied to PQR	0	n/a	n/a
Short-Term PCC 1 RECs applied to PQR	313,964	n/a	n/a
Long-Term PCC 2 RECs applied to PQR	0	n/a	n/a
Short-Term PCC 2 RECs applied to PQR	0	n/a	n/a
Long-Term PCC 3 RECs applied to PQR	0	n/a	n/a
Short-Term PCC 3 RECs applied to PQR	Ô	n/a	n/a
Excess RECs Eligible for Banking	0	n/a	n/a
Excess PCC 0 RECs	0	n/a	n/a
Excess PCC 1 RECs	0	n/a	n/a
Excess PCC 2 RECs	0	n/a	n/a
Remaining Excess RECs Eligible for Banking and Requiring a Category Assignment	0	n/a	n/a

	Compliance Period 1	Compliance Period 2	Compliance Period 3
Excess Procurement Bank (MWh)	2011 2012 2013	2014 2015 2016	2017 2018 2019 2020
PCC 0 Bank	0	n/a	n/a
PCC 1 Bank	0	n/a	n/a
PCC 2 Bank	0	n/a	n/a
Application of PCC 0 Banked RECs	0	n/a	n/a
Application of PCC 1 Banked RECs	0	n/a	n/a
Application of PCC 2 Banked RECs	0	n/a	n/a
Cumulative PCC 0 Bank	0	n/a	n/a
Cumulative PCC 1 Bank	0	n/a	n/a
Cumulative PCC 2 Bank	0	n/a	n/a

	Compliance Period 1	Compliance Period 2	Compliance Period 3
RPS Compliance Status (MWh)	2011 2012 2018	2014 2015 2016	2017 2018 2019 2020
Additional RECs Needed to meet RPS Procurement Quantity Requirement		n/a	n/a

visional 20% Closing Report	2011 2012 2013
Deficit from Provisional 20% RPS Closing Report	(78,423)
PCC 0 RECs applied to PQR	289,739
Long-Term PCC 1 RECs applied to PQR	0
Short-Term PCC 1 RECs applied to PQR	313,964
Long-Term PCC 2 RECs applied to PQR	0
Short-Term PCC 2 RECs applied to PQR	0
Long-Term PCC 3 RECs applied to PQR	0
Short-Term PCC 3 RECs applied to PQR	0
Application of PCC 0 RECs to 20% Closing Report Deficit	0
Application of Long-term PCC 1 RECs to 20% Closing Report Deficit	0
Application of Short-term PCC 1 RECs to 20% Closing Report Deficit	0
Application of Long-term PCC 2 RECs to 20% Closing Report Deficit	0
Application of Short-term PCC 2 RECs to 20% Closing Report Deficit	0
Application of Long-term PCC 3 RECs to 20% Closing Report Deficit	0
Application of Short-term PCC 3 RECs to 20% Closing Report Deficit	0
Cumulative Closing Report Deficit	(78,423)

## Annual RPS Compliance Report: Procurement Detail

Data Reported by: San Diego Gas & Electric August 1, 2013 Input Required
Actual Data
Forecasted Data

	Actu	al MWh	100000000000000000000000000000000000000								Forecast	ed MWh								
Procurement Summary (MWh)	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Total Annual Procurement	3,380,205	3,377,325	4,101,742	5,518,951	6,355,829	6,975,974	7,378,665	7,337,762	7,214,107	7,028,540	7,017,383	7,001,737	6,915,404	6,563,618	6,272,447	5,035,207	6,018,678	6,003,427	5,988,233	5,973,40
PCC 0 RECs Procured	1,623,595	1,654,544					1,503,126	1,486,306	1,386,558	1,224,734	1,229,300	1,229,301	1,158,548	839,560	570,643	409,187	409,188	409,189	409,190	409,19
PCC 1 RECs Procured	1,756,610	1,481,145					5,875,539	5,851,456	5,827,548	5,803,806	5,788,082	5,772,435	5,756,855	5,724,050	5,701,804	5,627,019	5,609,489	5,594,238	5,579,043	5,564,2
PCC 2 RECs Procured	0	0					0		0	0	0	0	0	0	0	0	0	0	0	0
PCC 3 RECs Procured	0	241,636					0	0	0	0	0	0	0	0	0	0	0	0	0	0
								1		<del></del>			1		T		T		T	T
Procurement from Long-Term (>= 10 years)	1,661,680	2,150,787					7,378,665	7,337,762	7,214,107	7,028,540	7,017,383	7,001,737	6,915,404	6,563,610	6,272,447	6,036,207	6,018,678	6,003,427	5,988,233	5,973,4
Procurement from Short-Term (< 10 years)	1,718,525	1,226,538		1			0		0		0	0	<u> </u>	1 0	<u>; 0</u>	[ 0			<u> </u>	
Long Term Contracting Requirement							ı	N/	'A											
Expected Total RECs from long-term contracts	58,176,672	33,343,468					0	0	0	0										
Expected Total RECs from short-term contracts	1,325,120	543,323					0	0	0	0										
Long Term Contracting Requirement Shortfall		0			N/A			N/	Α.		1									

PS-Eligible Procurement By Resource Type	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Biomass	353,605	477,325	403,285	197,670	59,616	59,616	59,616	59,616	59,616	59,616	59,616	59,616	59,616	59,616	19,872	0	0	0	0	0
Digester Gas	0	139,433	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Biodiesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Landfill Gas	215,822	226,425	165,913	162,905	161,354	161,354	142,248	127,937	142,930	138,988	138,988	138,988	68,234	50,952	50,952	50,952	50,952	50,952	50,952	50,95
Muni Solid Waste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Ö	0
Biopower Subtotal	569,427	843,183	569,198	360,576	220,970	220,970	201,864	187,553	202,546	198,604	198,604	198,604	127,850	110,568	70,824	50,952	50,952	50,952	50,952	50,95
Geothermal	782,976	950,703	423,085	109,550	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Hydro	0	0	0	21,778	21,778	21,778	21,778	21,778	21,778	21,778	21,778	21,778	21,778	21,778	21,778	21,778	21,778	21,778	21,778	21,77
Conduit Hydro	16,866	20,562	22,497	25,563	25,563	25,563	6,421	3,912	3,912	3,912	3,912	3,912	3,912	3,912	3,912	3,912	3,912	3,912	3,912	3,91
Solar PV	2,364	3,264	818,551	1,831,597	2,661,830	3,279,277	3,720,217	3,696,133	3,672,226	3,648,483	3,632,759	3,617,111	3,601,530	3,586,005	3,570,558	3,555,166	3,539,849	3,524,597	3,509,400	3,494,
Solar Thermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Ö	0
Wind	2,008,572	1,559,613	2,268,411	3,169,888	3,425,687	3,428,385	3,428,385	3,428,385	3,313,644	3,155,762	3,160,329	3,160,331	3,160,333	2,841,346	2,605,374	2,404,398	2,402,186	2,402,188	2,402,190	2,402,1
Ocean/Tidal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fuel Cells	n	n	Π 0	n	n	l n	I 0	n	0	n	n	n	0	0	0	n	Π	n	0	0

Contract Detail	2011	2012	2013 2014	2015 2016	2017 2018	2019 202	2021 2022	2 2023	2024 2025	2026 2027	2028 2029	2030				
CPUC ID Contract Year Contract Detail	3,380,205	3,377,325	4,101,742 5,518,951	6,355,829 6,975,974	7,378,665 7,337,76	2 7,214,107 7,028,	540 7,017,383 7,001,7	37 6,915,404	6,563,610 6,272,447	6,036,207 6,018,678	6,003,427 5,988,233	5,973,463 Centra	ict Status	Facility Status Resource Type Classification	Contract Length Bundled/ Unbundled	Facility Location (City)   Facility Location (Ci
N/A Pre-2002 Badger Filtration Plant	346	364	899 842	842 842	842							CPUC	approved	online Conduit Hydro	Long-term Bundled	
N/A Pre-2002 Bear Valley Hydro N/A Pre-2002 Olivenhain Municipal	16 852	86 1,025	1,254 2,349 975 943	2,349 2,349 943 943	2,349 2,349 943 943	2,349 2,34 943 943	9 2,349 2,349 943 943 620 620	2,349	2,349 2,349 943 943	2,349 2,349 943 943	2,349 2,349 943 943	2,349 CPUC	approved approved	online Conduit Hydro online Conduit Hydro online Conduit Hydro online Conduit Hydro	Long-term Bundled Long-term Bundled	Escondido CA 04/13/94 77,708 1.5 Olivenhain CA 09/16/87 32,111 0.5
N/A Pre-2002 San Francisco Peak Hydro Plant		579	510 620	620 620	620 620	620 620	620 620	620	620 620	620 620	620 620	620 CPUC	approved	online Conduit Hydro online Landfill Gas	Long-term Bundled Long-term Bundled	Oceanside CA 08/29/85 21,597 0.4
\$D1005 2002 MM+San Diego - Miramar		28,964										CPUC	approved approved	online Landfill Gas	Long-term Bundled	San Diego CA 10/31/02 297,464 3.0
SD1006         2002         MM - San Diego - North City           SD1003         2002         GRS - Coyote Canyon		7,987 51,607											approved approved	online Landfill Gas online Landfill Gas	Long-term Bundled Long-term Bundled	San Diego CA 10/31/02 33,726 1.0   Irvine CA 10/31/02 257,472 6.1
\$D1003         2002         GRS- Coyote Canyon           \$D1007         2002         GRS - Sycamore           \$D7000         2002         Qasis Power Partners	13,290	11,969	9,093 1,551	157.882 157.882	157883 157883	157 887						CPUC	approved approved	online Landfill Gas online Landfill Gas online Wind	Long-term Bundled Long-term Bundled	trvine         CA         10/31/02         257,472         6.1           Santee         CA         10/31/02         70,000         2.55           Moiave         CA         10/30/02         1.808.448         60.0
SD7001 2002 Iberdrola Mt Wind:	74,153	70,314	72,221 76,609	76,609 76,609	76,609 76,609							CPUC	approved	online Wind	Long-term Bundled Long-term Bundled	Riverside County CA 11/01/02 829,599 22.8
SD7002         2002         Iberdrola Pwest           SD7003         2002         FPL/WTE Acquisition	35,706	29,307	5,590 6,445 31,909 31,686	31,686 31,686	31,686 31,686							CPUC CPUC	approved approved	online Wind online Wind online Conduit Hydro	Long-term   Bundled	Palm Springs   CA   10/31/02   353,808   16,5
SD4000         2003         SDCWA - Rancho Penasquitos           SD7004         2004         Kurneyaay	15,080	18,508	18.860 20.809	20,809 20,809 141,585 141,585	1.667		35 141,585 141,58	35 141,585	141.585 141.585			CPUC	approved approved	online Conduit Hydro online Wind	Long-term Bundled Long-term Bundled	San Diego         CA         11/20/03         179,985         4.5           Boulevard         CA         05/31/04         2,579,921         50.0
SD1009         2005         MM Prima Deshecha           SD1008         2005         Covanta Otay 3	38,249	43,123	32,969 40,101	40,101 40,101 23,106 23,106	40,101 47,765	70,754 70,75	4 70,754 70,75	4				CPUC	approved	online Landfill Gas online Landfill Gas online Wind	Long-term Bundled	San Juan Capistrano CA 09/06/05 726,226 12.2
SD7014 2005 Pacific Wind		109,644	404,398 365,000	365,000 365,000	365,000 365,000	365,000 365,0	00 369,566 369,56	369,568	369,569 369,570	369,571 369,572	369,573 369,574	369,575 CPUC	approved approved	online Landill Gas online Wind	Long-term Bundled	Tehachapi CA 10/14/05 7,364,169 140.0
\$D4001         2006         San Diego MWD (Point Loma)           \$D2000         2006         Covanta Delano (formerly AES Delano)	20,556 343,984	20,404 322,023	18,051 17,974 332,891 138,054	17,974 17,974	17,974							CPUC	approved approved	online Landfill Gas online Bromass	Long-term Bundled	Chula Vista CA 12/22/06 12/31/12 179,332 5.0 Delano CA 12/21/06 2,136,939 49.0
SD5000         2906         Campo Verde Solar ( formerly Mt Signal Solar &Bethel 1 )           SD2001         2008         Blue Lake Power	9,621		118 063 366 156	369,840 367,220 59,616 59,616	364,610 361,990	359,380 356,7	70 354,150 351,54 6 59,616 59,61	10 348,930	346,310 343,700 59,616 19,872	341,080 338,470	335,860 333,240		approved approved	under development on schedule Solar PV online Biomass	Long-term Bundled Long-term Bundled	Imperial Valley
SD7005 2008 Naturener (Glacier Wind Energy 1)	315,043	288,296	284,693 273,155	273.155 273.155	273,155 273,155	273,155 273,1	55 273,155 273,15	5 273,155	23919 13202			CPUC	approved	online Wind online Wind	Long term Bundled	Ethridge         MT         05/16/08         4,147,225         106.5           Ethridge         MT         05/23/08         4,172,213         103.5
SD/2006         2008         Naturener (Glader Wind Energy 2)           SDS040         2008         SDG&E Solar Energy Project	324,659	289,846	269,201 275,008 30,000	275,008 275,008 30,000 30,000	275,008 275,008 30,000 30,000	275,008 275,0 30,000 30,00	55 273,155 273,15 08 275,008 275,00 0 30,000 30,000	0 30,000	30,000 30,000	30,000 30,000	30,000 30,000	30,000 CPUC	approved approved	under development - on schedule Solar PV	Long-term Bundled	San Diego CA Various n/a combined with RAM 26.0
SD7010         2009         Whitewater Hill Wind Partners, LLC 09-11           SD7009         2009         Cabazon Wind Partners, LLC 09-11	556,149 379,400		<b> </b>									CPUC	approved approved	online Wind	Short-term Bundled Short-term Bundled	Palm Springs         CA         09/10/09         313,964         104.4           Palm Springs         CA         09/10/09         621,585         104.4
SD1000   2009   OtayLandfill     SD1012   2009   San Marcos Landfill (FIT)	12,441 5,738	12,432	12,237 11,938 9,934 11,489	11,938 11,938 11,489 11,489	11,938 11,938	3,942	9 11,489 11,489	9 11 490	51 480 11 460	11,489 11,489	11,489 11,489	CPLIC	approved approved	online Landfill Gas online Landfill Gas	Long-term Bundled	Chula Vista         CA         05/01/09         133,147         1.5           San Marcos         CA         11/20/09         241,213         1.5
SD1022 2009 Sycamore Landfill - (FIT)	1,747	2,579	4,082 2,546	2,546 2,546	2,546 2,546	2,546 2,54	5 2,546 2,546	2,546	2,546 2,546	2,546 2,546	2,546 2,546	2,546 CPUC	approved	online Landfill Gas	Long-term Bundled	Santee CA 11/20/09 62,769 1.5
\$D7007 2009 NaturEner (RimRock) \$D7015 2010 Coram	26,112						00 646,000 646,00 0 29,230 29,230				646,000 646,000	CPRIC	approved approved	under development delayed Wind online Wind	Long term Bundled Long term Bundled	Kevin         MT         05/05/09         13,127,877         189.0           Tehachapi         CA         7/15/10         434,784         7.5
N/A         2010         SDG&E Sustainable Communities PV           SD3000         2010         Calpine - Geysers	2,364	3,064 219,600	3,151 3,158	3,158 3,158	3,158 3,158	3,158 3,15	3 3,158 3,158	3,158	3,158 3,158	3,158 3,158	3,158 3,158	3,158 CPUC	approved approved	online Solar PV online Geothermal	Long-term Bundled Short-term Bundled	Various San Diego County         CA         05/30/10         102,653         0.5           Sonoma & Lake County         CA         2/26/10         950,175         25.0
SD5001 2010 Centinela Solar Energy			74,226 265,670	264,342 263,020		259,094 257,7	9 256,510 255,22	27 253,951	252,681 251,418	250,161 248,910	247,666 246,427	245,195 CPUC	approved	under development - on schedule Solar PV	Long-term Rundled	Calexico CA 05/10/10 5,201,253 125.0
SD5002         2010         Centinela Solat Energy II           SD5003         2010         CSolar IV South (Tenaska South)			149,0\$1 279,006	277,611 276,223	274,842 273,468	272,100 270,7	0 61,879 61,569 10 269,386 268,03	39 266,699	265,365 264,039	262,718 261,408	59,745 59,446 260,098 258,797	257,503 CPUC	approved approved	under development - on schedule Solar PV under development - on schedule Solar PV	Long-term Bundled Long-term Bundled	Calexico         CA         07/29/10         1,216,010         30.0           Calexico         CA         11/10/10         7,403,308         130.0
SD1001   2011   Otay Eardfill    SD3001   2011   Silicon Valley Power (SVP)	6,235 176,680		11,244 11,958	11,958 11,958	11,958 11,958	11,958 11,95	8 11,958 11,958	8 11,958	11,958 11,958	11,958 11,958	11,958 11,958	11,958 CPUC CPUC	approved approved	online Landfill Gas online Geothermal	Long-term Bundled Short-term Bundled	San Diego         CA         02/22/11         273,675         1.5           Santa Clara         CA         06/30/11         351,360         40.0
SD3003 2011 Calpine Energy Services	25,020	377 332	254.040									CPUC	approved	online Geothermal	Short-term Bundled Short-term Bundled	Sonoma & Lake County CA 09/26/11 25,020 11.5
SD3002         2011         Southern California Edison I           SD7018         2011         Mesa Wind Power Corporation	362,276	34,199	43,518									CPUC	approved approved	online Wind	Short-term Bundled	Various         CA         03/23/12         871,023         193,0           Riverside County         CA         11/02/11         77,717         30.0
SD 7016   2011   Ocotillo Express, LLC (Pattern)   SD 5033   2011   Catalina Solar LLC (enXco Catalina)		15,168 200	403,084 789,276 199,744 260,898		254,506 252,375	789,276 789,2 250,244 248,1	13 245,983 243,85	2 241,721	789,276 789,276 239,590 237,460	789,276 789,276 235,329 233,198	789,276 789,276 231,067 228,937	227.158 CPUC	approved approved	under development - delayed Wind under development - delayed Solar PV	Long-term Bundled Long-term Bundled	Imperial Valley
\$05032         2011         LS Power Arlington Valley Solar II           \$07017         2011         Sempra Energia Sierra Juarez (ESJ)		-	95,658 272,973	271,608 270,250 338,331 338,331	268,898 267,554	266,216 264,8	35 263,561 262,24 31 338,332 338,33 0 65,518 64,86	13 260,932 13 338 334	259,627 258,329 338,335 338,336	257,037 255,752 338,337 338,338 62,307 61,684	254,473 253,201 338,339 338,340 61,067 60,456	251,935 CPUC	approved	under development on schedule Solar PV under development delayed Wind	Long-term Bundled	Hassayampa AZ 06/03/11 7,203,494 127.0
SD5005   2011   Sempra Citergia Serra (Garez (LSV))			0 112,777 71,003 70,293	69,590 68,894	68,205 67,523	66,848 66,18	0 65,518 64,86	3 64,214	63,572 62,936	62,307 61,684	61,067 60,456	338,341 CPUC 59,852 CPUC	approved	online Solar PV	Long-term Bundled Long-term Bundled	Ejido Jacume         MEXICO 04/06/11         6,747,872         150,0           Borrego Springs         EA 01/25/11         1,747,588         26.0
\$D5026 \$D5029 2011 Sol Orchard (4 Contracts)			28,546	28,346 28,148	27,951 27,755	27,561 27,36 112,500 112,0		6 26,797 50 112,050	26,610 26,423 112,050 112,050	26,238 26,055	25,872 25,691 112,050 112,050	25,511 CPUC 112,050 CPUC	approved	under development - delayed Solar PV	Long-term Bundled Long-term Bundled	Various, San Diego County         CA         04/11/11         728,014         15.0           Boulevard         CA         05/17/11         3,143,572         45.0
SD5031         2011         Tierra Del Sol Solar Farm           SD5030         2011         Rugged Solar			-	114,318 113,861 203,232 202,419	113,405 112,952 201,609 200,803		00 112,050 112,05 00 199,200 199,20		199,200 199,200	112,050 112,050 199,200 199,200	199,200 199,200	199,200 CPUC	approved approved	under development - on schedule Solar PV under development on schedule Solar PV	Long term Bundled	Boulevard CA 05/17/11 5,588,571 80.0
SD5004   2011   CSolar IV (Tenaska West)   SD5008   2011   Desert Green Solar Farm	-	-	9,527	12,664 12,613		300,628 299,1 12,462 12,41	25 297,629 296,14 3 12,413 12,41	11 294,660 3 12,413	293,187 291,721 12,413 12,413	290,263 288,811 12,413 12,413	287,367 285,930	284,501 CPUC	approved	under development - on schedule Solar PV under development - on schedule Solar PV	Long-term Bundled Long-term Bundled	Imperial Valley   CA   03/08/11   7,420,822   140.0
\$D5006 2011			8,468 9.527	50,774 50,571	50,369 50,167 12,563 12,513	49,967 49,76	7 49,767 49,76 3 12,413 12,41	7 49,767	49,767 49,767	49,767 49,767	49,767 49,767 12,413 12,413	49,767 CPUC	approved	under development on schedule Solar PV	Long-term Bundled	Boulevard   CA   03/31/11   1,396,361   20.0     Boulevard   CA   03/31/11   349,432   5.0
SD1013 2011 Otay Landfill V - CRE (FIT)		-	5,400 12,480	12,480 12,480	12,480 12,480	12,480 12,48	0 12.480 12.480	0 12.480	12.480 12.480	12.480 12.480	12,480 12,480	12,480 CPUC	approved	under development on schedule Solar PV online Landfill Gas	Long-term Bundled Long-term Bundled Long-term Bundled	San Diego CA 12/27/11 248,333 1.5
SD1014         2011         OtayLandfill VI - CRE (FIT)           SD5034         2012         \$62 Imperial Valley (Formerly Solar Gen2)	_		5,400 12,480 223,090	12,480 12,480 388,353 385,635	12,480 12,480 382,935 380,255	12,480 12,48 377,593 374,9	6 12,480 12,480 50 372,325 369,71	0 12,480 19 367,131	12,480 12,480 364,561 362,009	12,480 12,480 359,475 356,959	12,480 12,480 354,460 351,979	12,480 CPUC 349,515 CPUC	approved approved	online Landfill Gas under development - delayed Solar PV	Long term   Bundled	Imperial Valley   CA   11/16/12   10,129,103   150.0
N/A 2012 Silverado Victor Mesa Linda B (1st round of RAM) N/A 2012 Silverado Western Antelope Dry Ranch (1st round of RAM)			400 9,501 19,003	9,324 9,231 18,649 18,462	9,139 9,047 18,277 18,095	8,957 8,86 17,914 17,73	7 8,779 8,691 5 17,557 17,38	L 8,604 2 17.208	8,518 8,433 17,036 16,865	8,348 8,265 16,697 16,530	8,182 8,100 16,364 16,201	8,019 CPUC 16,039 CPUC	approved	under development - delayed Solar PV under development - on schedule Solar PV	Long-term Bundled Long-term Bundled	Victorville   CA   03/30/12   171,944   5.0
N/A         2012         STI Lassen Lodge Hydro (2nd round of RAM)           N/A         2012         Sun Edison Cascade (2nd round RAM)		-	21,778	21,778 21,778	21,778 21,778	21,778 21,77	8 21,778 21,779	8 21,778	21,778 21,778	21,778 21,778	21,778 21,778	21,778 CPUC	approved	under development on schedule Small Hydro	Long-term Bundled	Lassen CA 11/07/12 435,560 5.0 Sun Fair CA 11/17/12 986,827 18.5
SD7019 2012 Manzana Wind		22,561	284,756   259,000	259,000 1 259,000	259,000 1 259,000	259,000 1 259,0	4 32,923 32,422 00 259,000 259,00	0 32,033	259,000 259,000	259,000 259,000 453,008 453,008	259,000 259,000	259,000   CPUC	approved	onine wind	Long-term Bundled	Tehachapi CA 02/14/12 5,227,607 1,00:0
SD5037 2012 Imperial Valley Solar I (Formerly AES-Solar/8minenergy Mt. Signal Solar) N/A 2012 Zodiac Power Solar A - CRE (FIT)		-	104,977 492,850 2,600	485,974 479,195 3,900 3,900	472,509 465,917 3,960 3,900	459,417 453,0 3,900 3,90	08 453,008 453,00 0 3,900 3,900	1 3,900 3,900	453,008 453,008 3,900 3,900	453,008 453,008 3,900 3,900	453,008 453,008 3,900 3,900	453,008 CPUC 3,900 CPUC	approved approved	under development on schedule Solar PV under development on schedule Solar PV	Long-term Bundled Long-term Bundled	Imperial Valley   CA   02/10/12   13,036,233   200.0     Portero   CA   10/29/12   77,801   1.5
N/A 2012 Zodiac Solar E - CRE (FIT) N/A 2012 Con Dios Solar 33 - CRE (FIT)			1,633 1,000 4,776	2,450 2,450 4,743 4,709	2,450 2,450 4,676 4,644	2,450 2,45 4,611 4,57	455,008 455,000 3,900 3,900 1 2,450 2,450 2,450 9 4,547 4,515 8 46,510 46,18 7 56,688 56,29	2,450	2,450 2,450 4,452 4,421	2,450 2,450 4,390 4,359	2,450 2,450 4,339 4,398	2,450 CPUC	approved approved	under development on schedule Solar PV under development on schedule Solar PV under development on schedule Solar PV	Long-term Bundled Long-term Bundled	Pottero         EA         10/25/12         48,875         1.0           Valley Center         CA         11/02/12         50,427         1.5
N/A 2012 Gestamp Calipatria			1 1,000 1,000	38,211 48,172	47,835 47,500	47,168 46,83	8 46,510 46,18	4 45,861	45,540 45,221	44,905 44,590	44,278 43,968	43,660 CPUC	approved	under development - on schedule Solar PV under development - on schedule Solar PV	Long-term Bundled	Calipatria CA 12/13/12 908,933 20.0
N/A 2012 Regenerate Seville N/A 2012 Noble America Energy Solutions LLC (Portfolio Sale-Resources are Primarily Geothermal/Long-Term Contrac	ts)		(49,980)	46,354 58,714	58,393 57,895	57,490 57,08	7 56,688 56,29	1 55,897	55,506 55,117	54,/31 54,348	53,968 53,590	53,25 CPUC	approved approved	under development on schedule Solar PV online Geothermal online Digester Gas	Long term Bundled Long term Bundled	El Centro CA 12/13/12 1,107.621 70.0 Various CA 12/18/12 (49.960) N/A Various CA 12/18/12 139/433 N/A
N/A         2012         Finerty Group           N/A         2012         Southern California Edison II {Portfolio}		139,433 301,687										CPUC CPUC	approved approved	online Digester Gas online Geothermal	Short-term Unbundled Short-term Bundled	Various CA 12/18/12 139,433 N/A
S02009   2012   Sierra Pacific Industries   S07011   2012   Cabazon Wind Partners, LLC 12-13		102,203 118,437	110 703			1-1-						CPUC	approved approved	online Geothermal online Biomass online Wind	Short-term Unbundled	Various         CA         03/23/12         301,687         103.0           Various         CA         03/30/12         102,203         NI/A           Palm Springs         CA         07/03/12         237,229         40.9
SD7012 2012 Whitewater Hill Wind Partners, 12-13 LLC		202,532	198,749									CPUC	approved	online Wind	Long-term Bundled	Palm Springs CA 07/03/12 401,281 61.5
N/A         2013         NLP Valley Center Solar (RAM)           N/A         2013         Oak Creek Wind Power (RAM)			12,566 6,233	16,754 16,704 6,800 6,800	16,654 16,604 6,800 6,800	16,554 16,50 6,800 6.80	4 16,455 16,409 0 6,800 6.800	5 16,356 6,800	16,307 16,258 6,800	16,209 16,161	16,112 16,064	16,016 CPUC CPUC	approved approved	under development - on schedule Solar PV under development - on schedule Wind under development - on schedule Wind	Long-term Bundled Long-term Bundled Long-term Bundled	Valley Center         CA         04/16/13         334,190         7.0           Mojave         CA         04/16/13         74,233         3.5
N/A 2013 San Gorgonio Westwinds II (RAM) N/A 2013 Maricopa West Solar PV (RAM)		1	14,388	29,679 32,377 57,550 57,363	32,377 32,377	32,377 32,37 56,400 57,1	0 6,800 6,800 7 32,377 32,37 6 55,845 55,566	7 32,377	32,377 32,377 66,001 64,756	54,463 54,190	53,919 53,650	CPUC	approved approved	under development on schedule Wind under development on schedule Solar PV	Long-term Bundled Long-term Bundled	Palm Springs         CA         04/16/13         353,449         11.2           Portero         CA         04/16/13         1,059,999         20.0
N/A 2012 MM San Diego - Miramar (RAM)			18.101 17.282	17.282 17.282	17.282 17.282	17.282 17.28	2 17.282 17.28	2 17.282				CPUC	approved	online Landfill Gas	Long term Bundled	San Diego CA 11/09/12 190 921 3.0
N/A         2013         Fresh Air Energy Buckman Springs PV 1 (FIT)           N/A         2013         Fresh Air Energy Buckman Springs PV 2 (FIT)				3,349 3,349	3,349 3,349	3,349 3,34	3,349 3,349	3,349	3,349 3,349	3,349 3,349	3,349 3,349	3,349 CPUC	approved	under development - on schedule Solar PV under development - on schedule Solar PV	Long-term Bundled Long-term Bundled	Pine Valley, CA         CA         05/22/13         66,959         1.5           Pine Valley, CA         CA         05/22/13         66,959         1.5
N/A         2013         Fresh Air Energy Viejas Blvd PV 1 [FIT]           N/A         2013         ECOS Energy Calico Ranch Solar Project [FIT]			2,512 776	3,349 3,349 2,329 2,329	3,349 3,349 2,329 2,329	3,349 3,34 2,329 2,32	9 3,349 3,349 9 2,329 2,329	3,349	3,349 3,349 2,329 2,329	2 240 2 240	3,349 3,349 2,329 2,329	3,349 CPUC 2,329 CPUC	approved	under development on schedule Solar PV under development on schedule Solar PV	Long-term Bundled Long-term Bundled	Descanso, CA         CA         05/22/13         66,959         1.5           Julian, CA         CA         06/07/13         46,489         1.0
N/A 2013 Noble America Energy Solutions LLC If (Portfolio Sale-Resources are Primarily Solar PV/Long-Term Contracts			(200,000)	(200,000)	1923	21227 2132	2,923 2,923		5622		3357	pending C	PUC approval PUC approval	N/A Solar PV	Long-term Bundled	Various CA 02/22/13 (400,000) N/A
N/A 2013 Pilot Power Group (Portfolio Sale-Resources are Primarily Solar PV/Long-Term Contracts) N/A 2013 Exelon I (Portfolio Sale Resources are Primarily Wind/LongTerm Contracts)			(200,000)	(115,000) (160,000)								pending C	PUC approval	N/A Solar PV N/A Wind	Long-term Bundled Long-term Bundled Long-term Bundled	Various         CA         02/28/13         (380,000)         N/A           Various         CA         04/08/13         (200,000)         N/A
N/A 2013 Silicon Valley Power (*13) (Portfolio Sale-Resources are Primarily Wind/Long-Term Contracts)  N/A 2013 Imperial Irrigation District (Portfolio Sale-Resources are Primarily Wind/Long-Term Contracts)		-	(150,000)			+	+-+-	+-T				pending C	PUC approval PUC approval	N/A Wind N/A Wind	Long-term Bundled	Various   CA   07/05/13   (252,000)   N/A
N/A 2013 Exelon II (Portfolio Sale-Resources are Primarily Solar PV/Long-Term Contracts)			(300,000)	(300,000)								pending C	PUC approval	N/A Solar PV	Long-term Bundled	

N/A	RAM (remaining	balance , after RAM 1-3)		T	47,17	3 188,690	188,690 188,6	90 188,690	188,690 188	3,690	188,690 188,690	188,690 188,6	0 188,69	0 188,690	188,690	188,690 188,690	CPUC approved	under development - on schedule Solar PV	Long-term	Bundled	Various	CA Various	4,953,123	3 71
N/A	FIT (remaining b	alance)		***************************************	21,841 58,44	1 79,851	79,884 79,9	6 79,949	79,981 80	013	80,045 80,077	80,108 80,1	9 80,170	0 80,201	80,231	80,262 80,292	CPUC approved	under development on schedule Solar PV under development on schedule Solar PV	Long-term Long-term	Bundled	Various	CA Various	1,535,379	9 36.
	l Contract																							
	ear Expired Contracts/ Contracts		2,427,132 3,11		861,269 604,7		1,184,198 1,167,	379 1,067,631	905,807 905	5,807	905,807 835,053	516,063 223,0	54 2,214	1 0	0	0 0	notes	Resource Type						
	-2002 Badger Filtration		346 3	364 899	842 842	842	842											Conduit Hydro						
	002 MM - San Diego				17,282 17,28	2 17,282	17,282 17,2	2 17,282	17,282 17	,282	17,282 17,282	17,282						Landfill Gas						
	002 MM - San Diego		8,137 7,															Landfill Gas						
	902 GRS - Coyote Car		50,425 51, 13,290 11,	,607	<u> </u>													Landfill Gas						
	002 GRS - Sycamore				1,551													Landfill Gas						
	002 Oasis Power Par			4,434   124,478	157,882 157,8	2 157,882	157,882 157,8											Wind						
	902 İberdrola Mt Wi		74,153 70,		76,609 76,60	9 76,609	76,609 76,61								0.0000000000000000000000000000000000000			Wind						
	1002 Iberdrola Pwest		6,446 6,			6,445		5										Wind						
	002 FPL/WTE Acquis		35,706 29,		31,686 31,68	6 31,686	31,686 31,6	6										Wind						
	903 SDCWA - Rancho	) Penasquitos		3,508 18,860			1,667											Conduit Hydro						
	004 Kumeyaay		176,054 136				141,585 141,5	85 141,585	141,585   141	,585	141,585 141,585	141,585 141,5	5				1	Wind						
	005 MM Prima Desh		38,249 43		40,101 40,10			5 70,754	70,754 70	,754	70,754							Landfill Gas						
- manager and a second a second and a second a second and	005 Covanta Otay 3		23,445 22,	amminum dan managaman	23,106 23,10	6 23,106	4,000											Landfill Gas						
	006 San Diego MWD		20,556 20,	),404 18,051		4 17,974	17,974											Landfill Gas						
		(formerly AES Delano)	343,984 322	2,023 332,891	331,330 331,3	0 331,330	331,330											Biomass						
N/A	006 Covanta Delano				(165,665) (331,3	W. C.	(331,330)											Biomass						
D2001	008 Blue Lake Power		9,621 53,			59,616	59,616 59,6	6 59,616	59,616 59	,616	59,616 59,616	59,616 19,87	2					Biomass						
		ier Wind Energy 1)		8,018 284,693		5 273,155	273,155 273,1	55 273,155	273,155 273	3,155	273,155 273,155							Wind						
		ier Wind Energy 2)	324,659 289	9,846 269,201	275,008 275,0	18 275,008	275,008 275,0 11,938 11,9	08 275,008 8 3,942	275,008 275	,008	273,155 273,155 275,008 275,008	229,174						Wind						
	009 Otay Landfill I		18,076 12,	2,432 12,237	11,938 11,93	8 11,938	1 11 938 1 11 9	8 1 3.942 1		200000000000000000000000000000000000000								Landfill Gas						
	010 Coram		26,112 28,	3,740 26,960		0 29,230	29,230 29,2	0 29,230	29,230 29	,230	29,230 29,230	29,230 29,2	0 2,214					Wind						
D3000	010 Calpine - Geyser		219,000 219	9,600 219,025	109,550													Geothermal						
D3003	011 Calpine Energy S		25,020															Geothermal						
	011 Southern Califor			4,707 254,040														Geothermal						
	011 Mesa Wind Pow	er Corporation		3,636 43,518														Wind						
	011 Silicon Valley		176,680 174	4,680														Geothermal						
N/A	012 Noble America E	nergy Solutions ELC I		(49,980)														Geothermal						
N/A	012 Finerty Group			9,433														Digester Gas						
	012 Edisən 2		301	1,584														Geothermal						
	012 Sierra Pacific Ind	lustries	102	2,203														Biomass						
	012 Cabazon		118	8,437 118,792														Wind						
D7012	012 Whitewater		202	2,532 198,749														Wind						
N/A	013 Oak Creek Wind				6,233 6,80			0 6,800	6,800 6,			6,800						I Wind I						
		estwinds II (RAM)					32,377 32,3	7 32,377	32,377 32	377	32,377 32,377	32,377 32,37	7					Wind						
N/A		nergy Solutions LLC II			(200,000) (200,0	00)												Solar PV						
N/A	1013 Pilot Power Grou	<b>ир</b>			(105,000) (115,0	160,000)												Solar PV						
N/A	013 Exelon I			(200,000)														Wind						
N/A	013 Silicon Valley Po	wer ('13)		(150,000)														Wind						
N/A	013 HD			(252,000)														Wind						
N/A	013 Exelon II				(300,000) (300,0	00)												Wind						

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Ocean/Tidal				
Fuel Oills				

## **Annual RPS Compliance Report: Retirement Detail**

Data Reported by: San Diego Gas & Electric August 1, 2013



	Actua	MWh				Forecast	ed MWh			
Retirement Summary (MWh)	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Total Annual Retirements	603,703	0	0	0	0	0	0	0	0	0
Long-Term PCC 0 RECs Retired	0	0	0	0	0	0	0	0	0	0
Short-Term PCC 0 RECs Retired	289,739	0	0	0	0	0	0	0	0	0
Long-Term PCC 1 RECs Retired	0	0	0	0	0	0	0	0	0	0
Short-Term PCC 1 RECs Retired	313,964	0	0	0	0	0	0	0	0	0
Long-Term PCC 2 RECs Retired	0	0	0	0	0	0	0	0	0	0
Short-Term PCC 2 RECs Retired	0	0	0	0	0	0	0	0	0	0
Long-Term PCC 3 RECs Retired	0	0	0	0	0	0	0	0	0	0
Short-Term PCC 3 RECs Retired	0	0	0	0	0	0	0	0	0	0
Total RECs Retired per Compliance Period		603,703			0			(	)	
Amount of PCC 1 Short-Term RECs Excluded from PQR	0	0	0	0	0	0	0	0	0	0
Amount of PCC 2 Short-Term RECs Excluded from PQR	0	0	0	0	0	0	0	0	0	0
Amount of PCC 3 Short-Term RECs Excluded from PQR	0	0	0	0	0	0	0	0	0	0
Retired RECs Eligible for Compliance		603,703			0				)	

RPS-Eligible Procurement By Resource Type	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Biomass	0	0	0	0	0	0	0	0	0	0
Digester Gas	0	0	0	0	0	0	0	0	0	0
Biodiesel	0	0	0	0	0	0	0	0	0	0
Landfill Gas	0	0	0	0	0	0	0	0	0	0
Muni Solid Waste	0	0	0	0	0	0	0	0	0	0
Biopower Subtotal	0	0	0	0	0	0	0	0	0	0
Geothermal	0	0	0	0	0	0	0	0	0	0
Small Hydro	0	0	0	0	0	0	0	0	0	0
Conduit Hydro	0	0	0	0	0	0	0	0	0	0
Solar PV	0	0	0	0	0	0	0	0	0	0
Solar Thermal	0	0	0	0	0	0	0	0	0	0
Wind	603,703	0	0	0	0	0	0	0	0	0
Ocean/Tidal	0	0	0	0	0	0	0	0	0	0
Fuel Cells	0	0	0	0	0	0	0	0	0	0

		Retirement Detail	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020				
CPUC ID	Contract Year	Contract Detail	603,703	0	0	0	0	0	0	0	0	0	Resource Type	Expected Classification		Short Term Contract Eligibility
SD7009	2009	Cabazon Wind Partners, LLC 2009	125,256										Wind		Short-term	Eligible Short-term
SD7010	2009	Whitewater Hill Wind Partners, LLC 2009	188,708										Wind		Short-term	Eligible Short-term
SD7009	2009	Cabazon Wind Partners, LLC 2010	125,931										Wind		Short-term	Eligible Short-term
SD7010	2009	Whitewater Hill Wind Partners, LEC 2010	163,808										Wind		Short-term	Eligible Short-term
				<u> </u>			4			<b></b>						<b></b>
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PCC 0
PCC 1
PCC 2
PCC 3
Long-term
Short-term
DO NOT DELETE
Pre- 2002
2002
2003

# Annual RPS Compliance Report: (2011) 36 Month Retirement

Data Reported by: San Diego Gas & Electric August 1, 2013

Input Require

Input Required
Information is Hard Coded (No Input Required)

					1			
CPUC ID	RPS ID	WREGIS_ID	Facility Name	Reti Vintage Month/Year		ast Month to Retire	o RECs "Pass" or "Fail" Requirements of 36	MWh REC Quantity
C, 00 10		WW.2015_10	ounty name	(DD	D/MM/YYYY)	REC (Month/Year)	Month Rule:	Retired
SD1001	SDG00002	Otay Landfill II (QF)					1	
SD 1001 SD 1001	SDG00002 SDG00002	Otay Landfill II (QF) Otay Landfill II (QF)						
SD1001	SDG00002	Otay Landfill II (QF)						
SD1001 SD1001	SDG00002 SDG00002	Otay Landfill II (QF) Otay Landfill II (QF)						
N/A	N/A	Badger Filtration Plan						
N/A N/A	N/A N/A	Badger Filtration Plan Badger Filtration Plan	t					
N/A N/A	N/A N/A	Badger Filtration Plan Badger Filtration Plan						
N/A	N/A	Badger Filtration Plan	t					
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N/A N/A	N/A N/A	Olivenhain Municipal Olivenhain Municipal						
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N/A	N/A	San Francisco Peak Hy	rdro Plant					
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SD 1005 SD 1005	SDG00109 SDG00109	MM San Diego - Mira MM San Diego - Mira						
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SD1005 SD1005	SDG00109 SDG00109	MM San Diego - Mira MM San Diego - Mira	mar					
SD1005	SDG00109	MM San Diego - Mirai						
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SD 1006	SDG00110	MM San Diego - Norti	n City					
SD1006 SD1006	SDG00110 SDG00110	MM San Diego - North MM San Diego - North						
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SD 1006	SDG00110	MM San Diego - Norti MM San Diego - Norti	n City					
SD1006 SD1003	SDG00110 SDG00003	MM San Diego - Norti GRS - Coyote Canyon	ı City					
SD 1003	SDG00003	GRS - Coyote Canyon						
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SD 1007 SD 1007	SDG00008 SDG00008	GRS - Sycamore GRS - Sycamore						
SD1007	SDG00008	GRS - Sycamore						
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SD4001	SDG00014	San Diego MWD (Pt. Loma)
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SD2000	SDG00010	Covaria Delano
SD2000	SDG00010	Covanta Delano
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SD2001	SDG00015	Renewable Egy Providers (Blue Lake Power)
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SD2001	SDG00015	Renewable Egy Providers (Blue Lake Power)
SD2001 SD2001	SDG00015 SDG00015	Renewable Egy Providers (Blue Lake Power) Renewable Egy Providers (Blue Lake Power)
SD2001	SDG00015	Renewable Egy Providers (Blue Lake Power)
SD2001	SDG00015	Renewable Egy Providers (Blue Lake Power)
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SD7004	SDG00005	Kumeyaay
SD7004 SD7004	SDG00005 SDG00005	Kumeyaay Kumeyaay
SD7004	SDG00005	AUTTEYJAY Kumeyaay
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SD7004	SDG00005	Kumeyaay
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SD7000	SDG00104	Autreyady Oasis Power Partners
SD7000	SDG00104	Oasis Power Partners
SD 7000 SD 7000	SDG00104 SDG00104	Oasis Power Partners Oasis Power Partners
SD 7000	SDG00104	Oasis Power Partners
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SD7000 SD7000	SDG00104 SDG00104	Oasis Power Partners Oasis Power Partners
SD 7000	SDG00104	Oasis Power Partners
SD7000 SD7000	SDG00104 SDG00104	Oasis Power Partners Oasis Power Partners
SD7000	SDG00104	Oasis Power Partners
SD7001	SDG00006	Iberdrola Renewable MtWind
SD7001 SD7001	SDG00006 SDG00006	iberdrola Renewable MtWind iberdrola Renewable MtWind
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SD7001	SDG00006	Iberdrola Renewable MtWind	
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SD7001	SDG00006	Iberdrola Renewable MtWind	
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SD7001	SDG00006	iberdrola Renewable MitWind	
SD7002	SDG00007	Iberdrola Renewable Pwest	
SD7002	SDG00007	Iberdrola Renewable Pwest	
SD7002 SD7002	SDG00007 SDG00007	iberdrola Renewable Pwest iberdrola Renewable Pwest	
SD7002	SDG00007	iberdrola Renewable Pwest	
SD7002	SDG00007	lberdrola Renewable Pwest	
SD7002 SD7002	SDG00007 SDG00007	iberdrola Renewable Pwest Iberdrola Renewable Pwest	
SD7002	SDG00007	Iberdrola Renewable Pwest Iberdrola Renewable Pwest	
SD7002	SDG00007	Iberdrola Renewable Pwest	
SD7002 SD7002	SDG00007 SDG00007	Iberdrola Renewable Pwest Iberdrola Renewable Pwest	
SD7002	SDG00007 SDG00108	IDETOTOR RENEWABLE YESTS WITE Acquisition (FPL)	
SD7003	SDG00108	WTE Acquisition (FPL)	
SD7003 SD7003	SDG00108 SDG00108	WTE Acquisition (FPL)	
SD7003 SD7003	SDG00108	WTE Acquisition (FPL) WTE Acquisition (FPL)	
SD7003	SDG00108	WTE Acquisition (FPL)	
SD7003	SDG00108	WTE Acquisition (FPL)	
SD7003 SD7003	SDG00108 SDG00108	WTE Acquisition (FPL) WTE Acquisition (FPL)	
SD7003	SDG00108	WITE ACQUISITION (FEL)	
SD7003	SDG00108	WTE Acquisition (FPL)	
SD7003 SD7005	SDG00108 SDG00016	WTE Acquisition (FPL) Naturener (Glacier Wind Energy 1)	
SD7005 SD7005	SDG00016 SDG00016	Naturener (clacier Wind Energy 1) Naturener (clacier Wind Energy 1)	
SD 7005	SDG00016	Naturener (Glacier Wind Energy 1)	
SD7005	SDG00016	Naturener (Glacier Wind Energy 1)	
SD7005 SD7005	SDG00016 SDG00016	Naturener (Glacier Wind Energy 1) Naturener (Glacier Wind Energy 1)	
SD7005	SDG00016	Naturener (Glacier Wind Energy 1)	
SD7005	SDG00016	Naturener (Glacier Wind Energy 1)	
SD7005 SD7005	SDG00016 SDG00016	Naturener (Glacier Wind Energy 1) Naturener (Glacier Wind Energy 1)	
SD7005 SD7005	SDG00016 SDG00016	Naturener (claicer Wind Energy 1) Naturener (claicer Wind Energy 1)	
SD7005	SDG00016	Naturener (Glacier Wind Energy 1)	
SD7006 SD7006	SDG00017 SDG00017	Naturener (Glacier Wind Energy 2) Naturener (Glacier Wind Energy 2)	
SD7006	SDG00017 SDG00017	Naturener (Glacier Wind Energy 2) Naturener (Glacier Wind Energy 2)	
SD7006	SDG00017	Naturener (Glacier Wind Energy 2)	
SD7006	SDG00017	Naturener (Glacier Wind Energy 2)	
SD7006 SD7006	SDG00017 SDG00017	Naturener (Glacier Wind Energy 2) Naturener (Glacier Wind Energy 2)	
SD7006	SDG00017	Naturener (Glacier Wind Energy 2)	
SD7006	SDG00017	Naturener (Glacier Wind Energy 2)	
SD7006 SD7006	SDG00017 SDG00017	Naturener (Glacier Wind Energy 2) Naturener (Glacier Wind Energy 2)	
SD7006	SDG00017	Naturener (Glacier Wind Energy 2) Naturener (Glacier Wind Energy 2)	
SD3002	SDG00097	SCE WSPP	
SD3002	SDG00097	SCE WSPP SCE WSPP	
SD3002 SD3002	SDG00097 SDG00097	SCE WSPP SCE WSPP	
SD3002	SDG00097	SCE WSPP	
SD3002	SDG00097	SCE WSPP	
SD3002 SD3002	SDG00097 SDG00097	SCE WSPP SCE WSPP	
SD3002	SDG00097	SCE WSPP	
SD3002	SDG00097	SCE WSPP	
SD3002 SD3002	SDG00097 SDG00097	SCE WSPP SCE WSPP	
SD7015	SDG00097 SDG00019	S.C. WSPP Coram	
SD7015	SDG00019	Coram	
SD7015 SD7015	SDG00019	Coram Coram	
SD7015 SD7015	SDG00019 SDG00019	Coram Coram	
SD7015	SDG00019	Coram	
SD7015	SDG00019	Coram	
SD7015 SD7015	SDG00019 SDG00019	Coram Coram	
SD7015	SDG00019	Coram	
SD7015	SDG00019	Coram	
SD7015 SD7009	SDG00019 SDG00042	Coram Shell - Cabazon (2009)	
SD7009	SDG00042	31ten - Labazun (2009) Shell - Cabazon (2009)	
SD7009	SDG00042	Shell - Cabazon (2009)	
SD7009 SD7009	SDG00042 SDG00042	Shell - Cabazon (2009) Shell - Cabazon (2009)	
SD7009	SDG00042	Sheli - Cabazon (2009) Sheli - Cabazon (2009)	
SD 7009	SDG00042	Shell - Cabazon (2009)	
SD7009 SD7009	SDG00042 SDG00042	Shell - Cabazon (2009)	
SD7009	SDG00042 SDG00042	Shell - Cabazon (2009) Shell - Cabazon (2009)	
SD7009	SDG00042	Shell - Cabazon (2009)	
SD7009	SDG00042	Shell - Cabazon (2009)	
SD4000 SD4000	SDG00012 SDG00012	SDCWA - Rancho Penasquitos SDCWA - Rancho Penasquitos	
SD4000	SDG00012	SDCWA - Rancho Penasquitos	
SD4000	SDG00012	SDCWA - Rancho Penasquitos	
SD4000	SDG00012	SDCWA - Rancho Penasquitos	
SD4000 SD4000	SDG00012 SDG00012	SDCWA - Rancho Penasquitos SDCWA - Rancho Penasquitos	
SD4000	SDG00012	SDCWA - Rancho Penasquitos	
SD4000	SDG00012	SDCWA - Rancho Penasquitos	
SD4000 SD4000	SDG00012 SDG00012	SDCWA - Rancho Penasquitos SDCWA - Rancho Penasquitos	
SD4000	SDG00012	SDCWA - Rancho Penasquitos	
304000	The second secon		
N/A	N/A	Innovative Cold Storage Enterprises (ICE)	
	N/A N/A N/A	Innovative Cold Storage Enterprises (ICE) Innovative Cold Storage Enterprises (ICE) Innovative Cold Storage Enterprises (ICE)	

N/A	N/A	Innovative Cold Storage Enterprises (ICE)	
N/A	N/A	Innovative Cold Storage Enterprises (ICE)	
N/A	N/A	Innovative Cold Storage Enterprises (ICE)	
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N/A	N/A	Innovative Cold Storage Enterprises (ICE)	
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N/A	N/A	Innovative Cold Storage Enterprises (ICE)	
N/A	N/A	Innovative Cold Storage Enterprises (ICE)	
N/A N/A	N/A N/A	Del Sur Elementary School Del Sur Elementary School	
N/A	N/A	Del Sur Elementary School	
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N/A	N/A	X-nth X-nth	
N/A	N/A	X-nth	
N/A	N/A	X-nth	
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N/A N/A	N/A N/A	X-nth X-nth	
N/A	N/A	X-nth X-nth	
N/A	N/A	X-nth	
N/A	N/A	X-nth	
N/A	N/A	Ladera Ranch	
N/A N/A	N/A N/A	Ladera Ranch I Ladera Ranch I	
N/A N/A	N/A N/A	Ladera Ranch I	
N/A	N/A	Ladera Ranch I	
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N/A	N/A	Ladera Ranch I	
N/A N/A	N/A N/A	Ladera Ranch I Ladera Ranch I	
N/A	N/A	Ladera Ranch I	
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N/A	N/A	Hunter Industries	
N/A	N/A	Hunter Industries	
N/A N/A	N/A N/A	Hunter Industries Hunter Industries	
N/A	N/A	Hunter Industries	
N/A	N/A	Hunter Industries	
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N/A N/A	N/A N/A	Hunter Industries	
IN/A		Hunter Industries Hunter Industries	
N/A N/A	N/A N/A	Hunter Industries Hunter Industries Hunter Industries	
N/A N/A	N/A N/A N/A	Hunter Industries	
N/A N/A N/A	N/A N/A N/A N/A	Hunter Industries Hunter Industries Towers at Bressi Ranch Towers at Bressi Ranch	
N/A N/A N/A N/A	N/A N/A N/A N/A N/A	Hunter Industries Hunter Industries Towers at Bressi Ranch Towers at Bressi Ranch Towers at Bressi Ranch	
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N/A	N/A	Hunter Industries Towers at Bressi Ranch Amylin Pharmaceuticals	
N/A	N/A	Hunter Industries Hunter Industries Towers at Bressi Ranch Amylin Pharmaceuticals Amylin Pharmaceuticals Amylin Pharmaceuticals	
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N/A	N/A	Hunter Industries  Hunter Industries  Towers at Bressi Ranch Amylin Pharmaceuticals	
N/A	N/A	Hunter Industries Towers at Bress Ranch Towe	
N/A	N/A	Hunter Industries Towers at Bressi Ranch Amylin Pharmaceuticals SDCCD - Skills Center SDCCD - Skills Center	
N/A	N/A	Hunter Industries Towers at Bress Ranch Towe	
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N/A	N/A	Hunter Industries Towers at Bressi Ranch Amylin Pharmaceuticals SDCCD - Skills Center	
N/A	N/A	Hunter Industries Towers at Bressi Ranch Amylin Pharmaceuticals SDCCD - Skills Center	
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N/A	N/A	Hunter Industries Towers at Bressi Ranch Amylin Pharmaceuticals Socio Skilis Center	
N/A   N/A	N/A	Hunter Industries Towers at Bressi Ranch Amylin Pharmaceuticals SDCCO - Skills Center	
N/A   N/A	N/A	Hunter Industries Towers at Bressi Ranch Amylin Pharmaceuticals SDCCO - Skills Center	
N/A   N/A	N/A	Hunter Industries Towers at Bressi Ranch Amylin Pharmaceuticals SDCCO - Skills Center	
N/A   N/A	N/A	Hunter Industries Towers at Bressi Ranch Amylin Pharmaceuticals Amyl	

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SD1000	SDG00001	Otay Landfill I	
SD1000	SDG00001	Otay Landfill I	
SD1000 SD1000	SDG00001 SDG00001	Otay Landfill I Otay Landfill I	
SD 1000	SDG00001 SDG00002	Otay Landfill II	
SD1001	SDG00002 SDG00002	Otay Landfill II	
SD1001	SDG00002	Otay Landfill II	
SD1001	SDG00002	Otay Landfill II	
SD1001	SDG00002	Otay Landfill II	
SD1001	SDG00002	Otay Landfill II	
SD1001	SDG00002	Otay Landfill II	
SD1001	SDG00002	Otay Landfill II	
SD1001	SDG00002	Otay Landfill II	
SD1001	SDG00002	Otay Landfill II	
SD1001	SDG00002	Otay Landfill II	
SD 1001	SDG00002	Otay Landfill II	
SD1012	SDG00111	San Marcos Landfill	
SD1012	SDG00111	San Marcos Landfill	
SD1012	SDG00111	San Marcos Landfill	
SD1012	SDG00111	San Marcos Landfill	
SD1012	SDG00111	San Marcos Landfill	
SD1012	SDG00111	San Marcos Landfill	
SD1012	SDG00111	San Marcos Landfill	
SD1012	SDG00111	San Marcos Landfill	
SD1012	SDG00111	San Marcos Landfill	
SD1012	SDG00111	San Marcos Landfill	
SD1012	SDG00111	San Marcos Landfill	
SD1012	SDG00111	San Marcos Landfill	
SD1004	SDG00004	Sycamore Landfill	
SD 1004	SDG00004	Sycamore Landfill	
SD1004	SDG00004	Sycamore Landfill	
SD 1004	SDG00004	Sycamore Landfill	
SD1004	SDG00004	Sycamore Landfill	
SD1004	SDG00004	Sycamore Landfill	
SD1004	SDG00004	Sycamore Landfill	
SD 1004	SDG00004	Sycamore Landfill	
SD 1004	SDG00004	Sycamore Landfill	
SD1004	SDG00004	Sycamore Landfill	
SD1004	SDG00004	Sycamore Landfill	
SD1004	SDG00004	Sycamore Landfill	
SD3000	SDG00018	Calpine Geysers	
SD3000	SDG00018	Calpine Geysers	
SD3000	SDG00018	Calpine Geysers	
SD3000	SDG00018	Calpine Geysers	
SD3000	SDG00018	Calpine Geysers	
SD3000	SDG00018	Calpine Geysers	
SD3000	SDG00018	Calpine Geysers	
SD3000	SDG00018	Calpine Geysers	
SD3000	SDG00018	Calpine Geysers	
SD3000	SDG00018	Calpine Geysers	
SD3000	SDG00018	Calpine Geysers	
SD3000	SDG00018	Calpine Geysers	
SD3001	SDG00085	SVP WSPP (City of Santa Clara)	
SD3001	SDG00085	SVP WSPP (City of Santa Clara)	
SD3001	SDG00085	SVP WSPP (City of Santa Clara)	
SD3001	SDG00085	SVP WSPP (City of Santa Clara)	
SD3001	SDG00085	SVP WSPP (City of Santa Clara)	
SD3001	SDG00085	SVP WSPP (City of Santa Clara)	
SD3001	SDG00085	SVP WSPP (City of Santa Clara)	
SD3001	SDG00085	SVP WSPP (City of Santa Clara)	
SD3001	SDG00085	SVP WSPP (City of Santa Clara)	
SD3001	SDG00085	SVP WSPP (City of Santa Clara)	
SD3001	SDG00085	SVP WSPP (City of Santa Clara)	
SD3001	SDG00085	SVP WSPP (City of Santa Clara)	
SD3003	SDG00098	Calpine WSPP	
SD3003	SDG00098	Calpine WSPP	
SD3003	SDG00098	Calpine WSPP	
SD3003	SDG00098	Calpine WSPP	
SD3003	SDG00098	Calpine WSPP	
SD3003	SDG00098	Calpine WSPP	
SD3003	SDG00098	Calpine WSPP	
SD3003	SDG00098	Calpine WSPP	
SD3003	SDG00098	Calpine WSPP	
SD3003	SDG00098	Calpine WSPP	
		Calpine WSPP	
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SD3003 SD3003	SDG00098 SDG00098	Calpine WSPP	

# Annual RPS Compliance Report: (2012) 36 Month Retirement

Data Reported by: San Diego Gas & Electric August 1, 2013

Input Required
Information is Hard Coded (No Input Required)

CPUC ID	RPS ID	WREGIS_ID	Facility Name	Vintage Month/Yea	Retirement Date (DD/MM/YYYY)	Last Month to Retire REC (Month/Year)	Do RECs "Pass" or "Fail" Requirements of 36 Month Rule:	MWh REC Quantity Retired
N/A N/A	N/A N/A		Bear Valley Hydro Bear Valley Hydro			***************************************		***************************************
N/A N/A	N/A N/A		Bear Valley Hydro					
N/A	N/A		Bear Valley Hydro Bear Valley Hydro					
N/A N/A	N/A N/A		Bear Valley Hydro Bear Valley Hydro					
N/A N/A	N/A N/A		Bear Valley Hydro Bear Valley Hydro					
N/A	N/A		Bear Valley Hydro					
N/A N/A	N/A N/A		Bear Valley Hydro Bear Valley Hydro					
N/A N/A	N/A N/A		Badger Filtration Plant Badger Filtration Plant					
N/A N/A	N/A N/A		Badger Filtration Plant Badger Filtration Plant					
N/A	N/A		Badger Filtration Plant					
N/A N/A	N/A N/A		Badger Filtration Plant Badger Filtration Plant					
N/A N/A	N/A N/A		Badger Filtration Plant Badger Filtration Plant					
N/A	N/A		Badger Filtration Plant					
N/A N/A	N/A N/A		Badger Filtration Plant Badger Filtration Plant					
N/A N/A	N/A N/A		Olivenhain Municipal Water Dist Olivenhain Municipal Water Dist					
N/A N/A	N/A N/A		Olivenhain Municipal Water Dist					
N/A	N/A		Olivenhain Municipal Water Dist Olivenhain Municipal Water Dist					
N/A N/A	N/A N/A		Olivenhain Municipal Water Dist Olivenhain Municipal Water Dist					
N/A N/A	N/A N/A		Olivenhain Municipal Water Dist Olivenhain Municipal Water Dist					
N/A	N/A		Olivenhain Municipal Water Dist					
N/A N/A	N/A N/A		Olivenhain Municipal Water Dist Olivenhain Municipal Water Dist					
N/A N/A	N/A N/A		San Francisco Peak Hydro Plant San Francisco Peak Hydro Plant					
N/A	N/A		San Francisco Peak Hydro Plant					
N/A N/A	N/A N/A		San Francisco Peak Hydro Plant San Francisco Peak Hydro Plant					
N/A N/A	N/A N/A		San Francisco Peak Hydro Plant San Francisco Peak Hydro Plant					
N/A N/A	N/A N/A		San Francisco Peak Hydro Plant San Francisco Peak Hydro Plant					
N/A	N/A		San Francisco Peak Hydro Plant					
N/A N/A	N/A N/A		San Francisco Peak Hydro Plant San Francisco Peak Hydro Plant					
SD1005 SD1005	SDG00109 SDG00109		MM San Diego - Miramar MM San Diego - Miramar					
SD1005 SD1005	SDG00109 SDG00109		MM San Diego - Miramar					
SD1005	SDG00109		MM San Diego - Miramar MM San Diego - Miramar					
SD1005 SD1005	SDG00109 SDG00109		MM San Diego - Miramar MM San Diego - Miramar					
SD1005 SD1005	SDG00109 SDG00109		MM San Diego - Miramar MM San Diego - Miramar					
SD1005	SDG00109		MM San Diego - Miramar					
SD1005 SD1005	SDG00109 SDG00109		MM San Diego - Miramar MM San Diego - Miramar					
SD1006 SD1006	SDG00110 SDG00110		MM San Diego - North City MM San Diego - North City					
SD1006	SDG00110 SDG00110		MM San Diego - North City					
SD1006 SD1006	SDG00110		MM San Diego - North City MM San Diego - North City					
SD1006 SD1006	SDG00110 SDG00110		MM San Diego - North City MM San Diego - North City					
SD1006 SD1006	SDG00110 SDG00110		MM San Diego - North City MM San Diego - North City					
SD1006	SDG00110		MM San Diego - North City					
SD1006 SD1006	SDG00110 SDG00110		MM San Diego - North City MM San Diego - North City					
SD1003 SD1003	SDG00003 SDG00003		GRS - Coyote Canyon GRS - Coyote Canyon					
SD1003 SD1003	SDG00003		GRS - Coyote Canyon					
SD1003	SDG00003 SDG00003		GRS - Coyote Canyon GRS - Coyote Canyon					
SD1003 SD1003	SDG00003 SDG00003		GRS - Coyote Canyon GRS - Coyote Canyon					
SD1003 SD1003	SDG00003 SDG00003		GRS - Coyote Canyon GRS - Coyote Canyon					
SD1003	SDG00003		GRS - Coyote Canyon					
SD 1003 SD 1003	SDG00003 SDG00003		GRS - Coyote Canyon GRS - Coyote Canyon					
SD1003 SD1003	SDG00003 SDG00003		GRS - Sycamore GRS - Sycamore					
SD1003	SDG00003		GRS - Sycamore					
SD1003 SD1003	SDG00003 SDG00003		GRS - Sycamore GRS - Sycamore					
SD1003 SD1003	SDG00003 SDG00003		GRS - Sycamore GRS - Sycamore					
SD1003 SD1003	SDG00003 SDG00003		GRS - Sycamore GRS - Sycamore					
SD1003	SDG00003		GRS - Sycamore					
SD1003	SDG00003		GRS - Sycamore					

	SDG00003	GRS - Sycamore	
SD1009 SD1009	SDG00011A SDG00011A	MM Prima Deshecha MM Prima Deshecha	
SD 1009	SDG00011A	MM Prima Deshecha	
	SDG00011A	MM Prima Deshecha	
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SD1009	SDG00011A	MM Prima Deshecha	
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SD1009	SDG00011A	MM Prima Deshecha	
SD1008	SDG00013	Covanta Otay 3	
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SD 1008	SDG00013	Covanta Otay 3	
SD1008	SDG00013	Covanta Otay 3	
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	SDG00010 SDG00010	Covanta Delano Covanta Delano	
SD2000	SDG00010	Covanta Delano	
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SD7005	SDG00016	Naturener (Glacier Wind Energy 1)	
SD7006	SDG00017	Naturener (Glacier Wind Energy 2)	
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	N/A	Hunter Industries	
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		Samford-Burman Medical Research Institute   Sanford-Burman Medical Research Institute	
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J/A	I/A	Sanford-Burnhan Medical Research Institute I Wilco Investments Fairfield Grossmont Trolley	
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S00000   S0000001   Otay Landfill
S00000   S0000001   Olay Landfill
S01000   S0600001   Clay Landfill
S00000
SD1000
SD1000   SD600001   Ciry Landfill   SD1000   SD600001   Ciry Landfill   SD1000   SD600001   Ciry Landfill   SD1000   SD600001   Ciry Landfill   SD1000   SD600002   Ciry Landfill   SD1001   SD600001   SD600001   SD1000002   Ciry Landfill   SD1001   SD1000002   SD600011   SD1000002   SD1000001   SD1000001   SD1000001   SD100001   SD100001   SD100001   SD1000001   SD10000001   SD100000001   SD1000000000000000000000000000000000000
SD1000
SD1000
SD1001   SD600002   SD600002   SD101
SDE0001   SDE00002   Otay Landfill    SDE00002    SDE000011   SDE000011   SDE000011   SDE00011   SDE000111   SDE0001
SD1001   SD600002   Clay Landfill    SD1001   SD600011   SD600011   SD10012   SD600111   SD10013   SD10014   SD10014   SD10014   SD10015   SD10015   SD10015   SD10016   SD100016   SD100016   SD1000004   SD10000004   SD1000004   SD10000004   SD10000004   SD1000000000000000000000000000000000000
SD1001   SD600002   Otay Landfill II
SD1001
SD60001   SD600002   Otay Landfill    SD600011   SD600011   San Marcos Landfill    SD60011   San Marcos Landfill    SD60011   San Marcos Landfill    SD60012   SD60011   San Marcos Landfill    SD1012    SD60011   San Marcos Landfill    SD1012    SD600014    SD600004    Sycamore Landfill    SD1004    SD600004    Sycamore Landfill    SD1004    SD600004    Sycamore Landfill    SD1004    SD600004    Sycamore Landfill    SD1006    Sycamore Landfill    SD1006    Sycamore Landfill    SD1006    Sycamore Landfill    SD1006    SD600004    Sycamore Landfill    SD1006
SDE0001   SDE00002   Otay Landfill    SDE00011   SDE00002   Otay Landfill    SDE0011   SDE00011   SAMARCOS LANDFILL    SDE00111    SAMARCOS LANDFILL    SDE00111    SAMARCOS LANDFILL    SDE00111    SAMARCOS LANDFILL    SDE00111    SAMARCOS LANDFILL    SDE00111    SAMARCOS LANDFILL    SDE00111    SAMARCOS LANDFILL    SDE00111    SAMARCOS LANDFILL    SDE00111    SAMARCOS LANDFILL    SDE00111    SAMARCOS LANDFILL    SDE00111    SAMARCOS LANDFILL    SDE00111    SAM
Display
DECOMONS   DECOMONS   Day Landfill
Diolity   Special   San Marcos Landfill
D01012         \$DG00111         \$Sm Marcos Landfill           D1012         \$DG00111         \$Sam Marcos Landfill           D1012         \$DG00011         \$Sam Marcos Landfill           D1012         \$DG00011         \$Sam Marcos Landfill           D1013         \$SpG00011         \$Sam Marcos Landfill           D1004         \$DG00004         \$yeamore Landfill           D1004         \$DG00004         \$yeamore Landfill           D1004         \$DG00004         \$yeamore Landfill           D1004         \$DG00004         \$yeamore Landfill
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D1012         SDG00111         San Marcos Landfill           D1012         SDG00011         San Marcos Landfill           D1004         SDG00004         Sycamore Landfill           D1004         SDG00004         Sycamore Landfill           D1004         SDG00004         Sycamore Landfill           D1004         SDG00004         Sycamore Landfill
D1012         SDG00111         San Marcos Landfill           D1012         SDG00111         San Marcos Landfill           D1012         SDG0011         San Marcos Landfill           D1012         SDG00111         San Marcos Landfill           D1012         SDG00111         San Marcos Landfill           D1012         SDG0011         San Marcos Landfill           D1012         SDG0011         San Marcos Landfill           D1012         SDG00011         San Marcos Landfill           D1004         SDG00004         Sycamore Landfill           D1004         SDG00004         Sycamore Landfill           D1004         SDG00004         Sycamore Landfill
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NAME AND ADDRESS OF THE PROPERTY OF THE PROPER
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D1004 SDG00004 Sycamore Landfill
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D1004 SDG00004 Sycamore Landfill D3000 SDG00018 Calpine Geysers
D3000 SD000018 Calpine Geysers
D3000 SDG00018 Calpine Geysers
D3000         SDG00018         Calpine Geysers           D3000         SDG00018         Calpine Geysers
23000
D3000 SDG00018 Calpine Geysers
D3000 SDG00018 Calpine Geysers
D3000 SDG00018 Calpine Geysers D3000 SDG00018 Calpine Geysers
D3000 SDC00018 Calpine Geysers
D3000 SDG00018 Calpine Geysers
D3001 SDG00085 SVP WSPP (City of Santa Clara) D3001 SDG00085 SVP WSPP (City of Santa Clara)
3001 35000085 SVP WSPP (City of Santa Clara)
D3001 SDG00085 SVP-WSPP (City of Santa Clara)
D3001         SDG00085         SVP WSPP (City of Santa Clara)           D3001         SDG00085         SVP WSPP (City of Santa Clara)
03001 SDG00085 SVP WSPP (City of Santa Clara) 03002 SDG00097 SCE WSPP
D3002 SDG00097 SCE WSPP
33002 SDG00097 SCE WSPP 3000 SCE WSPD S
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D7011 SDG00106 Shell - Cabazon (2012)
77011 SDG00106 Shell - Cabazon (2012)
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07011 SDG00106 Shell - Cabazon (2012)
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07011         SDG00106         Shell - Cabazon (2012)           07011         SDG00106         Shell - Cabazon (2012)
D7011 SDG00106 Shell - Cabazon (2012)
D7012 SDG00107 Shell - Whitewater (2012) D7012 SDG00107 Shell - Whitewater (2012)
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SD7012	SDG00107	Shell - Whitewater (2012)
SD7012	SDG00107	Shell - Whitewater (2012)
SD5033	SDG00087	Catalina Solar
SD2009	SDG00103	Sierra Pacific Industries (biomass - 60087A)
SD 2009	SDG00103	Sierra Pacific Industries (biomass - 60087A)
SD 2009	SDG00103	Sierra Pacific Industries (biomass - 60087A)
SD2009	SDG00103	Sierra Pacific Industries (biomass - 60087A)
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SD2009	SDG00103	Sierra Pacific Industries (biomass - 60087A)
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SD2009	SDG00103	Sierra Pacific Industries (biomass - 60087A)
N/A	SDG00130	Finerty

## **OFFICER VERIFICATION FORM**

I am an officer of the reporting corporation herein, and am authorized to make this verification on its behalf. The statements in the foregoing document are true of my own knowledge, except as to matters which are therein stated on information or belief, and as to those matters I believe them to be true. The spreadsheet format used to file this compliance report has not been altered from the version issued or approved by Energy Division.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on July 31, 2013 at San Diego, California.

Matt Burkhart, Vice President Electric and Fuel Procurement (Signature and Title of Corporate Officer)