

PUBLIC VERSION

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)

Calpine PowerAmerica-CA, LLC

2013 Preliminary Annual 33% RPS Compliance Report

**Reporting Progress Towards Meeting the Procurement Quantity Requirements for California's
RPS Program in the First Compliance Period (2011-2013)**

August 1, 2014

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CALIFORNIA'S RENEWABLES PORTFOLIO STANDARD

2013 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 cell 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.cpsc.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 (.xslm files will **NOT** be accepted). **If your file is larger than 7MB, please file the confidential versions of the RPS Compliance Spreadsheet through the CUPC FTP site (<https://cpucftp.cpsc.ca.gov/>).**
 - 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. 2013 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. 2013 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.

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.

Information from the 20% RPS Program : 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.

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

Procurement Quantity Requirement : 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).

Portfolio Balance Requirements : 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.

Excess Procurement Calculation : 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.

RPS Compliance Status : 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.

Deficit from the 20% Closing Report : 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

Procurement Summary : 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.

Contract Detail : 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 contract.
- 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.

36 Month Retirement tab instructions

This tab includes formulas to determine the retirement deadline for all RPS RECs and whether the RECs retired "Pass" or "Fail" the requirements of the 36 month retirement limit.

CPUC ID : The identification number provided to facility by the CPUC.

RPS ID : The identification number provided to facility by the CEC.

WREGIS ID : The identification number provided to facility by WREGIS.

Facility Name : For Facilities NOT interconnected to a CBA, - Retail sellers must enter the facility's source name, as registered with OATI's webRegistry. This applies mainly to

facilities not directly connected to a CBA.

Vintage Year/Month of RECs : Enter the year and month which the RECs were generation. Please create one line per combination of REC vintage and retirement date. For example RECs that have the same vintage are retired on two separate dates, please include one line per retirement date. Likewise if RECs of different vintages (e.g. June 2013 and July 2013) are retired on the same date, please include one line per vintage

REC Retirement Date : Enter the date that RECs were retired - enter one line per vintage and retirement date combination. If RECs with the same vintage month/year are retired on separate date, please enter one line for each of the distinct retirement dates.

Last Month/Year to Retire RECs : This is a calculated field that determines the last month and year that RECs of a given vintage can be retired

Do RECs "Pass" or "Fail" Requirements of 36 Month Rule : This is a calculated field that determines if RECs were retired within the required 36-month timeframe.

MWh REC Quantity Retired : Enter the quantity of RECs, with a given vintage and retirement date combination, that were retired for compliance

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2013 Preliminary 33% RPS First
Compliance Period (2011-2013) Report

Calpine PowerAmerica-CA, LLC

RPS Compliance Report: 2011 Annual Summary

2011 Annual Summary
1-Aug-14

	2011	
RPS Summary Report	MWh	% of Total Retail Sales
Total Retail Sales	985,692	n/a
Annual RPS Target	197,138	20.0%
Total RPS Eligible RECs Procured	202,911	20.6%
Total RPS Eligible RECs Retired for Compliance	202,911	20.6%

RPS Procurement Resource Mix

	2011	
RPS Procurement	MWh	% of Total RPS Procurement
Biomass	0	0.0%
Digester Gas	0	0.0%
Biodiesel	0	0.0%
Landfill Gas	12,157	6.0%
Muni Solid Waste	0	0.0%
<i>Biopower Subtotal</i>	<i>12,157</i>	<i>6.0%</i>
Geothermal	140,754	69.4%
Small Hydro	0	0.0%
Conduit Hydro	0	0.0%
Solar PV	0	0.0%
Solar Thermal	0	0.0%
Wind	50,000	24.6%
Ocean/Tidal	0	0.0%
Fuel Cells	0	0.0%
Total RPS Eligible Procurement	202,911	

Claimed Portfolio Content Category of RPS Procurement

	2011	
Portfolio Content Category	MWh	% of Total RPS Procurement
RECs Procured from PCC 0 Eligible Resources	140,754	69.4%
RECs Procured from PCC 1 Eligible Resources	12,157	6.0%
RECs Procured from PCC 2 Eligible Resources	0	0.0%
RECs Procured from PCC 3 Eligible Resources	50,000	24.6%
	202,911	

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Calpine PowerAmerica-CA, LLC

RPS Compliance Report: 2012 Annual Summary

2012 Annual Summary
1-Aug-14

	2012	
RPS Summary Report	MWh	% of Total Retail Sales
Total Retail Sales	1,002,081	n/a
Annual RPS Target	200,416	20.0%
Total RPS Eligible RECs Procured	206,126	20.6%
Total RPS Eligible RECs Retired for Compliance	206,126	20.6%

RPS Procurement Resource Mix

	2012	
RPS Procurement	MWh	% of Total RPS Procurement
Biomass	0	0.0%
Digester Gas	0	0.0%
Biodiesel	0	0.0%
Landfill Gas	21,001	10.2%
Muni Solid Waste	0	0.0%
<i>Biopower Subtotal</i>	21,001	10.2%
Geothermal	82,172	39.9%
Small Hydro	0	0.0%
Conduit Hydro	0	0.0%
Solar PV	0	0.0%
Solar Thermal	0	0.0%
Wind	102,953	49.9%
Ocean/Tidal	0	0.0%
Fuel Cells	0	0.0%
Total RPS Eligible Procurement	206,126	

Claimed Portfolio Content Category of RPS Procurement

	2012	
Portfolio Content Category	MWh	% of Total RPS Procurement
RECs Procured from PCC 0 Eligible Resources	82,172	39.9%
RECs Procured from PCC 1 Eligible Resources	75,034	36.4%
RECs Procured from PCC 2 Eligible Resources	48,920	23.7%
RECs Procured from PCC 3 Eligible Resources	0	0.0%
	206,126	

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RPS Compliance Report: 2013 Annual Summary

2013 Annual Summary
1-Aug-14

	2013	
RPS Summary Report	MWh	% of Total Retail Sales
Total Retail Sales		n/a
Annual RPS Target		20.0%
Total RPS Eligible RECs Procured	167,600	
Total RPS Eligible RECs Retired for Compliance	167,600	

RPS Procurement Resource Mix

	2013	
RPS Procurement	MWh	% of Total RPS Procurement
Biomass	0	0.0%
Digester Gas	0	0.0%
Biodiesel	0	0.0%
Landfill Gas	0	0.0%
Muni Solid Waste	0	0.0%
<i>Biopower Subtotal</i>	0	0.0%
Geothermal	79,960	47.7%
Small Hydro	0	0.0%
Conduit Hydro	0	0.0%
Solar PV	0	0.0%
Solar Thermal	0	0.0%
Wind	87,640	52.3%
Ocean/Tidal	0	0.0%
Fuel Cells	0	0.0%
Total RPS Eligible Procurement	167,600	

Claimed Portfolio Content Category of RPS Procurement

	2013	
Portfolio Content Category	MWh	% of Total RPS Procurement
RECs Procured from PCC 0 Eligible Resources	0	0.0%
RECs Procured from PCC 1 Eligible Resources	85,000	50.7%
RECs Procured from PCC 2 Eligible Resources	82,600	49.3%
RECs Procured from PCC 3 Eligible Resources	0	0.0%
	167,600	

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2013 Preliminary 33% RPS First
Compliance Period (2011-2013) Report

Calpine PowerAmerica-CA, LLC

RPS Compliance Report: 2011-2013 Compliance Period Summary

2011-13 Compliance Period					
1-Aug-14					

RPS Summary Report	2011 MWh	2012 MWh	2013 MWh	CP TOTAL MWh	% of Total Retail Sales
Total Retail Sales	985,692	1,002,081			n/a
Annual RPS Targets and Compliance Period Procurement Requirement	197,138	200,416			20.0%
Total RPS Eligible RECs Procured	202,911	206,126	167,600	576,637	
Total RPS Eligible RECs Retired	202,911	206,126	167,600	576,637	

This amount represents
total procurement quantity
requirement

This amount represents
quantity of RECs retired for
this compliance period

RPS Procurement Resource Mix

RPS Procurement	2011 MWh	2012 MWh	2013 MWh	CP TOTAL MWh	% of Total RPS Procurement
Biomass	0	0	0	0	0.0%
Digester Gas	0	0	0	0	0.0%
Biodiesel	0	0	0	0	0.0%
Landfill Gas	12,157	21,001	0	33,158	5.8%
Muni Solid Waste	0	0	0	0	0.0%
<i>Biopower Subtotal</i>	<i>12,157</i>	<i>21,001</i>	<i>0</i>	<i>33,158</i>	<i>5.8%</i>
Geothermal	140,754	82,172	79,960	302,886	52.5%
Small Hydro	0	0	0	0	0.0%
Conduit Hydro	0	0	0	0	0.0%
Solar PV	0	0	0	0	0.0%
Solar Thermal	0	0	0	0	0.0%
Wind	50,000	102,953	87,640	240,593	41.7%
Ocean/Tidal	0	0	0	0	0.0%
Fuel Cells	0	0	0	0	0.0%
Total RPS Eligible Procurement	202,911	206,126	167,600	576,637	

Claimed Portfolio Content Category of RPS Procurement

Portfolio Content Category	2011 MWh	2012 MWh	2013 MWh	CP TOTAL MWh	% of Total RPS Procurement
RECs Procured from PCC 0 Eligible Resources	140,754	82,172	0	222,926	38.7%
RECs Procured from PCC 1 Eligible Resources	12,157	75,034	85,000	172,191	29.9%
RECs Procured from PCC 2 Eligible Resources	0	48,920	82,600	131,520	22.8%
RECs Procured from PCC 3 Eligible Resources	50,000	0	0	50,000	8.7%
Total	202,911	206,126	167,600	576,637	

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2013 Preliminary 33% RPS First Compliance Period (2011-2013) Report

Calpine PowerAmerica-CA, LLC

Data Reported by:

Calpine PowerAmerica-CA, LLC

August 1, 2014

2011-2020 Compliance Summary and Charts

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Retail Sales (MWh)	985,692	1,002,081					991,203	991,203	991,203	991,203
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	197,138	200,416					267,625	287,449	307,273	327,097
Procurement Quantity Requirement							1,189,443			

Resource Mix

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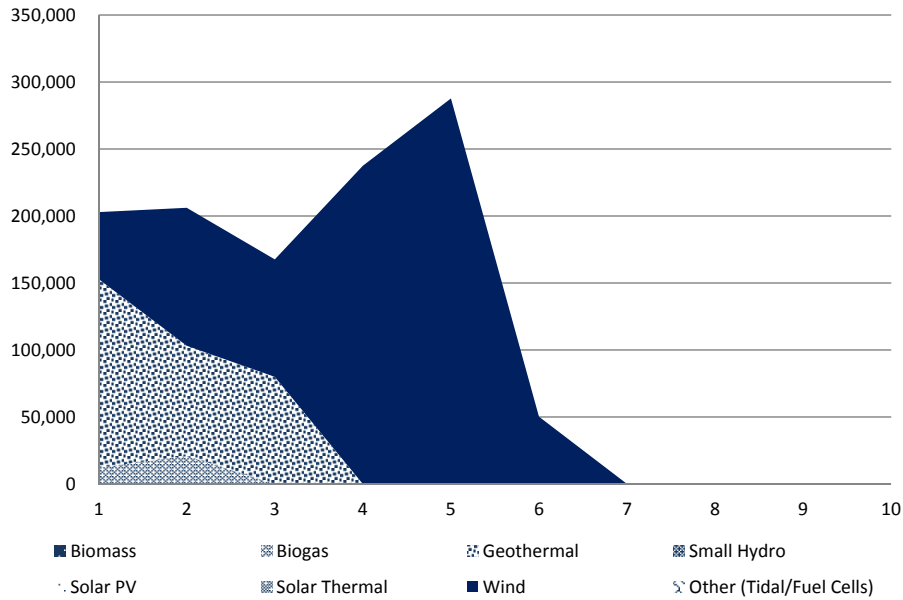
2013 Preliminary 33% RPS First
Compliance Period (2011-2013) Report

Calpine PowerAmerica-CA, LLC

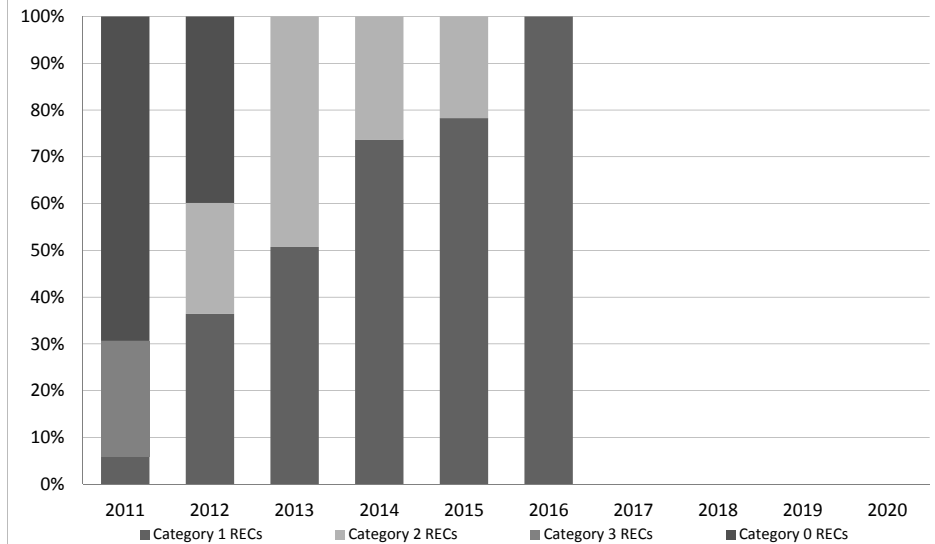
Portfolio Content Category Mix

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Category 0 RECs	140,754	82,172	0	0	0	0	0	0	0	0
Category 1 RECs	12,157	75,034	85,000	175,000	225,225	50,225	0	0	0	0
Category 2 RECs	0	48,920	82,600	62,500	62,500	0	0	0	0	0
Category 3 RECs	50,000	0	0	0	0	0	0	0	0	0

Resource Mix of RPS Procurement



Portfolio Content Category Mix of RPS Procurement



2013 Preliminary 33% RPS First Compliance Period (2011-2013) Report

2013 Preliminary 33% RPS First Compliance Period (2011-2013) Report

	B	C	D	E	F	G	H	I	J	K	L
47											
48		Compliance Period 1			Compliance Period 2			Compliance Period 3			
49	Excess Procurement Calculation (MWh)	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
50	PCC 0 RECs applied to PQR	222,926			n/a			n/a			
51	Long-Term PCC 1 RECs applied to PQR	0			n/a			n/a			
52	Short-Term PCC 1 RECs applied to PQR	172,191			n/a			n/a			
53	Long-Term PCC 2 RECs applied to PQR	0			n/a			n/a			
54	Short-Term PCC 2 RECs applied to PQR	131,520			n/a			n/a			
55	Long-Term PCC 3 RECs applied to PQR	0			n/a			n/a			
56	Short-Term PCC 3 RECs applied to PQR	50,000			n/a			n/a			
57	Excess RECs Eligible for Banking	0			n/a			n/a			
58	Excess PCC 0 RECs	0			n/a			n/a			
59	Excess PCC 1 RECs	0			n/a			n/a			
60	Excess PCC 2 RECs	0			n/a			n/a			
61	Remaining Excess RECs Eligible for Banking and Requiring a Category Assignment	0			n/a			n/a			
62											
63											
64		Compliance Period 1			Compliance Period 2			Compliance Period 3			
65	Excess Procurement Bank (MWh)	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
66	PCC 0 Bank	36,191			n/a			n/a			
67	PCC 1 Bank	0			n/a			n/a			
68	PCC 2 Bank	0			n/a			n/a			
69	Application of PCC 0 Banked RECs	36,191			n/a			n/a			
70	Application of PCC 1 Banked RECs	0			n/a			n/a			
71	Application of PCC 2 Banked RECs	0			n/a			n/a			
72	Cumulative PCC 0 Bank	0			n/a			n/a			
73	Cumulative PCC 1 Bank	0			n/a			n/a			
74	Cumulative PCC 2 Bank	0			n/a			n/a			
75											
76											
77		Compliance Period 1			Compliance Period 2			Compliance Period 3			
78	RPS Compliance Status (MWh)	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
79	Additional RECs Needed to meet RPS Procurement Quantity Requirement	0			n/a			n/a			
80											
81											
82	Provisional 20% Closing Report	2011	2012	2013							
83	Deficit from Provisional 20% RPS Closing Report	N/A									
84	PCC 0 RECs applied to PQR	222,926									
85	Long-Term PCC 1 RECs applied to PQR	0									
86	Short-Term PCC 1 RECs applied to PQR	172,191									
87	Long-Term PCC 2 RECs applied to PQR	0									
88	Short-Term PCC 2 RECs applied to PQR	131,520									
89	Long-Term PCC 3 RECs applied to PQR	0									
90	Short-Term PCC 3 RECs applied to PQR	50,000									
91	Application of PCC 0 RECs to 20% Closing Report Deficit	0									
92	Application of Long-term PCC 1 RECs to 20% Closing Report Deficit	0									
93	Application of Short-term PCC 1 RECs to 20% Closing Report Deficit	0									
94	Application of Long-term PCC 2 RECs to 20% Closing Report Deficit	0									
95	Application of Short-term PCC 2 RECs to 20% Closing Report Deficit	0									
96	Application of Long-term PCC 3 RECs to 20% Closing Report Deficit	0									
97	Application of Short-term PCC 3 RECs to 20% Closing Report Deficit	0									
98	Cumulative Closing Report Deficit	N/A									

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Calpine PowerAmerica-CA, LLC

Annual RPS Compliance Report: Procurement Detail

Data Reported by

Calpine PowerAmerica-CA, LLC

August 1, 2014

	Input Required
	Actual Data
	Forecasted Data

	Actual MWh			Forecasted MWh												
Procurement Summary (MWh)	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Total Annual Procurement	202,911	206,126	167,600	237,500	287,725	50,225	0	0	0	0	0	0	3,000	0	0	0
PCC 0 RECs Procured	140,754	82,172	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCC 1 RECs Procured	12,157	75,034	85,000	175,000	225,225	50,225	0	0	0	0	0	0	3,000	0	0	0
PCC 2 RECs Procured	0	48,920	82,600	62,500	62,500	0	0	0	0	0	0	0	0	0	0	0
PCC 3 RECs Procured	50,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Procurement from Long-Term (>= 10 years)	140,754	82,172	0	0	0	0	0	0	0	0	0	0	3,000	0	0	0
Procurement from Short-Term (< 10 years)	62,157	123,954	167,600	237,500	287,725	50,225	0	0	0	0	0	0	0	0	0	0
Long Term Contracting Requirement									N/A							
Expected Total RECs from long-term contracts	0	0	3,000	0	0	0	0	0	0	0						
Expected Total RECs from short-term contracts	68,000	222,440	562,640	225,450	0	0	0	0	0	0						
Long Term Contracting Requirement Shortfall		0							N/A							

[illegible]

		Contract Detail	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
CPUC ID	Contract Year	Contract Detail	202,911	206,126	167,600	237,500	287,725	50,225	0	0	0	0	0	0	3,000	0	0	0
	2004	Calpine Geysers	71,072	57,341	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2004	Calpine Geysers	69,682	24,831	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2011	Pastoria Bio Gas	12,157	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2011	Iberdrola Wind	50,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2012	Pastoria Bio Gas	0	21,001	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2012	Iberdrola Wind	0	48,920	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2012	Noble Wind	0	54,033	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2013	Calpine Geysers	0	0	79,960	0	0	0	0	0	0	0	0	0	0	0	0	0
	2013	Noble Wind	0	0	5,040	0	0	0	0	0	0	0	0	0	0	0	0	0
	2013	Powerex Wind	0	0	82,600	0	0	0	0	0	0	0	0	0	0	0	0	0
	2013	Geysers 2013 Long Term	0	0	0	0	0	0	0	0	0	0	0	0	3,000	0	0	0
	2013	Terragen Wind	0	0	0	175,000	175,000	0	0	0	0	0	0	0	0	0	0	0
	2014	Noble Wind	0	0	0	0	50,225	50,225	0	0	0	0	0	0	0	0	0	0
	2014	Powerex Wind	0	0	0	62,500	62,500	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CPUC ID	Original Contract Year	Expired Contracts/ Contracts Expiring Before 2030	202,911	206,126	167,600	237,500	287,725	50,225	0	0	0	0	0	0	3,000	0	0	0
n/a	2004	Calpine Geysers	71,072	57,341	0	0	0	0	0	0	0	0	0	0	0	0	0	0
n/a	2004	Calpine Geysers	69,682	24,831	0	0	0	0	0	0	0	0	0	0	0	0	0	0
n/a	2011	Pastoria Bio Gas	12,157	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
n/a	2011	Iberdrola Wind	50,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
n/a	2012	Pastoria Bio Gas	0	21,001	0	0	0	0	0	0	0	0	0	0	0	0	0	0
n/a	2012	Iberdrola Wind	0	48,920	0	0	0	0	0	0	0	0	0	0	0	0	0	0
n/a	2012	Noble Wind	0	54,033	0	0	0	0	0	0	0	0	0	0	0	0	0	0
n/a	2013	Calpine Geysers	0	0	79,960	0	0	0	0	0	0	0	0	0	0	0	0	0
n/a	2013	Noble Wind	0	0	5,040	0	0	0										

PUBLIC VERSION

2013 Preliminary 33% RPS First Compliance Period (2011-2013) Report

Calpine PowerAmerica-CA, LLC

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Data Reported by:
Calpine PowerAmerica-CA, LLC
August 1, 2014

Input Required
Actual Data
Forecasted Data

Retirement Summary (MWh)	Actual MWh			Forecasted MWh						
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Total Annual Retirements	202,911	206,126	167,600	0	0	0	0	0	0	0
Long-Term PCC 0 RECs Retired	140,754	82,172	0	0	0	0	0	0	0	0
Short-Term PCC 0 RECs Retired	0	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	12,157	75,034	85,000	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	48,920	82,600	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	50,000	0	0	0	0	0	0	0	0	0
Total RECs Retired per Compliance Period	576,637			0			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	576,637			0			0			

[illegible][illegible]

[illegible]

PUBLIC VERSION

2013 Preliminary 33% RPS First
Compliance Period (2011-2013) Report

Calpine PowerAmerica-CA, LLC

Annual RPS Compliance Report: (2011) 36 Month Retirement

Data Reported by:
Calpine PowerAmerica-CA, LLC
August 1, 2014

	Input Required
	Information is Hard Coded (No Input Required)

Note : Please create one line per combination of REC vintage and REC retirement date. For example RECs that have the same vintage are retired on two separate dates, please include one line per retirement date. Likewise if RECs of different vintages (e.g. June 2013 and July 2013) are retired on the same date, please include one line per vintage.

CPUC ID	RPS ID	WREGIS_ID	Facility Name	Vintage Month/Year	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
T0023	60115A	W484	Geysers Power Plant - Aidlin Power Plant	May-11	Jul-13	Apr-2014	PASS	316
T0059	60004A	W120	Geysers Power Plant - Calpine Geothermal Unit 12	Jun-11	Jul-13	May-2014	PASS	129
T0061	60026B	W122	Geysers Power Plant - Calpine Geothermal Unit 14	Jun-11	Jul-13	May-2014	PASS	8
T0027	60006A	W123	Geysers Power Plant - Calpine Geothermal Unit 16	Jun-11	Jul-13	May-2014	PASS	87
T0027	60006A	W1567	Geysers Power Plant - Calpine Geothermal Unit 16A	Sep-11	Jul-13	Aug-2014	PASS	587
T0027	60006A	W1567	Geysers Power Plant - Calpine Geothermal Unit 16A	Oct-11	Jul-13	Sep-2014	PASS	306
T0027	60006A	W1567	Geysers Power Plant - Calpine Geothermal Unit 16A	Nov-11	Jul-13	Oct-2014	PASS	1517
T0027	60006A	W1567	Geysers Power Plant - Calpine Geothermal Unit 16A	Dec-11	Jul-13	Nov-2014	PASS	1729
T0058	60007A	W124	Geysers Power Plant - Calpine Geothermal Unit 17	Apr-11	Jul-13	Mar-2014	PASS	4364
T0058	60008A	W125	Geysers Power Plant - Calpine Geothermal Unit 18	Aug-11	Jul-13	Jul-2014	PASS	8229
T0058	60008A	W125	Geysers Power Plant - Calpine Geothermal Unit 18	Aug-11	Jul-13	Jul-2014	PASS	4
T0058	60008A	W125	Geysers Power Plant - Calpine Geothermal Unit 18	Mar-11	Jul-13	Feb-2014	PASS	7978
T0058	60008A	W125	Geysers Power Plant - Calpine Geothermal Unit 18	Jan-11	Jul-13	Dec-2013	PASS	19
T0058	60008A	W125	Geysers Power Plant - Calpine Geothermal Unit 18	Jul-11	Jul-13	Jun-2014	PASS	2024
T0058	60008A	W125	Geysers Power Plant - Calpine Geothermal Unit 18	Jan-11	Jul-13	Dec-2013	PASS	8298
T0058	60008A	W125	Geysers Power Plant - Calpine Geothermal Unit 18	Feb-11	Jul-13	Jan-2014	PASS	375
T0058	60008A	W1568	Geysers Power Plant - Calpine Geothermal Unit 18A	Feb-11	Jul-13	Jan-2014	PASS	6605
T0058	60008A	W1568	Geysers Power Plant - Calpine Geothermal Unit 18A	Mar-11	Jul-13	Feb-2014	PASS	7926
T0058	60008A	W1568	Geysers Power Plant - Calpine Geothermal Unit 18A	Jan-11	Jul-13	Dec-2013	PASS	3932
T0058	60008A	W1568	Geysers Power Plant - Calpine Geothermal Unit 18A	Apr-11	Jul-13	Mar-2014	PASS	6313
T0058	60008A	W1568	Geysers Power Plant - Calpine Geothermal Unit 18A	May-11	Jul-13	Apr-2014	PASS	3521
T0058	60008A	W1568	Geysers Power Plant - Calpine Geothermal Unit 18A	Aug-11	Jul-13	Jul-2014	PASS	4217
T0058	60008A	W1568	Geysers Power Plant - Calpine Geothermal Unit 18A	Jul-11	Jul-13	Jun-2014	PASS	4681

PUBLIC VERSION

2013 Preliminary 33% RPS First
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Calpine PowerAmerica-CA, LLC

Annual RPS Compliance Report: (2012) 36 Month Retirement

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Calpine PowerAmerica-CA, LLC

August 1, 2014

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CPUC ID	RPS ID	WREGIS_ID	Facility Name	Vintage Month/Year	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	W2905	Alta Wind VII - Alta 7	11/01/2012	Jun-14	Oct-2015	PASS	4728
N/A	N/A	W2905	Alta Wind VII - Alta 7	12/01/2012	Jun-14	Nov-2015	PASS	18114
N/A	N/A	W2904	Alta Wind IX - Alta 9	12/01/2012	Jun-14	Nov-2015	PASS	12688
N/A	N/A	W2904	Alta Wind IX - Alta 9	11/01/2012	Jun-14	Oct-2015	PASS	4271
N/A	60025B	W119	Geysers Power Plant - Calpine Geothermal Unit 11	07/01/2012	Jun-14	Jun-2015	PASS	1
T0027	60006A	W1567	Geysers Power Plant - Calpine Geothermal Unit 16A Onsite Load	09/01/2012	Jun-14	Aug-2015	PASS	1561
T0027	60006A	W1567	Geysers Power Plant - Calpine Geothermal Unit 16A Onsite Load	12/01/2012	Jun-14	Nov-2015	PASS	1796
T0027	60006A	W1567	Geysers Power Plant - Calpine Geothermal Unit 16A Onsite Load	10/01/2012	Jun-14	Sep-2015	PASS	1751
T0027	60006A	W1567	Geysers Power Plant - Calpine Geothermal Unit 16A Onsite Load	11/01/2012	Jun-14	Oct-2015	PASS	1704
T0058	60008A	W125	Geysers Power Plant - Calpine Geothermal Unit 18	11/01/2012	Jun-14	Oct-2015	PASS	13
T0058	60008A	W125	Geysers Power Plant - Calpine Geothermal Unit 18	12/01/2012	Jun-14	Nov-2015	PASS	127
T0058	60008A	W125	Geysers Power Plant - Calpine Geothermal Unit 18	07/01/2012	Jun-14	Jun-2015	PASS	14853
T0058	60008A	W125	Geysers Power Plant - Calpine Geothermal Unit 18	09/01/2012	Jun-14	Aug-2015	PASS	1439
T0058	60008A	W125	Geysers Power Plant - Calpine Geothermal Unit 18	01/01/2012	Jun-14	Dec-2014	PASS	10068
T0058	60008A	W125	Geysers Power Plant - Calpine Geothermal Unit 18	02/01/2012	Jun-14	Jan-2015	PASS	1863
T0058	60008A	W1568	Geysers Power Plant - Calpine Geothermal Unit 18A Onsite Load	09/01/2012	Jun-14	Aug-2015	PASS	3949
T0058	60008A	W1568	Geysers Power Plant - Calpine Geothermal Unit 18A Onsite Load	08/01/2012	Jun-14	Jul-2015	PASS	2159
T0058	60008A	W1568	Geysers Power Plant - Calpine Geothermal Unit 18A Onsite Load	11/01/2012	Jun-14	Oct-2015	PASS	6194
T0058	60008A	W1568	Geysers Power Plant - Calpine Geothermal Unit 18A Onsite Load	10/01/2012	Jun-14	Sep-2015	PASS	4877
T0058	60008A	W1568	Geysers Power Plant - Calpine Geothermal Unit 18A Onsite Load	08/01/2012	Jun-14	Jul-2015	PASS	19
T0058	60008A	W1568	Geysers Power Plant - Calpine Geothermal Unit 18A Onsite Load	12/01/2012	Jun-14	Nov-2015	PASS	821
T0030	60009A	W126	Geysers Power Plant - Calpine Geothermal Unit 20	08/01/2012	Jun-14	Jul-2015	PASS	2651
T0030	60009A	W126	Geysers Power Plant - Calpine Geothermal Unit 20	02/01/2012	Jun-14	Jan-2015	PASS	2

PUBLIC VERSION

2013 Preliminary 33% RPS First
Compliance Period (2011-2013) Report

Calpine PowerAmerica-CA, LLC

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CPUC ID	RPS ID	WREGIS_ID	Facility Name	Vintage Month/Year	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
	60025B	W119	Geysers Power Plant - Calpine Geothermal Unit 11	07/01/2013	Jul-14	Jun-2016	PASS	17
	60025B	W119	Geysers Power Plant - Calpine Geothermal Unit 11	09/01/2013	Jul-14	Aug-2016	PASS	2
	60004A	W120	Geysers Power Plant - Calpine Geothermal Unit 12	01/01/2013	Jul-14	Dec-2015	PASS	2
	60004A	W120	Geysers Power Plant - Calpine Geothermal Unit 12	02/01/2013	Jul-14	Jan-2016	PASS	15779
	60026B	W122	Geysers Power Plant - Calpine Geothermal Unit 14	01/01/2013	Jul-14	Dec-2015	PASS	1
	60026B	W122	Geysers Power Plant - Calpine Geothermal Unit 14	02/01/2013	Jul-14	Jan-2016	PASS	3
	60026B	W122	Geysers Power Plant - Calpine Geothermal Unit 14	09/01/2013	Jul-14	Aug-2016	PASS	46
	60007A	W124	Geysers Power Plant - Calpine Geothermal Unit 17	06/01/2013	Jul-14	May-2016	PASS	2
	60008A	W125	Geysers Power Plant - Calpine Geothermal Unit 18	02/01/2013	Jul-14	Jan-2016	PASS	290
	60008A	W125	Geysers Power Plant - Calpine Geothermal Unit 18	03/01/2013	Jul-14	Feb-2016	PASS	16
	60008A	W125	Geysers Power Plant - Calpine Geothermal Unit 18	03/01/2013	Jul-14	Feb-2016	PASS	3158
	60008A	W125	Geysers Power Plant - Calpine Geothermal Unit 18	03/01/2013	Jul-14	Feb-2016	PASS	4180
	60008A	W125	Geysers Power Plant - Calpine Geothermal Unit 18	05/01/2013	Jul-14	Apr-2016	PASS	6897
	60008A	W125	Geysers Power Plant - Calpine Geothermal Unit 18	09/01/2013	Jul-14	Aug-2016	PASS	11454
	60008A	W125	Geysers Power Plant - Calpine Geothermal Unit 18	08/01/2013	Jul-14	Jul-2016	PASS	13160
	60009A	W126	Geysers Power Plant - Calpine Geothermal Unit 20	05/01/2013	Jul-14	Apr-2016	PASS	3400
	60009A	W126	Geysers Power Plant - Calpine Geothermal Unit 20	06/01/2013	Jul-14	May-2016	PASS	2425
	60866A	W1376	Calabasas Gas-to-Energy Facility - CGTEF	05/01/2013	Jul-14	Apr-2016	PASS	1812
	60866A	W1376	Calabasas Gas-to-Energy Facility - CGTEF	06/01/2013	Jul-14	May-2016	PASS	3228
	61360A	W1992	Dokie Wind - Dokie Wind	03/01/2013	Jun-14	Feb-2016	PASS	80
	61360A	W1992	Dokie Wind - Dokie Wind	03/01/2013	Jun-14	Feb-2016	PASS	221
	61360A	W1992	Dokie Wind - Dokie Wind	03/01/2013	Jun-14	Feb-2016	PASS	99
	61360A	W1992	Dokie Wind - Dokie Wind	03/01/2013	Jun-14	Feb-2016	PASS	120

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 8/1/14 at HOUSTON, TEXAS.

(Date)

(Name of city)

(State)



SK

William Stokes, Vice President