# 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)

# Commerce Energy, Inc.

# 2011 Preliminary Annual 33% RPS Compliance Report

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

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## CALIFORNIA'S RENEWABLES PORTFOLIO STANDARD

### 2011 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

- 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.
- 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.) 0506-040, and any subsequent decisions issued in the same or successor proceeding. A declaration for confidentiality should identify all redacted information by tab name
  and rell 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 willNOT 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:

- 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.
- 3. Identification of all procurement of unbundled renewable energy credits (RECs) during the period covered by the report.
- 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.

### **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.

<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).

<u>Excess Procurement Bank</u>: 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.

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**

<u>Procurement Summary</u>: This section differentiates the reported RECs procured by classification (i.e., pre-June 1, 2010, Category 1, Category 2 or Category 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) Pre-2002 Contracts: Input total annual deliveries by resource type

b) 2002-2020 Contracts: List contracts by CPUC ID Number, name, annual contracted deliveries (MWh), contract status, facility status, resource type, expected portfolio content category (i.e. Category 1, Category 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.

c) "Contract Volume" (Column "W") Input the total MWh over the term of the contract identified in the power purchase agreement.

d) 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.

e) If any 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.

# RECs Retired and Applied to PQR

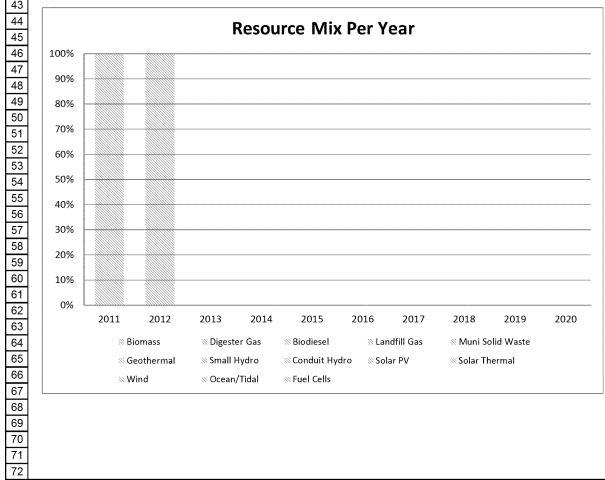
The information provided in this tab is largely the same as the information within the "Procurement Detail tab"; however, rather than including all RPS eligible RECS procured, retail sellers should provide only the MWh figures of RECs retired through WREGIS and applied to their Procurement Quantity Requirement.

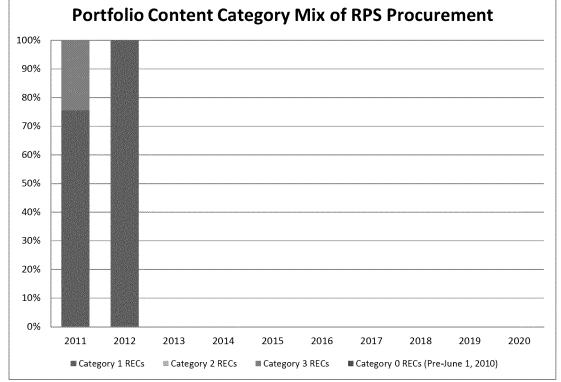
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RPS Compliance Report: Summary		
o compilation reports cultivately		
2011 Annual Summary		
Report Date		
	2011	
RPS Summary Report	MWh	% of Total Retail Sales
Total Retail Sales		n/a
Annual RPS Target		20.0%
Total RPS Eligible RECs Procured	94,104	
Total RPS Eligible RECs Retired for Compliance	0	0.0%
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	23,648	25.1%
Muni Solid Waste	<del>.</del>	0.0%
Biopower Subtotal  Geothermal	23,648 27,456	25.1% 29.2%
Small Hydro	27,436	0.0%
Conduit Hydro	0	0.0%
Solar PV		0.0%
Solar Thermal	0	0.0%
Wind	43,000	45.7%
Ocean/Tidal		0.0%
Fuel Cells	0	0.0%
Total RPS Eligible Procurement	94,104	
Total Ri J Ligible i Total eniche	94,104	i.
Claimed Portfolio Content Category of RPS Procurement		
	2011	9/ of Total DDC
Portfolio Content Category	MWh	% of Total RPS Procurement
RECs Procured from Contracts Executed Prior to June 1, 2010	0	0.0%
RECs Procured from Category 1 Eligible Resources	71,104	75.6%
RECs Procured from Category 2 Eligible Resources	71,104	0.0%
RECs Procured from Category 2 Eligible Resources	23,000	24.4%
>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	94,104	:
<u> </u>	- 1,201	š.

С	D	Е	F	G	ј Н	l J	K	
RPS Compliance Report: Summary								
r								
	2011-13 Complian	ce Period						
Report Date								
	•				an			
DDC Community Downst	2011	2012 MWh	2013	CP TOTAL		This amount	onroconto	
RPS Summary Report	MWh	iviwn	MWh	MWh	% of Total Retail Sales	total procure		
Total Retail Sales					n/a	quantity requ		
Annual RPS Targets and Compliance Period Procurement Requirement					20.0%	- qualitity requ		
Total RPS Eligible RECs Procured	94,104	35,000	0	129,104		This amount	enresents	
Total RPS Eligible RECs Retired	0	0	0	0	0.0%	quantity of R		
					The state of the s	for this comp		
RPS Procurement Resource Mix					And the second s			_
	2011	2012	2013	CP TOTAL				
RPS Procurement	MWh	MWh	MWh	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	23,648	0	0	23,648	18.3%			
Muni Solid Waste	0	0	0	0	0.0%			
Biopower Subtotal Geothermal	23,648	35,000	0	23,648	18.3% 48.4%			
Small Hydro	27,456 0	35,000	0	62,456 0	0.0%			
Conduit Hydro	0	n	n	0	0.0%			
Solar PV	n :		0	0	0.0%			
Solar Thermal	0	0	n :	0	0.0%			
Wind	43,000	n	n :	43,000	33.3%			
Ocean/Tidal	45,000	0	0	43,000	0.0%			
Fuel Cells	0	0	0	0	0.0%			
	ojana araba ar	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	0		21070			
Total RPS Eligible Procurement	94,104	35,000		129,104	J.			
Claimed Portfolio Content Category of RPS Procurement								
	2011	2012	2013	CP TOTAL				
Portfolio Content Category	MWh	MWh	MWh	MWh	% of Total RP\$			
RECs Procured from Contracts Executed Prior to June 1, 2010	0	0	Λ	0	Procurement 0.0%			
RECs Procured from Category 1 Eligible Resources	71,104	35,000	0	106,104	82.2%			
RECs Procured from Category 2 Eligible Resources	71,104	33,000	n :	100,104	0.0%			
RECs Procured from Category 3 Eligible Resources	23,000	0	0	23,000	17.8%			
Total	94,104	35,000	0	129,104				

	Α	В	С	D	E	F	G	Н	I	J	K	L	M
1													
2		Data Reported by:											
3		Commerce Energy, Inc.											
4		December 27, 2012											
5													
6		Compliance Summary and Charts											
7													
8			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
10		Retail Sales (MWh)						390,823	371,282	352,718	335,082	318,328	1
11		Annual % Target	20.0%	20.0%	20.0%	21.7%	23.3%	25.0%	27.0%	29.0%	31.0%	33.0%	1
12		Annual RPS Target						97,706	100,246	102,288	103,875	105,048	1
13 14		Procurement Quantity Requirement								411	.,458		
16 17		ſ	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
17		Total RPS Procurement	2011 94.104	2012	2013	2014	2015	2016	2017	2018	2019	2020	
17 19		Total RPS Procurement	94,104	35,000	0	0	0	0	0	0	0	0	
17 19 20		Biomass	<b>94,104</b> 0		<b>0</b>	<b>0</b>	<b>0</b>		<b>0</b>	<b>0</b>	0	<b>0</b>	=
17 19 20 21		Biomass Digester Gas	94,104	<b>35,000</b>	0	0	0	<b>0</b>	0	0	0	0	= = 
17 19 20 21		Biomass	<b>94,104</b> 0 0	35,000 0	<b>0</b> 0	<b>0</b> 0 0	<b>0</b> 0	0 0	<b>0</b> 0 0	<b>0</b> 0	0 0	<b>0</b> 0	=
17 19 20 21		Biomass Digester Gas Biodiesel Landfill Gas	94,104 0 0 0	35,000 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	= =  
17 19 20 21		Biomass Digester Gas Biodiesel	94,104 0 0 0 0 23,648	35,000 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	= = 
17 19 20 21		Biomass Digester Gas Biodiesel Landfill Gas Muni Solid Waste	94,104 0 0 0 0 23,648 0	35,000 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	-
17 19 20 21 22 23 24 25 26 27		Biomass Digester Gas Biodiesel Landfill Gas Muni Solid Waste Biopower Subtotal	94,104 0 0 0 23,648 0 23,648 27,456 0	35,000 0 0 0 0 0 0 0 35,000	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	-
17 19 20 21 22 23 24 25 26 27		Biomass Digester Gas Biodiesel Landfill Gas Muni Solid Waste Biopower Subtotal Geothermal Small Hydro Conduit Hydro	94,104 0 0 0 23,648 0 23,648 27,456	35,000 0 0 0 0 0 0 0 35,000	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	
17 19 20 21 22 23 24 25 26 27 28 29		Biomass Digester Gas Biodiesel Landfill Gas Muni Solid Waste Biopower Subtotal Geothermal Small Hydro	94,104 0 0 0 23,648 0 23,648 27,456 0	35,000 0 0 0 0 0 0 0 35,000	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	
17 19 20 21 22 23 24 25 26 27 28 29		Biomass Digester Gas Biodiesel Landfill Gas Muni Solid Waste Biopower Subtotal Geothermal Small Hydro Conduit Hydro Solar PV Solar Thermal	94,104 0 0 0 23,648 0 23,648 27,456 0 0 0	35,000 0 0 0 0 0 0 35,000 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	
17 19 20 21 22 23 24 25 26 27 28 29 30 31		Biomass Digester Gas Biodiesel Landfill Gas Muni Solid Waste Biopower Subtotal Geothermal Small Hydro Conduit Hydro Solar PV Solar Thermal Wind	94,104 0 0 0 23,648 0 23,648 27,456 0 0	35,000 0 0 0 0 0 0 35,000 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	
17 19 20 21 22 23 24 25 26 27 28 29 30 31		Biomass Digester Gas Biodiesel Landfill Gas Muni Solid Waste Biopower Subtotal Geothermal Small Hydro Conduit Hydro Solar PV Solar Thermal Wind Ocean/Tidal	94,104 0 0 0 23,648 0 23,648 27,456 0 0 0	35,000 0 0 0 0 0 0 35,000 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 0 0 0 0 0 0	
17 19 20 21 22 23 24 25 26 27 28 29		Biomass Digester Gas Biodiesel Landfill Gas Muni Solid Waste Biopower Subtotal Geothermal Small Hydro Conduit Hydro Solar PV Solar Thermal Wind	94,104 0 0 0 23,648 0 23,648 27,456 0 0 0 43,000	35,000 0 0 0 0 0 0 35,000 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 0 0 0 0 0 0 0 0 0	

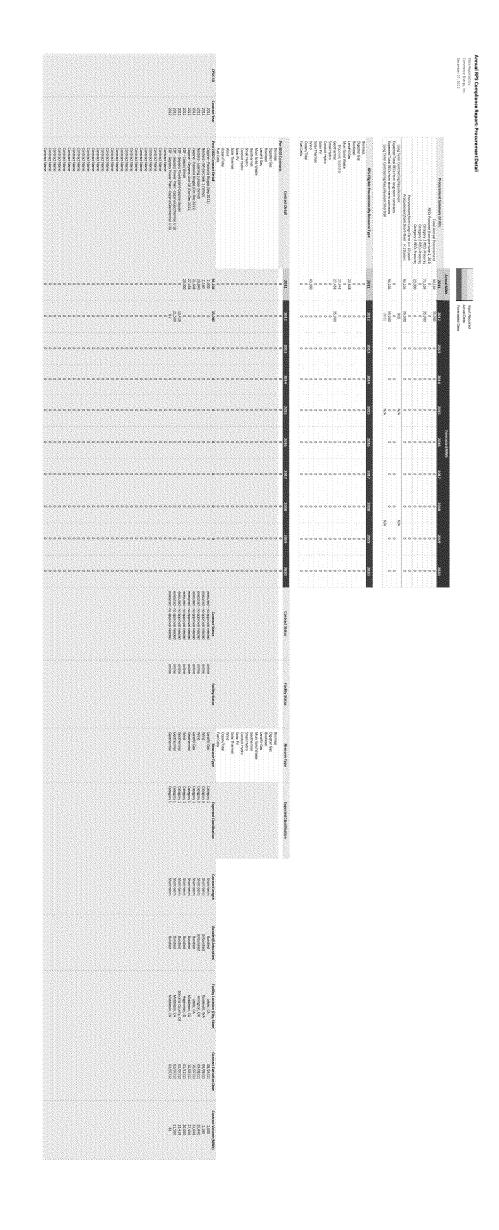
	/ /				_	'		1.1			1 \	
35		Portfolio Content Category Mix										
36	1											
37			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
39		Category 0 RECs (Pre-June 1, 2010)	0	0	0	0	0	0	0	0	0	0
40		Category 1 RECs	71,104	35,000	0	0	0	0	0	0	0	0
41		Category 2 RECs	0	0	0	0	0	0	0	0	0	0
42		Category 3 RECs	23,000	0	0	0	0	0	0	0	0	0
43												
	7 !					1 1						

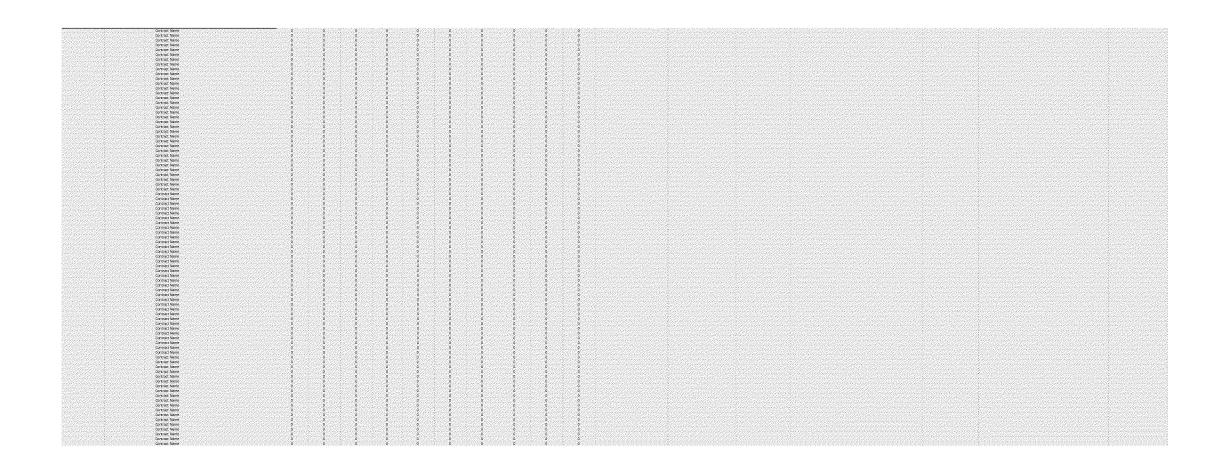




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H												
2	Annual RPS Compliance Report: Compliance Status											
3	Data Reported by:											
$\dashv$			l									
4	Commerce Energy, Inc.		Input Required									
5	December 27, 2012		Actual Data									
6			Forecasted Data									
$\stackrel{\circ}{-}$												
7			Information is H	lard Coded								
8												
9	Information from the 20% RPS Compliance Program (MWh)	Act	ual									
10	Total Retail Sales in 2010	361,	834									
11	Net Surplus/(Deficit) from 20% RPS Closing Report	5,3	47									
12				=								
13												_
12 13 14 15			ompliance Period	1	(	Compliance Period		1	Complia	nce Period 3	AL PANE DE L'ORMAN BROOKS, L'ANDRES DE	J
15		Actual					Forecast					
17	Annual RPS Procurement and Percentages (MWh)	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
18	Annual Retail Sales						390,823	371,282	352,718	335,082	318,328	
19	Annual RPS Procurement	94,104	35,000	0	0	0	0	0	0	0	0	
20	Annual Percentage Targets	20.0%	20.0%	20.0%	21.7%	23.3%	25.0%	27.0%	29.0%	31.0%	33.0%	
21	Annual RPS Procurement Percentage						0.0%	0.0%	0.0%	0.0%	0.0%	
22												
23												_
24			ompliance Period			Compliance Period				nce Period 3		
25	Procurement Quantity Requirement (MWh)	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
∠b	Procurement Quantity Requirement (PQR)									11,458		
26 27	Pre-June 1, 2010 RECs Retired (Annual)	0	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
27 28	Pre-June 1, 2010 RECs Retired (Annual) Category 1 RECs Retired (Annual)	0	0	0	n/a	n/a	n/a n/a	n/a	n/a n/a	n/a n/a	n/a	
27 28 29	Pre-June 1, 2010 RECs Retired (Annual) Category 1 RECs Retired (Annual) Category 2 RECs Retired (Annual)	0	0	0	n/a n/a	n/a n/a	n/a n/a n/a	n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a	
27 28 29 30	Pre-June 1, 2010 RECs Retired (Annual) Category 1 RECs Retired (Annual) Category 2 RECs Retired (Annual) Category 3 RECs Retired (Annual)	0 0 0	0 0 0	0 0	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a	
31	Pre-June 1, 2010 RECs Retired (Annual) Category 1 RECs Retired (Annual) Category 2 RECs Retired (Annual) Category 3 RECs Retired (Annual) Annual Percentage Targets	0 0 0 0 20.0%	0 0 0 0 20:0%	0 0 0 0 20.0%	n/a n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a	n/a n/a n/a n/a	
31	Pre-June 1, 2010 RECs Retired (Annual) Category 1 RECs Retired (Annual) Category 2 RECs Retired (Annual) Category 3 RECs Retired (Annual) Annual Percentage Targets RECs Retired as Percentage of Retail Sales	0 0 0	0 0 0 0 20.0%	0 0	n/a n/a n/a	n/a n/a n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a	n/a n/a n/a	
31	Pre-June 1, 2010 RECs Retired (Annual) Category 1 RECs Retired (Annual) Category 2 RECs Retired (Annual) Category 3 RECs Retired (Annual) Annual Percentage Targets	0 0 0 0 20.0%	0 0 0 0 20:0%	0 0 0 0 20.0%	n/a n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a	n/a n/a n/a n/a	
31	Pre-June 1, 2010 RECs Retired (Annual) Category 1 RECs Retired (Annual) Category 2 RECs Retired (Annual) Category 3 RECs Retired (Annual) Annual Percentage Targets RECs Retired as Percentage of Retail Sales	0 0 0 0 20.0%	0 0 0 0 20.0%	0 0 0 0 20.0%	n/a n/a n/a n/a	n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a	
31	Pre-June 1, 2010 RECs Retired (Annual) Category 1 RECs Retired (Annual) Category 2 RECs Retired (Annual) Category 3 RECs Retired (Annual) Annual Percentage Targets RECs Retired as Percentage of Retail Sales	0 0 0 20.0%	0 0 0 0 20.0% 0.0%	0 0 0 20.0%	n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a	n/a	n/a n/a n/a n/a	=
31	Pre-June 1, 2010 RECs Retired (Annual) Category 1 RECs Retired (Annual) Category 2 RECs Retired (Annual) Category 3 RECs Retired (Annual) Annual Percentage Targets RECs Retired as Percentage of Retail Sales Total RECs Retired (Compliance Period)	0 0 0 20.0% 0.0%	0 0 0 20.0% 0.0% 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a	
31	Pre-June 1, 2010 RECs Retired (Annual) Category 1 RECs Retired (Annual) Category 2 RECs Retired (Annual) Category 3 RECs Retired (Annual) Annual Percentage Targets RECs Retired as Percentage of Retail Sales Total RECs Retired (Compliance Period)  Portfolio Balance Requirements (MWh)	0 0 0 20.0%	0 0 0 0 20.0% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 20.0%	n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a 2015	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a 2018	n/a	n/a n/a n/a n/a	
31	Pre-June 1, 2010 RECs Retired (Annual) Category 1 RECs Retired (Annual) Category 2 RECs Retired (Annual) Category 3 RECs Retired (Annual) Annual Percentage Targets RECs Retired as Percentage of Retail Sales Total RECs Retired (Compliance Period)  Portfolio Balance Requirements (MWh) Category 1 RECs Retired (Compliance Period)	0 0 0 20.0% 0.0%	0 0 0 20.0% 0.0% 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a 2015 n/a	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a 2018	n/a	n/a n/a n/a n/a n/a n/a	
31	Pre-June 1, 2010 RECs Retired (Annual) Category 1 RECs Retired (Annual) Category 2 RECs Retired (Annual) Category 3 RECs Retired (Annual) Annual Percentage Targets RECs Retired as Percentage of Retail Sales Total RECs Retired (Compliance Period)  Portfolio Balance Requirements (MWh) Category 1 RECs Retired (Compliance Period) Category 2 RECs Retired (Compliance Period)	0 0 0 20.0% 0.0%	0 0 0 20.0% 0.0% 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	n/a n/a n/a n/a n/a n/a	n/a	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a 2018	n/a	n/a n/a n/a n/a n/a n/a	
31 32 33 34 36 37 38 39 40	Pre-June 1, 2010 RECs Retired (Annual) Category 1 RECs Retired (Annual) Category 2 RECs Retired (Annual) Category 3 RECs Retired (Annual) Annual Percentage Targets RECs Retired as Percentage of Retail Sales Total RECs Retired (Compliance Period)  Portfolio Balance Requirements (MWh) Category 1 RECs Retired (Compliance Period) Category 2 RECs Retired (Compliance Period) Category 3 RECs Retired (Compliance Period) Category 3 RECs Retired (Compliance Period)	0 0 0 20.0% 0.0%	0 0 0 20.0% 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	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a 2015 n/a n/a	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a 2018	n/a	n/a n/a n/a n/a n/a n/a	
31 32 33 34 36 37 38 39 40	Pre-June 1, 2010 RECs Retired (Annual) Category 1 RECs Retired (Annual) Category 2 RECs Retired (Annual) Category 3 RECs Retired (Annual) Annual Percentage Targets RECs Retired as Percentage of Retail Sales Total RECs Retired (Compliance Period)  Portfolio Balance Requirements (MWh) Category 1 RECs Retired (Compliance Period) Category 2 RECs Retired (Compliance Period) Category 3 RECs Retired (Compliance Period) Category 1 Balance Requirements (MWh) Category 1 Balance Requirement	0 0 0 20.0% 0.0%	0 0 0 20.0% 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	n/a n/a n/a n/a n/a n/a	n/a	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a 2018	n/a	n/a n/a n/a n/a n/a n/a	
31 32 33 34 36 37 38 39 40 41 42 43	Pre-June 1, 2010 RECs Retired (Annual) Category 2 RECs Retired (Annual) Category 2 RECs Retired (Annual) Category 3 RECs Retired (Annual) Annual Percentage Targets RECs Retired as Percentage of Retail Sales Total RECs Retired (Compliance Period)  Portfolio Balance Requirements (MWh) Category 1 RECs Retired (Compliance Period) Category 2 RECs Retired (Compliance Period) Category 3 RECs Retired (Compliance Period) Category 3 RECs Retired (Compliance Period) Category 1 Red Retirements from Category 1	0 0 0 20.0% 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	n/a n/a n/a n/a n/a n/a	n/a	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a 2018	n/a	n/a n/a n/a n/a n/a n/a	
31 32 33 34 36 37 38 39 40 41 42 43	Pre-June 1, 2010 RECs Retired (Annual) Category 1 RECs Retired (Annual) Category 2 RECs Retired (Annual) Category 3 RECs Retired (Annual) Annual Percentage Targets RECs Retired as Percentage of Retail Sales Total RECs Retired (Compliance Period)  Portfolio Balance Requirements (MWh) Category 1 RECs Retired (Compliance Period) Category 2 RECs Retired (Compliance Period) Category 3 RECs Retired (Compliance Period) Category 1 Balance Requirement Excess/(Shortfall) Retirements from Category 1 Category 3 Balance Requirement Excess/(Shortfall) Retirements from Category 1 Category 3 Balance Limitation	0 0 0 20.0% 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	n/a n/a n/a n/a n/a n/a	n/a	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a 2018	n/a	n/a n/a n/a n/a n/a n/a	
31 32 33 34 36 37 38 39 40 41 42 43	Pre-June 1, 2010 RECs Retired (Annual) Category 2 RECs Retired (Annual) Category 2 RECs Retired (Annual) Category 3 RECs Retired (Annual) Annual Percentage Targets RECs Retired as Percentage of Retail Sales Total RECs Retired (Compliance Period)  Portfolio Balance Requirements (MWh) Category 1 RECs Retired (Compliance Period) Category 2 RECs Retired (Compliance Period) Category 3 RECs Retired (Compliance Period) Category 3 RECs Retired (Compliance Period) Category 1 Red Retirements from Category 1	0 0 0 20.0% 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	n/a n/a n/a n/a n/a n/a	n/a	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a 2018	n/a   n/a	n/a n/a n/a n/a n/a n/a	
31 32 33 34 36 37 38 39 40 41 42 43	Pre-June 1, 2010 RECs Retired (Annual) Category 1 RECs Retired (Annual) Category 2 RECs Retired (Annual) Category 3 RECs Retired (Annual) Annual Percentage Targets RECs Retired as Percentage of Retail Sales Total RECs Retired (Compliance Period)  Portfolio Balance Requirements (MWh) Category 1 RECs Retired (Compliance Period) Category 2 RECs Retired (Compliance Period) Category 3 RECs Retired (Compliance Period) Category 1 Balance Requirement Excess/(Shortfall) Retirements from Category 1 Category 3 Balance Requirement Excess/(Shortfall) Retirements from Category 1 Category 3 Balance Limitation	0 0 0 20.0% 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	n/a n/a n/a n/a n/a n/a	n/a	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a 2018	n/a	n/a n/a n/a n/a n/a n/a	
31 32 33 34 36 37 38 39 40 41 42 43	Pre-June 1, 2010 RECs Retired (Annual) Category 1 RECs Retired (Annual) Category 2 RECs Retired (Annual) Category 3 RECs Retired (Annual) Annual Percentage Targets RECs Retired as Percentage of Retail Sales Total RECs Retired (Compliance Period)  Portfolio Balance Requirements (MWh) Category 1 RECs Retired (Compliance Period) Category 2 RECs Retired (Compliance Period) Category 3 RECs Retired (Compliance Period) Category 1 Balance Requirement Excess/(Shortfall) Retirements from Category 1 Category 3 Balance Requirement Excess/(Shortfall) Retirements from Category 1 Category 3 Balance Limitation	0 0 0 20.0% 0.0%	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 20.0% 0.0%	n/a n/a n/a n/a n/a n/a 2014	n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a 2 2 2016	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a 2018	n/a	n/a n/a n/a n/a n/a n/a	
31 32 33 34 36 37 38 39 40 41 42 43	Pre-June 1, 2010 RECs Retired (Annual) Category 1 RECs Retired (Annual) Category 2 RECs Retired (Annual) Category 3 RECs Retired (Annual) Annual Percentage Targets RECs Retired as Percentage of Retail Sales Total RECs Retired (Compliance Period)  Portfolio Balance Requirements (MWh) Category 1 RECs Retired (Compliance Period) Category 2 RECs Retired (Compliance Period) Category 3 RECs Retired (Compliance Period) Category 1 Balance Requirement Excess/(Shortfall) Retirements from Category 1 Category 3 Balance Limitation Ineligible Category 3	0 0 0 20.0% 0.0%	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 20.0% 0.0%	n/a n/a n/a n/a n/a n/a 2014	n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a 2 2 2016	n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a 2018	n/a	n/a n/a n/a n/a n/a n/a	
31 32 33 34 36 37 38 39 40 41 42 43	Pre-June 1, 2010 RECs Retired (Annual) Category 1 RECs Retired (Annual) Category 2 RECs Retired (Annual) Category 3 RECs Retired (Annual) Annual Percentage Targets RECs Retired as Percentage of Retail Sales Total RECs Retired (Compliance Period)  Portfolio Balance Requirements (MWh) Category 1 RECs Retired (Compliance Period) Category 2 RECs Retired (Compliance Period) Category 3 RECs Retired (Compliance Period) Category 1 Balance Requirement Excess/(Shortfall) Retirements from Category 1 Category 3 Balance Requirement Excess/(Shortfall) Retirements from Category 1 Category 3 Balance Limitation	0 0 0 20.0% 0.0%	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 20.0% 0.0%	n/a n/a n/a n/a n/a n/a 2014	n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a 2 2 2016	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a 2018	n/a	n/a n/a n/a n/a n/a n/a	
31 32 33 34 36 37 38 39 40 41 42 43	Pre-June 1, 2010 RECs Retired (Annual) Category 1 RECs Retired (Annual) Category 2 RECs Retired (Annual) Category 3 RECs Retired (Annual) Annual Percentage Targets RECs Retired as Percentage of Retail Sales Total RECs Retired (Compliance Period)  Portfolio Balance Requirements (MWh) Category 1 RECs Retired (Compliance Period) Category 2 RECs Retired (Compliance Period) Category 3 RECs Retired (Compliance Period) Category 1 Balance Requirement Excess/(Shortfall) Retirements from Category 1 Category 3 Balance Requirement Excess/(Shortfall) Retirements from Category 1 Category 3 Balance Limitation Ineligible Category 3  Excess Procurement Calculation (MWh) RECs applied to PQR from contracts executed prior to June 1, 2010	0 0 0 20.0% 0.0%	0 0 0 0 20.0% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 20.0% 0.0%	n/a n/a n/a n/a n/a n/a 2014	n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a 2 2 2016	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a 2018	n/a	n/a n/a n/a n/a n/a n/a	
31 32 33 34 36 37 38 39 40 41 42 43	Pre-June 1, 2010 RECs Retired (Annual) Category 1 RECs Retired (Annual) Category 2 RECs Retired (Annual) Category 3 RECs Retired (Annual) Annual Percentage Targets RECs Retired as Percentage of Retail Sales Total RECs Retired (Compliance Period)  Portfolio Balance Requirements (MWh) Category 1 RECs Retired (Compliance Period) Category 2 RECs Retired (Compliance Period) Category 2 RECs Retired (Compliance Period) Category 3 RECs Retired (Compliance Period) Category 3 Balance Requirement Excess/(Shortfall) Retirements from Category 1 Category 3 Balance Limitation Ineligible Category 3  Excess Procurement Calculation (MWh) RECs applied to PQR from contracts executed prior to June 1, 2010 Long-Term Category 1 RECs applied to PQR Short-Ferm Category 1 RECs applied to PQR Short-Ferm Category 1 RECs applied to PQR	0 0 0 20.0% 0.0%	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 20.0% 0.0%	n/a n/a n/a n/a n/a n/a 2014	n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a 2 2 2016	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a 2018	n/a	n/a n/a n/a n/a n/a n/a	
31 32 33 34 36 37 38 39 40 41 42 43	Pre-June 1, 2010 RECs Retired (Annual) Category 1 RECs Retired (Annual) Category 2 RECs Retired (Annual) Category 3 RECs Retired (Annual) Annual Percentage Targets RECs Retired as Percentage of Retail Sales Total RECs Retired (Compliance Period)  Portfolio Balance Requirements (MWh) Category 1 RECs Retired (Compliance Period) Category 2 RECs Retired (Compliance Period) Category 2 RECs Retired (Compliance Period) Category 3 RECs Retired (Compliance Period) Category 3 Balance Requirement Excess/(Shortfall) Retirements from Category 1 Category 3 Balance Limitation Ineligible Category 3  Excess Procurement Calculation (MWh) RECs applied to PQR from contracts executed prior to June 1, 2010 Long-Term Category 1 RECs applied to PQR Short-Ferm Category 1 RECs applied to PQR Short-Ferm Category 1 RECs applied to PQR	0 0 0 20.0% 0.0%	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 20.0% 0.0%	n/a n/a n/a n/a n/a n/a 2014	n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a 2 2 2016	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a 2018	n/a   n/a	n/a n/a n/a n/a n/a n/a	
31 32 33 34 36 37 38 39 40 41 42 43	Pre-June 1, 2010 RECs Retired (Annual) Category 1 RECs Retired (Annual) Category 2 RECs Retired (Annual) Category 3 RECs Retired (Annual) Annual Percentage Targets RECs Retired as Percentage of Retail Sales Total RECs Retired (Compliance Period)  Portfolio Balance Requirements (MWh) Category 1 RECs Retired (Compliance Period) Category 2 RECs Retired (Compliance Period) Category 3 RECs Retired (Compliance Period) Category 1 Balance Requirement Excess/(Shortfall) Retirements from Category 1 Category 3 RECs netired (Compliance Period) Ineligible Category 3  Excess Procurement Calculation (MWh) RECs applied to PQR from contracts executed prior to June 1, 2010 Long-Term Category 1 RECs applied to PQR	0 0 0 20.0% 0.0%	0 0 0 0 20.0% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 20.0% 0.0%	n/a n/a n/a n/a n/a n/a 2014	n/a	n/a n/a n/a n/a n/a n/a n/a n/a 2 2 2016	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a 2018	n/a   n/a	n/a n/a n/a n/a n/a n/a	
20 21 22 23 24 25 26 27 28 29 30 33 33 33 33 40 41 42 43 44 45 46 47 48 49 50 55 55 55 55 55 55 55 55 55	Pre-June 1, 2010 RECs Retired (Annual) Category 1 RECs Retired (Annual) Category 2 RECs Retired (Annual) Category 3 RECs Retired (Annual) Category 3 RECs Retired (Annual) Annual Percentage Targets RECs Retired as Percentage of Retail Sales Total RECs Retired (Compliance Period)  Portfolio Balance Requirements (MWh) Category 1 RECs Retired (Compliance Period) Category 2 RECs Retired (Compliance Period) Category 3 RECs Retired (Compliance Period) Category 1 Balance Requirement Excess/(Shortfall) Retirements from Category 1 Category 3 Balance Limitation Ineligible Category 3  Excess Procurement Calculation (MWh) RECs applied to PQR from contracts executed prior to June 1, 2010 Long-Term Category 1 RECs applied to PQR	0 0 0 20.0% 0.0%	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 20.0% 0.0%	n/a n/a n/a n/a n/a n/a 2014	n/a	n/a n/a n/a n/a n/a n/a n/a n/a 2 2 2016	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a complic 2018	n/a	n/a n/a n/a n/a n/a n/a	
31 32 33 34 36 37 38 39 40 41	Pre-June 1, 2010 RECs Retired (Annual) Category 1 RECs Retired (Annual) Category 2 RECs Retired (Annual) Category 3 RECs Retired (Annual) Annual Percentage Targets RECs Retired as Percentage of Retail Sales Total RECs Retired (Compliance Period)  Portfolio Balance Requirements (MWh) Category 1 RECs Retired (Compliance Period) Category 2 RECs Retired (Compliance Period) Category 2 RECs Retired (Compliance Period) Category 3 RECs Retired (Compliance Period) Category 1 Balance Requirement Excess/(Shortfail) Retirements from Category 1 Category 3 Balance Limitation Ineligible Category 3  Excess Procurement Calculation (MWh) RECs applied to PQR from contracts executed prior to June 1, 2010 Long-Term Category 1 RECs applied to PQR Short-Term Category 2 RECs applied to PQR Long-Term Category 2 RECs applied to PQR Short-Term Category 2 RECs applied to PQR Short-Term Category 2 RECs applied to PQR	0 0 0 20.0% 0.0%	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 20.0% 0.0%	n/a n/a n/a n/a n/a n/a 2014	n/a	n/a n/a n/a n/a n/a n/a n/a n/a 2 2 2016	n/a n/a n/a n/a n/a n/a	n/a	n/a	n/a n/a n/a n/a n/a n/a	

Α	В	С	D	E	F	G	Н		J	K	L	
58	Excess Pre-June 1, 2010 RECs		0			n/a			r	ı/a		
9	Excess Category 1 RECs		0			n/a			r	/a		
0	Excess Category 2 RECs		0			n/a			r	/a		
1	Remaining Excess RECs Eligible for Banking and Requiring a Category Assignment		0			n/a			r	ı/a		
2												
2 3 4 5 6												
4			Compliance Per			ompliance Period				ce Period 3		
5	Excess Procurement Bank (MWh)	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
3	Pre-June 1, 2010 Bank		5,347			n/a				ı/a		
7	Category 1 Bank		0			n/a				/a		
3	Category 2 Bank		0			n/a			r	ı/a		
9	Application of Pre-June 1, 2010 Banked RECs		Ó			n/a			r	/a		П
1	Application of Category 1 Banked RECs		0			n/a			ī	n/a		1
1	Application of Category 2 Banked RECs		0			n/a			r	/a		
2	Cumulative Pre-June 1, 2010 Bank	Ī	5,347			n/a		İ	r	ı/a		П
3	Cumulative Category 1 Bank		0			n/a			·	/a		
<u> </u>	Cumulative Category 2 Bank		0			n/a		-		/a		
3 7			Compliance Pe	riod 1	(	Compliance Period	2		Complian	ce Period 3		_
3 7 3	RPS Compliance Status (MWh)	2011	Compliance Per	riod 1 2013	2014	2015	2016	2017	2018	2019	2020	
3 7 3 9	RPS Compliance Status (MWh)  Additional RECs Needed to meet RPS Procurement Quantity Requirement	2011						2017	2018		2020	
6 7 8 9		2011				2015		2017	2018	2019	2020	
5 7 33 9	Additional RECs Needed to meet RPS Procurement Quantity Requirement		2012	2013		2015		2017	2018	2019	2020	
	Additional RECs Needed to meet RPS Procurement Quantity Requirement  Provisional 20% Closing Report	2011	2012			2015		2017	2018	2019	2020	
	Additional RECs Needed to meet RPS Procurement Quantity Requirement  Provisional 20% Closing Report  Deficit from Provisional 20% RPS Closing Report		2012 2012 N/A	2013		2015		2017	2018	2019	2020	
-	Additional RECs Needed to meet RPS Procurement Quantity Requirement  Provisional 20% Closing Report  Deficit from Provisional 20% RPS Closing Report  RECs applied to PQR from contracts executed prior to June 1, 2010		2012 2012 N/A 0	2013		2015		2017	2018	2019	2020	
	Additional RECs Needed to meet RPS Procurement Quantity Requirement  Provisional 20% Closing Report  Deficit from Provisional 20% RPS Closing Report  RECs applied to PQR from contracts executed prior to June 1, 2010  Long-Term Category 1 RECs applied to PQR		2012 N/A 0 0	2013		2015		2017	2018	2019	2020	
	Additional RECs Needed to meet RPS Procurement Quantity Requirement  Provisional 20% Closing Report  Deficit from Provisional 20% RPS Closing Report  RECs applied to PQR from contracts executed prior to June 1, 2010  Long-Term Category 1 RECs applied to PQR  Short-Term Category 1 RECs applied to PQR		2012 N/A 0 0	2013		2015		2017	2018	2019	2020	
	Provisional 20% Closing Report  Deficit from Provisional 20% RPS Closing Report  RECs applied to PQR from contracts executed prior to June 1, 2010  Long-Term Category 1 RECs applied to PQR  Long-Term Category 2 RECs applied to PQR  Long-Term Category 2 RECs applied to PQR		2012 N/A 0 0 0	2013		2015		2017	2018	2019	2020	
	Additional RECs Needed to meet RPS Procurement Quantity Requirement  Provisional 20% Closing Report  Deficit from Provisional 20% RPS Closing Report  RECs applied to PQR from contracts executed prior to June 1, 2010  Long-Term Category 1 RECs applied to PQR  Short-Term Category 2 RECs applied to PQR  Long-Term Category 2 RECs applied to PQR  Short-Term Category 2 RECs applied to PQR		2012 N/A 0 0 0 0	2013		2015		2017	2018	2019	2020	
	Additional RECs Needed to meet RPS Procurement Quantity Requirement  Provisional 20% Closing Report  Deficit from Provisional 20% RPTS Closing Report  RECs applied to PQR from contracts executed prior to June 1, 2010  Long-Term Category 1 RECs applied to PQR  Short-Term Category 2 RECs applied to PQR  Long-Term Category 2 RECs applied to PQR  Long-Term Category 3 RECs applied to PQR  Long-Term Category 3 RECs applied to PQR		2012 N/A 0 0 0 0 0	2013		2015		2017	2018	2019	2020	
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Decision - Online Cress 1 (West)   0	1,166   2,166   2,166   2,167   2,167   2,168   2,168   2,168   2,168   2,169   2,16	Myring Sandrill Soc Southernal Soci
Data   Neuros - White Creat   Wiles    0	2.660         7.160 <th< td=""><td>Note: Lacetti Coc. Lacetti Coc. Lacetti Coc. Cochemita Cochemita</td></th<>	Note: Lacetti Coc. Lacetti Coc. Lacetti Coc. Cochemita Cochemita
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Decrease - Windows L. (West)   0   2   2011	1,160   1,16	Forms  General Section
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## RPS Procurement Progress Report: Retirement Detail

Data Reported by: Commerce Energy, Inc. December 27, 2012



	Actua	MWh									Forecas	ted MWh								
Retirement Summary (MWh)	20	11	20	12	2	)13	2	014	2	015	20	016	20	17		2018	2	019	20	020
Total Annual Retirements	. 0		0	1		0		0	;	0		)	0	)	:	0	:	0		0
Retirements from Long-Term Contracts Executed Prior to June 1, 2010			0			D		0		0		)		}		0		0		O.
Retirements from Short-Term Contracts Executed Prior to June 1, 2010			0			0		0		0	1	)	C	)		0		0		ð
Long-Term Category 1 RECs Retired			0			0		0		0		)	C	1		0		0		ð
Short-Term Category 1 RECs Retired			0			0		0		0		)	:	1		0		0		a
Long-Term Category 2 RECs Retired			0			0		0		0	1	)		)		0		0		3
Short-Term Category 2 RECs Retired			0			0		0		0	1	)		}		0		0		ð
Long-Term Category 3 RECs Retired			0			0		0		0		)		)		0		0		٥
Short-Term Category 3 RECs Retired		:	0			D		0		0		)	C	}		0		0		O .
Total RECs Retired per Compliance Period			0	1	******	******			********	0	~~~~		:			*****	0	*******	******	
Amount of Category 1 Short-Term RECs Excluded from PQR			0			0		0		0		)		}		0		0		٥
Amount of Category 2 Short-Term RECs Excluded from PQR			0			0		0		0		)	E	)		0		0		٥
Amount of Category 3 Short-Term RECs Excluded from PQR			0			0		0	3	0		)		)		0		0		ð
Retired RECs Eligible for Compliance										0							0			

RPS-Eligible Procurement By Resource Type		011	20	012	201	3	20	14	20	)15	2	016	2	017	2	018	 019	2	020
Biomass		0		0	0		0			D	-	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
Landfil Gas		0		0	0		0			D		0		0		0	0		0
Muni Solid Waste	J	0		0	0		0			D		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	J	0		0	D		0			0		0		0		0	0		0
Conduit Hydro		0		0	0	1	0			0		0		0		0	0		0
Solar PV		0		0 -	0		0			Ω		Ω		0		Ω	0		O
Solar Thermal		0		0 .	0		0			0		0		0		0	0		0
Wind	1	0		0	0		0			0		0		0		0	0		0
Ocean/Tidal	1	0		0	0	1	0			D		Ð		0		0	D		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	Resource Type	Expected Classification
ement from Pre-2002 Contracts	0	0 :	0 0	0	0	. 0	0	0 :	0		
iomass	0	0	0 0	0	0	0	9.	0	0	Biomass	
ligester Gas	0	0	0 0	0	0	.0	0	0	0	Digester Gas	
iod le sel	0	0	0 0	. 0	0	0	0	0	0	Biodiesel	
ndfill Gas	0	0	0 0		0	0	0	0	0	Landfill Gas	
uni Solid Waste	- 0	0	0 0	0	0	0	0	0	0	Muni Solid Waste	
othermal	- 0	0	0 0	. 0	0	0	9	0	0	Geothermal	
nall Hydro	0	0	0 0	- 6	0	0	0	0	0	Small Hydro	
nduit Hydro	0	0	0 0	. 0	0	0	0	0	0	Conduit Hydro	
ar PV	. 0	0	0 0	. 0	0	. 0	0	0	0	Solar PV	
ar Thermal	0	0	0 0	- 0	- 0	. 0	0	0	0	Solar Thermal	
nd	0	0	0 0	: 0	- 0	- 0	0	0	0	Wind	
cean/Tidal	6	0	0 0	. 0	- 0	0	0	0	0	Ocean/Tidal	
el Cells	0	. 0	0 0	. 0		0	0	0	0	Fuel Cells	
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Ocean/Tidal	0 0 0	0 0 0	0 0 0	0 Ocean/Tidal	
Fuel Cells	0 0 0	0 0 0	0 0 0	0 Fuel Cells	
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# 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 December 21, 2012 at La Palma, California.

Blake Lasuzzo, Vice President, Supply