

**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 10, 2011)

**Shell Energy North America (US), L.P.**  
**PROVISIONAL CLOSING REPORT FOR CALIFORNIA**  
**RENEWABLES PORTFOLIO STANDARD 20% PROGRAM**

20-Aug-12

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# CALIFORNIA'S RENEWABLES PORTFOLIO STANDARD

## Provisional RPS 20% Closing Report Worksheet Instructions

1. D.12-06-038 requires Investor Owned Utilities (IOU), Multi-Jurisdictional Utilities (MJU), Electric Service Providers (ESP), and Community Choice Aggregators (CCAs) to file a Closing Report that calculates RPS procurement from 2003-2010. The Closing Report spreadsheets are automated to calculate a retail seller's net deficit/surplus figure for compliance years 2003-2010 compliance years. Parties may refer to Commission Decision D.12-06-038 for additional details relating to the calculations within the closing report spreadsheet.
2. Any retail seller seeking confidentiality protection for the Closing 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, not to be confused with the line numbers provided in the Accounting tab.
3. RPS closing reports will 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. **No more than 35 CPUC e-mail addresses can be included in the same e-mail.**
  - b) **File a confidential Excel version utilizing the locked spreadsheet with the Energy Division by e-mailing an electronic version to [robert.blackney@cpuc.ca.gov](mailto:robert.blackney@cpuc.ca.gov) and [rpscompliance@cpuc.ca.gov](mailto: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.**
  - e) **All ESP's and CCA's must submit their RPS eligible contracts to the Commission (D.12-06-038). All contract documents should be provided in a digital pdf format. Please write all digital documents (pdf's) to a CD-R or DVD-R and mail to:**

Robert Blackney  
California Public Utilities Commission  
505 Van Ness Avenue  
San Francisco, CA 94102
4. Any questions regarding the completion and/or filing of this report can be directed to:

Robert Blackney, Energy Division, California Public Utilities Commission:[robert.blackney@cpuc.ca.gov](mailto:robert.blackney@cpuc.ca.gov), (415) 703-3072
5. Include the Title Page and fill out the following information:
  - a) Name of the retail seller serving the Closing Report
  - b) Date the Closing Report is being served
  - c) Contact information
6. Complete the Officer Verification Form in the format provided (Rule 1.11)
7. Yellow cells throughout the spreadsheet indicate user supplied data by the retail seller where and when applicable.
8. All data must be entered in MWh out to three decimal points to accurately account for retail sales, procurement and targets. The spreadsheet will display MWh throughout. Do not round any reporting data, as this may trigger some cells to turn red.
9. The spreadsheet included in this report has locked cells to ensure that the computation of the net deficit/surplus are accurately calculated and reported based on the data provided by the user. An unprotected version of the spreadsheet is also available by request.
10. Line #'s in the "Accounting" tab hyperlink to the "Calculations" tab, which provides additional information on the particular line item or section of the "Accounting" tab.

### ACCOUNTING TAB

11. Begin by entering the relevant data for Lines 1-3, this will calculate the retail seller's Baseline Procurement Amount. Enter actual and forecasted sales figures to generate Incremental Procurement Targets (IPTs) and Annual Procurement Targets (APTs).

### PROCUREMENT DETAIL TAB

12. Procurement Summary: *Total RPS Eligible Procurement* is differentiated by three categories, *existing and or signed contracts*,

*short-listed/under negotiation/pending approval, and generic future contracts.* This section is populated by completing the Contract Detail section below. If the retail seller has entered into contracts that are short-term or with existing facilities but cannot meet its Annual Minimum Contracting Requirement, then deliveries from those contracts may not be used for compliance in any year (D.07-05-028).

a) *Annual Contracting Quota Requirement:* Retail sellers must enter into long-term contracts or contracts with new facilities for energy deliveries equivalent to at least 0.25% of that retail seller's prior years' retail sales, if it intends to use deliveries from short-term contracts and/or existing facilities, for RPS compliance purposes. Retail sellers must submit supporting documentation proving that the requirement has been met (i.e. a power purchase agreement for a long-term and/or new contract). If the retail seller has provided the power purchase agreement in a prior report or filing, it does not need to be provided again.

- Contracts are differentiated by Contract term-length and type (row 21:22). All deliveries from "long-term and/or new" are automatically entered into "Cumulative Surplus Contracting Quota Bank" (row 25).

13. RPS Eligible Procurement by Resource Type: This report must state the amount procured or projected to be procured from each resource type (D.05-07-039, Appendix A, D.06-10-050, page 47-48). This information is reported in rows 31-47 in the "Procurement Detail" tab and populated by completing the "Contract Detail" section.
14. Contract Detail: For each contract, enter actual and forecasted delivery data 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) *2002-2010 Contracts:* List contracts by name, annual deliveries (MWh), project status, facility status and resource type.
  - c) *2005-2010 Contracts:* In addition to the requirements above, contracts from these years should be identified by term-length, short-term (less than 10 years) and long-term, as well as, by type, existing or new (defined below). 2005 and 2006 contracts that were signed prior to 2007 can be identified as "n/a" for this purpose.
    - "*Contract Length / Type*" (Column "X") Pursuant to D.07-05-028, starting in 2007, each RPS-obligated retail seller must, in order to be able to count for any RPS compliance purpose energy deliveries from contracts of less than 10 years' duration ("short-term") with RPS-eligible facilities that commenced commercial operation prior to January 1, 2005 ("existing facilities"), in each calendar year enter into contracts with facilities of at least 10 years' duration ("long-term") and/or short-term contracts with facilities that commenced commercial operation on or after January 1, 2005 ("new facilities") for energy deliveries equivalent to at least 0.25% of that retail seller's prior year's retail sales ("minimum quantity").
    - "*Contract Volume*" (Column "Y") Input the total MWh over the term of the contract identified in the power purchase agreement. Compliance with the minimum quota requirement is measured by contracted-for-energy, not deliveries.
15. Contract Execution Date: The date the contract was signed. If the parties signed on different dates, or there are contract amendments, use the most recent date signed.
16. If any procurement data for a specific contract differs from what is entered into the CEC-RPS-Track form for that year, the specific cell should be highlighted and the discrepancy should be explained.

#### Spreadsheet user notes

- a) 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.
- b) Adding and/or deleting rows. The "Earmarking Detail" tab and "Procurement Detail" tab allows users to add to or delete rows. Within the desired section, highlight entire row(s) by selecting the excel row number(s) - right click and select "copy" - right click again and select "insert copied cells"

**RPS 20% Closing Report: Accounting**

Shell Energy North America (US), L.P.  
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Line#	RPS Baseline Calculation	(MWh)
1	2001 Total Retail Sales	
2	2001 RPS Eligible Procurement	
3	2005 Total Retail Sales	232,386
4	2005 Baseline Procurement Amount	0

Input Required  
Forecasted Data  
Actual Data

		Actual							
	RPS Procurement and Targets (MWh)	2003	2004	2005	2006	2007	2008	2009	2010
5	Bundled Retail Sales	N/A	N/A	232,386	210,829	186,533	1,278,000	1,936,282	2,744,792
6	Total RPS Eligible Procurement	N/A	N/A	0	0	0	133,830	718,689	1,588,288
7	Annual Procurement Target (APT)	N/A	N/A	0	2,324	4,432	6,297	19,077	548,958
8	Incremental Procurement Target (IPT)	N/A	N/A	N/A	2,324	2,108	1,865	12,780	529,881
9	Preliminary Procurement Surplus/(Deficit)	N/A	N/A	0	(2,324)	(4,432)	127,533	699,612	1,039,330
10	Actual Procurement Percentage	N/A	N/A	0.0%	0.0%	0.0%	71.7%	56.2%	57.9%

		Actual							
	Bundled Surplus Procurement Bank	2003	2004	2005	2006	2007	2008	2009	2010
11	Surplus Procurement Bank Balance as of Prior Year	N/A	N/A	0	0	(2,324)	(6,756)	120,777	820,388
12	Application of Banked Surplus Procurement to Current Year Deficit	N/A	N/A	0	0	0	0	0	0
13	Cumulative Surplus Procurement Bank Balance	N/A	N/A	0	(2,324)	(6,756)	120,777	820,388	1,859,718

		Actual							
	TREC Surplus Procurement Bank	2003	2004	2005	2006	2007	2008	2009	2010
14	Cumulative Surplus Procurement Bank Balance	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0

15	Surplus/(Deficit) for RPS Compliance Years, Prior to 2011	is Retail Seller's 2010 RPS Eligible Procurement Percentage ≥ 14% of 2010 Retail Sales?	Surplus/(Deficit) Carried Forward
	1,859,718	YES	1,859,718

Provisional RPS 20% Closing Report: Procurement Detail

Input Required
Forecasted Data
Actual Data
Shell Energy North America (US), L.P.
20-Aug-12

Procurement Summary
Actual MWh
2003 2004 2005 2006 2007 2008 2009 2010
Total RPS Eligible Procurement
Total Bundled Procurement
Total TREC Procurement
TRECs Executed Prior to January, 2013
25% of APT
TREC Limit
Amount above TREC limit
Existing and/or Signed Contracts
Annual Contracting Quota Requirement
RPS Contracts: long-term and/or new facilities/bundled
RPS Contracts: short-term with existing facilities/bundled
Surplus Contracting Quota Bank as of Prior Year
Current Year / Banked MWh Applied to Annual Quota
Cumulative Surplus Contracting Quota Bank
Minimum Annual Contracting Quota Shortfall

TRECs
Refer to D.10-03-021 as modified by D.11-01-025 for detailed TREC rules.
As of March 11, 2010, a transaction for purposes of compliance with the California renewables portfolio standard shall be considered a transaction that procures only renewable energy credits if that transaction either:
a. Expressly transfers only renewable energy credits and not energy from the seller to the buyer; or
b. Transfers both renewable energy credits and energy from the seller to the buyer but does not meet the Commission's criteria for considering a procurement transaction a bundled transaction for purposes of compliance with the California renewables portfolio standard.
All deliveries from transactions described in subsection b. above, made prior March 11, 2010 will be counted as bundled deliveries of both renewable energy credits and energy for purposes of compliance with the California renewables portfolio standard. TREC contracts with deliveries prior to March 11, 2010 and after March 11, 2010 should be listed as separate lines in this spreadsheet.
The following types of transactions shall be treated as bundled transactions for purposes of compliance with the California renewables portfolio standard and the generator has its first point of interconnection with the Western Electricity Coordinating Council interconnected transmission system with a California balancing authority; and
b. Transactions in which energy is acquired from a generator certified as eligible for the California renewables portfolio standard and the energy from the transaction is dynamically transferred to a California balancing authority area.
If the deliveries from a contract approved prior March 11, 2010 would put an LSE over the 25% usage limit in any year, the limit will not apply to the deliveries from the previously approved contract. Because the cap would be exceeded, however, no additional REC-only deliveries in excess of the usage limit would be allowed to count for RPS compliance in that year.

Minimum Contracting Requirement
Starting in 2007, RPS-obligated LSEs must, in each calendar year, enter into long-term contracts with new facilities for energy deliveries equivalent to at least 0.25% of that LSE's sales ("minimum quantity") in order to be able to count energy deliveries from short-term or RPS-eligible facilities, for any RPS compliance purpose. (D.07-05-028, R.06-02-012)
TRECs
D.10-03-021 as modified by D.11-01-025 concludes that TRECs do not contribute to and a minimum quantity requirement. Therefore any TREC contracts executed (ESPs) or approved 11, 2010 should be classified as N/A in Column O.
Contract Term Definitions
- Long-term contract: At least 10 years' duration
- Short-term contract: Less than 10 years' duration
- New Facility: Commenced commercial operation on or after January 1, 2005
- Existing Facility: Commenced commercial operation prior to January 1, 2005
- N/A: Executed Prior to 2007/TREC transaction after March 11, 2010

RPS-Eligible Procurement By Resource Type
2003 2004 2005 2006 2007 2008 2009 2010
Biomass
Digester Gas
Biodiesel
Landfill Gas
Muni Solid Waste
Biopower Subtotal
Geothermal
Small Hydro
Conduit Hydro
Solar PV
Solar Thermal
Wind
Ocean/Tidal
Fuel Cells

Contract Detail
2003 2004 2005 2006 2007 2008 2009 2010
Contract Status Facility Status Resource Type TREC or Bundled Contract Length / Type Contract Volume (MWh) Contract Execution Date
Biomass
Digester Gas
Biodiesel
Landfill Gas
Muni Solid Waste
Geothermal
Small Hydro
Conduit Hydro
Solar PV
Solar Thermal
Wind
Ocean/Tidal
Fuel Cells
2002 Contracts
2003 Contracts
2004 Contracts
2005 Contracts
2006 Contracts
2007 Contracts
2008 Contracts
Cowit White Creek Wind
TriDam Bearsley
TriDam Tulloch
City of Rancho Cucamonga FMV MidValley
City of Rancho Cucamonga FMV Milken
City of Redding - Big Horn
Shell Wind Cabazon
Shell Wind White Water Hill
2009 Contracts
Pugnet Sound Energy - Klondike
Snohomish Wheatfield
Snohomish Wheatfield
Clark Combine/Eurus Hills II
Clark Combine/Eurus Hills II
Cowit Harvest Wind
Klickitat White Creek Wind
Snohomish White Creek Wind
Snohomish White Creek Wind
Cowit White Creek



Contract Detail	2003	2004	2005	2006	2007	2008	2009	2010				TREC or Bundled			
Cowlitz White Creek								69,622	executed - no approval nee	online	Wind	TREC Executed Prior to January 13, 2011 that transfers both renewable energy credits and energy to the buyer	2009 short-term / new	0	12/18/2009
Cowlitz White Creek								136,437	executed - no approval nee	online	Wind	TREC Executed Prior to January 13, 2011 that transfers both renewable energy credits and energy to the buyer	2009 short-term / new	308,640	12/31/2009
<b>2010 Contracts</b>	0	0	0	0	0	0	1,145	559,687	Contract Status	Facility Status	Resource Type	TREC or Bundled	Contract Length / Type	Contract Volume (MWh)	Contract Execution Date
Seattle City Light - Columbia Ridge/Sierra Burlington Lakeview Harvest Wind							1,145	82,467	executed - no approval nee executed - no approval nee	online online	Wind Wind	TREC Executed Prior to January 13, 2011 that transfers both renewable energy credits and energy to the buyer Bundled	2010 short-term / new 2010 short-term / new	125,000 0	1/1/2010 2/2/2010
Lakeview Harvest Wind PSCO								40,277 12,204	executed - no approval nee executed - no approval nee	online online	Wind Wind	TREC Executed Prior to January 13, 2011 that transfers both renewable energy credits and energy to the buyer Bundled	2010 short-term / new 2010 short-term / new	41,422 367,200	2/2/2010 2/25/2010
PSCO								348,939	executed - no approval nee	online	Wind	TREC Executed Prior to January 13, 2011 that transfers both renewable energy credits and energy to the buyer	2010 short-term / new	0	2/25/2010
City of Redding - Big Horn Wind La Rosta									executed - no approval nee executed - no approval nee	online online	Wind Landfill Gas	TREC Executed Prior to January 13, 2011 that transfers both renewable energy credits and energy to the buyer Bundled	2010 short-term / new 2010 short-term / new	350,000 196,383	6/9/2010 7/15/2010
Lakeview Harvest Wind								35,924	executed - no approval nee	online	Wind	TREC Executed Prior to January 13, 2011 that transfers both renewable energy credits and energy to the buyer	2010 short-term / new	56,566	10/26/2010
Douglas Nine Canyon								8,201	executed - no approval nee	online	Wind	TREC Executed Prior to January 13, 2011 that transfers both renewable energy credits and energy to the buyer	2010 short-term / new	9,000	2/22/2010
Lakeview White Creek Wind								7,085	executed - no approval nee	online	Wind	TREC Executed Prior to January 13, 2011 that transfers both renewable energy credits and energy to the buyer	2010 short-term / new	22,227	12/15/2010
Douglas Nine Canyon LL&P Wind Power White Creek								15,142	executed - no approval nee executed - no approval nee	online online	Wind Wind	TREC Executed Prior to January 13, 2011 that transfers both renewable energy credits and energy to the buyer Bundled	2010 short-term / new 2010 short-term / new	9,460 0	12/15/2010 12/15/2010
Klickitat White Creek								9,448	executed - no approval nee	online	Wind	TREC Executed Prior to January 13, 2011 that transfers both renewable energy credits and energy to the buyer	2010 short-term / new	9,500	11/2/2010

n/a - Executed prior to 2007/TREC transaction after January 13, 2011  
 2007 long-term  
 2007 short-term / new  
 2007 short-term / existing  
 2008 long-term  
 2008 short-term / new  
 2008 short-term / existing  
 2009 long-term  
 2009 short-term / new  
 2009 short-term / existing  
 2010 long-term  
 2010 short-term / new  
 2010 short-term / existing

Bundled  
 TREC  
 TREC Executed Prior to January 13, 2011 that transfers both renewable energy credits and energy to the buyer

### Provisional RPS 20% Closing Report: Calculations

RPS Baseline Inputs (MWh)		
Line#	Calculation	Notes
1	User supplied data	Pursuant to D.07-03-046, the <b>2003 Initial Baseline Procurement Amount</b> for the investor owned utilities (IOUs) is calculated using the following equation:
2	User supplied data	
3	User supplied data	
4	<b>Baseline formula =</b>	
		$\frac{\text{2001 RPS Eligible Procurement}}{\text{2001 Total Retail Sales}} \times \text{2003 Total Retail Sales} + \text{1\% of 2001 Total Retail Sales}$

RPS Procurement and Targets (MWh)		
Line#	Calculation	Notes
5	User supplied data	Annual Retail Sales
6	Data from "Procurement Detail" tab	In current and past years, this line should equal Total RPS Eligible Procurement in procurement detail tab.
7	Prior year Line 7 + Line 8	
8	1% of line 5 {Y-1}	
9	Line 6 - Line 7	
10	Prior to 2010: Line 6 / Line 5 {Y-1} 2010 : Line 6 / Line 5	For all years prior to 2010, Actual Procurement Percentage equals prior year retail sales (current year RPS Procurement/Prior Year Retail Sales). For 2010 the calculation is 2010 Retail Sales/2010 RPS Procurement.

Surplus Procurement Bank		
Line#	Calculation	Notes
11	Line 13 {Y-1}	If Row 9 has a deficit, applies bank from line 11 (if line 11 is a positive value)
12		
13	Sum of lines 9 + 11	

Surplus Procurement Bank		
Line#	Calculation	Notes
14	Only Applicable in 2010. Value carried over from the "Procurement Detail" tab, cell J17.	

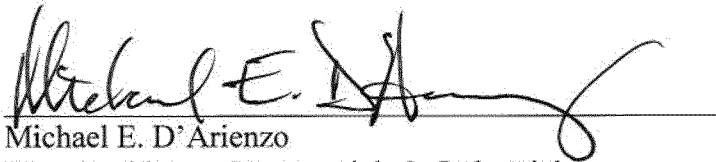
Surplus/(Deficit) for RPS Compliance Years, Prior to 2011		
Line#	Calculation	Notes
15	Line 9 + 14 (in year 2010 only)	Since this report tracks TREC Bank independent of Banking for Bundled Procurement, this cell computes a total excess/deficit figure for the entirety of the RPS 20% Program.

## VERIFICATION

I am an officer of Shell Energy North America (US), L.P. 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.

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

Executed on August 20, 2012, at Spokane, Washington.

  
Michael E. D'Arienzo  
Vice President – Commercial & Industrial  
Shell Energy North America (US), L.P.

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