

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)

3 Phases Renewables, LLC

FINAL CLOSING REPORT FOR CALIFORNIA RENEWABLES

PORTFOLIO STANDARD 20% PROGRAM

23-Jan-14

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CALIFORNIA'S RENEWABLES PORTFOLIO STANDARD

Final 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 and rpscompliance@cpuc.ca.gov. Please only submit Excel documents in .xls format (.xlsm and .xlsx files will NOT be accepted).**
 - c) Send paper copies (confidential and public) to each of the assigned Administrative Law Judges (ALJs):

Regina M. DeAngelis and Anne E. Simon
California Public Utilities Commission
505 Van Ness Avenue
San Francisco, CA 94102
 - d) **Do not send paper copies of the confidential version to anyone except the persons listed above, unless specifically requested.**
 - 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, (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 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.

ITS REC RETIREMENTS (2008-2010) TAB

17. This tab includes formulas to determine the retirement deadline for all RPS RECs tracked through the Interim Tracking System (ITS).

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

Facility Name: For Facilities NOT interconnected to a CBA, - If possible, retail sellers should enter the facility's source name, as registered with OATI's webRegistry. OATI webregistry names would only apply mainly to facilities not directly connected to a CBA.

Fuel Type: Input the fuel type of the facility generating the RPS eligible electricity.

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

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 2009 and July 2009) 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" Retirement Rules: 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.

WREGIS RETIREMENTS - VINTAGE 2008, 2009 AND 2010 TABS

18. 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, - If possible, retail sellers should enter the facility's source name, as registered with OATI's webRegistry. OATI webregistry names would only apply 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 2009 and July 2009) 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" Retirement Rules: 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.

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, "Procurement Detail" tab, "ITS REC Retirements (2008-2010)" tab and the "WREGIS Reiteration -Vintage'08", "WREGIS Reiteration -Vintage'09", and "WREGIS Reiteration -Vintage'10" tabs 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"

	A	B	C	D	E	F	G	H	I	J	K	L
1												
2		RPS 20% Closing Report: Accounting				3 Phases Renewables, LLC						
3						23-Jan-14						
4												
5		Line#	RPS Baseline Calculation									
6		1	2001 Total Retail Sales			2,200						
7		2	2001 RPS Eligible Procurement			2,200						
8		3	2005 Total Retail Sales			113,510						
9		4	2005 Baseline Procurement Amount			113,510						
10												
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		Actual								
		2003	2004	2005	2006	2007	2008	2009	2010	
	RPS Procurement and Targets (MWh)									
5	Bundled Retail Sales	N/A	N/A	113,510	28,207	27,193	123,508	60,621	53,205	
6	Total RPS Eligible Procurement	N/A	N/A	47,710	0	7,166	38,197	10,100	0	
7	Annual Procurement Target (APT)	N/A	N/A	22,702	22,702	5,641	5,439	6,674	10,641	
8	Incremental Procurement Target (IPT)	N/A	N/A	N/A	0	282	203	1,235	3,967	
9	Preliminary Procurement Surplus/(Deficit)	N/A	N/A	25,008	(22,702)	1,525	32,758	3,426	(10,641)	
10	Actual Procurement Percentage	N/A	N/A	2168.6%	0.0%	25.4%	140.5%	8.2%	0.0%	

		Actual								
		2003	2004	2005	2006	2007	2008	2009	2010	
	Bundled Surplus Procurement Bank									
11	Surplus Procurement Bank Balance as of Prior Year	N/A	N/A	0	25,008	2,306	3,831	36,589	40,015	
12	Application of Banked Surplus Procurement to Current Year Deficit	N/A	N/A	0	(22,702)	0	0	0	(10,641)	
13	Cumulative Surplus Procurement Bank Balance	N/A	N/A	25,008	2,306	3,831	36,589	40,015	29,374	

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

		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
	15	29,374	NO	29,374

Final RPS 20% Closing Report: Procurement Detail

	Input Required	3 Phases Renewables, LLC
	Forecasted Data	23-Jan-14
	Actual Data	

Procurement Summary	Actual MWh								
	2003	2004	2005	2006	2007	2008	2009	2010	
Total RPS Eligible Procurement	0	0	47,710	0	7,166	38,197	10,100	0	
Total Bundled Procurement	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	
Total TREC Procurement	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	
TRECs Executed Prior to January, 2013	0	0	0	0	0	0	0	0	
25% of APT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2,660	
TREC Limit	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2,660	
Amount above TREC limit	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	
Existing and/or Signed Contracts	0	0	47,710	0	7,166	38,197	10,100	0	
Bundled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	
TREC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	
Annual Contracting Quota Requirement	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
RPS Contracts: long-term and/or new facilities/bundled	N/A	N/A	N/A	N/A	0	30,195	9,602	0	
RPS Contracts: short-term with existing facilities/bundled	N/A	N/A	N/A	N/A	0	0	0	0	
Surplus Contracting Quota Bank as of Prior Year	N/A	N/A	N/A	N/A	0	0	30,195	39,797	
Current Year / Banked MWh Applied to Annual Quota	N/A	N/A	N/A	N/A	0	0	0	0	
Cumulative Surplus Contracting Quota Bank	N/A	N/A	N/A	N/A	0	30,195	39,797	39,797	
Minimum Annual Contracting Quota Shortfall	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

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
a. Transactions in which energy is acquired from a generator certified as eligible for 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 and/or short-term contracts with new facilities for energy deliveries equivalent to at least 0.25% of that LSE's prior year's retail sales ("minimum quantity") in order to be able to count energy deliveries from short-term contracts with existing 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 are not subject to the minimum quantity requirement. Therefore any TREC contracts executed (ESPs) or approved (IOUs) after March 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	0	0	0	0	0	30,118	10,958	0
Digester Gas	0	0	0	0	0	0	0	0
Biodiesel	0	0	0	0	0	0	0	0
Landfill Gas	0	0	0	0	7,166	8,079	0	0
Muni Solid Waste	0	0	0	0	0	0	0	0
Biogas Subtotal	0	0	0	0	7,166	38,197	10,958	0
Geothermal	0	0	14,503	0	0	0	2	0
Small Hydro	0	0	33,207	0	0	0	0	0
Conduit Hydro	0	0	0	0	0	0	0	0
Solar PV	0	0	0	0	0	0	0	0
Solar Thermal	0	0	0	0	0	0	0	0
Wind	0	0	0	0	0	0	0	0
Ocean/Tidal	0	0	0	0	0	0	0	0
Fuel Cells	0	0	0	0	0	0	0	0

Contract Detail										Contract Status	Facility Status	Resource Type	TREC or Bundled	Contract Length / Type	Contract Volume (MWh)	Contract Execution Date
	2003	2004	2005	2006	2007	2008	2009	2010								
Pre-2002 Contracts	0	0	0	0	0	0	0	0	0							
Biomass												Biomass				
Digester Gas												Digester Gas				
Biodiesel												Biodiesel				
Landfill Gas												Landfill Gas				
Muni Solid Waste												Muni Solid Waste				
Geothermal												Geothermal				
Small Hydro												Small Hydro				
Conduit Hydro												Conduit Hydro				
Solar PV												Solar PV				
Solar Thermal												Solar Thermal				
Wind												Wind				
Ocean/Tidal												Ocean/Tidal				
Fuel Cells												Fuel Cells				
2002 Contracts	0	0	0	0	0	0	0	0	0							
2003 Contracts	0	0	0	0	0	0	0	0	0							
2004 Contracts	0	0	33,207	0	2,419	125	0	0	0							
Sonoma County Landfill Gas Pwr Pnt Expn. Phase3	0	0	0	0	2,419	125	0	0	0	executed - no approval needed	landfill	Landfill Gas	Bundled	n/a - Executed prior to 2007/TREC transaction after January 13, 2011		2/27/2004
EBMUD-Pardes, Camache: March-June	0	0	33,207	0	0	0	0	0	0	executed - no approval needed	landfill	Small Hydro	Bundled	n/a - Executed prior to 2007/TREC transaction after January 13, 2011	33,207	2/1/2004
2005 Contracts	0	0	14,503	0	0	0	0	0	0							
Calpine Geothermal Unit 11	0	0	14,503	0	0	0	0	0	0	executed - no approval needed	landfill	Geothermal	Bundled	n/a - Executed prior to 2007/TREC transaction after January 13, 2011	14,503	
2006 Contracts	0	0	0	0	4,747	7,954	0	0	0							
Monterey Regional Waste Management District	0	0	0	0	4,747	7,954	0	0	0	executed - no approval needed	landfill	Landfill Gas	Bundled	n/a - Executed prior to 2007/TREC transaction after January 13, 2011	11,497	
2007 Contracts	0	0	0	0	0	0	0	0	0							
2008 Contracts	0	0	0	0	0	30,118	498	0	0							
Global Ampersand	0	0	0	0	0	21,186	498	0	0	executed - no approval needed	landfill	Biomass	Bundled	2008 short-term / new	21,263	8/20/2008
Sierra Pacific Industries	0	0	0	0	0	8,932	0	0	0	executed - no approval needed	landfill	Biomass	Bundled	2008 short-term / new	8,932	

2009 Contracts	0	0	0	0	0	0	0	9,602	0	Contract Status	Facility Status	Resource Type	TREC or Bundled	Contract Length / Type	Contract Volume (MWh)	Contract Execution Date
Iberdrola Renewables, Inc.	0	0	0	0	0	0	9,600	0	executed - no approval needed	online	Biomass	Bundled	2009 short-term / new	9,600	12/16/2009	
Calpine Energy Services, L.P.	0	0	0	0	0	0	2	0	executed - no approval needed	online	Geothermal	Bundled	2009 short-term / new	2	9/25/2009	
2010 Contracts	0	0	0	0	0	0	0	0	Contract Status	Facility Status	Resource Type	TREC or Bundled	Contract Length / Type	Contract Volume (MWh)	Contract Execution Date	

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

**FINAL RPS 20% Closing Report:
CEC Iterim Tracking System REC Retirements (2008-2010)**

Data Reported by:
3 Phases Renewables, LLC
January 23, 2014

Input Required
Information is Hard Coded (No Input Required)

Calculations for "Last Month to Retire REC" Column:
Pursuant to D.10-03-021, as modified by D.11-01-025, ordering paragraph 10 - any REC retired before December 31, 2010 must be retired within three compliance years (inclusive of the year in which the electricity associated with the renewable energy credits was generated) after the electricity associated with the renewable energy credits was generated.

Pursuant to D.12-06-038, ordering paragraph 23 - any renewable energy credit retired for compliance on or after January 1, 2011 by a retail seller as defined in Public Utilities Code Section 399.12(j) must be retired within 36 months of the initial date of the associated generation.

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 2008 and July 2009) are retired on the same date, please include one line per vintage.

Adding and/or deleting rows: The "ITS REC Retirements (2008-2010)" 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"

CPUC ID	Facility Name	Fuel Type	RPS ID	Vintage Month/Year	Retirement Date (MM/DD/YYYY)	Last Month to Retire REC (Month/Year)	Do REC Retirements "Pass" or "Fail" Retirement Rules:	MWh REC Quantity Retired
NA	SPI - Sonora	Biomass	60576A	Jan-08	2/16/2011	Dec-2010	FAIL	858
NA	SPI - Sonora	Biomass	60576A	Feb-08	2/16/2011	Jan-2011	FAIL	1076
NA	SPI - Sonora	Biomass	60576A	Mar-08	2/16/2011	Feb-2011	PASS	1141
NA	SPI - Sonora	Biomass	60576A	Apr-08	2/16/2011	Mar-2011	PASS	1024
NA	SPI - Sonora	Biomass	60576A	May-08	2/16/2011	Apr-2011	PASS	1083
NA	SPI - Sonora	Biomass	60576A	Jun-08	2/16/2011	May-2011	PASS	826
NA	SPI - Sonora	Biomass	60576A	Jul-08	2/16/2011	Jun-2011	PASS	1540
NA	SPI - Sonora	Biomass	60576A	Aug-08	2/16/2011	Jul-2011	PASS	1384
NA	Sonoma County-Cent	Biogas	50023A	Jul-08	2/16/2011	Jun-2011	PASS	125
NA	Monterey Regional W	Biogas	60107E	Jul-08	2/16/2011	Jun-2011	PASS	1110
NA	Monterey Regional W	Biogas	60107E	Aug-08	2/16/2011	Jul-2011	PASS	1572
NA	Monterey Regional W	Biogas	60107E	Sep-08	2/16/2011	Aug-2011	PASS	1514
NA	Monterey Regional W	Biogas	60107E	Oct-08	2/16/2011	Sep-2011	PASS	1390
NA	Monterey Regional W	Biogas	60107E	Nov-08	2/16/2011	Oct-2011	PASS	1212
NA	Monterey Regional W	Biogas	60107E	Dec-08	2/16/2011	Nov-2011	PASS	1156

FINAL RPS 20% Closing Report: WREGIS Retirements Vintage 2008

Data Reported by:
 3 Phases Renewables, LLC
 January 23, 2014

	Input Required
	Information is Hard Coded (No Input Required)

Calculations for "Last Month to Retire REC" Column:
 Pursuant to D.10-03-021, as modified by D.11-01-025, ordering paragraph 10 - any REC retired before December 31, 2010 must be retired within three compliance years (inclusive of the year in which the electricity associated with the renewable energy credits was generated) after the electricity associated with the renewable energy credits was generated.

Pursuant to D.12-06-038, ordering paragraph 23 - any renewable energy credit retired for compliance on or after January 1, 2011 by a retail seller as defined in Public Utilities Code Section 399.12(j) must be retired within 36 months of the initial date of the associated generation.

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 2008 and July 2009) are retired on the same date, please include one line per vintage.

Adding and/or deleting rows: The "WREGIS Retirements -Vintage'08" 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"

CPUC ID	RPS ID	WREGIS_ID	Facility Name	Vintage Month/Year	Retirement Date (MM/DD/YYYY)	Last Month to Retire REC (Month/Year)	Do REC Retirements "Pass" or "Fail" Retirement Rules:	MWh REC Quantity Retired
NA	60471A	W804	Chowchilla Biomass Facility - Chowchilla Biomass Facility	Aug-08	12/30/2010	Dec-2010	PASS	4484
NA	60471A	W804	Chowchilla Biomass Facility - Chowchilla Biomass Facility	Sep-08	12/30/2010	Dec-2010	PASS	4777
NA	60471A	W804	Chowchilla Biomass Facility - Chowchilla Biomass Facility	Oct-08	12/30/2010	Dec-2010	PASS	395
NA	60471A	W804	Chowchilla Biomass Facility - Chowchilla Biomass Facility	Dec-08	12/30/2010	Dec-2010	PASS	1342
NA	60473A	W807	El Nido Biomass Facility - El Nido Biomass Facility	Aug-08	12/30/2010	Dec-2010	PASS	113
NA	60473A	W807	El Nido Biomass Facility - El Nido Biomass Facility	Sep-08	12/30/2010	Dec-2010	PASS	814
NA	60473A	W807	El Nido Biomass Facility - El Nido Biomass Facility	Oct-08	12/30/2010	Dec-2010	PASS	3637
NA	60473A	W807	El Nido Biomass Facility - El Nido Biomass Facility	Nov-08	12/30/2010	Dec-2010	PASS	3001
NA	60473A	W807	El Nido Biomass Facility - El Nido Biomass Facility	Dec-08	12/30/2010	Dec-2010	PASS	2623

FINAL RPS 20% Closing Report: WREGIS Retirements Vintage 2009

Data Reported by:
 3 Phases Renewables, LLC
 January 23, 2014

	Input Required
	Information is Hard Coded (No Input Required)

Calculations for "Last Month to Retire REC" Column:
 Pursuant to D.10-03-021, as modified by D.11-01-025, ordering paragraph 10 - any REC retired before December 31, 2010 must be retired within three compliance years (inclusive of the year in which the electricity associated with the renewable energy credits was generated) after the electricity associated with the renewable energy credits was generated.

Pursuant to D.12-06-038, ordering paragraph 23 - any renewable energy credit retired for compliance on or after January 1, 2011 by a retail seller as defined in Public Utilities Code Section 399.12(j) must be retired within 36 months of the initial date of the associated generation.

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 2008 and July 2009) are retired on the same date, please include one line per vintage.

Adding and/or deleting rows: The "WREGIS Retirements -Vintage'09" 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"

CPUC ID	RPS ID	WREGIS_ID	Facility Name	Vintage Month/Year	Retirement Date (MM/DD/YYYY)	Last Month to Retire REC (Month/Year)	Do REC Retirements "Pass" or "Fail" Retirement Rules:	MWh REC Quantity Retired
NA	60697A	W1228	Simpson Tacoma Kraft Company - Tacoma Cogen	Jun-09	5/6/2011	May-2012	PASS	9600
NA	60005A	W121	Calpine Geothermal Unit 13	Dec-09	5/6/2011	Nov-2012	PASS	2
NA	60473A	W807	El Nido Biomass Facility - El Nido Biomass Facility	Feb-09	1/6/2012	Jan-2012	PASS	498

FINAL RPS 20% Closing Report: WREGIS Retirements Vintage 2010

Data Reported by:
 3 Phases Renewables, LLC
 January 23, 2014

	Input Required
	Information is Hard Coded (No Input Required)

Calculations for "Last Month to Retire REC" Column:
 Pursuant to D.10-03-021, as modified by D.11-01-025, ordering paragraph 10 - any REC retired before December 31, 2010 must be retired within three compliance years (inclusive of the year in which the electricity associated with the renewable energy credits was generated) after the electricity associated with the renewable energy credits was generated.

Pursuant to D.12-06-038, ordering paragraph 23 - any renewable energy credit retired for compliance on or after January 1, 2011 by a retail seller as defined in Public Utilities Code Section 399.12(j) must be retired within 36 months of the initial date of the associated generation.

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 2008 and July 2009) are retired on the same date, please include one line per vintage.

Adding and/or deleting rows: The "WREGIS Retirements -Vintage'10" 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"

CPUC ID	RPS ID	WREGIS_ID	Facility Name	Vintage Month/Year	Retirement Date (MM/DD/YYYY)	Last Month to Retire REC (Month/Year)	Do REC Retirements "Pass" or "Fail" Retirement Rules:	MWh REC Quantity Retired

Final RPS 20% Closing Report: Calculations

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

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}	
12	If Row 9 has a deficit, applies bank from line 11 (if line 11 is a positive value)	
13	Sum of lines 9 + 11	

Surplus Procurement Bank		
Line#	Calculation	Notes
14	Only Applicable in 2010. Value carried over from the "Procurement Derail" 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.

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 RPS 20% Closing Report has not been altered from the version issued or approved by Energy Division. The information provided in this RPS 20% Closing Report adheres to the Commission's orders in D.12-06-038.

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

Executed on January 23, 2014 at Manhattan Beach, California.

A handwritten signature in black ink, appearing to read "M. Mazur", is written over a faint, dotted rectangular grid.

Michael Mazur, Principal