

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)

**3 Phases Renewables, LLC**

**2012 Preliminary Annual 33% RPS Compliance Report**

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

August 1, 2013

Name: Michael Mazur  
Title: Principal  
Email: [info@3phasesrenewables.com](mailto:info@3phasesrenewables.com)  
Phone: (310) 939-1283  
Fax: (310) 939-1284  
Address: 2100 N. Sepulveda Blvd., Suite 37  
Manhattan Beach, CA 90266

**RPS Compliance Report: Summary**

<b>2011 Annual Summary</b>
1-Aug-13

RPS Summary Report	2011 MWh	% of Total Retail Sales
Total Retail Sales	57,432	n/a
Annual RPS Target	11,486	20.0%
Total RPS Eligible RECs Procured	6,071	10.6%
Total RPS Eligible RECs Retired for Compliance	0	0.0%

**RPS Procurement Resource Mix**

RPS Procurement	2011 MWh	% of Total RPS Procurement
Biomass	0	0.0%
Digester Gas	0	0.0%
Biodiesel	0	0.0%
Landfill Gas	71	1.2%
Muni Solid Waste	0	0.0%
<b>Biopower Subtotal</b>	<b>71</b>	<b>1.2%</b>
Geothermal	0	0.0%
Small Hydro	0	0.0%
Conduit Hydro	0	0.0%
Solar PV	0	0.0%
Solar Thermal	0	0.0%
Wind	6,000	98.8%
Ocean/Tidal	0	0.0%
Fuel Cells	0	0.0%
<b>Total RPS Eligible Procurement</b>	<b>6,071</b>	

**Claimed Portfolio Content Category of RPS Procurement**

Portfolio Content Category	2011 MWh	% of Total RPS Procurement
RECs Procured from PCC 0 Eligible Resources	0	0.0%
RECs Procured from PCC 1 Eligible Resources	71	1.2%
RECs Procured from PCC 2 Eligible Resources	0	0.0%
RECs Procured from PCC 3 Eligible Resources	6,000	98.8%
	6,071	

**RPS Compliance Report: Summary**

<b>2012 Annual Summary</b>
1-Aug-13

RPS Summary Report	2012 MWh	% of Total Retail Sales
Total Retail Sales		n/a
Annual RPS Target		20.0%
Total RPS Eligible RECs Procured	20,825	
Total RPS Eligible RECs Retired for Compliance	0	0.0%

**RPS Procurement Resource Mix**

RPS Procurement	2012 MWh	% of Total RPS Procurement
Biomass	0	0.0%
Digester Gas	0	0.0%
Biodiesel	0	0.0%
Landfill Gas	1,544	7.4%
Muni Solid Waste	0	0.0%
<b>Biopower Subtotal</b>	<b>1,544</b>	<b>7.4%</b>
Geothermal	5,803	27.9%
Small Hydro	0	0.0%
Conduit Hydro	0	0.0%
Solar PV	0	0.0%
Solar Thermal	0	0.0%
Wind	13,478	64.7%
Ocean/Tidal	0	0.0%
Fuel Cells	0	0.0%
<b>Total RPS Eligible Procurement</b>	<b>20,825</b>	

**Claimed Portfolio Content Category of RPS Procurement**

Portfolio Content Category	2012 MWh	% of Total RPS Procurement
RECs Procured from PCC 0 Eligible Resources	0	0.0%
RECs Procured from PCC 1 Eligible Resources	7,347	35.3%
RECs Procured from PCC 2 Eligible Resources	1,490	7.2%
RECs Procured from PCC 3 Eligible Resources	11,988	57.6%
	20,825	

**RPS Compliance Report: Summary**

<b>2011-13 Compliance Period</b>	
1-Aug-13	

RPS Summary Report	2011	2012	2013	CP TOTAL	% of Total Retail Sales
	MWh	MWh	MWh	MWh	
Total Retail Sales	57,432				n/a
Annual RPS Targets and Compliance Period Procurement Requirement	11,486				20.0%
Total RPS Eligible RECs Procured	6,071	20,825	9,501	36,397	
Total RPS Eligible RECs Retired	0	0	0	0	0.0%

This amount represents total procurement quantity requirement

This amount represents quantity of RECs retired for this compliance period

**RPS Procurement Resource Mix**

RPS Procurement	2011	2012	2013	CP TOTAL	% of Total RPS Procurement
	MWh	MWh	MWh	MWh	
Biomass	0	0	0	0	0.0%
Digester Gas	0	0	0	0	0.0%
Biodiesel	0	0	0	0	0.0%
Landfill Gas	71	1,544	0	1,615	4.4%
Muni Solid Waste	0	0	0	0	0.0%
<b>Biopower Subtotal</b>	<b>71</b>	<b>1,544</b>	<b>0</b>	<b>1,615</b>	<b>4.4%</b>
Geothermal	0	5,803	0	5,803	15.9%
Small Hydro	0	0	0	0	0.0%
Conduit Hydro	0	0	0	0	0.0%
Solar PV	0	0	0	0	0.0%
Solar Thermal	0	0	0	0	0.0%
Wind	6,000	13,478	9,501	28,979	79.6%
Ocean/Tidal	0	0	0	0	0.0%
Fuel Cells	0	0	0	0	0.0%
<b>Total RPS Eligible Procurement</b>	<b>6,071</b>	<b>20,825</b>	<b>9,501</b>	<b>36,397</b>	

**Claimed Portfolio Content Category of RPS Procurement**

Portfolio Content Category	2011	2012	2013	CP TOTAL	% of Total RPS Procurement
	MWh	MWh	MWh	MWh	
RECs Procured from PCC 0 Eligible Resources	0	0	0	0	0.0%
RECs Procured from PCC 1 Eligible Resources	71	7,347	0	7,418	20.4%
RECs Procured from PCC 2 Eligible Resources	0	1,490	9,501	10,991	30.2%
RECs Procured from PCC 3 Eligible Resources	6,000	11,988	0	17,988	49.4%
<b>Total</b>	<b>6,071</b>	<b>20,825</b>	<b>9,501</b>	<b>36,397</b>	

Data Reported by:  
 3 Phases Renewables, LLC  
 August 1, 2013

Compliance Summary and Charts

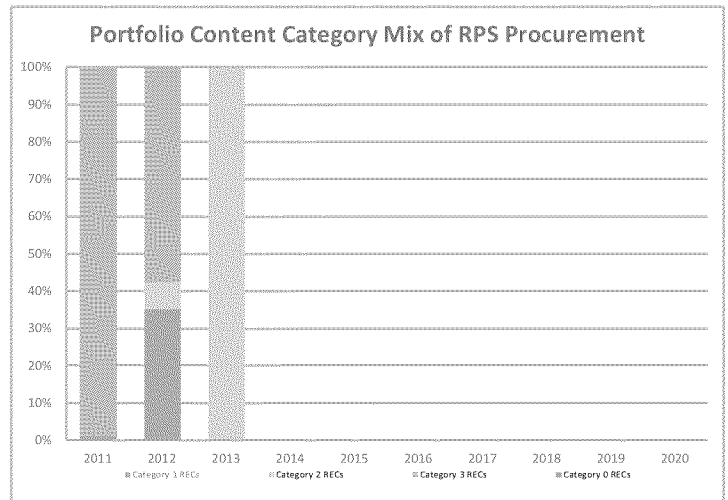
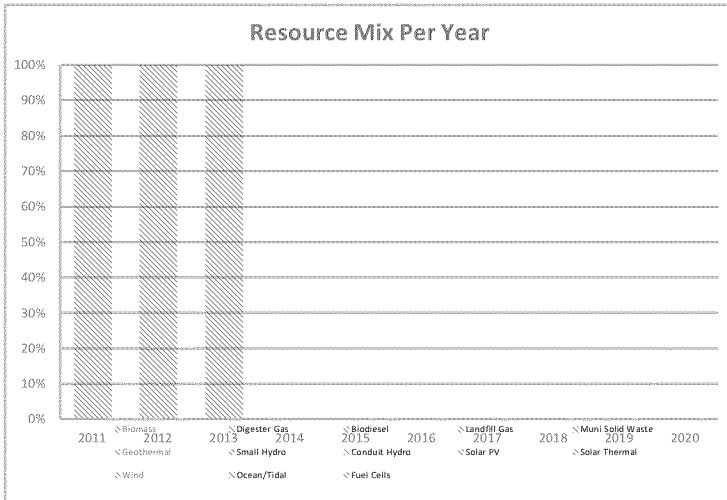
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Retail Sales (MWh)	57,432						0	0	0	0
Annual % Target	20.0%	20.0%	20.0%	21.7%	23.3%	25.0%	27.0%	29.0%	31.0%	33.0%
Annual RPS Target	11,486	29,764	30,000	32,550	34,950	37,500	0	0	0	0
Procurement Quantity Requirement									0	

Resource Mix

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>Total RPS Procurement</b>	<b>6,071</b>	<b>20,825</b>	<b>9,501</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Biomass	0	0	0	0	0	0	0	0	0	0
Digester Gas	0	0	0	0	0	0	0	0	0	0
Biodiesel	0	0	0	0	0	0	0	0	0	0
Landfill Gas	71	1,544	0	0	0	0	0	0	0	0
Muni Solid Waste	0	0	0	0	0	0	0	0	0	0
<b>Biopower Subtotal</b>	<b>71</b>	<b>1,544</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Geothermal	0	5,803	0	0	0	0	0	0	0	0
Small Hydro	0	0	0	0	0	0	0	0	0	0
Conduit Hydro	0	0	0	0	0	0	0	0	0	0
Solar PV	0	0	0	0	0	0	0	0	0	0
Solar Thermal	0	0	0	0	0	0	0	0	0	0
Wind	6,000	13,478	9,501	0	0	0	0	0	0	0
Ocean/Tidal	0	0	0	0	0	0	0	0	0	0
Fuel Cells	0	0	0	0	0	0	0	0	0	0

Portfolio Content Category Mix

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Category 0 RECs	0	0	0	0	0	0	0	0	0	0
Category 1 RECs	71	7,347	0	0	0	0	0	0	0	0
Category 2 RECs	0	1,490	9,501	0	0	0	0	0	0	0
Category 3 RECs	6,000	11,988	0	0	0	0	0	0	0	0



Annual RPS Compliance Report: Compliance Status

Data Reported by:

3 Phases Renewables, LLC

August 1, 2013

Input Required
Actual Data
Forecasted Data
Information is Hard Coded

Information from the 20% RPS Compliance Program (MWh)	Actual
Total Retail Sales in 2010	53,205
Net Surplus/(Deficit) from 20% RPS Closing Report	29,451

Annual RPS Procurement and Percentages (MWh)	Compliance Period 1			Compliance Period 2			Compliance Period 3			
	Actual			Forecast						
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Annual Retail Sales	57,432						0	0	0	0
Annual RPS Procurement	6,071	20,825	9,501	0	0	0	0	0	0	0
Annual Percentage Targets	20.0%	20.0%	20.0%	21.7%	23.3%	25.0%	27.0%	29.0%	31.0%	33.0%
Annual RPS Procurement Percentage	10.6%			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Procurement Quantity Requirement (MWh)	Compliance Period 1			Compliance Period 2			Compliance Period 3			
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Procurement Quantity Requirement (PQR)							0			
PCC 0 RECs Retired (Annual)	0	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
PCC 1 RECs Retired (Annual)	0	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
PCC 2 RECs Retired (Annual)	0	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
PCC 3 RECs Retired (Annual)	0	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Annual Percentage Targets	20.0%	20.0%	20.0%	n/a	n/a	n/a	n/a	n/a	n/a	n/a
RECs Retired as Percentage of Retail Sales	0.0%	0.0%	0.0%	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Total RECs Retired (Compliance Period)		0			n/a			n/a	n/a	n/a

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

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

Excess Procurement Bank (MWh)	Compliance Period 1			Compliance Period 2			Compliance Period 3			
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
PCC 0 Bank		29,451			n/a			n/a		
PCC 1 Bank		0			n/a			n/a		
PCC 2 Bank		0			n/a			n/a		
Application of PCC 0 Banked RECs		29,451			n/a			n/a		
Application of PCC 1 Banked RECs		0			n/a			n/a		
Application of PCC 2 Banked RECs		0			n/a			n/a		
Cumulative PCC 0 Bank		0			n/a			n/a		
Cumulative PCC 1 Bank		0			n/a			n/a		
Cumulative PCC 2 Bank		0			n/a			n/a		

RPS Compliance Status (MWh)	Compliance Period 1			Compliance Period 2			Compliance Period 3			
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Additional RECs Needed to meet RPS Procurement Quantity Requirement					n/a			n/a		

Provisional 20% Closing Report	2011	2012	2013
Deficit from Provisional 20% RPS Closing Report		N/A	
PCC 0 RECs applied to PQR		0	
Long-Term PCC 1 RECs applied to PQR		0	
Short-Term PCC 1 RECs applied to PQR		0	
Long-Term PCC 2 RECs applied to PQR		0	
Short-Term PCC 2 RECs applied to PQR		0	
Long-Term PCC 3 RECs applied to PQR		0	
Short-Term PCC 3 RECs applied to PQR		0	
Application of PCC 0 RECs to 20% Closing Report Deficit		0	
Application of Long-term PCC 1 RECs to 20% Closing Report Deficit		0	
Application of Short-term PCC 1 RECs to 20% Closing Report Deficit		0	
Application of Long-term PCC 2 RECs to 20% Closing Report Deficit		0	
Application of Short-term PCC 2 RECs to 20% Closing Report Deficit		0	
Application of Long-term PCC 3 RECs to 20% Closing Report Deficit		0	
Application of Short-term PCC 3 RECs to 20% Closing Report Deficit		0	
Cumulative Closing Report Deficit		N/A	











**3 Phases Renewables, LLC**  
**2012 Preliminary Annual 33% RPS Compliance Report**  
**Narrative Reporting Requirements**

1. To date, 3 Phases has not entered into any supply contracts for California RPS-eligible products from facilities that have not yet attained their commercial on-line dates.
2. 3 Phases procure the following RECs produced by RPS-eligible facilities located outside of California in 2012.

<u>FacilityName</u>	<u>Location</u>	<u>Amount</u>
Juniper Canyon Wind Power	Bickleton, WA	6,000
White Creek Wind I	Roosevelt, WA	1,409
White Creek Wind I	Roosevelt, WA	11,988
	TOTAL	19,397

3. 3 Phases procured the following unbundled RECs in 2012:

<u>FacilityName</u>	<u>Location</u>	<u>Amount</u>
Juniper Canyon Wind Power	Goldendale, WA	6,000
White Creek Wind I	Roosevelt, WA	11,988
	TOTAL	17,988

4. 3 Phases has no recommendations at this time with regard to removing impediments to making progress toward achieving California RPS procurement requirements.

**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 August 1, 2013 at Manhattan Beach, CA.

A handwritten signature in black ink, appearing to read "M. Kopf", is written above a horizontal line.

(Signature and Title of Corporate Officer)