

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)

**Tiger Natural Gas, Inc.**

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

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

August 1, 2013

Name: Bethany Soler  
Title: Operations Analyst  
Email: [bsoler@tigernaturalgas.com](mailto:bsoler@tigernaturalgas.com)  
Phone: (888) 875-6122 X256  
Fax: (888) 294-7660  
Address: 1422 E. 71st Street, Suite J  
Tulsa, Oklahoma 74136

**RPS Compliance Report: Summary**

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

RPS Summary Report	2011	
	MWh	% of Total Retail Sales
Total Retail Sales	24,559	n/a
Annual RPS Target	4,912	20.0%
Total RPS Eligible RECs Procured	0	0.0%
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	0	0.0%
Muni Solid Waste	0	0.0%
<b>Biopower Subtotal</b>	<b>0</b>	<b>0.0%</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	0	0.0%
Ocean/Tidal	0	0.0%
Fuel Cells	0	0.0%
<b>Total RPS Eligible Procurement</b>	<b>0</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	0	0.0%
RECs Procured from PCC 2 Eligible Resources	0	0.0%
RECs Procured from PCC 3 Eligible Resources	0	0.0%
	0	

**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	5,158	
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	4,048	78.5%
Muni Solid Waste	0	0.0%
<b>Biopower Subtotal</b>	<b>4,048</b>	<b>78.5%</b>
Geothermal	1,110	21.5%
Small Hydro	0	0.0%
Conduit Hydro	0	0.0%
Solar PV	0	0.0%
Solar Thermal	0	0.0%
Wind	0	0.0%
Ocean/Tidal	0	0.0%
Fuel Cells	0	0.0%
<b>Total RPS Eligible Procurement</b>	<b>5,158</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	4,048	78.5%
RECs Procured from PCC 2 Eligible Resources	0	0.0%
RECs Procured from PCC 3 Eligible Resources	1,110	21.5%
	5,158	

**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	24,559				n/a
Annual RPS Targets and Compliance Period Procurement Requirement	4,912				20.0%
Total RPS Eligible RECs Procured	0	5,158	7,720	12,878	
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	0	4,048	0	4,048	31.4%
Muni Solid Waste	0	0	0	0	0.0%
<b>Biopower Subtotal</b>	<b>0</b>	<b>4,048</b>	<b>0</b>	<b>4,048</b>	<b>31.4%</b>
Geothermal	0	1,110	7,720	8,830	68.6%
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	0	0	0	0	0.0%
Ocean/Tidal	0	0	0	0	0.0%
Fuel Cells	0	0	0	0	0.0%
<b>Total RPS Eligible Procurement</b>	<b>0</b>	<b>5,158</b>	<b>7,720</b>	<b>12,878</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	0	4,048	5,040	9,088	70.6%
RECs Procured from PCC 2 Eligible Resources	0	0	0	0	0.0%
RECs Procured from PCC 3 Eligible Resources	0	1,110	2,680	3,790	29.4%
<b>Total</b>	<b>0</b>	<b>5,158</b>	<b>7,720</b>	<b>12,878</b>	

Data Reported by:  
Tiger Natural Gas, Inc.  
August 1, 2013

Compliance Summary and Charts

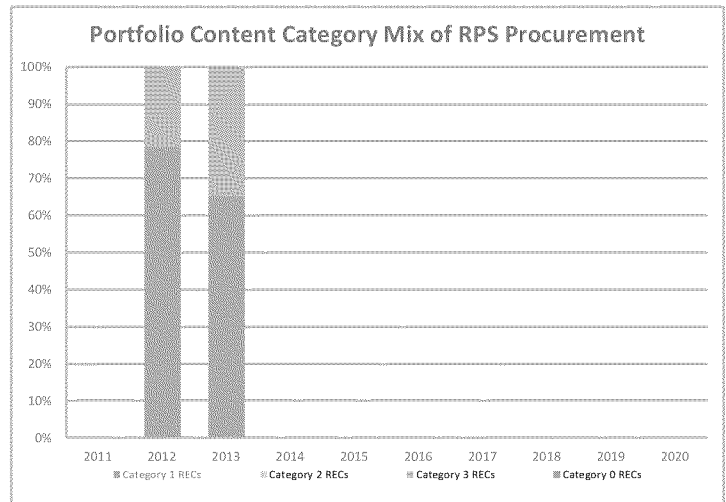
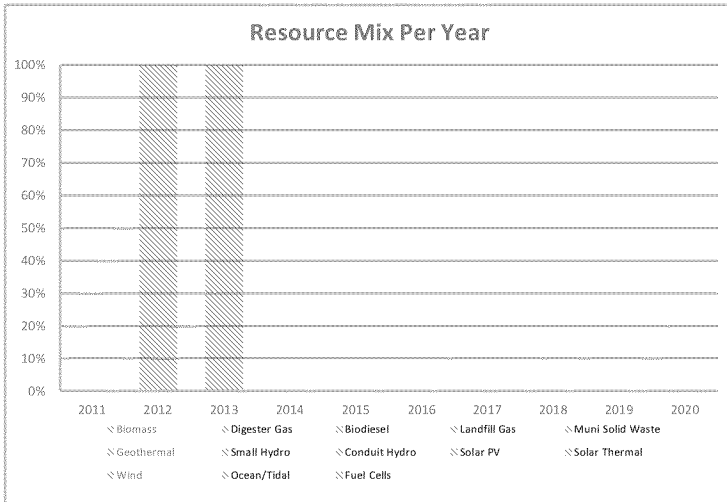
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Retail Sales (MWh)	24,559						0	0	0	0
Annual % Target	20.0%	20.0%	20.0%	21.7%	23.3%	25.0%	27.0%	29.0%	31.0%	33.0%
Annual RPS Target	4,912						0	0	0	0
Procurement Quantity Requirement								0		

Resource Mix

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>Total RPS Procurement</b>	<b>0</b>	<b>5,158</b>	<b>7,720</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	0	4,048	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>0</b>	<b>4,048</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	1,110	7,720	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	0	0	0	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	0	4,048	5,040	0	0	0	0	0	0	0
Category 2 RECs	0	0	0	0	0	0	0	0	0	0
Category 3 RECs	0	1,110	2,680	0	0	0	0	0	0	0



**Annual RPS Compliance Report: Compliance Status**

Data Reported by:

Tiger Natural Gas, Inc.

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	3,055
Net Surplus/(Deficit) from 20% RPS Closing Report	(611)

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
Annual Retail Sales	24,559						0	0	0
Annual RPS Procurement	0	5,158	7,720	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%
Annual RPS Procurement Percentage	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
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
PCC 1 RECs Retired (Annual)	0	0	0	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
PCC 3 RECs Retired (Annual)	0	0	0	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
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
Total RECs Retired (Compliance Period)		0			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
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
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
PCC 0 Bank		0			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		0			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
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		(611)
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		(611)	

Project Information	
Project Name	
Start Date	
End Date	
Project Manager	
Status	
Description	

Financial Information	
Budget	
Actual Expenditure	
Variance	
Comments	

Activity	Start Date	End Date	Status	Financials		Notes
				Budget	Actual	
Project Planning	2023-01-01	2023-03-31	Completed	1000	1000	
Phase 1: Research	2023-04-01	2023-06-30	In Progress	2500	2500	
Phase 2: Development	2023-07-01	2023-09-30	Not Started	2500	0	
Phase 3: Testing	2023-10-01	2023-12-31	Not Started	2500	0	
Deployment	2024-01-01	2024-03-31	Not Started	2500	0	
Post-launch Support	2024-04-01	2024-12-31	Not Started	2500	0	
Total				15000	15000	









Tiger Natural Gas, Inc.  
2012 Preliminary Annual 33% RPS Compliance Report  
Narrative Reporting Requirements

1. To date, TNG 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. TNG did not procure any RECs produced by RPS-eligible facilities located outside of California but within the WECC in 2012, but anticipates procuring such RPS products in 2013 up to the maximum amount allowed for PCC2 resources for Compliance Period 1. However, TNG has not yet identified from which facilities it will procure such products.
3. TNG procured the following unbundled RECs in 2012:

<u>FacilityName</u>	<u>Location</u>	<u>Amount</u>
CalpineGeothermalUnit16A	Middletown, CA	1,110
	TOTAL	1,100


4. TNG 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 Tulsa, Oklahoma.

A handwritten signature in black ink, appearing to read "Tracy Phillips". The signature is written in a cursive, flowing style.

Tracy Phillips, Executive Vice President