

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)

Glacial Energy of California, INC

2013 Preliminary Annual 33% RPS Compliance Report

Reporting progress towards meeting the procurement quantity requirements for California's RPS
Program in the first compliance period (2011-2013)

July 22, 2014

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RPS Compliance Report: 2011 Annual Summary

2011 Annual Summary	
22-Jul-14	

RPS Summary Report	2011	
	MWh	% of Total Retail Sales
Total Retail Sales	60,649	n/a
Annual RPS Target	12,130	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%
Biopower Subtotal	0	0.0%
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%
Total RPS Eligible Procurement	0	

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: 2012 Annual Summary

2012 Annual Summary	
22-Jul-14	

RPS Summary Report	2012	
	MWh	% of Total Retail Sales
Total Retail Sales	74,913	n/a
Annual RPS Target	14,983	20.0%
Total RPS Eligible RECs Procured	24,000	32.0%
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	0	0.0%
Muni Solid Waste	0	0.0%
Biopower Subtotal	0	0.0%
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	24,000	100.0%
Ocean/Tidal	0	0.0%
Fuel Cells	0	0.0%
Total RPS Eligible Procurement	24,000	

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	10,000	41.7%
RECs Procured from PCC 2 Eligible Resources	7,000	29.2%
RECs Procured from PCC 3 Eligible Resources	7,000	29.2%
	24,000	

RPS Compliance Report: 2013 Annual Summary

2013 Annual Summary	
22-Jul-14	

RPS Summary Report	2013	
	MWh	% of Total Retail Sales
Total Retail Sales	52,299	n/a
Annual RPS Target	10,460	20.0%
Total RPS Eligible RECs Procured	19,344	37.0%
Total RPS Eligible RECs Retired for Compliance	43,344	82.9%

RPS Procurement Resource Mix

RPS Procurement	2013	
	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%
Biopower Subtotal	0	0.0%
Geothermal	6,344	32.8%
Small Hydro	0	0.0%
Conduit Hydro	7,000	36.2%
Solar PV	0	0.0%
Solar Thermal	0	0.0%
Wind	6,000	31.0%
Ocean/Tidal	0	0.0%
Fuel Cells	0	0.0%
Total RPS Eligible Procurement	19,344	

Claimed Portfolio Content Category of RPS Procurement

Portfolio Content Category	2013	
	MWh	% of Total RPS Procurement
RECs Procured from PCC 0 Eligible Resources	0	0.0%
RECs Procured from PCC 1 Eligible Resources	8,744	45.2%
RECs Procured from PCC 2 Eligible Resources	3,500	18.1%
RECs Procured from PCC 3 Eligible Resources	7,100	36.7%
	19,344	

RPS Compliance Report: 2011-2013 Compliance Period Summary

2011-13 Compliance Period	
22-Jul-14	

RPS Summary Report	2011	2012	2013	CP TOTAL	% of Total Retail Sales
	MWh	MWh	MWh	MWh	
Total Retail Sales	60,649	74,913	52,299	187,861	N/A
Annual RPS Targets and Compliance Period Procurement Requirement	12,130	14,983	10,466	37,572	20.0%
Total RPS Eligible RECs Procured	0	24,000	19,344	43,344	23.1%
Total RPS Eligible RECs Retired	0	0	43,344	43,344	23.1%

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	0	0	0	0.0%
Muni Solid Waste	0	0	0	0	0.0%
Biopower Subtotal	0	0	0	0	0.0%
Geothermal	0	0	6,344	6,344	14.6%
Small Hydro	0	0	0	0	0.0%
Conduit Hydro	0	0	7,000	7,000	16.1%
Solar PV	0	0	0	0	0.0%
Solar Thermal	0	0	0	0	0.0%
Wind	0	24,000	6,000	30,000	69.2%
Ocean/Tidal	0	0	0	0	0.0%
Fuel Cells	0	0	0	0	0.0%
Total RPS Eligible Procurement	0	24,000	19,344	43,344	

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	10,000	8,744	18,744	43.2%
RECs Procured from PCC 2 Eligible Resources	0	7,000	3,500	10,500	24.2%
RECs Procured from PCC 3 Eligible Resources	0	7,000	7,100	14,100	32.5%
Total	0	24,000	19,344	43,344	

Data Reported by:
 Glacial Energy of California, INC
 July 22, 2014

2011-2020 Compliance Summary and Charts

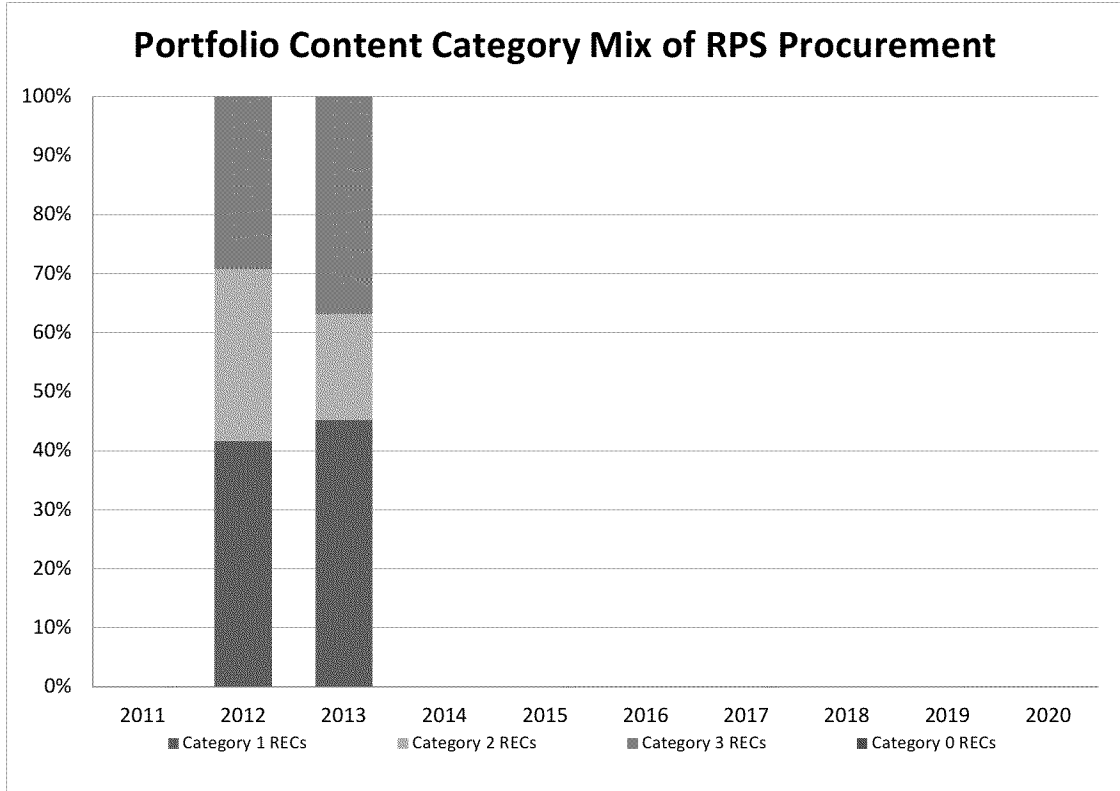
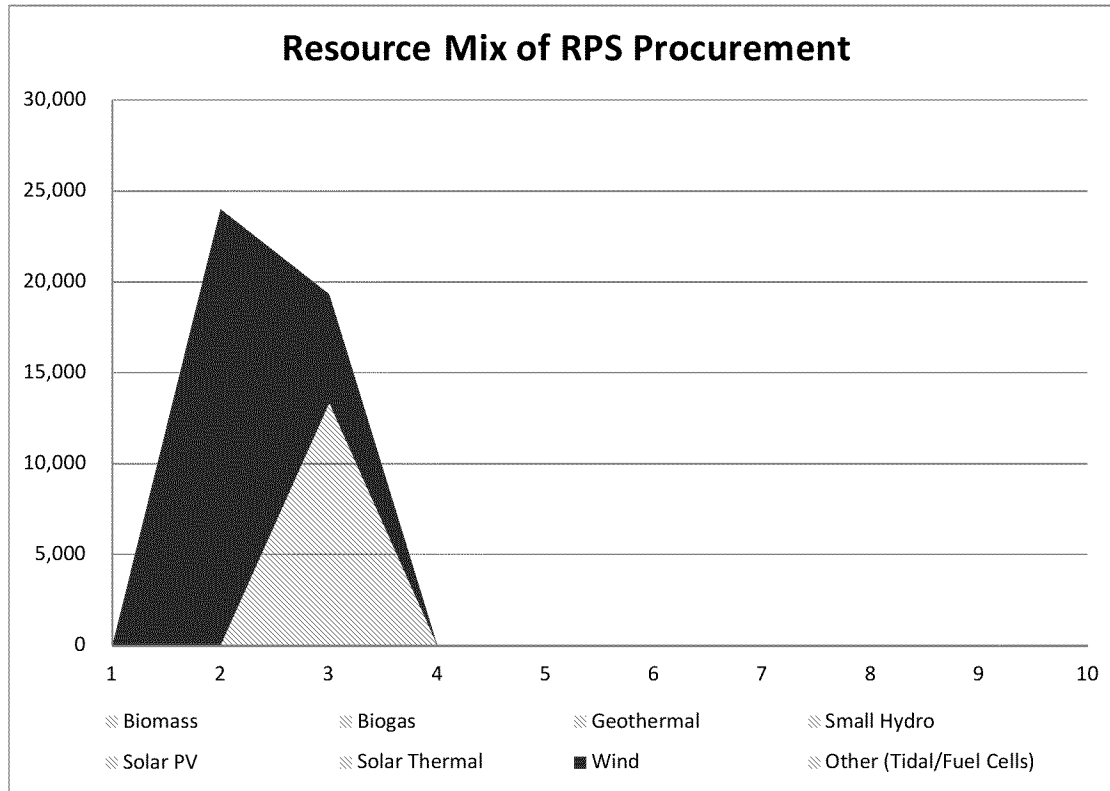
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Retail Sales (MWh)	60,649	74,913	52,299	29,695	29,695	29,695	29,695	29,695	29,695	29,695
Annual % Target	20.0%	20.0%	20.0%	21.7%	23.3%	25.0%	27.0%	29.0%	31.0%	33.0%
Annual RPS Target	12,130	14,983	10,460	6,444	6,919	7,424	8,018	8,612	9,205	9,799
Procurement Quantity Requirement	37,572			20,787			35,634			

Resource Mix

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Total RPS Procurement	0	24,000	19,344	0	0	0	0	0	0	0
<i>Biomass</i>	0	0	0	0	0	0	0	0	0	0
<i>Digester Gas</i>	0	0	0	0	0	0	0	0	0	0
<i>Biodiesel</i>	0	0	0	0	0	0	0	0	0	0
<i>Landfill Gas</i>	0	0	0	0	0	0	0	0	0	0
<i>Muni Solid Waste</i>	0	0	0	0	0	0	0	0	0	0
<i>Biopower Subtotal</i>	0	0	0	0	0	0	0	0	0	0
<i>Geothermal</i>	0	0	6,344	0	0	0	0	0	0	0
<i>Small Hydro</i>	0	0	0	0	0	0	0	0	0	0
<i>Conduit Hydro</i>	0	0	7,000	0	0	0	0	0	0	0
<i>Solar PV</i>	0	0	0	0	0	0	0	0	0	0
<i>Solar Thermal</i>	0	0	0	0	0	0	0	0	0	0
<i>Wind</i>	0	24,000	6,000	0	0	0	0	0	0	0
<i>Ocean/Tidal</i>	0	0	0	0	0	0	0	0	0	0
<i>Fuel Cells</i>	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	10,000	8,744	0	0	0	0	0	0	0
Category 2 RECs	0	7,000	3,500	0	0	0	0	0	0	0
Category 3 RECs	0	7,000	7,100	0	0	0	0	0	0	0



	A	B	C	D	E	F	G	H	I	J	K	L
1												
2		Annual RPS Compliance Report: Compliance Status										
3		Data Reported by:										
4		Glacial Energy of California, INC										
5		July 22, 2014										
6												
7												
8												
9		Information from the 20% RPS Compliance Program (MWh)										
10		Total Retail Sales in 2010										
11		Net Surplus/(Deficit) from 20% RPS Closing Report										
12												
13												
14												
15												
16												
17		Annual RPS Procurement and Percentages (MWh)										
18		Annual Retail Sales										
19		Annual RPS Procurement										
20		Annual Percentage Targets										
21		Annual RPS Procurement Percentage										
22												
23												
24												
25		Procurement Quantity Requirement (MWh)										
26		Procurement Quantity Requirement (PQR)										
27		PCC 0 RECs Retired (Annual)										
28		PCC 1 RECs Retired (Annual)										
29		PCC 2 RECs Retired (Annual)										
30		PCC 3 RECs Retired (Annual)										
31		Annual Percentage Targets										
32		RECs Retired as Percentage of Retail Sales										
33		Total RECs Retired (Compliance Period)										
34												
35												
36												
37												
38		Portfolio Balance Requirements (MWh)										
39		PCC 1 RECs Retired (Compliance Period)										
40		PCC 2 RECs Retired (Compliance Period)										
41		PCC 3 RECs Retired (Compliance Period)										
42		PCC 1 Balance Requirement										
43		Excess/(Shortfall) Retirements from PCC 1										
44		PCC 3 Balance Limitation										
45		Ineligible Category 3										
46												
47												
48												
49		Excess Procurement Calculation (MWh)										
50		PCC 0 RECs applied to PQR										
51		Long-Term PCC 1 RECs applied to PQR										
52		Short-Term PCC 1 RECs applied to PQR										
53		Long-Term PCC 2 RECs applied to PQR										
54		Short-Term PCC 2 RECs applied to PQR										
55		Long-Term PCC 3 RECs applied to PQR										
56		Short-Term PCC 3 RECs applied to PQR										
57		Excess RECs Eligible for Banking										
58		Excess PCC 0 RECs										
59		Excess PCC 1 RECs										
60		Excess PCC 2 RECs										
61		Remaining Excess RECs Eligible for Banking and Requiring a Category Assignment										
62												
63												
64												
65		Excess Procurement Bank (MWh)										
66		PCC 0 Bank										
67		PCC 1 Bank										
68		PCC 2 Bank										
69		Application of PCC 0 Banked RECs										
70		Application of PCC 1 Banked RECs										
71		Application of PCC 2 Banked RECs										
72		Cumulative PCC 0 Bank										
73		Cumulative PCC 1 Bank										
74		Cumulative PCC 2 Bank										
75												
76												
77												
78		RPS Compliance Status (MWh)										
79		Additional RECs Needed to meet RPS Procurement Quantity Requirement										
80												
81												
82		Provisional 20% Closing Report										
83		Deficit from Provisional 20% RPS Closing Report										
84		PCC 0 RECs applied to PQR										
85		Long-Term PCC 1 RECs applied to PQR										
86		Short-Term PCC 1 RECs applied to PQR										
87		Long-Term PCC 2 RECs applied to PQR										
88		Short-Term PCC 2 RECs applied to PQR										
89		Long-Term PCC 3 RECs applied to PQR										
90		Short-Term PCC 3 RECs applied to PQR										
91		Application of PCC 0 RECs to 20% Closing Report Deficit										
92		Application of Long-term PCC 1 RECs to 20% Closing Report Deficit										
93		Application of Short-term PCC 1 RECs to 20% Closing Report Deficit										
94		Application of Long-term PCC 2 RECs to 20% Closing Report Deficit										
95		Application of Short-term PCC 2 RECs to 20% Closing Report Deficit										
96		Application of Long-term PCC 3 RECs to 20% Closing Report Deficit										
97		Application of Short-term PCC 3 RECs to 20% Closing Report Deficit										
98		Cumulative Closing Report Deficit										

Annual RPS Compliance Report: (2013) 36 Month Retirement

State of Georgia
 Georgia Energy Office, Inc.
 04/12/2014

Request Information for E-Codes (See Input Worksheet)

Note: Please create the correct combination of REC (Generator) REC (retirement date). For example: REC1 that uses the same generator retired 2012 has parameters, please include that per retirement date. Likewise REC1 of different size (e.g. REC1 2012 and REC1 2013) are defined on the same date, please include size per voltage.

REC ID	RPS ID	REC ID 2	Fuel Type	Value Month/Year	Retirement Date (MM/YY)	1st Month to Retire (MM/YY)	36-Month Retirement Date (MM/YY)	REC ID Country
REC1	REC1	REC1	Coal	1000000	01/2012	01/2012	01/2012	REC1
REC2	REC2	REC2	Coal	1000000	01/2012	01/2012	01/2012	REC2
REC3	REC3	REC3	Coal	1000000	01/2012	01/2012	01/2012	REC3
REC4	REC4	REC4	Coal	1000000	01/2012	01/2012	01/2012	REC4
REC5	REC5	REC5	Coal	1000000	01/2012	01/2012	01/2012	REC5
REC6	REC6	REC6	Coal	1000000	01/2012	01/2012	01/2012	REC6
REC7	REC7	REC7	Coal	1000000	01/2012	01/2012	01/2012	REC7
REC8	REC8	REC8	Coal	1000000	01/2012	01/2012	01/2012	REC8
REC9	REC9	REC9	Coal	1000000	01/2012	01/2012	01/2012	REC9
REC10	REC10	REC10	Coal	1000000	01/2012	01/2012	01/2012	REC10
REC11	REC11	REC11	Coal	1000000	01/2012	01/2012	01/2012	REC11
REC12	REC12	REC12	Coal	1000000	01/2012	01/2012	01/2012	REC12
REC13	REC13	REC13	Coal	1000000	01/2012	01/2012	01/2012	REC13
REC14	REC14	REC14	Coal	1000000	01/2012	01/2012	01/2012	REC14
REC15	REC15	REC15	Coal	1000000	01/2012	01/2012	01/2012	REC15
REC16	REC16	REC16	Coal	1000000	01/2012	01/2012	01/2012	REC16
REC17	REC17	REC17	Coal	1000000	01/2012	01/2012	01/2012	REC17
REC18	REC18	REC18	Coal	1000000	01/2012	01/2012	01/2012	REC18
REC19	REC19	REC19	Coal	1000000	01/2012	01/2012	01/2012	REC19
REC20	REC20	REC20	Coal	1000000	01/2012	01/2012	01/2012	REC20
REC21	REC21	REC21	Coal	1000000	01/2012	01/2012	01/2012	REC21
REC22	REC22	REC22	Coal	1000000	01/2012	01/2012	01/2012	REC22
REC23	REC23	REC23	Coal	1000000	01/2012	01/2012	01/2012	REC23
REC24	REC24	REC24	Coal	1000000	01/2012	01/2012	01/2012	REC24
REC25	REC25	REC25	Coal	1000000	01/2012	01/2012	01/2012	REC25
REC26	REC26	REC26	Coal	1000000	01/2012	01/2012	01/2012	REC26
REC27	REC27	REC27	Coal	1000000	01/2012	01/2012	01/2012	REC27
REC28	REC28	REC28	Coal	1000000	01/2012	01/2012	01/2012	REC28
REC29	REC29	REC29	Coal	1000000	01/2012	01/2012	01/2012	REC29
REC30	REC30	REC30	Coal	1000000	01/2012	01/2012	01/2012	REC30
REC31	REC31	REC31	Coal	1000000	01/2012	01/2012	01/2012	REC31
REC32	REC32	REC32	Coal	1000000	01/2012	01/2012	01/2012	REC32
REC33	REC33	REC33	Coal	1000000	01/2012	01/2012	01/2012	REC33
REC34	REC34	REC34	Coal	1000000	01/2012	01/2012	01/2012	REC34
REC35	REC35	REC35	Coal	1000000	01/2012	01/2012	01/2012	REC35
REC36	REC36	REC36	Coal	1000000	01/2012	01/2012	01/2012	REC36
REC37	REC37	REC37	Coal	1000000	01/2012	01/2012	01/2012	REC37
REC38	REC38	REC38	Coal	1000000	01/2012	01/2012	01/2012	REC38
REC39	REC39	REC39	Coal	1000000	01/2012	01/2012	01/2012	REC39
REC40	REC40	REC40	Coal	1000000	01/2012	01/2012	01/2012	REC40
REC41	REC41	REC41	Coal	1000000	01/2012	01/2012	01/2012	REC41
REC42	REC42	REC42	Coal	1000000	01/2012	01/2012	01/2012	REC42
REC43	REC43	REC43	Coal	1000000	01/2012	01/2012	01/2012	REC43
REC44	REC44	REC44	Coal	1000000	01/2012	01/2012	01/2012	REC44
REC45	REC45	REC45	Coal	1000000	01/2012	01/2012	01/2012	REC45
REC46	REC46	REC46	Coal	1000000	01/2012	01/2012	01/2012	REC46
REC47	REC47	REC47	Coal	1000000	01/2012	01/2012	01/2012	REC47
REC48	REC48	REC48	Coal	1000000	01/2012	01/2012	01/2012	REC48
REC49	REC49	REC49	Coal	1000000	01/2012	01/2012	01/2012	REC49
REC50	REC50	REC50	Coal	1000000	01/2012	01/2012	01/2012	REC50

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 [has] been altered from the version issued or approved by Energy Division [, with the alterations described in this report].

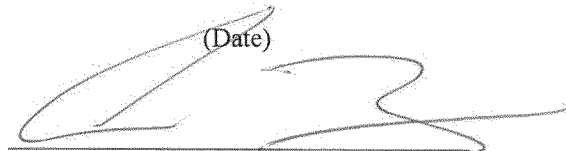
I declare under penalty of perjury that the foregoing is true and correct.

Executed on 7/31/14 at St. Thomas, VI.

(Date)

(Name of city)

(State)



VP Electric Supply
(Signature and Title of Corporate Officer)