

**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)

**Marin Energy Authority**

**August 2011 SEMI-ANNUAL COMPLIANCE REPORT  
PURSUANT TO THE CALIFORNIA RENEWABLES  
PORTFOLIO STANDARD**

25-Jul-11

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**RPS Compliance Report: Summary**

<b>CCA Name</b>	<b>2010</b>
[Date]	

<b>RPS Summary Report</b>	<b>MWh</b>	<b>%</b>
Current Year Total Retail Sales	91,219	
Annual Procurement Target (APT)	N/A	N/A
Total RPS Eligible Procurement	24,543	26.9%
Annual Procurement Surplus/(Deficit)	N/A	
Adjusted Procurement Percentage*		0.0%

\* 'Adjusted Procurement Percentage' includes flexible compliance as proposed by the LSE, it is not necessarily used to determine compliance.

<b>RPS Eligible Procurement</b>	<b>MWh</b>	<b>%</b>
Biomass	0	0.0%
Digester Gas	0	0.0%
Biodiesel	0	0.0%
Landfill Gas	18,341	74.7%
Muni Solid Waste	0	0.0%
<i>Biopower Subtotal</i>	18,341	74.7%
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	6,202	25.3%
Ocean/Tidal	0	0.0%
Fuel Cells	0	0.0%
<b>Total RPS Eligible Procurement</b>	<b>24,543</b>	<b>100.0%</b>

<b>Flexible Compliance</b>	<b>MWh</b>
IPT Deferral	0
Earmarking	0
Banked Procurement Applied	0
<b>Total Flexible Compliance</b>	<b>0</b>

<b>Deficits and Penalties</b>	<b>2010</b>
Preliminary Procurement (Deficit)	N/A
Adjusted Annual Procurement Deficit	N/A
Adjusted Deficit Deferred	N/A
Potential Penalty	N/A
Current Penalty (with flexible compliance)	N/A

\*\* Potential Penalty is calculated based on 'Adjusted Annual Procurement Deficit' and may be deferred or waived if LSE provides allowable reasons and/or uses flexible compliance.

Check box (x) if LSE is including supplemental materials necessary for a full and complete report (include attachments as needed).

- Any supplemental materials should state each reason asserted in support of deferral or waiver of penalty, consistent with allowable reasons for non-compliance listed below. (D.03-12-065, D.03-06-071, D.06-05-010 and Public Utilities Code Section 399.14(a))

[ Insufficient response to RFO, Contracts already executed will provide future deliveries sufficient to satisfy current year deficits, Inadequate public goods funds to cover above-market costs, Seller non-performance, Lack of effective competition, Deferr

- If stating earmarked contracts as a reason for a temporary deferral, make sure contract names and planned energy deliveries match what is listed in "Earmarking Detail" and "Procurement Detail" tabs.

RPS Compliance Report: Accounting

Marin Energy Authority  
25-Jul-11

Line#	RPS Baseline Calculation	(MWh)
1	2001 Total CA Retail Sales	0
2	2001 CA RPS-Eligible Procurement	0
3	2005 Total CA Retail Sales	0
4	2005 Baseline Procurement Amount	0

Input Required  
Forecasted Data  
Actual Data

Line#	RPS Procurement and Targets (MWh)	Actual									Forecast								
		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
5	California Retail Sales	N/A	N/A	N/A	N/A	N/A	N/A	N/A	91,219	190,343	490,782	739,447	741,998	744,567	747,154	750,774	753,501	757,328	761,115
6	California RPS-Eligible Procurement	N/A	N/A	N/A	N/A	N/A	N/A	N/A	24,543	51,525	136,778	213,633	232,707	250,093	253,152	266,292	266,292	266,292	266,292
7	Annual Procurement Target (APT)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	38,069	98,156	147,889	148,400	148,913	149,431	150,155	150,700	151,466	152,223
8	Incremental Procurement Target (IPT)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	60,088	49,733	510	514	724	545	765	757	757
9	Preliminary Procurement Surplus/(Deficit)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13,456	38,622	65,744	84,307	101,180	103,721	116,137	115,592	114,826	114,069
10	APT Percentage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%
11	Actual Procurement Percentage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	26.9%	27.1%	27.9%	28.9%	31.4%	33.6%	33.9%	35.5%	35.3%	35.2%	35.0%
12	Adjusted Procurement Percentage*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	26.9%	27.1%	27.9%	28.9%	31.4%	33.6%	33.9%	35.5%	35.3%	35.2%	35.0%

Line#	Flexible Compliance - IPT Deferral	Actual									Forecast								
		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
13	Maximum Deficit Eligible for Deferral	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0
14	Deficit being Carried Forward to Year + 1	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Deficit being Carried Forward to Year + 2	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Deficit being Carried Forward to Year + 3	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Total Current Year Deficit Carried Forward	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Remaining Deficit from Year - 1 to Be Filled in Current Year	N/A	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Remaining Deficit from Year - 2 to Be Filled in Current Year	N/A	N/A	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Remaining Deficit from Year - 3 to Be Filled in Current Year	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0
21	Total Prior Year IPT Deficits That Must Be Filled This Year	N/A	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Current Year Surplus Procurement Applied to Year - 1 Deficit	N/A	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Current Year Surplus Procurement Applied to Year - 2 Deficit	N/A	N/A	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Current Year Surplus Procurement Applied to Year - 3 Deficit	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0
25	Total Deliveries Applied to Prior Year IPT Deficits	N/A	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Line#	Flexible Compliance - Earmarking	Actual									Forecast								
		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
26	Portion of Current Year Deficit Eligible for Earmarking	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0
27	Future Year Deliveries Earmarked from Year + 1	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A
28	Future Year Deliveries Earmarked from Year + 2	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A	N/A
29	Future Year Deliveries Earmarked from Year + 3	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	N/A	N/A	N/A
30	Total Projected Procurement Earmarked to Current Year	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Current Year Deliveries Earmarked to Year - 1	N/A	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	Current Year Deliveries Earmarked to Year - 2	N/A	N/A	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0
33	Current Year Deliveries Earmarked to Year - 3	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0
34	Total Deliveries Earmarked to Prior Year Earmarked Deficits	N/A	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Line#	Surplus Procurement Bank	Actual									Forecast								
		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
35	Surplus Procurement Bank Balance as of Prior Year	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13,456	38,622	104,365	188,673	289,853	393,574	509,711	625,303	740,129
36	Application of Banked Surplus Procurement to Current Year Deficit	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13,456	38,622	65,744	84,307	101,180	103,721	116,137	115,592	114,826	114,069
37	Adjusted Current Year Annual Surplus Procurement	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13,456	38,622	65,744	84,307	101,180	103,721	116,137	115,592	114,826	114,069
38	Cumulative Surplus Procurement Bank Balance	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	13,456	38,622	104,365	188,673	289,853	393,574	509,711	625,303	740,129	854,198

Line#	Adjusted Deficit	Actual									Forecast								
		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
39	Adjusted Annual Procurement Deficit	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0
40	Adjusted Deficit Deferred	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	Potential Penalty	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
42	Current Penalty (with flexible compliance)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

\*Potential Penalty may be deferred or waived if LSE provides allowable reasons and/or uses flexible compliance

RPS Compliance Report: Earmarking Detail

	Input Required	Marin Energy Authority
	Forecasted Data	25-Jul-11
	Actual Data	

Total Annual Earmarked Generation (MWh)	Actual						Forecast									
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Contracted Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Withdrawal from Current Year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allocated to Year - 1	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allocated to Year - 2	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0
Allocated to Year - 3	N/A	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0

Contract Name	Contracted Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eligible for [YEAR] deficit	Withdrawal from Current Year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Allocated to Year - 1	N/A	N/A													
	Allocated to Year - 2	N/A	N/A	N/A												
	Allocated to Year - 3	N/A	N/A	N/A	N/A											
Contract Name	Contracted Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eligible for [YEAR] deficit	Withdrawal from Current Year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Allocated to Year - 1	N/A	N/A													
	Allocated to Year - 2	N/A	N/A	N/A												
	Allocated to Year - 3	N/A	N/A	N/A	N/A											
Contract Name	Contracted Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eligible for [YEAR] deficit	Withdrawal from Current Year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Allocated to Year - 1	N/A	N/A													
	Allocated to Year - 2	N/A	N/A	N/A												
	Allocated to Year - 3	N/A	N/A	N/A	N/A											
Contract Name	Contracted Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eligible for [YEAR] deficit	Withdrawal from Current Year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Allocated to Year - 1	N/A	N/A													
	Allocated to Year - 2	N/A	N/A	N/A												
	Allocated to Year - 3	N/A	N/A	N/A	N/A											
Contract Name	Contracted Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eligible for [YEAR] deficit	Withdrawal from Current Year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Allocated to Year - 1	N/A	N/A													
	Allocated to Year - 2	N/A	N/A	N/A												
	Allocated to Year - 3	N/A	N/A	N/A	N/A											
Contract Name	Contracted Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eligible for [YEAR] deficit	Withdrawal from Current Year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Allocated to Year - 1	N/A	N/A													
	Allocated to Year - 2	N/A	N/A	N/A												
	Allocated to Year - 3	N/A	N/A	N/A	N/A											
Contract Name	Contracted Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eligible for [YEAR] deficit	Withdrawal from Current Year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Allocated to Year - 1	N/A	N/A													
	Allocated to Year - 2	N/A	N/A	N/A												
	Allocated to Year - 3	N/A	N/A	N/A	N/A											

RPS Compliance Report: Procurement Detail

Input Required: Main Energy Authority  
 Forecasted Data: 25-Jul-11  
 Actual Data:

Procurement Summary	Actual MWh										Forecast MWh							
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Total RPS Eligible Procurement	0	0	0	0	0	0	0	24,543	51,525	146,778	213,633	232,707	230,093	231,152	228,232	228,232	228,232	228,232
Existing and/or Signed Contracts	0	0	0	0	0	0	0	24,543	51,525	76,958	77,213	123,287	101,253	79,312	79,312	79,312	79,312	79,312
Short-Term Contracts (Validating/Operating Approval)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Generic Future Contracts	0	0	0	0	0	0	0	0	0	69,820	136,420	109,420	148,840	173,840	188,920	188,920	188,920	188,920
Annual Contracting Quota Requirement	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
RPS core act: (requirement for new facilities)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	69,820	136,420	109,420	148,840	173,840	173,840	173,840	173,840	173,840	173,840	173,840
RPS contracts: short-term with existing facilities	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0
Surplus Contracting Quota Bank as of Prior Year	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0
Current Year / Banked MWh Applied to Annual Quota	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0
Cumulative Surplus Contracting Quota Bank	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0
Minimum Annual Contracting Quota Shortfall	N/A	N/A	N/A	N/A	N/A	N/A	N/A	69,820	136,420	109,420	148,840	173,840	173,840	173,840	173,840	173,840	173,840	173,840

RPS Eligible Procurement By Resource Type	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Biomass	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Digester Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Biodeisel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Landfill Gas	0	0	0	0	0	0	0	16,341	37,120	80,627	121,119	94,119	68,977	65,000	65,000	65,000	65,000	65,000
Muri Solid Waste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geothermal	0	0	0	0	0	0	0	10,341	37,120	80,627	121,119	94,119	68,977	65,000	65,000	65,000	65,000	65,000
Small Hydro	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Conduit Hydro	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solar PV	0	0	0	0	0	0	0	0	0	30,000	70,734	84,912	89,912	89,912	89,912	89,912	89,912	89,912
Solar Thermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind	0	0	0	0	0	0	0	6,202	14,405	56,151	52,514	57,854	85,804	78,840	91,980	91,980	91,980	91,980
Ocean/Tidal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fuel Cells	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Contract Detail	2003-2020																			Contract Status	Facility Status	Resource Type
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020				
<b>Pre-2002 Contracts</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	none	none	Biomass Digester Gas Biodeisel Landfill Gas Muri Solid Waste Geothermal Small Hydro Conduit Hydro Solar PV Solar Thermal Wind Ocean/Tidal Fuel Cells
Biomass	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
<b>2010 Contracts</b>	0	0	0	0	0	0	0	24,543	51,525	146,778	213,633	232,707	230,093	231,152	228,232	228,232	228,232	228,232	228,232	executed - no approval needed	online	Landfill Gas Landfill Gas Landfill Gas Landfill Gas Landfill Gas Wind Solar PV
Shell Energy North America, MEA Phase 1 - Columbia	0	0	0	0	0	0	0	24,543	51,525	146,778	213,633	232,707	230,093	231,152	228,232	228,232	228,232	228,232	228,232			
<b>2011 Contracts</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	executed - no approval needed	under development - delayed	Landfill Gas Landfill Gas Landfill Gas Landfill Gas Wind Solar PV
Shell Energy North America, MEA Phase 2 - CEO-Ce	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
<b>Generic Future Contracts</b>	0	0	0	0	0	0	0	0	0	69,820	136,420	109,420	148,840	173,840	188,920	188,920	188,920	188,920	188,920	none	under development - on schedule	Biomass Digester Gas Biodeisel Landfill Gas Muri Solid Waste Geothermal Small Hydro Conduit Hydro Solar PV Solar Thermal Wind Ocean/Tidal Fuel Cells
Generic Biomass	0	0	0	0	0	0	0	0	0	69,820	136,420	109,420	148,840	173,840	188,920	188,920	188,920	188,920	188,920			

**Minimum Contracting Requirement**  
 Starting in 2007, RPS-eligible LEAs must, in each calendar year, enter into long-term contracts and/or short-term contracts with new facilities for energy delivered equivalent to at least 0.25% of that LEA'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 of 05-028, R 06-02-012)

**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: Contract signed prior to 2007 or TRIC

**Contract Length / Type**  
 2010 short-term / new  
 2010 short-term / new  
 2010 long-term  
 2010 long-term  
 2011 short-term / new  
 2011 short-term / new  
 2011 long-term

**Contract Volume (MWh)**  
 83,281  
 8,281  
 220,000  
 225,000  
 11,918  
 57,911  
 1,300,000

With respect to projected RPS purchases, the Main Energy Authority (MEA) has contracted with Shell Energy North America (SENA) for progressively increasing quantity of RPS-qualifying renewable energy from renewable facilities of its choosing. For reporting purposes, the following detail for future purposes: ACTUAL RPS (RPS-SPECIFIC) QUANTITIES MAY VARY FROM RPS (AGGREGATE) QUANTITIES AS FURNISHED AT THE DISCRETION OF SENA, depending on the quantity of delivered RPS-qualifying energy.

**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 July 25, 2011 at San Rafael, California.

(Date)

(Name of city)



\_\_\_\_\_, Executive Officer

(Signature and Title of Corporate Officer)