#### 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 Name: Dawn Weisz

Title: Executive Officer

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San Rafael, CA 94901

# **RPS Compliance Report: Summary**

CCA Name	2010
***************************************	• • • • • • • • • • • • • • • • • • • •
[Date]	

RPS Summary Report	MWh	%
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.

RPS Eligible Procurement	MWh	%
Biomass	0	0.0%
Digester Gas	0	0.0%
Biodiesel	0	0.0%
Landfill Gas	18341	74.7%
Muni Solid Waste	0	0.0%
Biopower Subtotal	18,341	74.79
Geothermal	0	0.0%
Small Hydro	0	0.0%
Conduit Hydro	0	0.0%
Solar PV	0	0.09
Solar Thermal	0	0.0%
Wind	6,202	25.39
Ocean/Tidal	0	0.0%
Fuel Cells	0	0.0%
Total RPS Eligible Procurement	24,543	100.09

Flexible Compliance	MWh
IPT Deferral	0
Earmarking	0
Banked Procurement Applied	0
Total Flexible Compliance	0

Deficits and Penalties	2010
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)
	2001 Total CA Retail Sales	0
2	2001 CA RPS-Eligible Procurement	0
ſω	2005 Total CA Retail Sales	0
4	2005 Baseline Procurement Amount	0

Input Required Forecasted Data Actual Data

RPS Procurement and Targets (MWh) California Retail Sales	2003 N/A	2004 N/A	N/A	2006 N/A		2 <b>007</b> N/A	2008 N/A	2009 N/A	2010 91,219	2011 190,343	2012 490,782	2013 739,447	2014 741,998	2015 744,567	2016 747,154	2017 750,774	2018 753,501	2019 757,328	76
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	26
Annual Procurement Target (APT)	N/A	N/A	: N/A	N/A	1	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	1
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	518	724	545	765	
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	
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%	
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%	
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%	

						Actual													Forecas	t				
Flexible Compliance - IPT Deferral	2003	2	2004	2005	200	)6	2007	20	800	2009	. 20	10	2011	012	201	3	2014	20	15	2016	2017	2018	2019	202
Maximum Deficit Eligible for Deferral	: N/A	†	N/A	N/A	N/	Δ,	N/A	; N	/A	N/A	. N	/A :	0	0	0		0	. 0		0 :	0	0	0	
Deficit being Carried Forward to Year + 1	N/A		N/A :	N/A	0		0	C	) `````	0		)	0	0	0		0	0		0	0	0	0	
Deficit being Carried Forward to Year + 2	N/A		N/A	N/A	0		0	C	)	0	- 1	)	0	0	0		0	0		0	0	0	0	
Deficit being Carried Forward to Year + 3	N/A	1	N/A	N/A	. 0		0	C	)	0	- 1	) :	0	0 .	0		0	0		0 :	0	0	0	
Total Current Year Deficit Carried Forward	N/A		N/A	N/A	0		0	C	)	0		)	0	0 :	0		0	0		0	0	0	0	
Remaining Deficit from Year - 1 to Be Filled in Current Year	N/A		N/A	N/A	N/.	4	0		)	0	1 0	)	0	0	0		0	. 0		0	0	0	0	
Remaining Deficit from Year - 2 to Be Filled in Current Year	N/A		N/A	N/A	N/	Α :	N/A		)	0		)	0	0	0		0	. 0		0	0	0	0	
Remaining Deficit from Year - 3 to Be Filled in Current Year	N/A	1	N/A	N/A	N/	Α :	N/A	: N	/A	0		)	0	0	0		0	0		0	0	0	0	
Total Prior Year IPT Deficits That Must Be Filled This Year	N/A	1	N/A	N/A	N/	Ą	0	C	)	0	(	)	0	0	0		0	0		0	0	 0	0	
Current Year Surplus Procurement Applied to Year - 1 Deficit	N/A		N/A	N/A	N/	A .	0	C	)	0		)	0	0	0		0	0		0	0	0	0	
Current Year Surplus Procurement Applied to Year - 2 Deficit	N/A	1	N/A	N/A	N/	4	N/A	C	)	0		)	0	0	0		0	0		0	0	0	0	
Current Year Surplus Procurement Applied to Year - 3 Deficit	N/A	1	N/A	N/A	N/	A .	N/A	N.	/A	0		)	0	0	0		0	0		0	0	0	0	
Total Deliveries Applied to Prior Year IPT Deficits	N/A	1	N/A	N/A	N/	Ą	0	0	)	0	(	)	0	0	0		0	0		0	0	0	0	

	.88888					А	ctual												Forecas	st							
Flexible Compliance - Earmarking	200	3	2004	20	05	2006	20	07	2008	20	09	2010	2011	2012	2	2013	2014	20	)15	2016		2017	2	018	201	9	2020
Portion of Current Year Deficit Eligible for Earmarking	N/A	V :	N/A	. N	A	N/A	: N	Ά :	N/A	N.	Α :	N/A	 0	0		0	0	. (	0	0		0		0	0		0
Future Year Deliveries Earmarked from Year + 1	N/A	١	N/A	N/	Α	0	0		0	C		0	 0	0		0	 0	: (	0	0	:	0	:	0	0	:	N/A
Future Year Deliveries Earmarked from Year + 2	N/A		N/A	N/	A	0	. 0		0	C	1	0	0	0		0	0		0	0		0		0	N/A	١	N/A
Future Year Deliveries Earmarked from Year + 3	N/A	١	N/A	N/	A	0	0		0	C	1	0	 0	0		0	0	(	0	0		0		N/A	N/A	1	N/A
Total Projected Procurement Earmarked to Current Year	N/A	١	N/A	N/	A	0	0		0	C		0	0	0		0	0		0	0		0		0	0		0
Current Year Deliveries Earmarked to Year - 1	N/A	١ .	N/A	: N/	Α	N/A			0	C	) ;	0	0	0		0	0	- (	0	0		0		0	0		0
Current Year Deliveries Earmarked to Year - 2	N/A	<b>.</b>	N/A	N/	Α	N/A	N.	Α	0	C		0	 0	0		0	 0		0	0		0		0	0		0
Current Year Deliveries Earmarked to Year - 3	N/A	١	N/A	N/	A	N/A	N.	Ά :	N/A	C		0	0	0		0	 0	(	0	0		0		0	0		0
Total Deliveries Earmarked to Prior Year Earmarked Deficits	: N/A	١	N/A	N/	A	N/A	0		0	C	l	0	0	0		0	0	(	0	0		0		0	0		0

Surplus Procurement Bank	2003	2004	2005	Ac 2006	tual 2007	2008	2009	2010	2011	2012	2013	2014	2015	recast 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	. NUA			\$1/A			40.450	00.000	05.744	04.007	404 400	400 704	116.137	445 500	114.826	444.000
27 Adjusted Current Tear Admittal Curpius Trocurenteri		N/A	N/A	N/A	N/A	N/A	N/A	IN/A	13,456	38,622	65,744	84,307 188,673	101,180	103,721		115,592	740 129	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

						Actual													For	ecast						
Adjusted Deficit	21	003	2004	2005	2006		2007	20	800	2009	2010	20	111	2012	2	013	201	1	2015	20	16	2017	2018	2019	9	2020
39 Adjusted Annual Procurement Deficit		I/A	N/A	N/A	N/A		N/A	N	I/A	N/A	 N/A	C	)	0		0	0		0		) :	0	 0	0		0
40 Adjusted Deficit Deferred		//A	N/A	N/A	0		0		0	0	0	0	)	0		0	0		0	(	)	0	0	0		0
41 Potential Penalty	ħ.	/A	N/A	N/A	N/A		N/A	N	I/A	N/A	N/A															
42 Current Penalty (with flexible compliance)		/Δ	N/A	: N/A	N/A		N/A	. N	I/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
Forecasted Data
Actual Data

Marin Energy Authority 25-Jul-11

			Ac	tual							Fore	ecast				
Total Annual Earmarked Generation (MWh)	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
							N NAVAZANNA SANA SANA SANA SANA SANA SANA SAN									
Contract Name Contracted Generation	l _	1 -														
Eligible for [YEAR] deficit 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			1									1		
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											and the second					
Eligible for [YEAR] deficit 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				1						1				
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																
Eligible for [YEAR] deficit 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														
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							100									
Eligible for [YEAR] deficit 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														
Allocated to Year - 2	N/A	N/A	N/A													
Allocated to Year - 3	N/A	N/A	N/A	N/A	1							1			1	
Contract Name Contracted Generation																
Eligible for [YEAR] deficit Withdrawal from Current Year	1 0	1 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	1,,,,,	1,507		7,07												
Eligible for [YEAR] deficit 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							, i		l			i i		
Allocated to Year - 2	N/A	N/A	N/A								1					
Allocated to Year - 3	N/A	N/A	N/A	N/A												
Contract Name Contracted Generation	1977	19//3	NIA	NIA												
Eligible for [YEAR] deficit 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			1					1	1				
Allocated to Year - 2	N/A	N/A	N/A			1							3 2 3 3 3 3			
Allocated to Year - 3	N/A	N/A	N/A	N/A	1							1			1	
Contract Name Contracted Generation	N/A	IN/A	INA	IN/A												
	0	0	0		1 0	4	0	0	1 0			0	0		0	0
Eligible for [YEAR] deficit Withdrawal from Current Year		N/A	U	0		0			U	0	0		U	0	J	
Allocated to Year - 1	N/A				1	1									1	
Allocated to Year - 2	N/A	N/A	N/A	N1/A					1							
Allocated to Year - 3	N/A	N/A	N/A	N/A					<b>.</b>							
Contract Name Contracted Generation	1 .	1 .														
Eligible for [YEAR] deficit 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												0.00		
Allocated to Year - 2	N/A	N/A	N/A		1			1					1			
Allocated to Year - 3	N/A	N/A	N/A	N/A			1		1							
Contract Name Contracted Generation																
Eligible for [YEAR] deficit 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			1		1									
Allocated to Year - 2	N/A	N/A	N/A			1		1						1		1
Allocated to Year - 3	N/A	N/A	N/A	N/A		1			1						1	

RPS Compliance Report: Procurement Detail	Input Required Forecasted Data Actual Data	Marin Energy: Authority 25-Jul-11										
Procurement Surmary 2000.  Total QPD Engine Procurement 1 0 Short-Institution Regulation Proton Japprovid 0 Short-Institution Regulation Proton Japprovid 0 Annual Centractification State Regulationist 10 Annual Centractification State State Institution State Institution Control (Institution State Institution St	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Actual MVAN  2006 2007 2009  0 0 0  0	2009 2010 00 24,543 0 24,543 0 24,543 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2011 2011 51,525 130.7 51,525 76,33 0 0 04 104,000 104 104,000 10	8 213,633 8 77,213 0	2014 232,707 123,287 0 108,420	Forecast # 2015 2015 250,093 101,253 0 148,940	2016 253,152 2 79,312 0	2017 21 166.992 266 79.312 79 0 186.980 186	79,312	2629 266292 79,312 0 186,980	292 192 192 193 193 193 193 193 193 193 193 193 193
RPS-Eligible Procurement By Resource Type 2000 Borrows 9	504 2005 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2006 2007 2006 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2009 2010 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2011 2010 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 10 0	7 121,119 0 121,119 7 121,119 0 10,000 0 30,000	2014 0 0 0 94,119 94,119 0 10,000 10,000 70,734 0 57,854 0	0 15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 85,000 0 10,000 0 99,312	2812 28 28 28 28 28 28 28 28 28 28 28 28 28	0 000 05,000 0 000 10,000 012 99,312	3926 0 0 0 0 0 85,000 0 0 10,000 0 93,12 0 91,980 0	
Contract Detail 2000 Pre-2002 Contracts Burnams Generams Gener	2004 2005 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2007 0 2007 0 2000 0 0 0 0 0 0 0 0 0 0 0	2000 0000 0000 0000 0000 0000 0000 000	2011 201 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 2013 0	7014 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2015 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2015 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	201£ 24 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	18 2019 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2029	Contract Sables  Facility Status  Bitterium Contracting Registrates  Contract Sables  Facility Status  Bitterium Contracting Registrates  Contract Sables  Bitterium Contracting Registrates  B
2010 Costnacts Shell Every North America, MEA Phase 1 - Course Shell Every North America, MEA Phase 1 - Course Grant Every Course Shell Every Room America, MEA Phase 1 - Shell and So Every 19 Rood LLC - Har forded a sprift Short So Every 19 Rood LLC - Hard Every Course Shell Every Rood LLC - Garden Road Landle Shell Every Room America, LEP Phase 2 - CEC-Co Shell Every Room America, LEP Phase 2 - CEC-Co Shell Every Room America, LEP Phase 2 - Sig Hory Costnact Room Costnact C	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 24.542 0 15.341 0 6.202 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12,801 1,939 17,319 0 0 12,406 6,203 8,203 0 0 0	39.627 64.111 89.239 39.116 0 6 0 7 8426 12,500 10,963 12,500 16,731 13,09 0 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	29,119 1 0 1 0 1 12,500 1 12,500 4 59,168 1 3,152 4 15,232 1 40,734 0	38 977 13 977 3 0 12 100 12 100 12 100 52 275 52 163 5 801 54 312 0 0	25,000 0 0 12,500 12,500 54,312 0 54,312 0 54,312 0	25,000 0 0 0 12,000 12,000 12,000 12,500 54,312 0 0 54,312 0 0 0 186,980	25 000 25 0 0 0 0 1 12 0 12 00 12 5 12 000 12 5 13 12 54 3 0 0 54 312 54 3 0 0 185 990 186 9	1 12.50 1 12.50 1 12.50 2 54.31 1 54.31	Contract Stables Resource Type Landill Call 2010 Projection Project Stables Resource Type Contract Volume Project Stables Resource
Generic Dipensir Casi Generic Landrill Cas Generic Deutherman Generic Control Landrill Generic Control Landrill Generic Control Landrill Generic Control Landrill Generic Control Generic Control Servic Viva Generic Control Generic Landrill Ge	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0	9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 10,000 1 0 30,000	30,000 30,000 30,000 10,000 30,000 0,78,840 0,000 150,000 0	9 9 9,000 0 0 10,000 0 45,000 0 78,640 0 9 5 200,000	30,000 300,000 300,000 300,000 300,000 300,000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 10,00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Propedue renewable energy support, pending current or future renewable energy support pending current or future renewable energy sup
Contract Name	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	9 ( 9 ( 9 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	

# 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)