



**Marin Clean Energy  
Board of Directors Meeting  
Thursday, May 1, 2014  
7:00 P.M.**

**San Rafael Corporate Center, Tamalpais Room  
750 Lindero Street, San Rafael, CA 94901**

Dawn Weisz  
Executive Officer

Damon Connolly  
Chair  
City of San Rafael

Kathrin Sears  
Vice Chair  
County of Marin

Bob McCaskill  
City of Belvedere

Sloan C. Bailey  
Town of Corte Madera

Larry Bragman  
Town of Fairfax

Kevin Haroff  
City of Larkspur

Garry Lion  
City of Mill Valley

Denise Athas  
City of Novato

Tom Butt  
City of Richmond

Carla Small  
Town of Ross

Ford Greene  
Town of San Anselmo

Ray Withy  
City of Sausalito

Emmett O'Donnell  
Town of Tiburon

1 (888) 632-3674  
[mceCleanEnergy.org](http://mceCleanEnergy.org)

781 Lincoln Ave., #320  
San Rafael, CA 94901

**Agenda Page 1 of 2**

1. Board Announcements (Discussion)
2. Public Open Time (Discussion)
3. Report from Executive Officer (Discussion)
4. Consent Calendar (Discussion/Action)
  - C.1 4.3.14 Board Minutes
  - C.2 Monthly Budget Report
  - C.3 Approved Contract Update
  - C.4 MCE Position Transition from Extra Hire to Regular Hire
  - C.5 Amendment to Agreement with Windstream
5. Records Retention Adjustment (Discussion/Action)
6. Results of Membership Analysis for the Unincorporated County of Napa (Discussion)



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7. Power Purchase Agreement with Calpine Energy Services, L.P. for Renewable Energy Supply (Discussion)
8. Energy Efficiency Update (Discussion)
9. Communications Update (Discussion)
10. Regulatory and Legislative Update (Discussion)
11. Board Member & Staff Matters (Discussion)
12. Adjourn



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May 1, 2014

TO: Marin Clean Energy Board  
 FROM: Sarah Ritter, Administrative Associate  
 RE: Report on Approved Contracts (Agenda Item #4 – C.3)

Dear Board Members:

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**SUMMARY:**

On March 7, 2013 your Board adopted Resolution 2013-04 which authorized the Executive Officer to enter into and execute contracts for an amount not to exceed \$25,000 within a fiscal year consistent with the Board approved budget, the Joint Powers Agreement, and the Operating Rules and Regulations. The MCE Integrated Resource Plan (IRP) approved in November of 2012 further authorized the Executive Officer to enter into and execute medium term power purchase agreements for Energy, Capacity and RECs with terms greater than 12 months and less than or equal to 5 years.

The following chart summarizes contracts of this nature which have been entered into during the previous month:

Month	Purpose	Contractor	Maximum Contract Amount	Term of Contract
April	Tech. Support for MCE Online Opt Out Forms	CivicActions	\$8,000	1 Year
April	Spanish Translation Services	Elena Velez	\$15,000	1 Year
April	Legal Services Pertaining to Land Use Agreements	Shute, Mihaly & Weinberger LLP	\$10,000	1 Year
April	Wind & Solar (PCC3)	OneEnergy	\$1.36 2014 \$1.65 2015	2 Years
April	Geothermal Energy (PCC1)	Calpine	Index+ \$20	2 Years

**Recommendation:** Information only. No action required.



May 1, 2014

TO: Marin Clean Energy Board

FROM: Greg Brehm, Director of Power Resources

RE: Power Purchase Agreement with Calpine Energy Services, L.P.  
for Renewable Energy Supply (Agenda Item #7)

ATTACHMENT: Confirmation Letter Agreement with Calpine Energy Services L.P.  
for Renewable Energy Supply in 2014 & 2015.

Dear Board Members:

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**Overview:**

Through MCE's 2013 Open Season procurement process ("Open Season") for Renewable Energy ("RE"), MCE executed an Edison Electric Institute (EEI) Master Agreement and associated confirmation letters for local geothermal energy products with Calpine Energy Services ("Calpine"). Requisite transaction documents, including pertinent commercial terms addressing the various energy products to be purchased/sold by the parties, were presented to and discussed with the Ad Hoc Contracts Committee, which provided oversight and input throughout the Open Season process. The resultant executed agreements allowed for the addition of additional of future renewable and conventional energy products as needed to meet MCE's energy portfolio needs. Subsequent to the execution of the agreement, staff identified net short position for 2014 and 2015 because of under production in MCE's existing landfill gas contracts. As a result staff negotiated a short term, "as available" confirmation for 15,000 MWh in 2014 and 10,000 MWh in 2015. The attached confirmation reflects the intended terms and conditions of this proposed transaction accurately. This transaction supplements MCE's existing RE supply portfolio with a highly desirable, locally situated geothermal resource.

**Location & Project Viability:**

The Geysers facility is an existing complex of 15 geothermal power plants totaling 725 MW located approximately 40 miles north of San Rafael in Sonoma and Lake Counties. The Geysers geothermal field has been supplying commercial electric power since 1960. Because of existing RE supply agreements, only a portion of the Geysers generation can be supplied to MCE in 2014 & 2015 on an "as available" basis. As available resources from this type of thermal energy generation represent the excess capacity created when cooler than average temperature and weather conditions are present.

### **Portfolio Fit:**

The energy delivery profile associated with the Geysers is highly desirable due to its predictability and availability – as a geothermal generating unit, the Geysers is expected to deliver electric energy in a pattern that minimally fluctuates from hour to hour (throughout the year); this delivery profile substantially differs from other prominent RE technologies, such as solar and wind generation, which tend to demonstrate significant variability in hourly, daily and seasonal energy production. For planning purposes, integrating a geothermal generating resource in the MCE supply portfolio is relatively simple. Other portfolio benefits include the project's exceptionally low emission rate, and the developer's deep experience and strong track record in operating similar projects. Renewable energy volumes produced by the facility will complement MCE's existing RE and RA supply. The timing of deliveries will help replace the planned reduction in renewable energy deliveries under the Shell Energy North America (SENA) agreement. Additional information is provided below regarding the prospective counterparty.

### **Counterparty Strength:**

#### **Calpine Energy Services L.P. / GEYSERS**

- Calpine Energy Services, L.P. ("CES") and Geysers Power Company ("GPC") are both wholly owned subsidiaries of Calpine Corporation.
- Local offices in Dublin, CA, headquartered in Houston, Texas
- Calpine Corp. is rated B+ by S&P, and B1 by Moody's
- Calpine Corporation was founded in 1984, and is a major U.S. power company, capable of delivering more than 27,321 MW of clean, reliable and fuel-efficient electricity, with another 1,163 MW under construction.
- The company develops, constructs, owns and operates a modern and flexible fleet of low-carbon, renewable geothermal power plants as well as natural gas-fired fleet (***Natural Gas generation is not part of this contract***). Using advanced technologies, Calpine generates reliable and environmentally responsible electricity for its customers.



### **Contract Terms:**

Calpine is able to offer additional products and services which MCE may choose to utilize as it phases out its mid-term "full requirements" contract with SENA. Staff chose to use an industry standard contract, the Edison Electric Institute (EEI) Master Agreement and associated confirmation letters for each of the products under this contract to maximize contracting flexibility. MCE's standard PPA terms have been incorporated into the EEI agreement (through a cover sheet, which notes specific changes to the master

EEI agreement that will apply under this transaction and the confirmation agreements) to the extent possible and applicable.

The EEI master agreement was developed through industry-wide collaboration with the National Energy Marketers Association (and others) and is widely used in the electric utility industry as the contractual basis for various energy transactions. The agreement contains the essential terms that govern forward purchases and sales of wholesale electricity, and is the same agreement MCE used in contracting with SENA. Use of an industry-vetted Master Contract streamlines the process of establishing a trading relationship, provides credit provisions, standardizes product definitions, and allows counterparties to focus on the transaction's commercial elements, e.g., price, quantity, location, and duration.

As a result of the current negotiation process, Staff has negotiated mutually agreeable terms with Calpine to address the following item:

Short term (2014 & 2015) renewable energy confirmation – this agreement will provide MCE customers with necessary renewable energy, filling projected deficits that would otherwise occur during the 2014 & 2015 calendar years.

**Contract Overview:**

- Project: Existing Geothermal project  
Provides as available energy from the 725 MW facility with a 98% capacity factor
- Project location: Sonoma and Lake Counties, California
- Guaranteed commercial operation date: January 1, 2014
- Contract term: Short term 2014 and 2015.
- Delivery profile: as available
- Expected annual energy production: 15,000 MWhs in 2014 and 10,000 MWh in 2015 including all environmental attributes associated therewith
- Guaranteed energy production (97% of projected annual deliveries)
- Energy price: Index plus \$20, Calpine to net CAISO revenues prior to billing MCE
- No credit/collateral obligations for MCE

**Summary:**

The Geysers project is a good fit for MCE's resource portfolio based on the following considerations:

- The project size and expected energy production will support the future renewable energy requirements of MCE customers.
- Timing of initial energy deliveries under the agreement is aligned with planned reduction in renewable energy deliveries under SENA agreement.
- The project is being operated by an experienced team, which is currently supplying power from various projects to MCE and other multiple counterparties.
- The project is located within California and meets the highest value renewable portfolio standards category ("Bucket 1").
- The project is highly viable and has been producing power since 1960.  
from the project is competitively priced.

**Recommendation:** Information only. No Action Required.



**Calpine Energy Services, L.P.**  
717 Texas Avenue, Suite 1000  
Houston, Texas 77002  
(713) 830-8333  
Fax: (713) 830-8868

**CONFIRMATION LETTER**

**"CONFIDENTIALITY NOTICE: The information is intended only for the use of the individual or entity named below. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution, or taking of any action in reliance on the contents of this information is strictly prohibited. If you have received this transmission in error, please immediately notify us by telephone to arrange for return of the documents."**

Date: April 24, 2014  
To: Marin Energy Authority  
Attention: Confirmation Department  
Fax No.: (415) 459-8095  
From: Calpine Energy Services, L.P.  
Re: Calpine Deal Number:  
Calpine Agreement Number: CESLP-2.3.3-47390

The purpose of this Confirmation is to confirm the terms and conditions of the transaction (the "Transaction") agreed upon by Buyer and Seller as of the Trade Date specified below. This Confirmation supplements, forms a part of, and is subject to that certain Master Power Purchase and Sale Agreement dated July 11, 2013 between Buyer and Seller, as may have been previously amended (the "Master Agreement"). All provisions contained in or incorporated by reference in the Master Agreement will govern this Confirmation except as expressly modified herein. The Master Agreement shall be governed by the laws of the state governing the Master Agreement as therein set forth except with respect to matters relating to the California Renewable Portfolio Standard, which shall be governed by the law set forth in this Confirmation. Subject to any contrary provisions in the Master Agreement, in the event of any inconsistency between the provisions of the Master Agreement and this Confirmation, this Confirmation will prevail for the purpose of this Transaction.

**We confirm the following terms of our Transaction:**

Buyer	Marin Energy Authority ("Buyer")
Seller	Calpine Energy Services, L.P. ("Seller")
Product	The "Product" shall mean bundled energy (also referred to herein as "electricity") and its associated Green Attributes, including Renewable Energy Credits, produced by the Project on a unit firm basis during the Delivery Term.
Green Attributes	The Product shall include all Green Attributes associated with the energy.  "Green Attributes" means any and all credits,

	<p>benefits, emissions reductions, offsets, and allowances, howsoever entitled, attributable to the generation from the Project, and its avoided emission of pollutants. Green Attributes include but are not limited to Renewable Energy Credits, as well as:</p> <ol style="list-style-type: none"><li>(1) any avoided emission of pollutants to the air, soil or water such as sulfur oxides (SOx), nitrogen oxides (NOx), carbon monoxide (CO) and other pollutants;</li><li>(2) any avoided emissions of carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide, hydrofluorocarbons, perfluorocarbons, sulfur hexafluoride and other greenhouse gases (GHGs) that have been determined by the United Nations Intergovernmental Panel on Climate Change, or otherwise by law, to contribute to the actual or potential threat of altering the Earth's climate by trapping heat in the atmosphere<sup>1</sup>;</li><li>(3) the reporting rights to these avoided emissions, such as Green Tag Reporting Rights. Green Tag Reporting Rights are the right of a Green Tag Purchaser to report the ownership of accumulated Green Tags in compliance with federal or state law, if applicable, and to a federal or state agency or any other party at the Green Tag Purchaser's discretion, and include without limitation those Green Tag Reporting Rights accruing under Section 1605(b) of The Energy Policy Act of 1992 and any present or future federal, state, or local law, regulation or bill, and international or foreign emissions trading program. Green Tags are accumulated on a MWh basis and one Green Tag represents the Green Attributes associated with one (1) MWh of Energy.</li></ol> <p>Green Attributes do not include:</p> <ol style="list-style-type: none"><li>(i) any energy, capacity, reliability or other power attributes from the Project,</li><li>(ii) production tax credits associated with the construction or operation of the Project and other financial incentives in the form of credits, reductions, or allowances associated with the Project that are applicable to a state or federal income taxation obligation,</li><li>(iii) fuel-related subsidies or "tipping fees" that may be paid to Seller to accept certain fuels, or local subsidies received by the generator for the destruction of particular preexisting pollutants or the promotion of local environmental benefits, or (iv) emission reduction credits encumbered or used by</li></ol>
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	<p>the Project for compliance with local, state, or federal operating and/or air quality permits. If the Project is a biomass or biogas facility and Seller receives any tradable Green Attributes based on the greenhouse gas reduction benefits or other emission offsets attributed to its fuel usage, it shall provide Buyer with sufficient Green Attributes to ensure that there are zero net emissions associated with the production of electricity from the Project. [STC 2]</p> <p>(1) Avoided emissions may or may not have any value for GHG compliance purposes. Although avoided emissions are included in the list of Green Attributes, this inclusion does not create any right to use those avoided emissions to comply with any GHG regulatory program.</p>
<p>Project</p>	<p>The term "Project" shall mean the portion of the net generation delivered to the CAISO corresponding to the Contract Quantity of Product delivered to Buyer in accordance with the terms and conditions of this Confirmation from the renewable generation facilities specified in Schedule A, including any "pooled facilities" added to Schedule A in accordance with this Confirmation (the "Facilities"), in each case, (a) which has been certified by the California Energy Commission ("CEC") as an ERR, and (b) which has its first point of interconnection to the WECC transmission grid within the metered boundaries of a California balancing authority area.</p> <p>The Parties acknowledge and agree that the Project consists of the Facilities and that Seller will, in its sole discretion, utilize one or more of these Facilities in order to satisfy its obligations hereunder. Following the Effective Date, Seller may add facilities to Schedule A, provided that (a) each facility added is certified by the CEC as an ERR, (b) each facility added is identified in a written notice provided by Seller to Buyer at least one Business Day prior to such addition to Schedule A, and (c) for the purposes of this transaction, Seller shall only deliver Product to Buyer from an additional pooled facility that is generated on a date after the date that the additional facility is added to Schedule A.</p>
<p>Delivery Term</p>	<p>The "Delivery Term" shall be from the Effective Date through the earlier of (a) December 31, 2015 or (b) the date on which Seller has completed delivery of the maximum Contract Quantity of Product to Buyer pursuant to this Confirmation. Notwithstanding the</p>

	foregoing, RECs shall be delivered in accordance with the "RPS Category 1 Delivery Obligations" section below.
Contract Quantity	Subject to the "Delivery Periods" for each of the Facilities, "Contract quantity" shall be 25,000 MWh of Product.
Delivery Point(s)	Any one or combination of "Delivery Points" specified in Schedule A.
Contract Price	The "Contract Price" for each MWh of Product delivered to Buyer shall consist of the "Energy Price" (stated as \$/MWh) plus the "RPS Category 1 Energy Premium."
Energy Price	For each hour of the Delivery Term, the hourly weighted average of the Day Ahead Locational Marginal Prices as published by the CAISO for the Delivery Point(s).
RPS Category 1 Energy Premium	\$20.00 per REC
Settlement and Payment of Energy Price	<p>Seller shall invoice Buyer for the energy portion of the Product on a monthly basis as follows:</p> <p style="padding-left: 40px;">Energy Price multiplied by the quantity of energy delivered to Buyer in each hour of the invoiced month.</p> <p>The amount owed by Buyer for energy payment shall be reduced by the CAISO Credit on each month's invoice. The CAISO Credit reflects the CAISO energy revenues received by the Seller, on buyer's behalf when the energy component of the project is sold to CAISO. For purposes of this Confirmation, CAISO Credit shall be the Energy Price multiplied by the quantity of energy delivered in each hour of the invoiced month (denoted as a credit on Seller's invoice).</p>
Settlement and Payment of RPS Category 1 Premium	<p>Seller shall invoice Buyer for the Green Attributes portion of the Product on a monthly basis upon delivery of Green Attributes to Buyer's WREGIS Account as follows:</p> <p>RPS Category 1 Premium multiplied by the quantity of RECs delivered to Buyer in the invoiced month.</p> <p>Buyer shall pay Seller for the invoiced RECs within</p>

	<p>fifteen (15) days of Buyer's receipt of Seller's invoice. Title shall not pass to Buyer until Seller has received payment.</p> <p>The provisions in this Confirmation addressing Settlement and Payment of the Energy Price and the RPS Category 1 Premium are for administrative convenience only, and in no way shall modify the definition of Product.</p>
<p>Carbon Pricing</p>	<p>Neither Party shall be responsible to the other Party for any carbon related costs.</p>
<p>Credit</p>	<p>As per the terms of the Master Agreement.</p>
<p>Assignment</p>	<p>Neither Party shall assign this Agreement or its rights hereunder without the prior written consent of the other Party, which consent shall not be unreasonably withheld; provided, however, either Party may, without the consent of the other Party (and without relieving itself from liability hereunder), transfer, sell, pledge, encumber or assign this Agreement or the accounts, revenues or proceeds hereof to its financing providers and the financing provider(s) shall assume the payment and performance obligations provided under this Agreement with respect to the transferring Party provided, however, that in each such case, any such assignee shall agree in writing to be bound by the terms and conditions hereof and so long as the transferring Party delivers such tax and enforceability assurance as the non-transferring Party may reasonably request. [STC 16]</p>
<p>Governing Law</p>	<p>This agreement and the rights and duties of the parties hereunder shall be governed by and construed, enforced and performed in accordance with the laws of the state of California, without regard to principles of conflicts of law. [STC 17]</p>
<p>Representations and Warranties</p>	<p>Seller, and, if applicable, its successors, represents and warrants that throughout the Delivery Term of this Agreement that: (i) the Project qualifies and is certified by the CEC as an Eligible Renewable Energy Resource ("ERR") as such term is defined in Public Utilities Code Section 399.12 or Section 399.16; and (ii) the Project's output delivered to Buyer qualifies under the requirements of the California Renewables Portfolio Standard. To the extent a change in law occurs after execution of this</p>

	<p>Agreement that causes this representation and warranty to be materially false or misleading, it shall not be an Event of Default if Seller has used commercially reasonable efforts to comply with such change in law. [STC 6]</p> <p>Seller, and, if applicable, its successors, represents and warrants that, as of the date of execution of this Confirmation and as of the date on which Seller provides notice to Buyer of the addition of a pooled facility to Schedule A in accordance with this Confirmation, the Product delivered by Seller to Buyer meets the RPS compliance requirements for Category 1 as set forth in California Public Utilities Code Section 399.16(b)(1)(A) and California Public Utilities Commission ("CPUC") Decision 11-12-052 ("RPS Category 1").</p> <p>Seller, and, if applicable, its successors, represents and warrants that throughout the Delivery Term of this Agreement the Renewable Energy Credits transferred to Buyer conform to the definition and attributes required for compliance with the California Renewables Portfolio Standard, as set forth in California Public Utilities Commission Decision 08-08-028, and as may be modified by subsequent decision of the California Public Utilities Commission or by subsequent legislation. To the extent a change in law occurs after execution of this Agreement that causes this representation and warranty to be materially false or misleading, it shall not be an Event of Default if Seller has used commercially reasonable efforts to comply with such change in law. [STC REC -1]</p> <p>Seller hereby provides and conveys all Green Attributes associated with all electricity generation from the Project to Buyer as part of the Product being delivered. Seller represents and warrants that Seller holds the rights to all Green Attributes from the Project, and Seller agrees to convey and hereby conveys all such Green Attributes to Buyer as included in the delivery of the Product from the Project. [STC 2]</p> <p>For the purposes of STC REC-1 and STC 6 "Commercially reasonable efforts" shall not require Seller to expend more than \$5,000 in aggregate out-of-pocket costs and expenses to comply with such change in law.</p>
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	<p>Seller, and if applicable, its successors, represents and warrants to Buyer throughout the Delivery Term, that:</p> <ul style="list-style-type: none"> <li>(a) Seller has good and marketable title to the Product being sold and delivered to Buyer pursuant to this Agreement;</li> <li>(b) Seller has not sold separately or committed to any third party any of the Product being sold and delivered to Buyer pursuant to this Agreement;</li> <li>(c) the Green Attributes being sold and delivered to Buyer pursuant to this Agreement have not been sold or otherwise claimed by Seller or, to Seller's knowledge, any third party;</li> <li>(d) the Green Attributes being sold and delivered to Buyer pursuant to this Agreement have not been used to meet any federal, state or local renewable energy requirement, renewable energy procurement, renewable portfolio standard, or other renewable energy mandate by Seller or, to Seller's knowledge, any third party;</li> <li>(e) the Green Attributes being sold and delivered to Buyer pursuant to this Agreement are associated with generation from the Project during the Delivery Period;</li> <li>(f) The Project has its first point of interconnection to the WECC transmission grid within the metered boundaries of a California balancing authority area.</li> </ul>
<p>RPS Category 1 Delivery Obligations</p>	<p>Seller shall use the Western Renewable Energy Generation Information System (WREGIS) to transfer RECs to Buyer within 30 days of receipt of RECs in Seller's WREGIS account and in accordance with the terms and conditions of this Confirmation, provided that, in no event shall RECs be transferred that do not contain the California RPS Certification Number.</p> <p>Seller warrants that all necessary steps to allow the Renewable Energy Credits transferred to Buyer to be tracked in the Western Renewable Energy Generation Information System will be taken prior to the first delivery under the contract. [STC REC-2]</p> <p>Buyer warrants that all necessary steps to allow the Renewable Energy Credits transferred to Buyer to</p>

	<p>be tracked in the Western Renewable Energy Generation Information System will be taken prior to the first delivery under the contract.</p> <p>(a) For RECs not tracked in WREGIS due to circumstances beyond reasonable control of the Seller, Seller shall provide all necessary documentation in order for the CEC to assign California RPS eligibility to non-WREGIS RECs. Seller shall, at its sole expense, take all actions and execute all documents or instruments necessary to ensure that all WREGIS Certificates associated with all Renewable Energy Credits corresponding to all delivered electricity are issued and tracked for purposes of satisfying the requirements of the California Renewables Portfolio Standard and transferred in a timely manner to Buyer for Buyer's sole benefit.</p> <p>(b) Seller shall, at its sole expense, ensure that the WREGIS Certificates for a given calendar month correspond with the delivered electricity for such calendar month as evidenced by the Project's metered data during the Delivery Term.</p> <p>(c) For the term of the Agreement, Seller shall deliver and convey the Green Attributes as provided above by properly transferring WREGIS Certificates corresponding to such Green Attributes, using "Inter-Account" (as described in the WREGIS Operating Rules) from Seller's WREGIS account to Buyer's WREGIS account such that all right, title and interest in and to such WREGIS Certificates shall transfer from Seller to Buyer. Seller shall be responsible for all expenses associated with establishing and maintaining Seller's WREGIS Account.</p> <p>(d) Seller shall exercise commercially reasonable efforts to assist Buyer (or its affiliates) with Buyer's (or its affiliate's) RPS compliance filings which are directly related to this transaction, as may be necessary.</p>
<p>Definitions</p>	<p>(a) "MW" means megawatt.</p> <p>(b) "MWh" means megawatt-hour.</p> <p>(c) "RECs" or "Renewable Energy Credits" has the meaning set forth in the California Public</p>

Deal Number:

	<p>Utilities Code Section 399.12 and CPUC Decision 08-08-028, as may be amended or supplemented from time to time or as further defined or supplemented by law.</p> <p>(d) "RPS" or California Renewables Portfolio Standard" means the renewable energy program and policies established by Senate Bills 1038 and 1078 and 2 (1X) codified in California Public Utilities Code Sections 399.11 <i>et seq</i> and California Public Resources Code Sections 25740 through 25751, as such provisions are amended or supplemented from time to time.</p> <p>(e) "WECC" means the Western Electricity Coordinating Council.</p> <p>(f) "WREGIS" means the Western Renewable Energy Generation Information System or any successor renewable energy tracking program.</p> <p>(g) "WREGIS Certificate" means a "Certificate" as defined by WREGIS in the WREGIS Operating Rules and designated by law as eligible for complying with the California Renewables Portfolio Standard.</p> <p>(h) "WREGIS Operating Rules" means those operating rules and requirements adopted by WREGIS, as subsequently amended, supplemented or replaced from time to time.</p>
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**Calpine Energy Services, L.P.**

By: *[Signature]*

Name: Will Stokes

Title: VP Power Trading

Date: 4/24/14

**Marin Energy Authority**

By: \_\_\_\_\_

Name: Dawn Weisz

Title: Executive Officer

Date: \_\_\_\_\_

SK

**SCHEDULE A**

**(PROJECT)**

Facilities Comprising the Project as of the Effective Date

<b>Name of Facility</b>	<b>Delivery Point</b>	<b>CEC RPS ID</b>	<b>Delivery Period</b>	<b>Host Balancing Authority</b>
Aidlin Power Plant	POD_ADLIN_1_UNITS-APND	60115A	Full Delivery Term	CAISO
Bear Canyon Power Plant	POD_BEARCN_2_UNITS-APND	60112A	Full Delivery Term	CAISO
Sonoma Power Plant	POD_SMUDGO_7_UNIT 1-APND	60010A	Full Delivery Term	CAISO
West Ford Flat Power Plant	POD_WDFRDF_2_UNITS-APND	60114A	Full Delivery Term	CAISO
Geysers Units 5&6	POD_GYS5X6_7_UNITS-APND	60002A	Full Delivery Term	CAISO
Geysers Units 7&8	POD_GYS7X8_7_UNITS-APND	60003A	Full Delivery Term	CAISO
Geysers Unit 11	POD_GEYS11_7_UNIT11-APND	60025B	Full Delivery Term	CAISO
Geysers Unit 12	POD_GEYS12_7_UNIT12-APND	60004A	Full Delivery Term	CAISO
Geysers Unit 13	POD_GEYS13_7_UNIT13-APND	60005A	Full Delivery Term	CAISO
Geysers Unit 14	POD_GEYS14_7_UNIT14-APND	60026B	Full Delivery Term	CAISO
Geysers Unit 16	POD_GEYS16_7_UNIT16-APND	60006A	Full Delivery Term	CAISO
Geysers Unit 17	POD_GEYS17_7_UNIT17-APND	60007A	Full Delivery Term	CAISO
Geysers Unit 18	POD_GEYS18_7_UNIT18-APND	60008A	Full Delivery Term	CAISO
Calistoga Power Plant	POD_SANTFG_7_UNITS-APND	60117A	Full Delivery Term	CAISO
Geysers Unit 20	POD_GEYS20_7_UNIT20-APND	60009A	Full Delivery Term	CAISO

Pooled Facilities Added to Project After the Effective Date

<b>Name of Facility</b>	<b>Delivery Point</b>	<b>CEC RPS ID</b>	<b>Delivery Period</b>	<b>Host Balancing Authority</b>