



Open Season 2016

Please review the Open Season materials posted online:
<http://mcecleanenergy.org/energy-procurement/>.

Email any questions you may have during the Webinar to:
procurement@mcecleanenergy.org

December 10, 2015





Open Season 2016

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December 10, 2015



Agenda

- MCE Overview & Description of CCA Service Model
- Open Season Overview & Identification of Changes for 2016 Process
- Description of Requested Products & Key Requirements
- Proposal Evaluation
- Response Preparation & Additional Information
- Questions

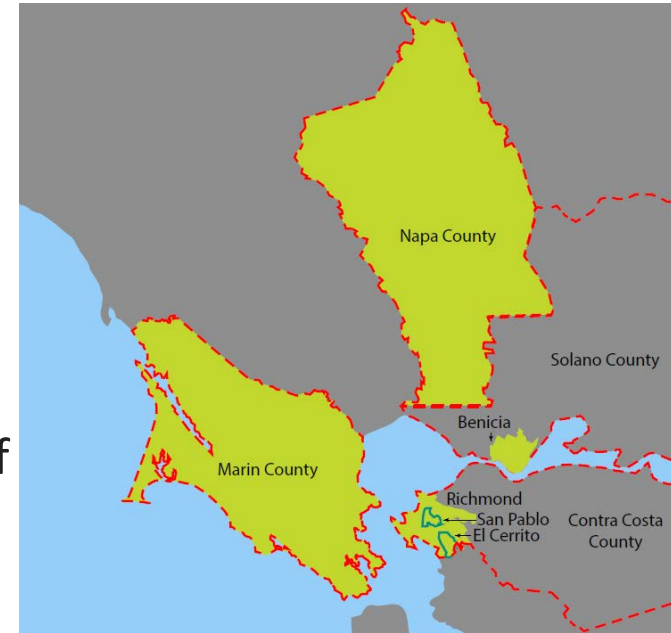


MCE Overview

Marin Clean Energy, California's first Community Choice Aggregator was formed in December 2008 and commenced service in May 2010

Current membership: All of Marin County including the 11 towns/cities located therein, the cities of Richmond, El Cerrito, and San Pablo in Contra Costa County, Unincorporated Napa County, and the City of Benicia in Solano County

≈170,000 customers; ≈1,800 GWh/year



Charter Goals/Objectives:

- Reduce GHG emissions through clean energy supply portfolio
- Increase RE supply with emphasis on local resource development

RE Procurement & Local Program Administration:

- Open Season (annual)
- Feed-In Tariff (ongoing- Participatory cap expected to be expanded to 15 MW; One 972 kW project currently delivering under contract, 6 projects in queue totaling 4.7 MW)



MCE – Service Model



MCE buying and building energy supplies

PG&E delivering energy, repairing lines, and serving customers

YOU benefitting from cleaner energy, stable costs, and local control

Customers receive one bill from PG&E:

MCE procures energy, replaces PG&E generation charges on customer bills

PG&E maintains Transmission and Distribution function and bills for such services



MCE Open Season – Purpose

- Additional RE purchases will be necessary to meet future demand of MCE customers:
 - MCE will continue to exceed the CA RPS standard
 - Minimum in-state delivery requirements increase from 50% to 85% (of total RE deliveries)
 - MCE aspires to maximize in-state renewable procurement, with an emphasis on Local projects, sited in or near MCE service territory
 - MCE transition to 100% autonomous supply portfolio in 2018
- MCE and RE project developers/marketers benefit from a standardized procurement process with clearly defined requirements
- Ongoing procurement, consistent with annual Integrated Resource Plan:
 - Cost stability
 - Cost minimization
 - Technological diversity
 - Supplier diversity



MCE Open Season – Changes for 2016

- MCE is increasing renewable energy purchases with the goal of supplying Light Green customers with 80 percent renewable energy by 2025.
- MCE will incrementally increase its overall carbon-free energy content to 95 percent of all customer energy deliveries.
- MCE’s voluntary 100 percent renewable energy Deep Green service option, will consist of primarily bundled RE products.
- MCE is advancing the its current Open Season process, initiating requests for offers in December, 2015 (rather than February, 2016).
- Offers for requested products must be received by the following dates:

<u>Product</u>	<u>Offers Due</u>
PCC1 (“Bucket 1”) deliveries in 2016	Monday, January 11, 2016
Carbon-Free Energy: deliveries in 2016	Monday, January 11, 2016
PCC1 (“Bucket 1”) deliveries in 2018	Tuesday, March 1, 2016
PCC3 (“Bucket 3”) deliveries in 2016	Tuesday, March 1, 2016
PCC2 (“Bucket 2”) deliveries in 2016	Monday, May 2, 2016



MCE Open Season Highlights

MCE is requesting four specific products in the 2016 Open Season:

- Portfolio Content Category 1 (“Bucket 1”) eligible renewable energy
- Portfolio Content Category 2 (“Bucket 2”) eligible renewable energy
- Portfolio Content Category 3 (“Bucket 3”) eligible renewable energy
- Carbon-free energy supply (hydroelectric)

MCE will require selected respondent(s) to submit a Shortlist Deposit of \$3.00 per kilowatt upon their acceptance of shortlisting status (*only applicable for new projects not yet online*).

MCE will not accept/discuss contract changes that impose additional credit requirements on the Authority or its Members. Any request for such a change after shortlisting will result in supplier disqualification and forfeiture of any shortlist deposit.



MCE Open Season – Requested Products

RPS Qualified Products:

Marin Clean Energy Resource Balance										
Dec-15										
*RPS open positions are based on MCE's internal renewable procurement targets, which exceed state-wide mandates										
	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
Energy Requirements (GWh)										
Retail Load	1,857	1,870	1,884	1,897	1,911	1,924	1,938	1,951	1,965	1,969
Renewables Open Position (GWh)										
Portfolio Content Category 1	45	31	44	425	473	515	563	610	658	705
Portfolio Content Category 2	188	254	268	283	299	314	328	343	357	371
Portfolio Content Category 3	58	58	58	58	58	58	58	58	58	58
Total Renewables Open Position (GWh)	290	342	370	766	829	887	949	1,011	1,072	1,134

Carbon free supply (typically sourced from hydroelectric generators located within California or the Pacific Northwest).

Marin Clean Energy Resource Balance										
Dec-15										
	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
Energy Requirements (GWh)										
Retail Load	1,857	1,870	1,884	1,897	1,911	1,924	1,938	1,951	1,965	1,969
Additional Carbon Free Open Position (GWh)	80	51	206	215	223	232	240	249	257	264

Questions? Comments?

Email your questions to:

procurement@mcecleanenergy.org



MCE Evaluation of Responses

Projects will be ranked based upon the following criteria:

- Project location & local benefits, i.e. local hiring & prevailing wages
- Interconnection status, queue position & RA deliverability status
- Siting, zoning, permitting status
- Price
- Resource type & proposed product, i.e. PCC1, PCC2, etc.
- Qualifications of project team
- Demonstrated experience w/ Union Labor and Project Labor Agreements
- Environmental impacts & related mitigation requirements
- Financing plan & financial stability of project owner/developer
- Acceptance of MCE's standard contract terms
- Development milestone schedule

Project proponents with multiple sites and/or project configurations are encouraged to limit submittals by identifying the “best matched” opportunities for MCE. Such determinations should be made in consideration of the aforementioned criteria.



MCE PCC 1 Resource Location Preference

Includes Counties of:

Marin

Sonoma

Napa

Contra Costa

San Francisco

Alameda

Solano

Sacramento

San Mateo

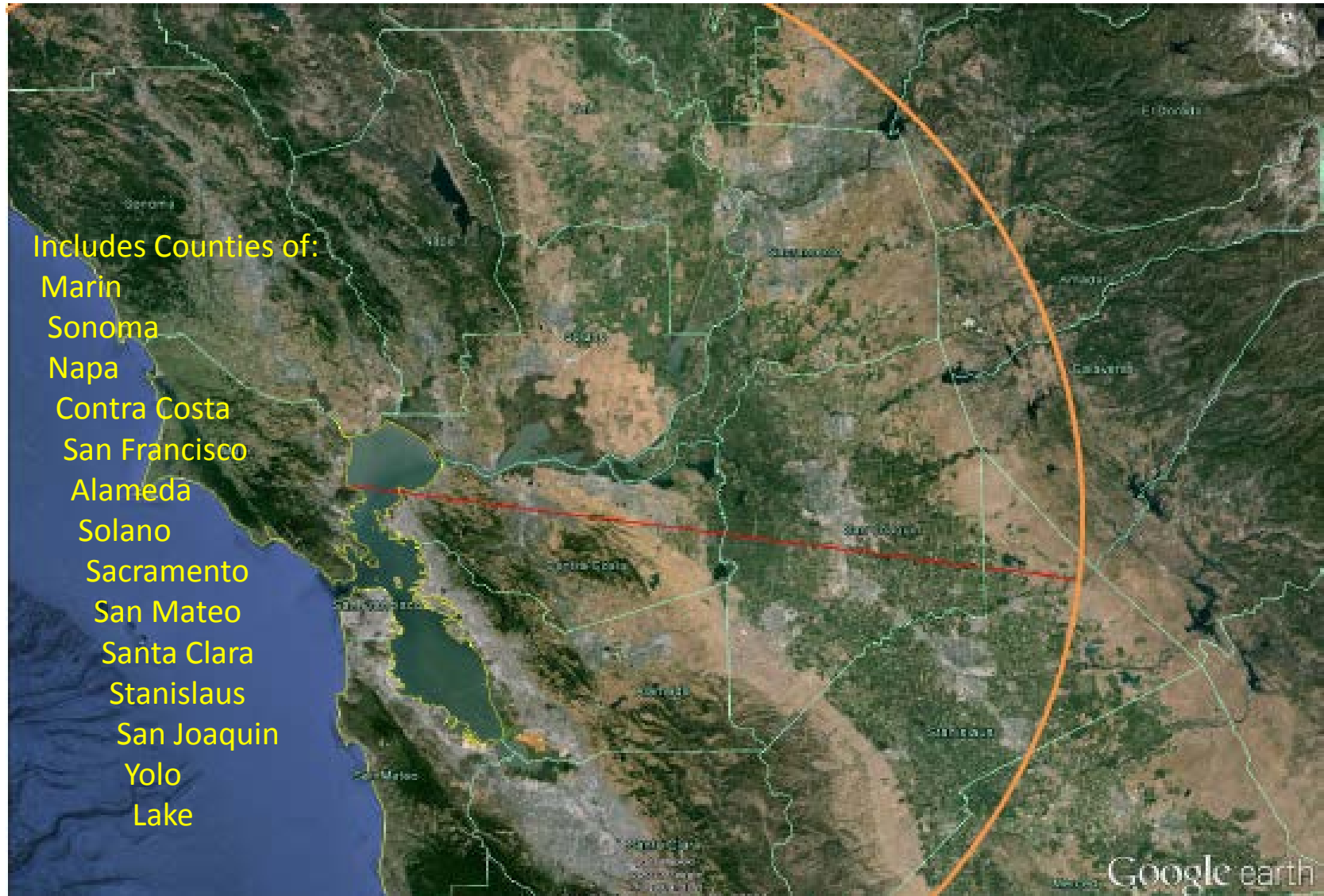
Santa Clara

Stanislaus

San Joaquin

Yolo

Lake



MCE Open Season – PCC 1 for 2016

Key Requirements: Product: PCC1-eligible; in-state (only NP15 POIs)

Preference given to resources located in proximity to Marin County & the Greater Bay Area Local Resource Area

- Minimum capacity: 1 MW AC
- Annual energy limitations:

Delivery Year	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
GWh	45	31	44	425	473	515	563	610	658	705

Initial date of delivery: No sooner than January 1, 2016

- Term of agreement: Not less than 1 year; not more than 25 years
- Pricing:
 - 1) Index Plus REC Premium – A single fixed REC premium for each MWh of electric energy delivered from the proposed resource plus the hourly day-ahead market clearing price per MWh. (required)
 - 2) Single, flat price/MWh throughout contract term (voluntary)
 - 3) Alternative pricing options (voluntary)



MCE Open Season – PCC 1 for 2019

Key Requirements: Product: PCC1-eligible; in-state (only NP15 POIs)
w/preference given to resources located in proximity to Marin County
/ Greater Bay Area Local Resource Area

- Minimum capacity: 1 MW AC
- Annual energy limitations:

Delivery Year	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
GWh	425	473	515	563	610	658	705	705	705	705

Initial date of delivery: No sooner than October 31, 2018

- Term of agreement: Not less than 2 years; not more than 25 years
- Pricing:
 - 1) Single, flat price/MWh throughout contract term (required)
 - 2) Index Plus REC Premium – A single fixed REC premium for each MWh of electric energy delivered from the proposed resource plus the hourly day-ahead market clearing price per MWh. (voluntary)
 - 3) Alternative pricing options (voluntary)



MCE Open Season – PCC 2

Key Requirements:

- Product: PCC2-eligible; WECC-located, preference to resources located in proximity to California, Substitute Energy exclusion for coal or nuclear fuels.
- Annual energy limitations:

Delivery Year	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
GWh	188	254	268	283	299	314	328	343	357	371

- Initial date of delivery: No sooner than Jan 1, 2016
- Term of agreement: Not less than 1 year; not more than 3 years
- Pricing:
 - 1) Index Plus REC Premium – A single fixed REC premium for each MWh of electric energy delivered from the proposed resource plus the hourly day-ahead market clearing price per MWh. (required)
 - 2) single, flat price/MWh throughout contract term (required)
 - 3) alternative pricing options (voluntary)



MCE Open Season – PCC 3

Key Requirements:

- Product: PCC3-eligible; WECC-located, preference to resources located in proximity to California, Substitute Energy exclusion for coal or nuclear fuels.
- Annual energy limitations:

Delivery Year	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
GWh	58	58	58	58	58	58	58	58	58	58

- Initial date of delivery: No sooner than Jan 1, 2016
- Term of agreement: Not less than 1 year; not more than 3 years
- Pricing:
 - 1) Index Plus REC Premium – A single fixed REC premium for each MWh of electric energy delivered from the proposed resource plus the hourly day-ahead market clearing price per MWh. (required)
 - 2) single, flat price/MWh throughout contract term (required)
 - 3) alternative pricing options (voluntary)



MCE Open Season – Carbon Free

Key Requirements:

- **Product: Carbon Free;** WECC-located w/preference given to resources located in proximity to California/Marin County
- Minimum capacity: 1 MW AC
- Annual energy limitations:

Delivery Year	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
GWh	80	51	206	215	223	232	240	249	257	264

- Initial date of delivery: No sooner than Jan 1, 2016
- Term of agreement: Not less than 1 year; not more than 3 years
- Pricing:
 - 1) single, flat price/MWh throughout contract term (required)
 - 2) alternative pricing options (voluntary)
- Point of delivery: NP15 trading hub (per CAISO)



MCE Open Season – Response Prep

- Only electronic submittals will be accepted
- Respondents must use designated response templates (available online):
- *Information provided in template must be complete*
- *Only one product per response template tab (copy worksheet to new tab for additional product proposals)*
- *Include supporting documents i.e., use permits, interconnection agreements, site control, development references, financing plan*
- *Any proposed PPA contract changes must be submitted (as attachment to response), (redlines after shortlisting is grounds for disqualification/rejection)*
- Questions: Procurement@mceCleanEnergy.org



MCE Open Season – Response Prep

- **Email Responses due no later than 5:00 P.M. (Pacific) on Monday, Jan 11**
 - PCC1 (“Bucket 1”) deliveries commencing in 2016
 - Carbon-Free Energy: deliveries commencing in 2016
- **Email Responses due no later than 5:00 P.M. (Pacific) on Tuesday, March 1**
 - PCC1 (“Bucket 1”) deliveries commencing in 2018
 - PCC3 (“Bucket 3”) deliveries commencing in 2016
- **Email Responses due no later than 5:00 P.M. (Pacific) on Monday, May 2**
 - PCC2 (“Bucket 2”) deliveries commencing in 2016
- **Questions: Procurement@mceCleanEnergy.org**



MCE Open Season – Additional Information

Anticipated schedule:

Responses due per schedule on previous slide

- Response evaluation and supplier interviews: 30 days of offer receipt
- Short-list & Contract negotiation: 60 to 90 days of offer receipt

Administration:

- Questions: procurement@mceCleanEnergy.org
- MCE website: <http://mcecleanenergy.org/>
- MCE procurement website: <http://mcecleanenergy.org/energy-procurement/>
- Download overview, response templates and form PPA
 - Stay informed regarding process and document updates, schedule changes, etc.



Questions? Comments?

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procurement@mcecleanenergy.org

