Marin Energy Authority
Executive Committee Meeting
Wednesday, January 16, 2013
9:00 A.M.

Marine Energy Authority Offices
781 Lincoln Avenue, Suite 300 San Rafael, CA 94901

Agenda – Page 1 of 1

1. Board Announcements (Discussion)
2. Public Open Time (Discussion)
3. Report from Executive Officer (Discussion)
4. Richmond Community Engagement (Discussion)
5. Communications Update (Discussion)
6. Energy Efficiency Update (Discussion)
7. Regulatory Update (Discussion)
8. Proposed Revisions to Contracting Authority for MEA Non-Power Supply Contracts (Discussion)
9. Addendum to Agreement with Noble Energy Solutions (Discussion)
10. Review Draft Agenda for 2.7.13 Board meeting (Discussion)

11. Board Member & Staff Matters (Discussion)

12. Adjourn
MCE Richmond: Strategic Community Outreach

Alex DiGiorgio
Community Affairs Representative
MCE Richmond: Community Outreach

I. Intro: Alex DiGiorgio, J.D.

II. MCE Richmond: Community Profile

III. APCO & Initial Community Outreach Activities

IV. Sustainable Development Program Opportunities

V. Questions?
Context & Orientation

- Pop: 105,000 (2011)
  = electric customers: 30,000 ↦ ~1/3 increase to MCE customer base

Linguistic Demographics:

- 55.8% - English
- 29.3% - Spanish
- 10% - Asian & Pacific Islander
- 3.7% - other Indo-European
- 1.2% - other
¡Tenemos que hablar Español!

- Spanish outreach: community orgs, churches, businesses, events, etc.
- Spanish website & communications material
- Spanish Glossary of Terms

Other Languages:

- Chinese – 4%
- Tagalog (Filipino) – 3.4%
- Laotian – 1.6%
- Vietnamese – 0.7%

¡Viva la VERDE FUERTE!

Richmond’s Environmental & Health Initiatives Event
MCE Richmond: Community Profile

Sustainable Development, Public Health & Environmental Awareness:

- **#1 in Bay Area: solar watts per capita (2010)**
- Sustainable Contra Costa Award (2010)
- **Lawrence Berkeley National Laboratories (LBNL)**
- California Endowment’s Building Healthy Communities (BHC)
- **RichmondBUILD; employment development academy**
- Richmond Greenway Project
- Urban Agriculture projects
APCO Findings: Priority Issues & Opportunities

1) **Governance** – Ratepayer values align with MCE’s structure and mission
   • APCO: “*Just learning about who MCE is—is by far the most important component of MCE’s reputation in Richmond.*”

2) **Choice** – Ratepayers now have the opportunity to choose their electricity provider, and influence their energy generating sources

3) **Rates** – Rate transparency is key
   CARE and Medical Baseline Allowance

4) **Community Engagement** – local employment; ratepayer revenues can be reinvested in community development projects

A Richmond Solar Installation
<table>
<thead>
<tr>
<th>Date</th>
<th>Deliverable</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/1/2012</td>
<td>Confer w/Communities for a Better Environment</td>
<td>Completed</td>
</tr>
<tr>
<td>10/13/2012</td>
<td>Richmond Home Front Festival</td>
<td>Completed</td>
</tr>
<tr>
<td>10/24/2012</td>
<td><strong>Community Outreach Database</strong></td>
<td>Ongoing</td>
</tr>
<tr>
<td>11/20/2012</td>
<td><strong>Presentation: Richmond City Council</strong></td>
<td>Completed</td>
</tr>
<tr>
<td>12/5/2012</td>
<td>Community outreach meeting w/Richmond CMO</td>
<td>Completed</td>
</tr>
<tr>
<td>12/7-12/18</td>
<td><strong>Meet w/individual Richmond Councilmembers</strong></td>
<td>In Progress</td>
</tr>
<tr>
<td>12/2012</td>
<td><strong>Richmond Community Leader Advisory Committee (RCLAC)</strong></td>
<td>Ongoing</td>
</tr>
<tr>
<td>12/2012</td>
<td>Richmond Neighborhood Coordinating Council (RNCC)</td>
<td>In Progress</td>
</tr>
<tr>
<td>TBD</td>
<td><strong>Town Hall Community Meeting (coordinate w/mailers)</strong></td>
<td>In Progress</td>
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</table>
### Initial Community Outreach Activities

<table>
<thead>
<tr>
<th>Date</th>
<th>Deliverable</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>12/2013</td>
<td><strong>MCE Richmond website &amp; collateral materials</strong></td>
<td>In Progress</td>
</tr>
<tr>
<td>1/21/2013</td>
<td><strong>MLK Day of Service</strong></td>
<td>In Progress</td>
</tr>
<tr>
<td>1/28/2013</td>
<td><strong>Presentation: Laurel Park NCC</strong></td>
<td>In Progress</td>
</tr>
<tr>
<td>2/13-8/13</td>
<td><strong>Presentations: NCCs; churches; schools, community based orgs (CBOs), etc.</strong></td>
<td>In Progress</td>
</tr>
<tr>
<td>3/13-9/13</td>
<td><strong>Presentations: Richmond Business Forums</strong></td>
<td>TBD</td>
</tr>
<tr>
<td>5/5/2013</td>
<td><strong>Cinco de Mayo Festival</strong></td>
<td>In Progress</td>
</tr>
<tr>
<td>6/13/2013</td>
<td>Juneteenth Festival</td>
<td>TBD</td>
</tr>
<tr>
<td>7/4/2013</td>
<td>4(^{th}) of July Festival</td>
<td>TBD</td>
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</tbody>
</table>
MCE Richmond Enrollment & Opt Out Notices

**Deliverables**
- Richmond Homefront Festival
- City Council Presentation
- City Staff Outreach Coordination Meeting
- Neighborhood Council Meetings
- Advisory Committee Meetings
- Town Hall Meeting #1
- Community Based Organizations Presentations
- Town Hall Meeting #2
- Cinco de Mayo Festival
- Juneteenth Festival
- July 4th Festival

**Events**
- MLK Day of Service

**Meetings & Presentations**
- Communities for a Better Environment
- City Council Presentation
- City Staff Outreach Coordination Meeting
- Neighborhood Council Meetings
- Advisory Committee Meetings
- Town Hall Meeting #1
- Community Based Organizations Presentations
- Town Hall Meeting #2
Sustainable Development Program Opportunities

**Energy Efficiency (EE)**
- Rebates for multi-family & small commercial in Richmond (2013)
  - local installation jobs
  - local homeowner savings
  - reduced emissions

- Opportunities for Richmond BUILD

**Deep Green/Verde Fuerte**
- “MCE: 100% Renewable” product label
  - added value for local commercial enterprises
- EE *On Bill Repayment* available to MCE customers
  - incentive for early DG enrollment

48.4% of buildings in Richmond built before 1960
Sustainable Development Program Opportunities

**Feed-In Tariff (FIT)**
- Many large rooftops & available lots

**Net Energy Metering (NEM)**
- Large commercial & industrial customers

Rooftop real estate in Richmond

Bay Area Bev. Co. – 500 kW
Richmond, CA
Questions?
MCE is a public, not-for-profit electricity provider that offers an affordable choice for greener, non-polluting energy.

By choosing MCE as your electricity provider, you can help reduce greenhouse gas emissions and support new in-state and local renewable energy generation. Choosing MCE is easy. As required by California state law, MCE is an opt-out program, meaning you will be enrolled as an MCE customer unless you choose PG&E’s energy supply.

When customers choose MCE, PG&E continues to deliver the electricity and maintain the power lines as they always have. PG&E will also continue to read your meter, issue monthly bills and provide the same maintenance and repair services. The difference is that with MCE you can choose to purchase 50 to 100% of your electricity from clean, renewable sources such as solar, wind, water and biomass – that’s compared to 20% from PG&E.

If you live in the MCE service area – which includes Marin County and the City of Richmond, you have 3 choices for your power supply.
Cleaner energy for our community. Your choice.

**MCE’s Light Green 50% renewable energy** offers more than twice the amount of renewable energy available from PG&E. Light Green is MCE’s default service for automatic enrollment.

**MCE’s Deep Green 100% renewable energy** allows customers to purchase all of their power from renewable sources. Deep Green is a voluntary program – electric customers in Marin and Richmond can sign up today. It’s one of the most important actions any of us can take to significantly reduce our environmental impact.

Customers may also choose to opt out and purchase PG&E’s energy supply.

Ultimately, the choice is yours. We’re happy to honor your choice and we’ll send you three notices before enrollment and two after enrollment with instructions for how to opt out. Customers who are already enrolled in MCE can request to opt out and receive PG&E’s energy supply at any time.

To choose Deep Green, call 1-888-632-3674 or visit mcecleanenergy.com/dg-enroll.

Kenji, Lynn, and Ryder Hirabayashi
Deep Green Customers, San Anselmo
MCE has a long-term goal of procuring 100% renewable power for all of our customers. Today, most of the power supply comes from clean, renewable sources such as solar, wind, biomass, and water from California, Oregon, and Washington State.

MCE partners with a variety of energy suppliers to ensure we have a sufficient supply of clean and affordable energy for our customers. As of December 2012, MCE has long-term contracts with 11 different supplies for 14 different power projects.

Join MCE to make a difference in your community. Together we can reduce greenhouse gas emissions, improve the environment, and boost our local economy.

### MCE POWER CONTENT LABEL

<table>
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<tr>
<th>ENERGY RESOURCES</th>
<th>2011 LIGHT GREEN POWER MIX</th>
<th>2011 DEEP GREEN POWER MIX</th>
<th>2011 CA POWER MIX (For Comparison)</th>
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<tr>
<td>Eligible Renewable:</td>
<td>33%</td>
<td>100%</td>
<td>15%</td>
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<tr>
<td>- Biomass &amp; waste</td>
<td>24%</td>
<td>0%</td>
<td>2%</td>
</tr>
<tr>
<td>- Geothermal</td>
<td>0%</td>
<td>0%</td>
<td>5%</td>
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<tr>
<td>- Small hydroelectric</td>
<td>0%</td>
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<tr>
<td>- Solar</td>
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<td>31%</td>
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<td>Natural Gas</td>
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<tr>
<td>Nuclear</td>
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<tr>
<td>Other</td>
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<td>0%</td>
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<tr>
<td>System Power*</td>
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<td>0%</td>
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<tr>
<td>TOTAL</td>
<td>100%</td>
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</table>

* For more info on system power, visit [www.energyalmanac.ca.gov/electricity/total_system_power.html](http://www.energyalmanac.ca.gov/electricity/total_system_power.html).
MCE currently has more than 70 megawatts (MW) of new California clean energy under development for our customers – this includes 66 MW of solar and 8 MW of biogas – enough clean energy to power approximately 24,000 homes per year. And we’re committed to increasing the percentage of local, regional and in-state renewable energy we buy as it becomes more cost-competitive to do so.

In 2012, MCE partnered with local businesses to build the largest solar project in Marin County at the San Rafael Airport. It provides enough energy to power nearly 300 homes for an entire year and up to 1,200 homes during peak energy production, when the sun is shining the brightest.

Construction at the San Rafael Airport solar project launched in July 2012 and was completed in October 2012.
Clean Energy. Competitive Rates.

Stable and Affordable Rates — And No Duplicate Charges

When you choose MCE, you can count on stable and affordable rates for clean energy. Our rates are set locally by MCE’s Board of Directors, which seeks input from the community at public meetings before any rate changes go into effect.

MCE replaces PG&E’s charge for the procurement of energy, called generation. You’ll see a separate page in your PG&E bill reflecting MCE’s charges. Because PG&E continues to provide other electric services, like the transmission and delivery of energy, our customers will see charges from both MCE and PG&E but for different services. There are no duplicate charges.

Choose MCE & Give Back to Your Community

When you choose MCE not only are you helping the environment, you are helping your community. That’s because MCE re-invests a portion of ratepayer dollars to fund local projects and programs, such as the San Rafael Airport solar project and the installation of electric vehicle charging stations. We also support local organizations such as the Marin Agricultural Land Trust and Bay Area Rescue Mission Richmond through sponsorships and donations.
Discounted rate programmes like CARE (California Alternative Rates for Energy) and Medical Baseline Allowance are available to MCE customers. The same discount is applied regardless of enrollment with MCE or PG&E. Customers enrolled in MCE will continue to receive their full discounts.

Learn more at www.mcecleanenergy.com/rates.

Cost Comparison - January 1, 2013 rates

<table>
<thead>
<tr>
<th>Residential</th>
<th>MCE Light Green</th>
<th>PG&amp;E</th>
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<tbody>
<tr>
<td></td>
<td>$37.26</td>
<td>$41.74</td>
</tr>
<tr>
<td></td>
<td>$44.26</td>
<td>$44.26</td>
</tr>
<tr>
<td></td>
<td>$3.56</td>
<td>$0</td>
</tr>
<tr>
<td>Total Cost</td>
<td>$82.56</td>
<td>$86.00</td>
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The enclosed insert includes a comparison of MCE and PG&E electric costs. This cost comparison is subject to change.
Questions or Comments? We’d love to hear from you!
Let us know if you’d like to schedule a presentation about MCE for your organization.

CALL US
1-888-632-3674
Monday – Friday
7 A.M. – 7 P.M.*

EMAIL US
info@MCEcleanEnergy.com

VISIT OUR WEBSITE
MCEcleanEnergy.com

WRITE US
MCE
781 Lincoln Avenue, Suite 300
San Rafael, CA 94901

twitter.com/MCEcleanEnergy
facebook.com/MCEcleanEnergy

*During enrollment periods, customer service representatives are available 24 hours a day, 7 days a week.
As of January 1, 2013, MCE residential customers will pay less for MCE’s 50% renewable energy as compared to PG&E’s 20% renewable energy. The average residential customer can expect to save $1.69 each month by choosing MCE*. Find out exactly how much you will pay for electricity from MCE by using our rate calculator at www.mcecleanenergy.com/rates.

* This cost comparison is for an MCE Res-1 (PG&E equivalent E-1) customer using 540 kilowatt-hours of electricity per month. 540 kilowatt-hours of electricity is the average monthly usage for Marin and Richmond residents.
## Cost Comparison – January 1, 2013 rates

<table>
<thead>
<tr>
<th></th>
<th>MCE Light Green (50% Renewable)</th>
<th>PG&amp;E (20% Renewable)</th>
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</thead>
<tbody>
<tr>
<td><strong>Residential Electric Fees</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Generation</td>
<td>$37.26</td>
<td>$42.57</td>
</tr>
<tr>
<td>PG&amp;E Electric Fees (all customers)</td>
<td>$51.45</td>
<td>$51.45</td>
</tr>
<tr>
<td>PG&amp;E Exit Fees (MCE customers)</td>
<td>$3.62</td>
<td>$0</td>
</tr>
<tr>
<td><strong>Total Cost</strong></td>
<td><strong>$92.33</strong></td>
<td><strong>$94.02</strong></td>
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</table>
MEA’s Web Platform

January 8, 2013
MEAs consumers need help cutting through a complex utility challenge

Consumers face a highly complex optimization problem...

(hundreds of incentives, multiple utilities, complex utility price schemes, and many more factors)

...they are not equipped to address it...

- **Lack Skills**: Don’t know how to figure it out (tech/econ)
- **Lack Time / Effort**: It takes a lot of time to figure it out
- **Avoid Uncertainty**: Unsure efforts will actually pay back
- **Avoid Capital Costs**: Many initiatives risk large outlays

...so they postpone action – usually indefinitely.
MEA’s web-tool will maximize consumer gains with the minimum investment

Conceptual View of Correct Marginal Price Exploitation

<table>
<thead>
<tr>
<th>Tier 1</th>
<th>Tier 2</th>
<th>Tier 3</th>
<th>Tier 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Behavioral (infinite RoI)</td>
<td>Efficiency (high RoI)</td>
<td>Generation (positive RoI)</td>
<td>Price of electricity</td>
</tr>
<tr>
<td>smart grid</td>
<td>retrofit</td>
<td>solar PV</td>
<td>price of electricity</td>
</tr>
</tbody>
</table>

Electricity Consumption (kWh per Day)

Electricity Price (dollars per kWh)

• Keep Cheap Power (remaining measures have negative RoIs)

Agenda Item #6: Energy Efficiency - Web Platform
With simple, quick, maximized answers more consumers take more demand-reducing action.

Conceptual Illustration of Economic Optimization

**Annual Energy-Related Spending ($000s)**

- Fuel savings
- Equip & Installation
- Financing costs

**Key (average annual):**

- Consumer gain maximized here

Actual optimization incorporates:
- Time/longevity (initial ‘life’ of subject measure)
- Multiple action types; behavior, efficiency, generation
- Multiple utility services; energy (electricity, gas, propane, oil, wood) and water
- Multiple complex pricing schemes
- Unique incentives; rebates, tax incentives, etc.
- Unique energy, equipment and implementation characteristics
- Unique costs; equipment, installation, etc.
MEA is working with PlanetEcosystems at the CEC to leverage this new technology state-wide

Example: Economics Algorithm Being Reviewed by CEC

Annual Energy-Related Spending

Maximize Savings From rising energy prices

Minimize Investment Including finance costs

- Net Financing Payment (SCEIP or bank repayments)
- Your New Energy Bill (PG&E or equiv.)
- Tax Credit
- Your Energy Bill Without Action
In fact, the tool maximizes consumer outcomes for most types of consumer objectives (wants/needs)
PlanetEcosystems is building tools for the MEA engagement

- Single-Family: In production
- Multi-Family: Launch January 2013
- Small Commercial: Launch Q2 2013
PlanetEcosystems Energy Action Plans: Significantly more accurate

Traditional Approach

- Based on theoretical usage
  - Typical usage for home with similar square footage, weather, etc.
  - Limited to just electricity or electricity / gas

- Limited view of opportunities
  - Generally only behavior and/or efficiency

- Calculates simplified economics
  - Utilizes average cost of energy
  - Compares pricing plans (but not savings opportunities within plan types)
  - Ignores tax incentives
  - Table looks-ups for energy equipment costs

PlanetEcosystems Approach

- Based on actual usage
  - Reflects actual consumption and situation
  - Multiple/all utility services; energy (electricity, gas, propane, oil, wood) and water

- Integrates across all opportunities
  - Multiple action types:
    - Behavior (incl. load shift, DR, …)
    - Efficiency retrofits (incl. smart home)
    - Generation retrofits

- Simplifies complex economic tradeoffs
  - Multiple complex pricing schemes
  - Unique incentives; rebates, tax incentives
  - Unique energy, equipment and implementation characteristics
  - Time/longevity (initial ‘life’ of subject measure)
  - Unique costs; equipment, installation, etc.
Engagement Activities (PEI & MEA Partners)

- **Student Programs (7-12)**
  - Engaging students with drop ship, class-room program, PEI Tools
  - Single Family, Multi Family
  - Consumer Optimizer, Social - Competition, Compare

- **In-home diagnostic visits**
  - Extended in-home diagnostic visits by Advanced Energy Advocates
  - Single Family
  - Pro Optimizer

- **Door to door canvassing by Energy Advocates**
  - Energy Advocates assist consumers capture the benefits of undertaking demand reduction measures.
  - Single Family
  - Consumer & Pro Optimizer

- **Customized demand reduction messaging to each customer**
  - Outbound Mailers with Energy Reports & related communications
  - All Sub Programs
  - Campaign Optimizer

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**Direct Engagement**

We estimate you could save a net $34,736 on your utility bills!

Dear Ms. Swanson,

Our analysis of utility demand history and public property information at 2300 Sunhill Drive, Davis, CA 94332 indicates that you may be able to save, net of any costs, approximately $34,736 over the next 25 years.
The web solution is a one-stop shop for consumer energy management.
Contact Info

Jeff Rouser
360.265.9627
jeffrouser@planetecosystems.com

Steve Malloy
415.517.3752
stevemalloy@planetecosystems.com

Rory Jones
650.218.4000
roryjones@planetecosystems.com
PlanetEcosystems Inc. (PEI) and Marin Energy Authority (MEA) are exploring a partnership over the 2013 – 2014 Efficiency Funding cycle to deliver action-oriented information to MEA constituents. PEI will deliver an integrated outreach campaign that reaches consumers through door-to-door canvassing, community outreach, and school based programs. The services offered by PlanetEcosystems fall into three categories:

**Web Portal Services**: Web services and tools supporting all four MEA energy efficiency sub-programs; single family, multifamily, small commercial, and finance sub-programs.

**Single Family Energy Awareness Activities**: Activity, technology and management to develop awareness and motivate consumers to action in the single family sector, through different program strategies.

**Energy Awareness and Outreach Support Activities for Multifamily, Small Commercial, and Finance**: Limited outreach engagement activities supporting MEA’s multifamily, small commercial, and finance sub-programs.

**Web Portal Services**
MEA will license with PEI for access to the powerful web tool developed in part based on experiences from Sonoma County’s Energy Independence Program. The software platform includes web portals specific to customer type, including administrative dashboards for program managers and administrators.

For a consumer, the web portal will provide recommendations for energy improvements via an online energy assessment tool. This energy assessment tool, the *utility performance optimizer*, draws on information from local county assessor data as well as historical utility consumption information to make specific recommendations to the user. Unlike other web based tools, the PEI tool allows a user to optimize the recommended improvement measures based on user defined values, such as economic savings or health and comfort. The user will then be provided access and information on applicable rebate and incentive programs and qualified service providers to facilitate the conversion from information to action.

Administrative portals allow program officials to track projects as they move through the process, from application to rebate issuance. The portal will also provide a venue for tracking program information, information needed to comply with CPUC reporting and evaluation, monitoring, and verification requirements.

See Attachment 1 for a more detailed explanation of the web portals and associated tools that collectively comprise the PEI software product.

**Single Family Energy Awareness Campaign**
PEI will train canvassing teams on the technology platform. Door-to-door canvassing by Energy Advisors (EAs), equipped with utility system optimizer technology on tablets, to...
specific neighborhoods and households (based on their pre-estimated demand reduction potential). EAs will direct residents to the consumer based web portal to further empower them to take action. Certain high energy users may be targeted for extended in-home ‘diagnostic’ visits by Advanced EAs (AEAs), also equipped with the PEI energy assessment tool on tablets. Likely sub-contract partners include Rising Sun and/or Resilient Neighborhoods.

**School Based Campaigns**
PEI will work with local partners to engage Grade 7-12 students in the Marin County and City of Richmond public school systems with a curriculum designed to work with PEI’s web tool and educate and energize students and teachers alike. The students will utilize PEI’s ‘Consumer Tool’ to generate Action Plans in a program developed with teachers. The tool includes social features for classroom and can facilitate intra-school competitions.

**Target Outreach Pilot Program**
Drawing on an outreach campaign strategy that has achieved significant results elsewhere in the country, PEI will develop targeted outreach, either through direct mailers or through electronic mail, to inform selected customers how their energy use compares to that of their neighbors. This limited pilot will be followed up with market research, including focus groups, to determine the impact and receptiveness of this approach in the Marin County and City of Richmond communities. If the results prove promising, this targeted outreach campaign could become a larger part of the PEI activities in the 2014 program.

**Energy Awareness and Outreach Support Activities for Multifamily, Small Commercial, and Finance**
PEI will also provide web-portal and certain outreach services in support of MEA’s multifamily, small commercial and finance sub-programs. PEI has been working with MEA to further develop the existing software platform so it will be compatible with multifamily residents. PEI and MEA will also work together to determine the right level of customization to better serve small commercial customers. Finally, PEI will build on the successful financial tools they have developed with the County of Sonoma to support MEA’s growing portfolio of financing options for energy efficiency customers. Ideally, the PEI tool will allow a customer to view different financial options and compare and contrast to select and apply for the best financial product for the energy efficiency project in mind.
Attachment 1  
Web Portal Technology Components

**Web Portals**

**Consumer Portal:** An integrated set of tools accessible by MEA customers. This portal provides consumers with the following tools, described subsequently below; a Utility System Optimizer to assist with easy system management and reconfiguration planning; several Marketplace and other tools that enable action by connecting customers to qualified service and equipment vendors, financing, and applicable incentives; and Consumer Relationship tools utilizing social networking and other mechanisms to engage consumers and develop ongoing relationships with them.

**Contractor Portal:** A set of tools accessible to approved MEA EEP service providers, such as contractors, auditors, Energy Advisors, etc., to promote a consistent and efficient provision of service to consumers. With these tools, contractors and others will have the ability to securely upload company/other material, manage their MEA-related consumer obligations, and even receive information sent by consumers.

**Program Administration:** MEA program staff will have secure access to on-line tools to administer the MEA EEP. Administrative tools and services include securely accessed custom and ad-hoc reporting, dashboard, analytic tools, and a content management system that provides for information updates and database maintenance.

**Site Management and Operations:** PEI provides management and operations activities for the web portal technology platform. This includes website hosting by PEI; security, data management, software and system updates, technical support, and related services.

**Key Web Portal Tools**

The following suite of tools is made available through the web portals described above, and are designed to provide a consistent service across all stakeholders (consumers, vendors, program administrators, etc).

**Utility System Optimizers:** As outlined above, these tools prescribe the optimal actions for each consumer, allowing them to capture the most from their utility systems according to their wants and needs. Versions of this technology are manifested in three tools utilized within the web portals described previously:

- **Campaign Optimizer:** This tool is used to compile mass-customized outbound messaging to engage consumers; note that all messaging will be developed with full participation and approval of MEA management and marketing. This tool utilizes consumption and other information to remotely derive utility system optimization plans for each consumer engaged; the output information,
comprising the likely most attractive outcome for each consumer, is utilized in outbound engagement messaging.

Consumer Optimizer: Pre-filled with each consumer’s estimated information, this short, quick tool is available to every consumer to develop optimized action plans, together with the estimated net upside for each consumer to motivate action. This tool is available on the web, and may be used on a tablet.

‘Pro’ Optimizer: Designed for professionals, such as auditors, contractors, and skilled consumers, this tool’s more detailed review of consumer utility systems is very effective for consumers with ‘big-ticket’ opportunities; in-person advice provides elevated consumer reassurance and confidence.

Service Provider Marketplaces: Connects consumers with service vendors; this tool can refer any consumer to any qualified service provider (HVAC, electrician, etc.), passing along relevant information, bids and scheduling as requested by the consumer. The tool also includes features that allow narrowing down referrals to providers that are relevant to each consumer’s plans.

Finance Provider Marketplaces: Helps consumer find financing; choosing between types and vendors (bank, equity credit, PACE, OBF, etc.); passing along information as requested, and includes features that allow a narrowing down to financing that is relevant to the consumer’s plans.

Equipment Provider Marketplaces: Connects consumers with vendors of equipment; the tool also includes features that allow narrowing down to equipment and providers that are relevant to each consumer’s plans.

Rebate and Incentive Tools: Helps find incentives and rebates; includes features that allow a narrowing down to those that are relevant to each consumer’s plans. Automatic rebate and incentive submissions conducted where system capability may be readily set up.

Social Competition & Gaming: Engaging social network-based tools and features that leverage known gamification techniques to bring consumers to the program and motivate action.

Consumer Management Tools: Functionality that helps consumers get a better understanding of their utility bills, manage their projects and goals, and develop a trusted relationship with MEA over the web. Key functions include alerts (highlighting new gains/opportunities, changes in utility status, pricing, etc. and other changes), bill analysis and insights and other functions.
# REVISIONS TO EXECUTIVE OFFICER CONTRACTING AUTHORITY

<table>
<thead>
<tr>
<th>Revision</th>
<th>Current (Resolution 2010-05A)</th>
<th>Proposed (Resolution 2013-XX)</th>
<th>Comments/Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title</td>
<td>Interim Director</td>
<td>Executive Officer</td>
<td></td>
</tr>
<tr>
<td>Contracting Authority</td>
<td>$20,000</td>
<td>$40,000</td>
<td>MMWD contracting authority for General Manager is $56,275. (See MMWD Code Section 2.90.120)</td>
</tr>
<tr>
<td>Timeframe of Authority</td>
<td>n/a</td>
<td>Per fiscal year</td>
<td>Current authority is a “lifetime” cap of $20,000 on a specific scope of work; this would allow for several contracts to be entered into with a specific contractor so long as the scope of work is different.</td>
</tr>
<tr>
<td>Authority Basis</td>
<td>Per specific scope of work</td>
<td>Per specific contractor</td>
<td>Creates greater cost control for board on a per contractor basis; better fits MEA operations.</td>
</tr>
<tr>
<td>Rescission</td>
<td>n/a</td>
<td>Rescinds Resolution 2010-05A</td>
<td></td>
</tr>
</tbody>
</table>
Marin Energy Authority
Board Meeting
Thursday, February 7, 2013
7:00 PM

San Rafael Corporate Center, Tamalpais Room
750 Lindaro Street San Rafael, CA 94901

Draft 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 12.12.12 Board Meeting Minutes
   C.2 Monthly Budget Report
   C.3 Third Agreement – Katie Gaier Contract
   C.4 Records Retention

5. Communications Update (Discussion)

6. Richmond Community Engagement (Discussion)

7. Amendment to River City Bank Credit Agreement (Discussion)

8. Introduction of Proposed Budget for FY14 (Discussion/Action)

Agenda material can be inspected in the Marin County Sheriff's lobby, located at 3501 Civic Center Drive, San Rafael, CA 94903. The meeting facilities are in accessible locations. If you are a person with a disability and require this document in an alternate format (example: Braille, Large Print, Audiotape, CD-ROM), you may request it by using the contact information below. If you require accommodation (example: ASL Interpreter, reader, note taker) to participate in any MEA program, service or activity, you may request an accommodation by calling (415) 464-6021 (voice) or 711 for the California Relay Service or by e-mail at sgardner@marinenergy.com not less than four work days in advance of the event.
9. Introduction of Proposed Rates for FY14 (Discussion/Action)

10. Addendum to Agreement with Noble Energy Solutions (Discussion)

11. Proposed Revisions to Signing Authority for MEA Non-Power Supply Contracts (Discussion/Action)

12. Energy Efficiency Update (Discussion)

13. Regulatory Update (Discussion)

14. Adjourn