Community Power Coalition

2nd 2017 meeting
May 5, 2017
The Community Power Coalition is a collective powerhouse of advocates working on sustainability, environmental justice, and low-income issues.

Formed in 2014, we are focused on the interests of underrepresented and historically marginalized constituencies through collaborations with our local partners and open dialogue with our communities.
Our mission is to:

• Expand access to affordable renewable energy & energy efficiency programs;
• Advance equitable, local sustainable workforce & economic development;
• Accelerate the transition to a cleaner & more efficient energy economy; and
• Build & develop inclusive programs and policies for all MCE communities.
2016 Coalition Survey results

Most important actions for CCAs to support disadvantaged communities:

1. Provide energy efficiency and solar rebates
2. Lower electricity rates (e.g., lower generation rates, reduce PCIA)
3. Local development of renewable energy projects
Report on Survey priorities:
-- Energize Richmond Campaign
-- GRID rebates and NEM cash-out
-- 3.7% rate reduction
-- Freethy Ribbon Cutting
-- Local Sol Ribbon Cutting
-- Solar One Labor Plan
-- Workforce Development
-- Community Outreach 2017, so far
-- Deep Green Communities
-- 100 for 100
-- $1.75 M CEC Grant
-- News from Contra Costa County

Guest speakers:
-- Michelle Nochisaki presenting on GHHI
-- 350 Marin presenting on Environmental Forum of Marin

Master Class #43

Other Updates?
1. Provide energy efficiency and solar rebates

2016: San Pablo Small Biz Canvassing:
2 days. 38 businesses.
29 receive info. 8 complete audit.
1. Provide energy efficiency and solar rebates

2017: Energize Richmond Campaign
4 days. 85 businesses.
64% free energy audits. 58% ESL.
1. Provide energy efficiency and solar rebates

2012-2017: MCE has allocated $115,000 for low-income solar rebates in partnership with GRID Alternatives
1. Provide energy efficiency and solar rebates

2016: MCE customers earned $1M+
2017: Expect MCE customers earn $1.2M+
1. Provide energy efficiency and solar rebates
2. Lower electricity rates (e.g., lower generation rates, reduce PCIA)

MCE Board reduces rates by 3.7% in April 2017. Follows 9% reduction from September 2016.
1. Provide energy efficiency and solar rebates
2. Lower electricity rates (e.g., lower generation rates, reduce PCIA)

IOUs proposing PAM to replace PCIA.

CalCCA opposes because PAM:
- Undermines CCA procurement autonomy (allows allocation of REC and RA attributes);
- Doesn’t fix PCIA issues (transparency, certainty);
- Increases complexities of true stranded costs;
- Allows market manipulation to artificially inflate CCA costs;
- Eliminates incentive for IOUs to resell long-term contracts intact (more revenue than on spot market)
1. Provide energy efficiency and solar rebates
2. Lower electricity rates (e.g., lower generation rates, reduce PCIA)
3. Local development of renewable energy projects

2MW of new solar at Freethy Industrial Park, 26 jobs. RichmondBUILD. $550,000 yearly revenue. 600 homes per year.
1. Provide energy efficiency and solar rebates
2. Lower electricity rates (e.g., lower generation rates, reduce PCIA)
3. Local development of renewable energy projects

1MW of new solar at abandoned Cooley Quarry. Novato. Local Sol. 17 jobs. GHG impact ~remove 56 cars/one year.
1. Provide energy efficiency and solar rebates
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3. Local development of renewable energy projects

10.5MW Solar One, Richmond BUILD. Q4 2017. Chevron brownfield. 341 jobs. Minimum 50% local labor. Expected 60% union labor.
1. Provide energy efficiency and solar rebates
2. Lower electricity rates (e.g., lower generation rates, reduce PCIA)
3. Local development of renewable energy projects

RichmondBUILD students on Solar One site
MCE Workforce Dev contracts:
MCCDC ~$240,000; Rising Sun ~$140,000; RichmondBUILD ~$100,000
1. Provide energy efficiency and solar rebates
2. Lower electricity rates (e.g., lower generation rates, reduce PCIA)
3. Local development of renewable energy projects
4. Other

2016: 264 events attended
2017: 90 events attended or scheduled... and counting!
1. Provide energy efficiency and solar rebates
2. Lower electricity rates (e.g., lower generation rates, reduce PCIA)
3. Local development of renewable energy projects
4. Other

Deep Green Novato, Corte Madera, and Larkspur! ½ of premium for local renewable development fund.
1. Provide energy efficiency and solar rebates
2. Lower electricity rates (e.g., lower generation rates, reduce PCIA)
3. Local development of renewable energy projects
4. Other

Encouraging Deep Green to celebrate El Cerrito’s Centennial Celebration
MCE received **CEC grant of $1.75 million** for an innovative, scalable DER pilot to broadly deploy EE, carbon-free DER, local RE integration & low-cost solutions toward our goal of 100% carbon free electricity by 2025.

Technology includes high-efficiency heat-pump water heaters, LED lighting, energy storage, solar, insulation upgrades, methane gas capture/anaerobic digestion, EV charging, and more.

Project to be piloted in 300+ unit multi-family property in Richmond, the Novato Sanitation District, and a Sanitary Service company location in San Rafael.

1. Provide energy efficiency and solar rebates
2. Lower electricity rates (e.g., lower generation rates, reduce PCIA)
3. Local development of renewable energy projects
4. Other
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2. Lower electricity rates (e.g., lower generation rates, reduce PCIA)
3. Local development of renewable energy projects
4. Other

Moraga, Danville, Contra Costa County vote to join MCE!
Recommended: Concord, Pittsburg
DeWayne’s Story: The “Traditional” Case Study + GHHI’s Transition

DeWayne Davis, age 8, suffered from asthma caused by his unhealthy, energy-inefficient home which was full of asthma triggers.

Old carpets = allergens

Water leaks = mold hazards

Deteriorated windows = air leaks

Broken hot water heater & furnace

Defective gutters = water leaks

Chipping paint = lead hazard

Broken tile = safety hazard

Broken ducts = higher heating bills

www.ghhi.org

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(Old) Service Delivery System
The GHHI Model: Align ➔ Braid ➔ Coordinate

- Lead Hazard Reduction
- Asthma Trigger Control
- Fall/Injury Prevention
- Energy Efficiency
- Weatherization

- Single Intake System
- Comprehensive Assessment
- Coordinated Services
- Integrated Interventions
- Cross-Trained Workers
- Shared Data
DeWayne’s Story

- Interventions in DeWayne’s home cost 25% less ($12k vs $16k)
- DeWayne hasn’t been hospitalized for an asthma related visit
- DeWayne’s school attendance has improved
- The family’s monthly heating bills have been decreased

- Remove old carpets
- Replace broken gutters
- Remediate mold, install dehumidifier
- Stabilize chipping paint
- Install Energy Star windows
- Resurface uneven floors
- Install furnace & hot water heater
- Seal ducts, blow insulation

HUD (HHDP)
Philanthropy
DOE (WAP)
The Opportunity for Green & Healthy

- 9M families live in unhealthy homes
- 14M missed days of school each year
- 14M missed days of work each year

Low income families spend 14-20% of monthly income spent on utilities

VS.

3.5% in all other homes

-$43B+ already spent on lead poisoning

-$51B+ already spent on asthma

-$19B+ already spent on slip & fall injuries
The Model’s Outcomes

509K+ units made green & healthy in partnership with HUD

Backed by data from university studies in
• Baltimore, MD
• Philadelphia, PA
• Cleveland, OH

Reductions in:

- Doctor Visits
- ER Visits
- Hospital Visits
- Albuterol Pump
- Missed School
- Missed Work
- Cost to Programs

Reductions in:

509K+ units made green & healthy in partnership with HUD

Backed by data from university studies in
• Baltimore, MD
• Philadelphia, PA
• Cleveland, OH
The Opportunity for GHHI Marin County

Marin Community Foundation

The Buck Family Fund of MCF

Independent Living

Resource Conservation

Home Rehabilitation

Community Action Marin
Update from 350 Marin
Any other updates?
Additional Slides
Opt Outs as of 3/30/17

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Contra Costa Communities Considering MCE

Oakley Citizen’s Advisory Committee – March 14
Endorsed MCE’s Community Outreach Efforts as “exemplary”

City of Concord – April 13
Policy Development & Internal Operations Committee recommend joining MCE

City of Pittsburg – April 19
Power Company Subcommittee recommend joining MCE

Town Council of Moraga – April 26
3-1 vote to join MCE!

Contra Costa Board of Supervisors – May 2
4-1 vote to join MCE!

Town Council of Danville – May 2
5-0 vote to join MCE!
Regular Members
Visiting Members