



# 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





# Agenda



## 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 GHFI
- 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)
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1MW of new solar at abandoned Cooley Quarry. Novato. Local Sol. 17 jobs. GHG impact ~remove 56 cars/one year.

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10.5MW Solar One, RichmondBUILD.  
Q4 2017. Chevron brownfield. 341 jobs.  
Minimum 50% local labor.  
Expected 60% union labor.

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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
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3. Local development of renewable energy projects
4. Other



2016: 264 events attended  
2017: 90 events attended or scheduled...  
and counting!



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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
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4. Other



**100** | **100**  
PERCENT | YEARS

Celebrate our 100<sup>th</sup> with 100% renewable energy

Encouraging **Deep Green** to celebrate  
El Cerrito's Centennial Celebration

1. Provide energy efficiency and solar rebates
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4. Other

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.

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Moraga, Danville, Contra Costa County  
vote to join MCE!  
Recommended: Concord, Pittsburg





[www.GreenHealthyHomesMarin.org](http://www.GreenHealthyHomesMarin.org)

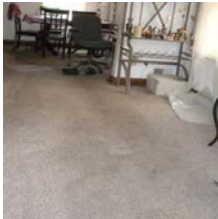


# DeWayne's Story: The "Traditional" Case Study + GHHI's Transition

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

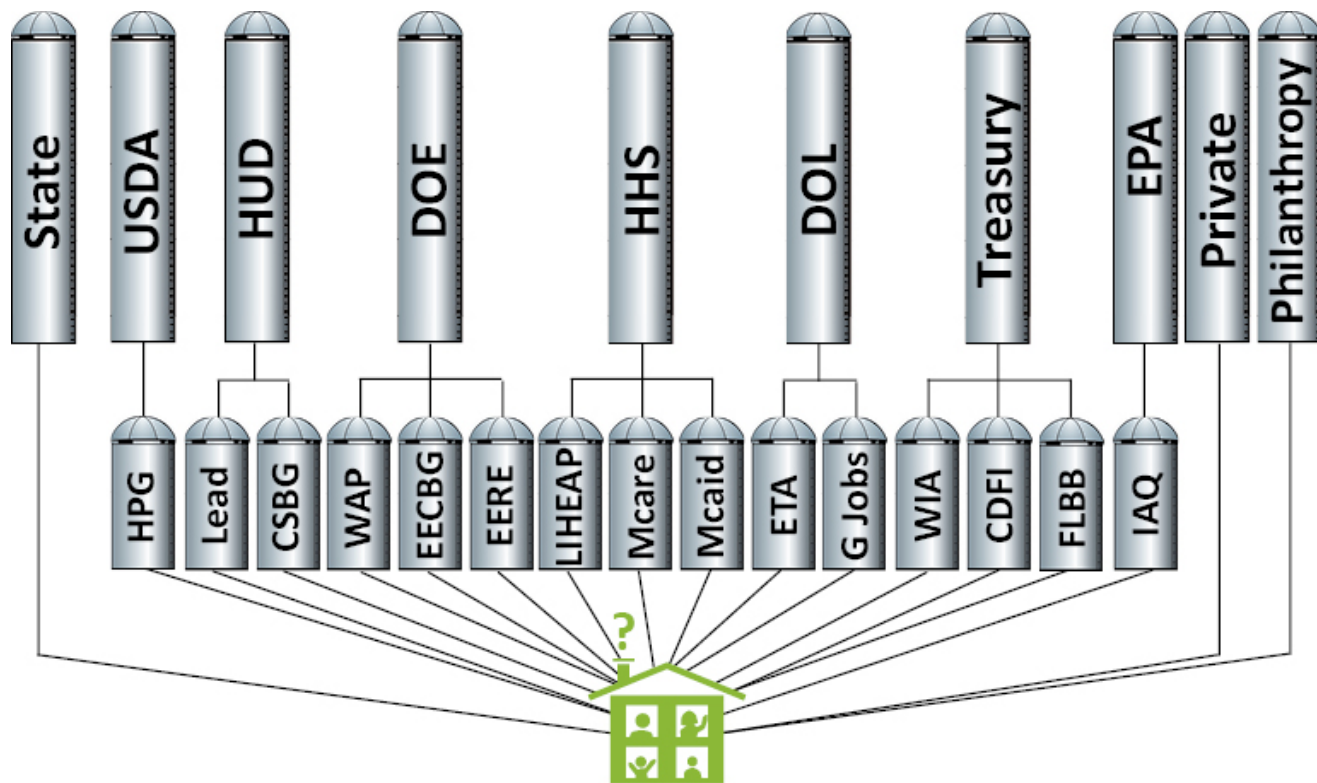


Broken ducts =  
higher heating  
bills



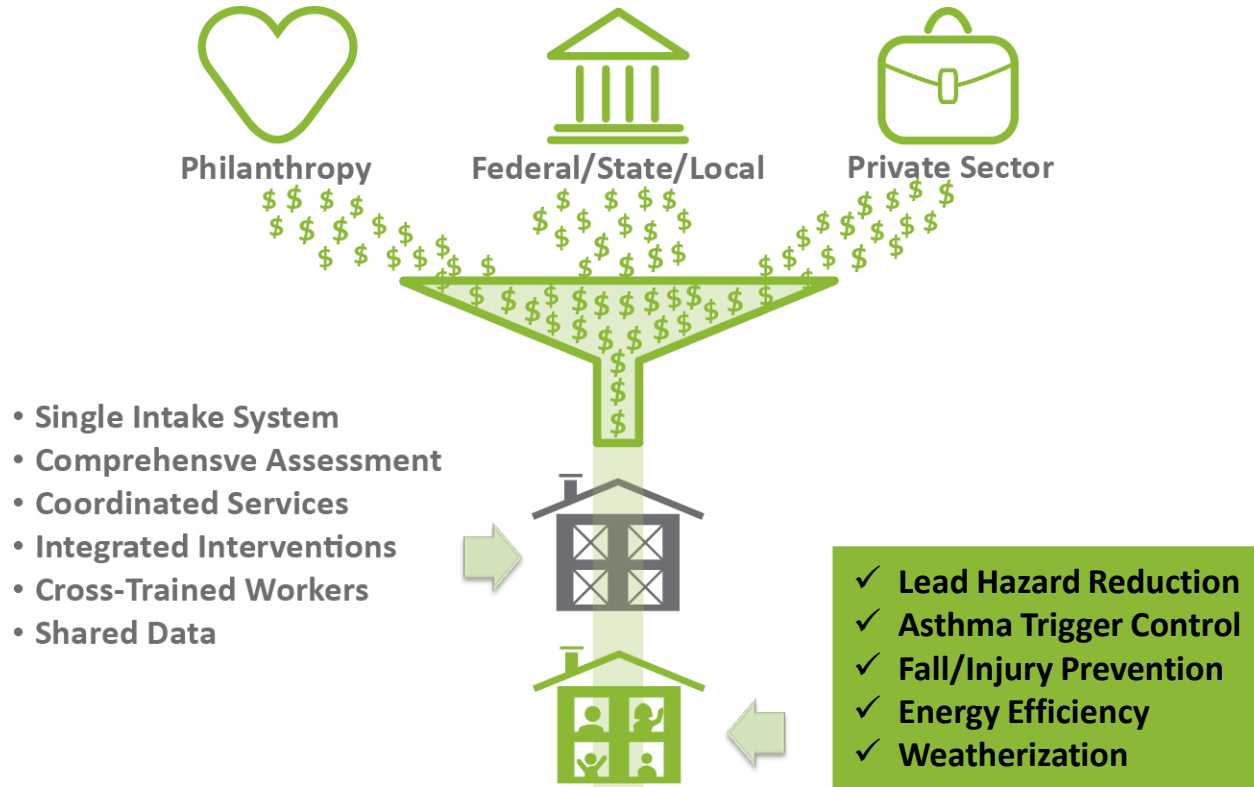


# (Old) Service Delivery System





# The GHHI Model: Align → Brain → Coordinate







# 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**



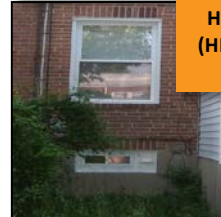
HUD  
(HHDP  
)

**Remediate  
mold, install  
dehumidifier**



HUD  
(HHDP  
)

**Install Energy  
Star windows**



HUD  
(HHDP  
)

**Install furnace  
& hot water  
heater**



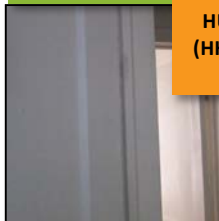
Philanthrop  
y

**Replace broken  
gutters**



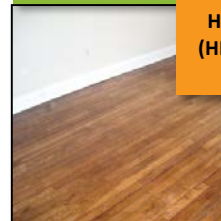
HUD  
(HHDP  
)

**Stabilize  
chipping paint**



HUD  
(HHDP  
)

**Resurface  
uneven floors**



HUD  
(HHDP  
)


**Seal ducts,  
blow insulation**




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





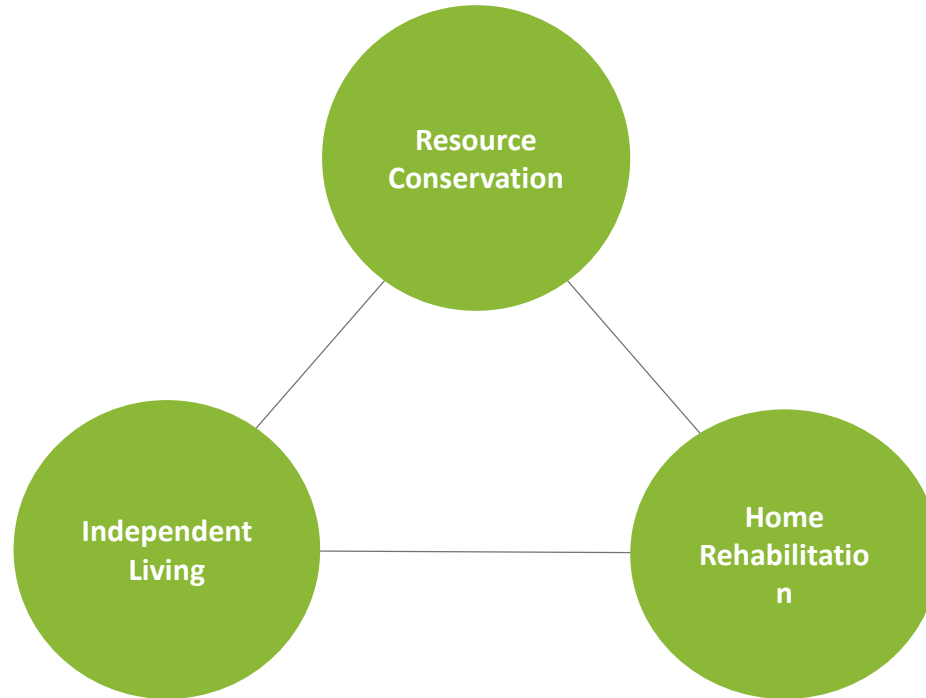
# The Opportunity for GHHI Marin County



Marin  
Community  
Foundation



The Buck Family  
Fund of MCF



CommunityActionMarin



MARIN CENTER FOR  
INDEPENDENT LIVING



Update from 350 Marin

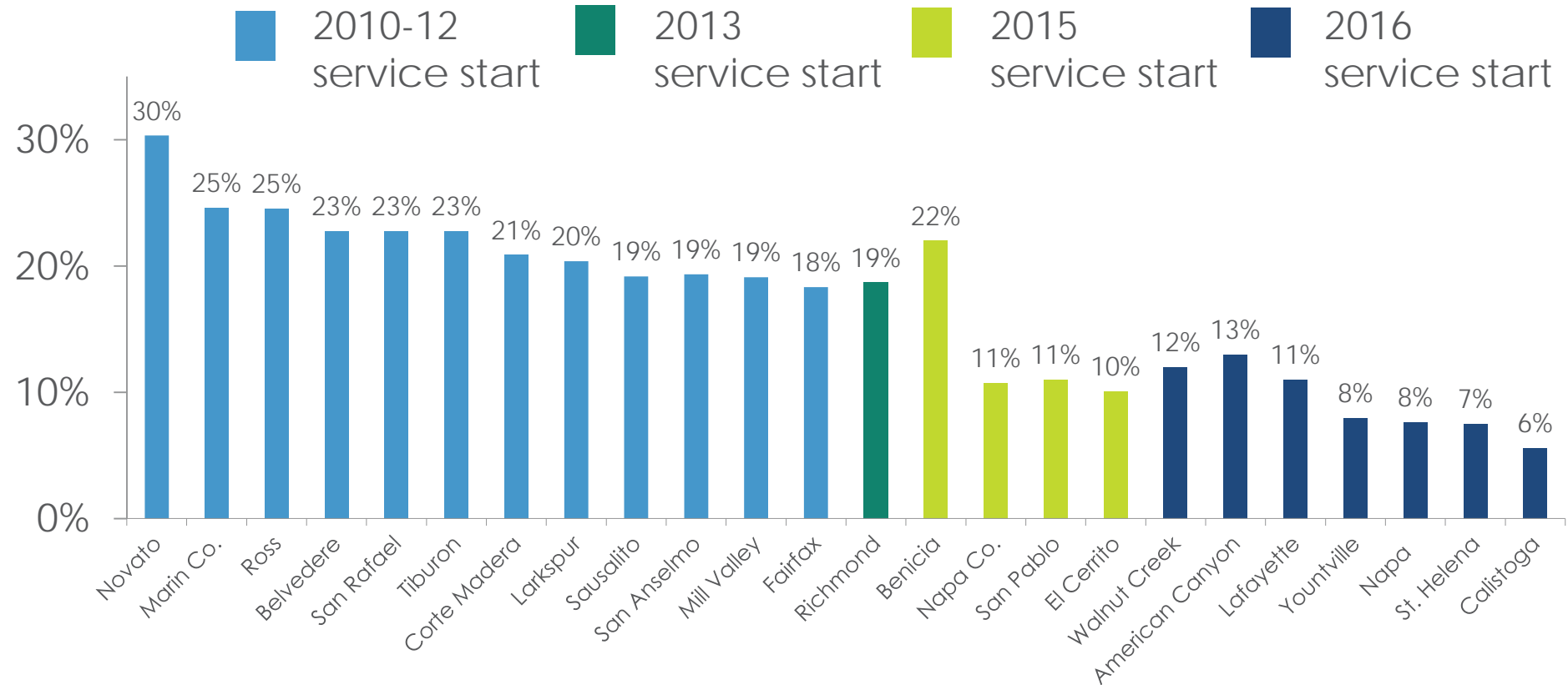


Any other updates?

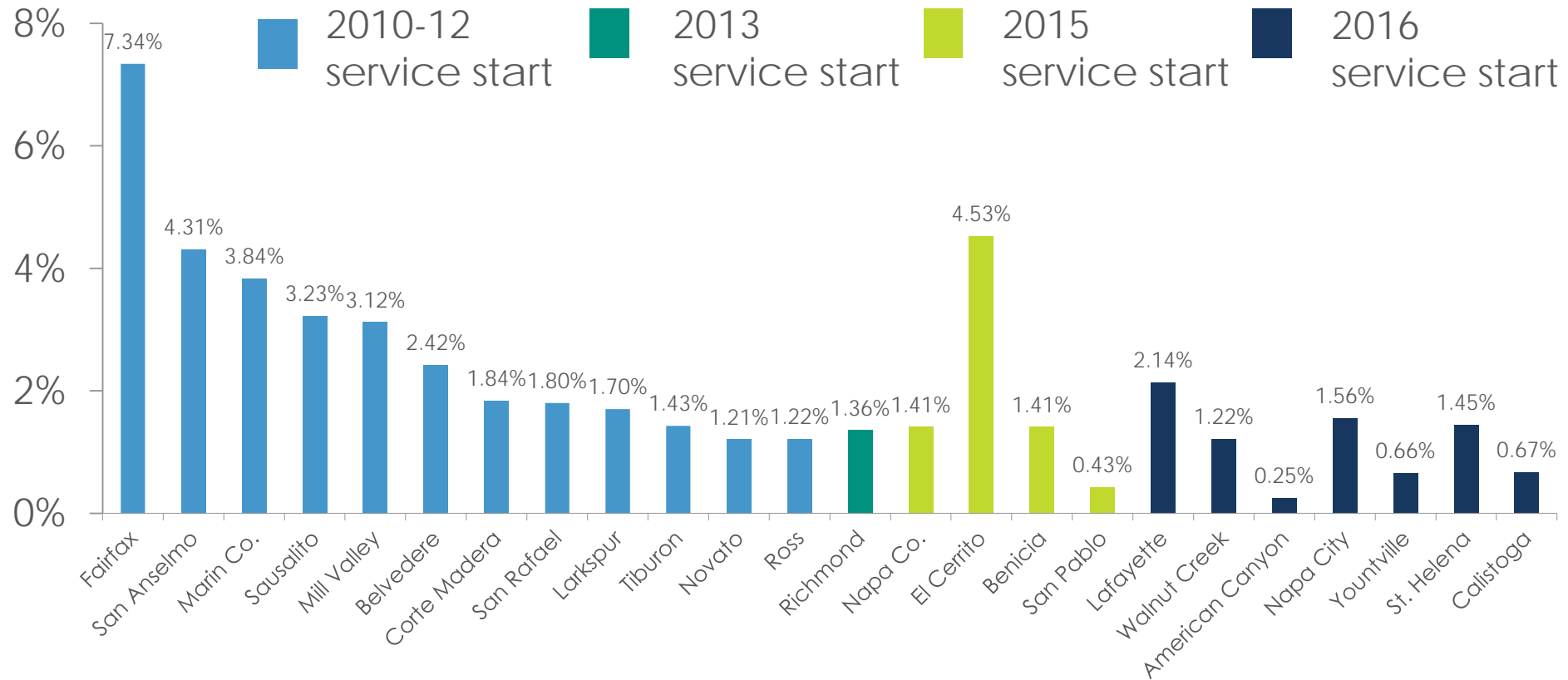
Additional Slides

# Opt Outs

## as of 3/30/17



# Deep Green Opt Ups as of 3/30/2017



# 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

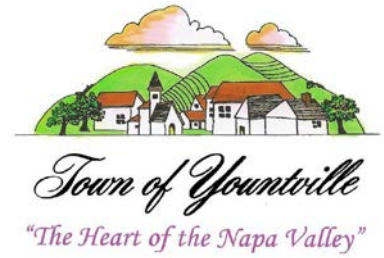


Sustainable  
NAPA COUNTY



# Visiting Members

CITY OF  
AMERICAN  
CANYON



[www.napanonprofits.org](http://www.napanonprofits.org)