



MCE

A local, not-for-profit electricity provider



# Providing Value

Renewable energy at competitive rates

Equitable access to programs and benefits

Rebates for demand side management

Programs and services focused on customer value proposition

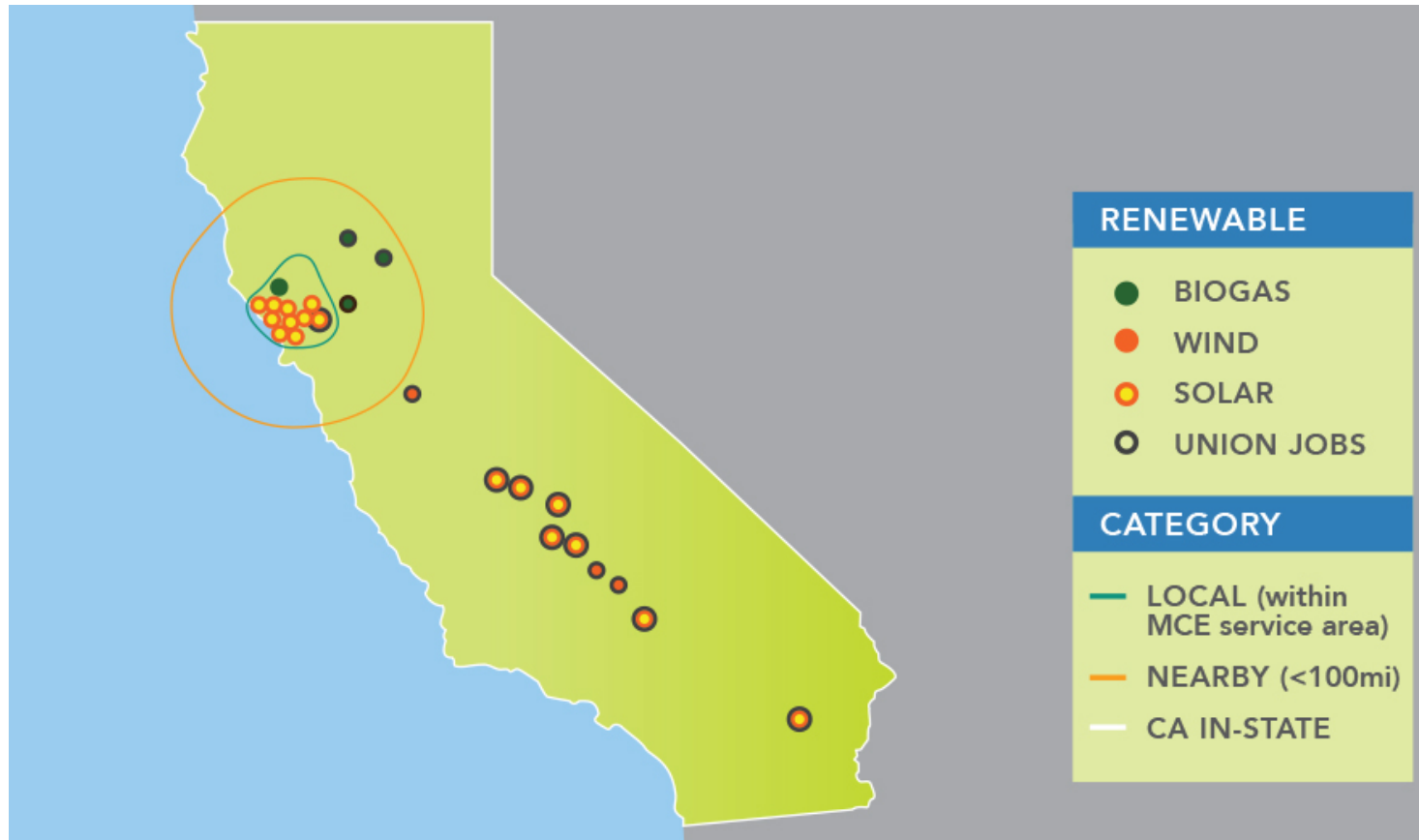


# New California Renewables

\$1.6 Billion  
committed

535 MW new solar  
266 MW new wind  
12 MW new biogas

24 Projects 813 megawatts





# Local Sol | Cooley Quarry

- Expected online May 2017
- 11.5 acre brownfield site
- 17 jobs supported
- Partners: REP Energy and Danlin Solar
- 100% local solar service available for ~300 customers

1 MW

ground-mounted  
solar in Novato





# MCE Solar One

- Under construction, expected online Q4 2017
- Chevron brownfield site
- 341 jobs supported
  - 50% local hire requirement
- Partners: City of Richmond, Cenergy Power, RichmondBUILD

10.5 MW

ground-mounted  
solar in Richmond



# Demand Side Programs

Multifamily and Small  
Commercial Energy  
Efficiency

Low Income Tenants  
and Families

Rooftop Solar Rebates

EV Charging Programs

Residential Storage  
Tariff





# Solar rebates for low-income residential customers

\$75,000 allocated  
2016-2017

61 solar installations supported; 61 available  
Partnership with GRID Alternatives





\$1 Million+  
earned by  
solar  
customers  
in 2016

## Solar Cash Out

City of Benicia: \$100,000+  
West Contra Costa School District : \$28,000+



# MCE's 2016 Energy Efficiency Proposal

## Integrated Solutions for Resource Conservation

- Emphasis on Market Transformation
- Customer oriented solutions
- Leverage multiple resource conservation activities from one touch point
- Working towards zero net resources for all buildings

MARIN CLEAN ENERGY  
ENERGY EFFICIENCY BUSINESS PLAN





# Thank You

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# Appendices



# MCE as Energy Efficiency Administrator

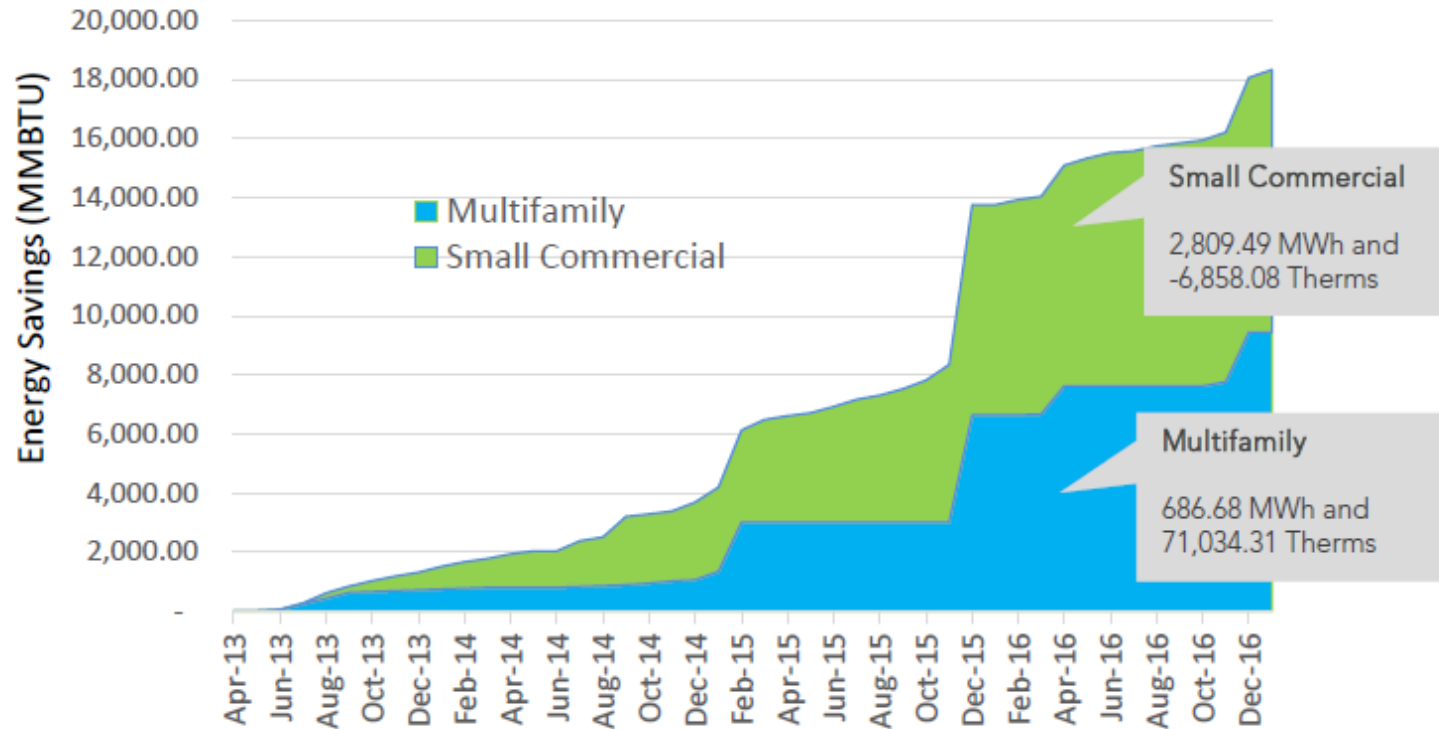
Statutory Authority (CA PUC 381.1)

CPUC Regulatory History

- Resolution E-4518: 2012 Program Funding
- D. 12-11-015: 2013-2014 funding
- **D. 14-01-033: CCA Energy Efficiency**

Business Plan Application

- A. 17-01-013 et al.



## Total EE Rebates Distributed

\$967,543

## Multifamily Units Receiving Free Direct Install

1,691

## Solar Rebate Impacts

61 rebates

215 kW installed capacity

>\$1 million customer bill

savings

## EV Rebates

105

# Program Impacts



# California Jobs

2,800+ jobs  
supported

1.2M+  
union work  
hours  
created



# Residential Cost Comparison

Example Monthly Electric Charges*	PG&E	MCE Light Green	MCE Deep Green	PG&E Solar Choice	MCE Local Sol
	30% Renewable	50% Renewable	100% Renewable	100% Renewable	100% Renewable
PG&E Electric Delivery	\$54.25	\$54.25	\$54.25	\$54.25	\$54.25
Electric Generation	\$43.78	\$30.26	\$34.71	\$35.72	\$65.75
Added PG&E Fees	–	\$13.25	\$13.25	\$12.99	\$13.25
Average Total Cost	\$98.03	\$97.76	\$102.21	\$102.96	\$133.25

\*Based on a typical usage of 445 kWh at current PG&E rates and MCE rates under the Res-1/E-1 rate schedule. Actual differences may vary depending on usage, rate schedule, and other factors. Estimate provided is an average of seasonal rates.



# Commercial Cost Comparison

Example Monthly Electric Charges*	PG&E	MCE Light Green	MCE Deep Green	PG&E Solar Choice	MCE Local Sol
	30% Renewable	50% Renewable	100% Renewable	100% Renewable	100% Renewable
PG&E Electric Delivery	\$163.06	\$163.06	\$163.06	\$163.06	\$163.06
Electric Generation	\$121.03	\$92.75	\$105.20	\$113.64	\$171.82
Added PG&E Fees	–	\$28.19	\$28.19	\$27.38	\$28.19
Average Total Cost	\$284.09	\$284.00	\$296.45	\$304.08	\$363.07

\*Based on a typical usage of 1,245 kWh at current PG&E rates and MCE rates under the Com-1/A-1 rate schedule. Costs shown are an average of summer and winter rates. Actual differences may vary depending on usage, rate schedule, and other factors.

# MCE Feed-In Tariff (FIT) Program

Turn your unused space into a revenue stream

One of the most competitively priced FIT programs in California

## **Advantages of FIT contracts;**

- Standardized, 20-year term
- Fixed price per MWh generated
- Accurately reflects project revenue and can help secure project financing

