



My community.
My choice.

MCE

A local, not-for-profit electricity provider

What is Community
Choice?

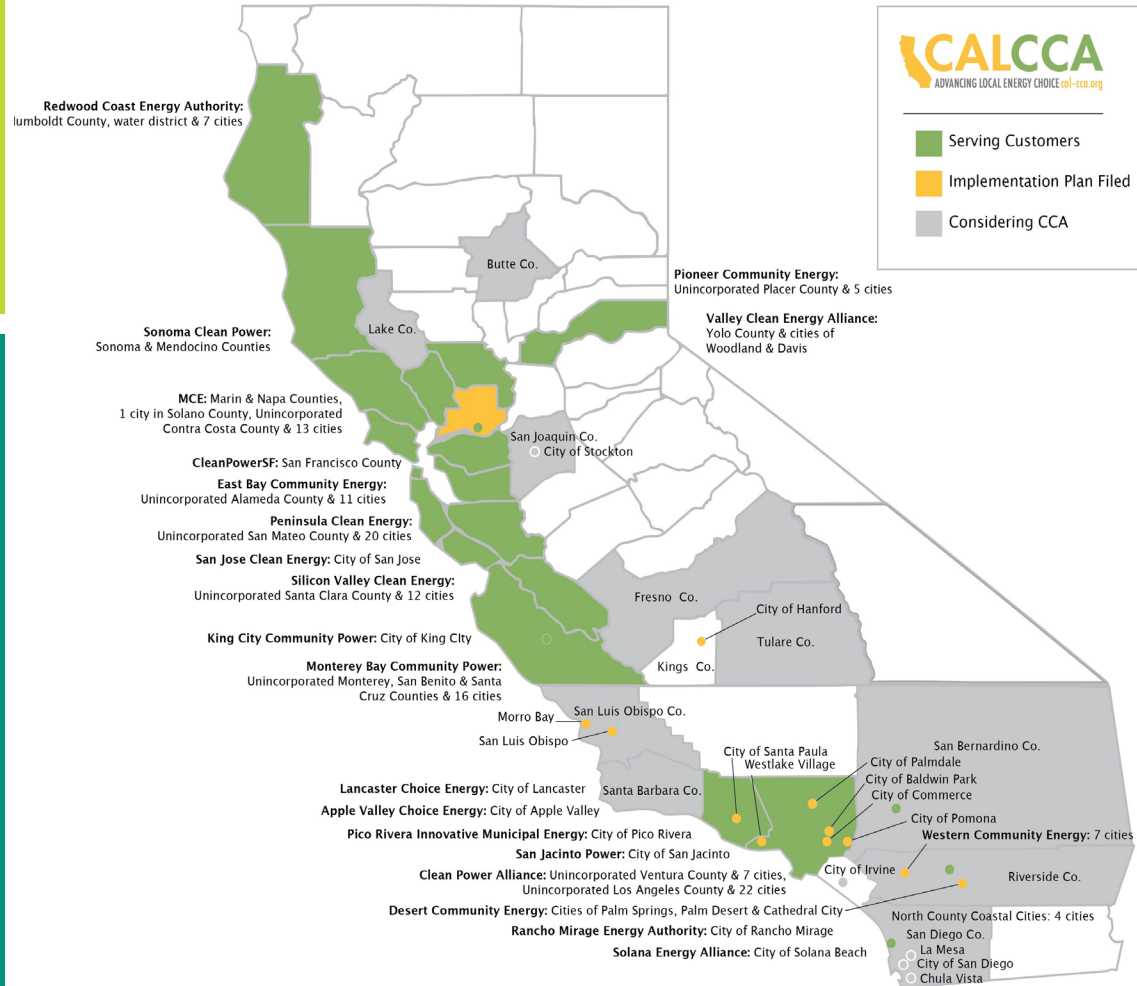
Community Choice Aggregation

- Enabling legislation, AB117 (2002)
- Default service provider /opt out model - supports ambitious state clean energy goals
- CCA purchases electricity – alternative choice to investor-owned utility power supply procurement
- Not for profit / Local government public agency – Joint Powers Authority (like a water or waste district) enables:
 - local decision-making
 - tailored community energy programs
 - local reinvestment - benefits accrue to communities not shareholders



California Community Choice

- 19 current CCAs
- 94% average participation
- 10 million statewide customers
- 100's of participating local governments
- MCE was the first – 2010!



New Community Enrollment Process

- MCE is invited to present by City officials, staff
- City decides to join
- Marketing, outreach, education plan co-developed with MCE + City after City decides to join (MCE does not conduct door to door outreach)
- Customers receive 4 mailers –multiple formats, can be co-branded
- 120-day noticing period (2 mailers 60 days prior to service, 2 mailers 60 days after)
- Opt-out process easy, call or online at any time, no fee during 120-day window
- \$5 opt-out fee for residential, \$25 for commercial after 120-day noticing window

Who is MCE?

About MCE

- ~65 staff serving 470,000+ accounts
- 28 person Board of Directors representing 34 communities across 4 counties
- 10-year track record of local reinvestment- local energy projects, tailored programs, energy savings



MCE MISSION

Address climate change by
reducing greenhouse gas emissions

Renewable Energy

Stable, Competitive Rates

Local Economic & Workforce Benefits

Energy Efficiency



About MCE

2008 | MCE formed

2010 | Service launched

2019 | Serving 470,000+
customer accounts



Local Control

Solano County



Marin County



Contra Costa County



Napa County



28 Board Members. Elected officials. No tax dollars.

Compliance Obligations

- Renewable Portfolio Standard (*annual*) - CPUC
- Resource Adequacy (*annual & monthly*) - CPUC
- Emissions Performance Standard (*annual*) - CPUC
- Mandatory Reporting Regulation - CA Air Resources Board
- Integrated Energy Policy Report - CA Energy Commission
- Form 635 (*quarterly*) - California Secretary of State
- QFER (*quarterly*) - California Energy Commission
- EIA-861A (*annual*) - US Energy Information Administration
- Form 700 (*annual*) - California Fair Political Practices Commission
- Officer Certification Form (*annual*) - CAISO
- AMI Privacy Audit (*annual*) - CPUC
- AMI Privacy Report (*triennial*) - CPUC



Community Benefits

Not-for-profit,
public
agency

+

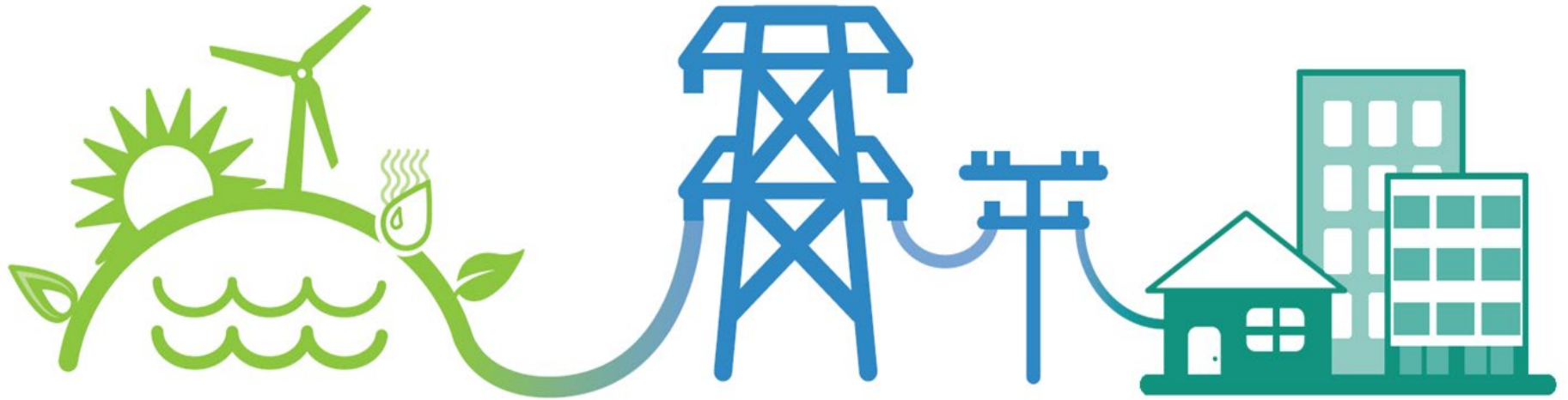
No
shareholders

=

Local
Reinvestment

How Does it Work?

How Electric Service Works



MCE Generation

PG&E Delivery

Same Service

Sample Bill



ENERGY STATEMENT

www.pge.com/MyEnergy

Account No: 1234567890-1

Statement Date: 10/01/2013

Due Date: 10/22/2013

Service For:

MARY SMITH
1234 STREET AVENU
SAN RAFAEL, CA
94804



ENERGY STATEMENT

www.pge.com/MyEnergy

Account No: 0123456789-0

Statement Date: 12/29/2015

Due Date: 01/19/2016

Service For:

With MCE
Service

Phone: 1-866-743-0335
www.pge.com/MyEnergy

Local Office Address

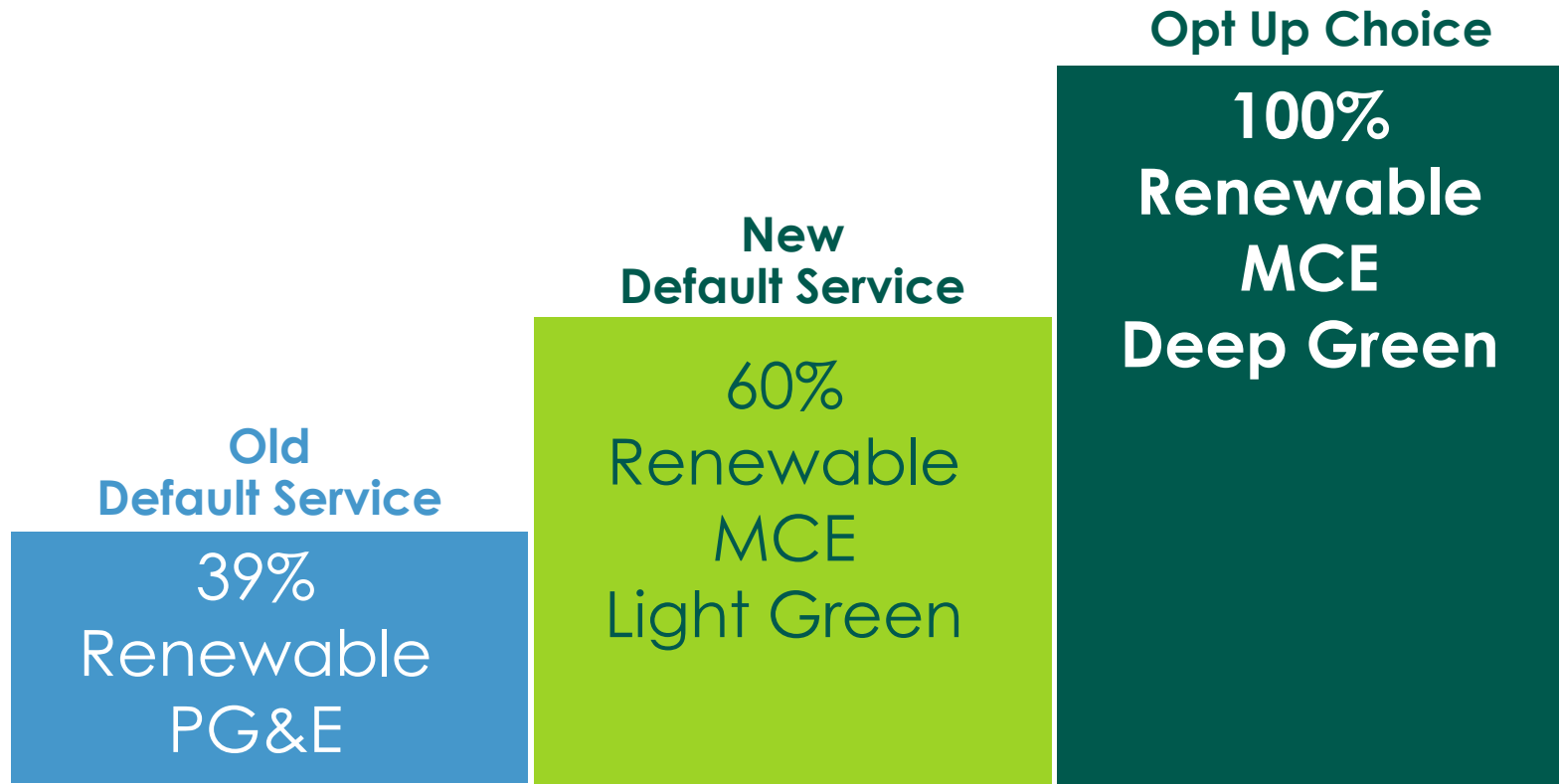
Your Account Summary

Amount Due on Previous Statement	\$54.14
Payment(s) Received Since Last Statement	-54.14
Previous Unpaid Balance	\$0.00
Current PG&E Electric Delivery Charges	\$34.94
MCE Electric Generation Charges	39.38
Current Gas Charges	13.55

Total Amount Due by 01/12/2016

\$87.87

MCE Energy Service Options



Sample Residential Cost Comparison

	60% renewable MCE Light Green	39% renewable PG&E	100% renewable MCE Deep Green
Electric Delivery	\$69.84	\$69.84	\$69.84
Electric Generation	\$43.50	\$58.89	\$48.50
Added PG&E Fees	\$15.22	-	\$15.22
Monthly Cost	\$128.56	\$128.73	\$133.56

Based on a typical usage of a residential customer in our service area at current PG&E and MCE rates effective as of January 1, 2020 under the E-1 rate schedule. Actual differences may vary depending on usage, rate schedule, and other factors. Estimate provided is an average of seasonal rates.

Discount Programs

Discount programs, including PG&E employee discounts, remain the same with MCE service.

CARE, FERA, and Medical Baseline Allowance are provided in full to MCE customers; **no need to reapply.**

Comparing Net Energy Metering (NEM) Programs

MCE

PG&E

Credits or charges are balanced **monthly**

Credits or charges are balanced **annually**

Surplus annual generation is credited **at twice the wholesale rate**

Surplus annual generation is credited **at the wholesale rate**

Billing: **Monthly** charges and credits for generation

Billing: **Annual** True-Up

60% or 100% renewable energy service when you use energy from the grid

39% renewable energy service when you use energy from the grid



MCE 101

MCE

PG&E

	MCE	PG&E
Energy delivery - transmission and distribution	Remains with PG&E	Owens and operates
Energy procurement	Conducted by MCE	No longer procured by PG&E
Customer Billing	MCE charges on your PG&E bill	Bills sent from PG&E
Customer Support	7am-7pm M-F phone, walk in or email	PG&E's CCA call center is available
CARE, FERA, Medical Baseline	Remains the same – no need to reapply	Remains the same
PG&E employee discounts	Remains the same	Remains the same

Where Does the Power Come From?

2018 Electricity Content

	PG&E	MCE Light Green	MCE Deep Green
Renewable (%)	39%	61%	100%
Bioenergy	4	4	0
Geothermal	4	3	0
Small Hydro	3	2	0
Solar	18	11	50
Wind	10	39	50
Large Hydro	13	13	0
Natural Gas	15	0	0
Nuclear	34	0	0
Unspecified/Other	0	26	0

Local Renewable Energy Projects

(already operational)

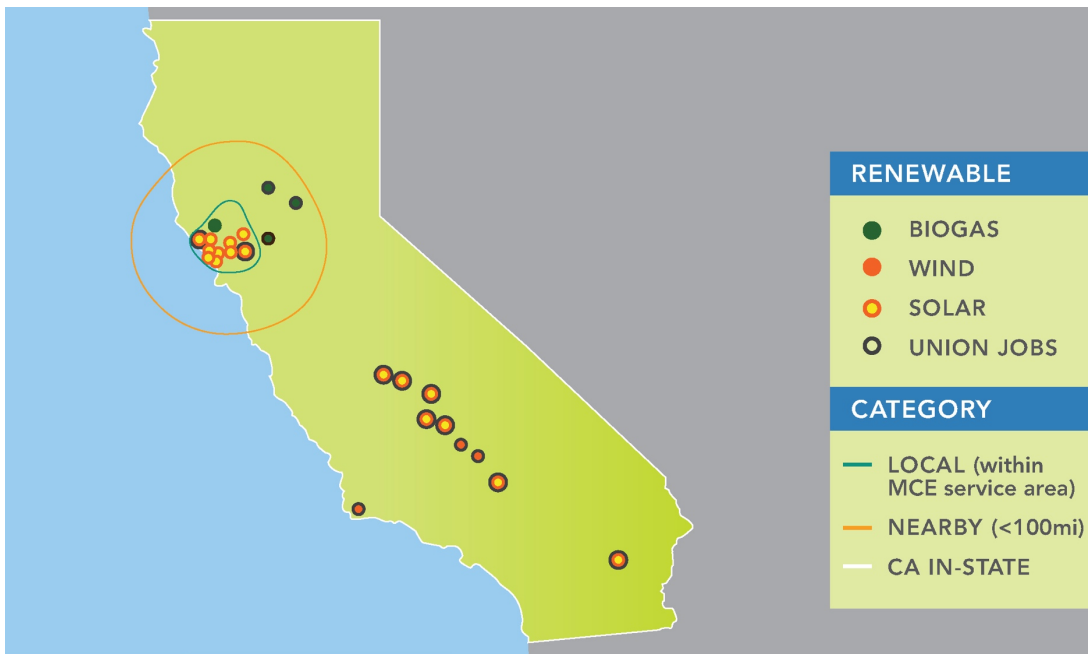
Project	Online	Type	Size
1 San Rafael Airport	2012	FIT	1 MW, rooftop solar
2 Buck Institute	2016	PPA	1 MW, carport solar
3 Cost Plus Plaza	2016	FIT	0.265 MW, rooftop solar
4 Freethy Industrial Park	2016	FIT	2 MW, ground mounted solar
5 Cooley Quarry	2017	FIT	1 MW, ground mounted solar
6 Redwood Landfill	2017	PPA	3.6 MW, bioenergy plant
7 MCE Solar One	2017	PPA	10.5 MW, ground mounted solar
8 Oakley RV & Boat Storage	2018	FIT	1 MW, carport solar
9 EO Products	2018	FIT	0.06 MW, rooftop solar
10 MCE San Rafael	2018	PPA	0.08 MW, carport solar



MCE New California Renewables

- \$1.5+ Billion committed
- 5,000 jobs supported
- 1.25 M labor hours created

37 Projects | 678 Megawatts



Feed-In Tariff Programs

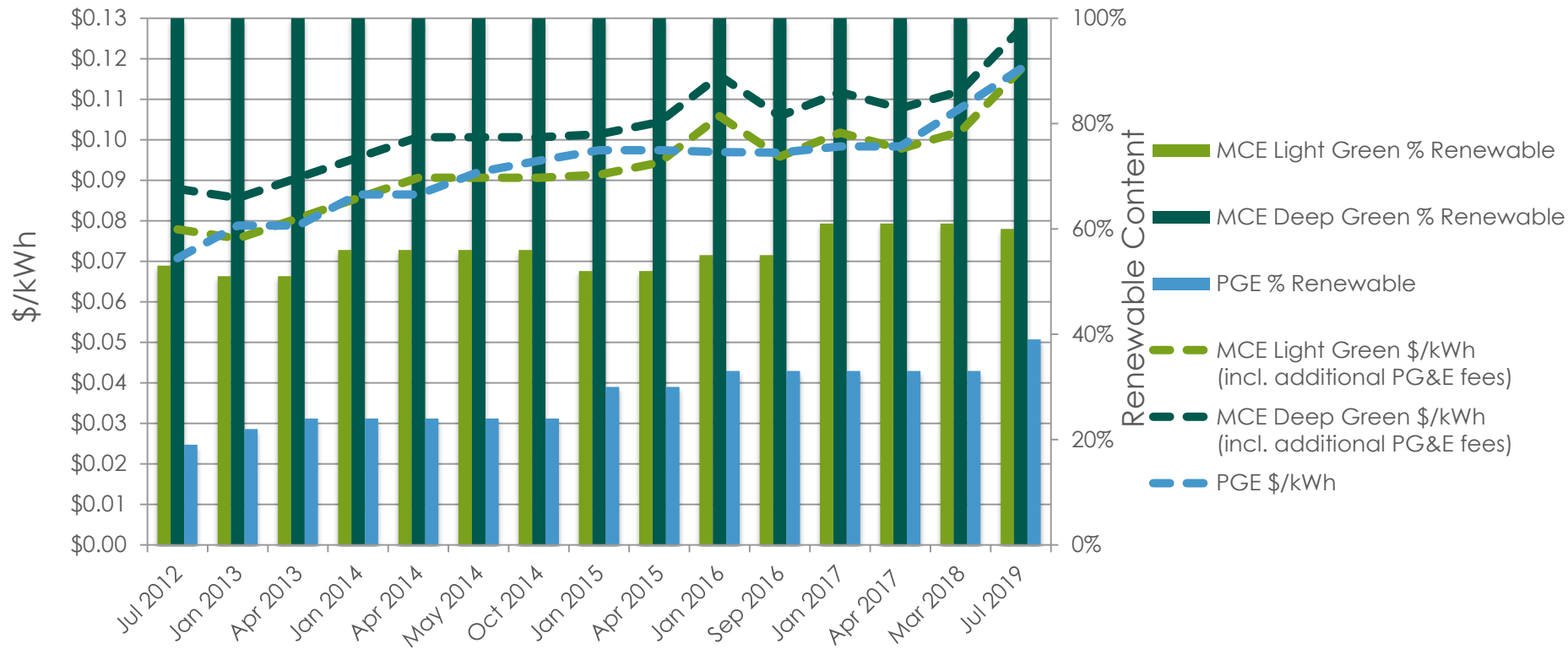


FREETHY INDUSTRIAL PARK #1 CASE STUDY

PROJECT SIZE	1 MW AC
INSTALLATION TYPE	Ground Mount
EST. ANNUAL REVENUE**	\$265,000
HOMES POWERED	300 per year

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

MCE and PG&E Rates and Renewable Content Over Time



Why MCE?

Before MCE

No choice of electric service provider

Default service =
33% renewable energy

Investor-owned
decision-making
(via shareholders)

With MCE

Choice of electric service provider

Default service projected =
60% renewable energy

Community-based
decision-making
(via Board Members)

Community Reinvestment

EV Programs

631 ports

(37% in Deep Green)

330+ customers engaged



MCE Solar One

10.5 MW & 341 Jobs

Largest public-private
partnership in the Bay Area

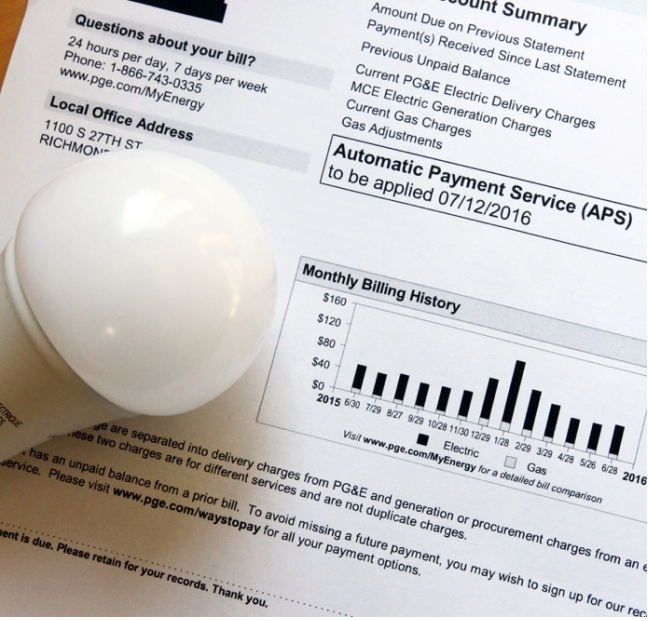


Income-Qualified Solar Rebates

207 kW of new, local solar

\$345,000 in rebates





Energy Savings Programs

- \$7-11 million annual budget through 2025 for:

Residential (single and multifamily)	\$43M+
Commercial and Industrial	\$28M+
Agriculture	\$8M+
Workforce development	\$2M+
Program evaluation	\$1M+

- \$933,00 Rebates Provided
- 16.9 million gallons of water saved

California Jobs

5,000 jobs
supported

1.25M labor
hours
created



MCE Impact

Eliminated
over
340K
metric tons
of GHGs
through
2018

Default
service
is
60%
renewable
since 2017
and
99%
carbon-free
by 2022

MCE
customers
have saved
over
\$68M
since 2010

Committed
over
\$1.5B
to build
new CA
renewable
projects

31 MW
new
renewable
projects
built in our
service
area

Thank You!

mceCleanEnergy.org

info@mceCleanEnergy.org

[@mceCleanEnergy](https://www.instagram.com/mceCleanEnergy)    



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