



MCE

A local, not-for-profit electricity provider



CLIMATE IMPACTS

Climate change impacts us all through rising temperatures, extreme weather, and health impacts.

Rising Temperatures

2020 Extreme Heat Storm

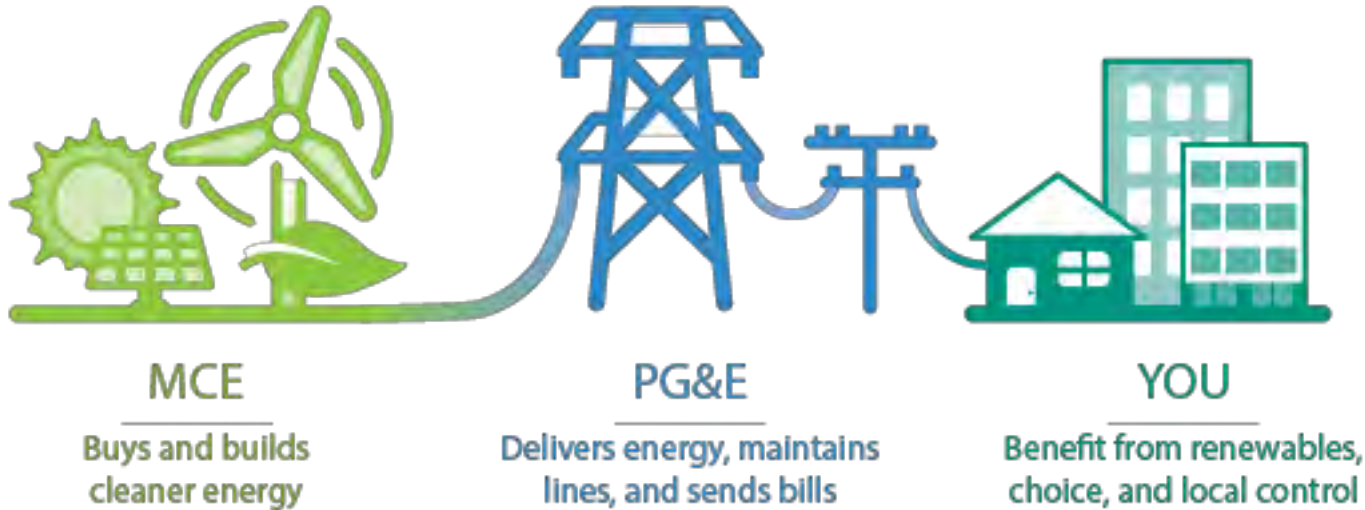
Extreme Weather

Wildfires, sea level rise, drought

Health Impacts

Longer allergy season, higher rates of asthma and insect-borne disease

HOW MCE WORKS



How Electric Service Works

VISION

Lead California to an equitable, clean, affordable, and reliable energy economy by serving as a model for community-based renewable energy, energy efficiency, and cutting-edge clean-tech products and programs.

95% GHG-free, 23 years ahead of state goals
60% renewable, 13 years ahead of state goals

Almost 950 megawatts
New-build California renewables

48 megawatts
New-build local renewables

\$3 billion
Committed to new renewables

6,300+ green jobs
Supported in California

MCE SERVICE AREA

4 Bay Area
Counties

585,000
Accounts

1.5 million +
Customers



Not-for-Profit Public Agency

Solano County



Marin County



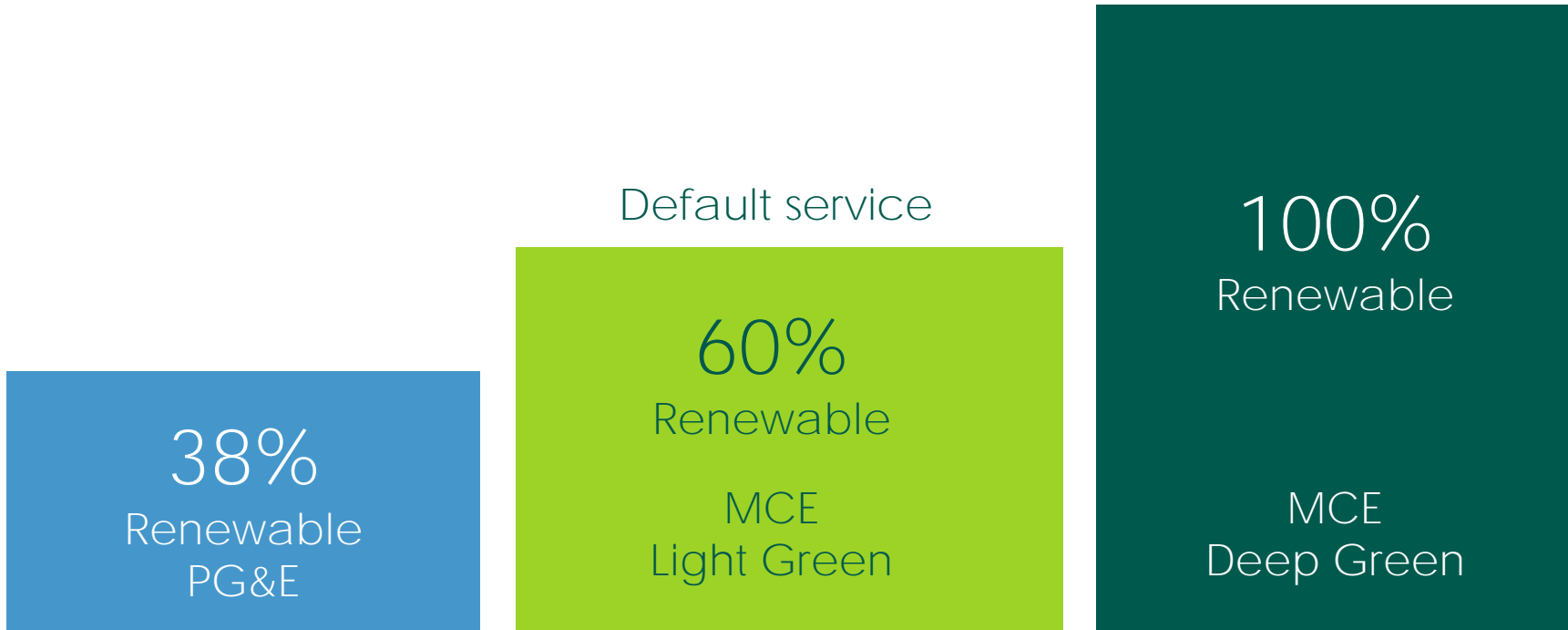
Contra Costa County



Napa County



33 Board Members. Elected officials. No tax dollars.



Choice Is Power

MCE Light Green

60%

RENEWABLE

MCE Deep Green

100%

RENEWABLE

PG&E

38%


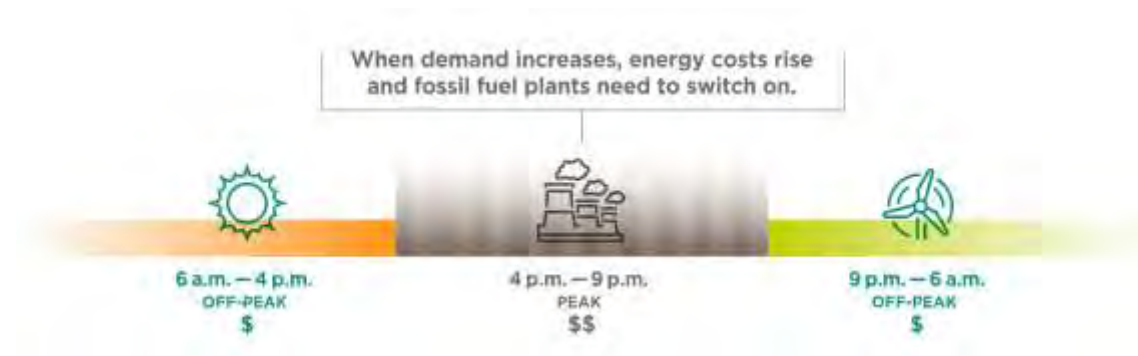
RENEWABLE

Electric Generation	\$60.69	\$64.86	\$68.49
PG&E Electric Delivery	\$111.61	\$111.61	\$111.61
Additional PG&E Fees	\$4.91	\$4.91	\$3.14
Average Total Monthly Cost	\$177.21	\$181.38	\$183.23


Residential Cost Comparison

ENERGY CONSERVATION


Shifting energy use to 12-4pm takes advantage of daytime solar



Use fans instead of air conditioning



Avoid using major appliances



Unplug unused devices

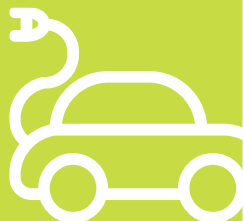
Save money and the planet by reducing power use from 4-9pm!



Energy Efficiency

Audits, Rebates,
Usage Reduction

- \$2.4M in rebates
- Over 1,200 customers served



Electric Vehicles

Vehicle and Charging Station Rebates

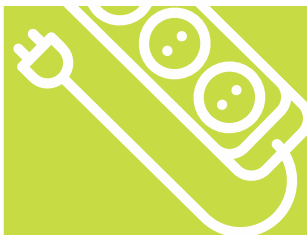
- Over 1,100 EV charging ports installed
- 300+ vehicle rebates



Energy Resiliency

Distributed Resources, Demand Response, Virtual Power Plant, and Behavioral Programs

- Shifting load out of peak hours



Electrification

Heat Pump Installs and Contractor Training

- 25+ contractors engaged and 125 pumps installed



Equity, Health, & Safety

Health, Safety, and Resiliency Upgrades

- 200 portable batteries distributed
- \$750,000 in solar rebates

Your Dollars at Work

Electric Vehicle Programs

Workplace & Multifamily Charging

Up to \$3,500 rebates
Stacks with other incentives



Income-Qualified EV Instant Rebates

Up to \$3,500 for new or leased EVs at participating dealers
Stacks with other incentives



MCE Solar One

10.5 MW ground-mounted Solar in Richmond, CA

- Online in 2017
- One of the Bay Area's largest public-private solar partnerships
- Chevron remediated brownfield site
- 341 jobs supported
- 50% local hire requirement
- Partners: City of Richmond, sPower, Cenergy Power, Chevron, RichmondBUILD



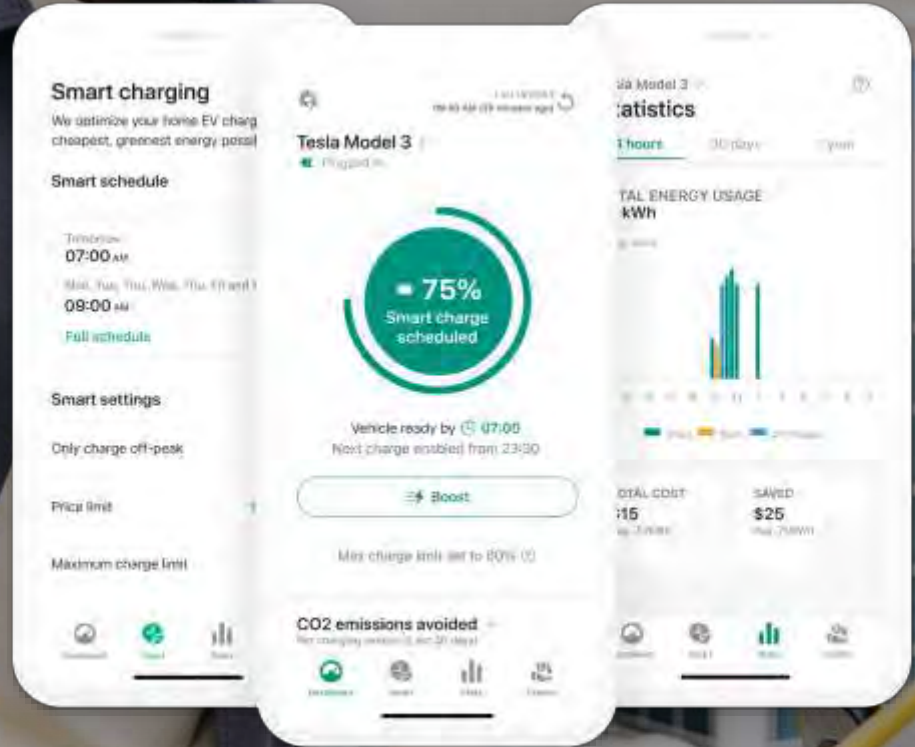
VIRTUAL POWER PLANT

- 2022: MCE joins California Energy Commission grant to build a Virtual Power Plant (VPP) pilot in Richmond with a suite of customer-owned distributed energy resources (DERs) by 2025
 - Rooftop solar, heat pump water heaters, smart thermostats, smart plugs, electric vehicles, batteries
- MCE can directly send digital signals to remotely shift & operate DERS for demand response and grid support; participants save money & get bill credits
- Quiet, clean, invisible pockets of power: www.mceCleanEnergy.org/virtual-power-plant

MCE SYNC: EV SMART-CHARGING APP

Automates EV charging to help residential customers use the least expensive and cleanest energy on the grid

- Works with most EV makes & models
- \$50 sign-up bonus
- Up to \$10 per month cash back for charging during low-carbon events
- Saves \$100 or more per year just by charging during off-peak hours



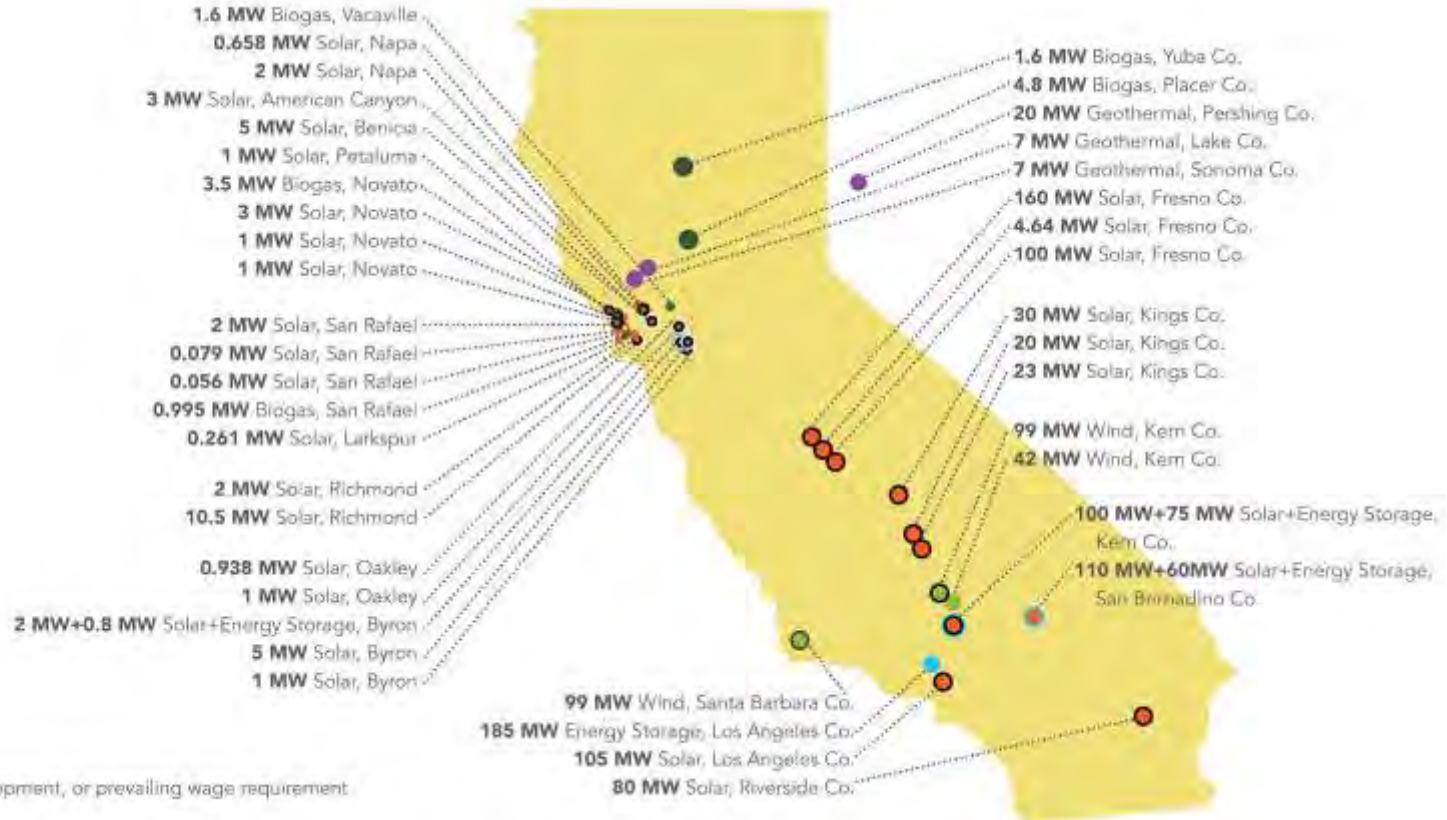
2022 POWER CONTENT



	PG&E	MCE Light Green	MCE Deep Green
Renewable (%)	38%	60%	100%
Bioenergy	5	5	0
Geothermal	1	5	0
Small Hydro	2	4	0
Solar	22	28	50
Wind	9	17	50
Large Hydro	8	40	0
Natural Gas	5	0	0
Nuclear	49	0	0
Unspecified/Other	0	1	0

Over \$3 Billion Committed
 Almost 950 MW of new renewable projects

6,300 CA Jobs Supported
 2.9 million labor hours
 46% from union labor on all projects over 1 MW



The Power of MCE

300,000 metric tons of GHGs eliminated since 2010

60% renewable since 2017, 100% renewable option

95% carbon-free since 2022

\$249 million reinvested in MCE communities since 2010

\$3 billion committed to building new CA renewable projects

48 megawatts of renewable projects built in our service area

2.9 million labor hours supported, 6,300 jobs created





THANK YOU!

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