



Central Coast Community Energy

Presentation to City of Watsonville
04.25.2023

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Senior Customer Accounts Manager



Community Choice Aggregation



CCA



Purchases electricity on behalf of local communities; develops programs, rebates, and incentives

Investor-Owned Utility



Delivers electricity, maintains infrastructure, and handles billing

Customers



Benefits from local control, competitive rates, and clean energy as well as CCA programs, rebates, and incentives





Our Formation

2017

MBCP founded by
Counties of Monterey,
San Benito, Santa Cruz



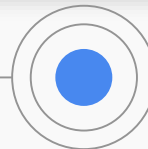
2020

Service expands to
Cities in San Luis
Obispo County



2021

CCCE service
expands to County of
Santa Barbara





34

Member Agencies in **five** counties

400,000+

Customers

\$1 billion

Investment in renewable energy
\$26 million in customer programs





94%

Enrollment in communities

5000 GWh

Electricity delivered in 2022

45,049

Customers in unincorporated Santa Barbara
County and Buellton enrolled in 2021/2022





Our Commitment

01

Local Control

02

Competitive Rates

03

Clean and
Renewable Power

04

Community
Reinvestment





01 Local Control





Our Governance

County of
Monterey

COASTAL CITIES

- Marina
- Sand City, Seaside
- Del Rey Oaks*

City of
Watsonville

PENINSULA CITIES

- Carmel*
- Monterey
- Pacific Grove*

City of
Salinas

County of
San Benito

SALINAS CITIES

- Greenfield
- Gonzales*
- Soledad

County of
Santa Cruz

SAN BENITO CITIES

- Hollister*
- San Juan Bautista

City of
Santa Cruz

County of
Santa Barbara

SANTA CRUZ CITIES

- Capitola*
- Scotts Valley

City of
Santa Maria

SLO CITIES

- San Luis Obispo*
- Morro Bay

SLO NORTH CITIES

- Paso Robles*
- Atascadero

SLO SOUTH CITIES

- Arroyo Grande
- Grover Beach
- Pismo Beach*

SB COUNTY CITIES

- Guadalupe
- Solvang*
- Buellton

SB COUNTY CITIES

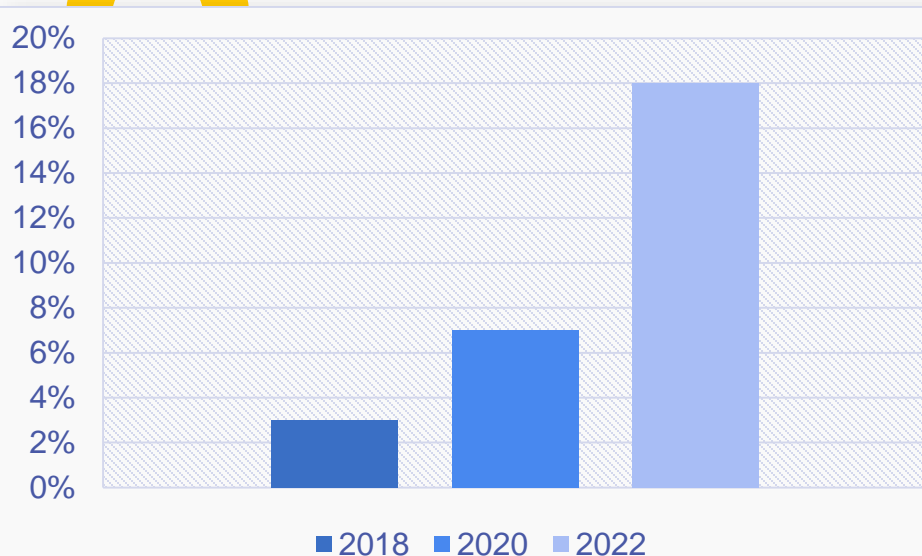
- Goleta
- Carpinteria*



02 Competitive Rates



Average Residential Savings



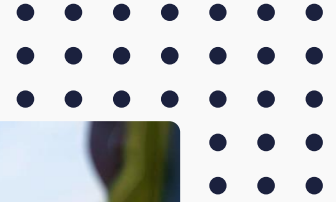
18%

Average approximate difference between PG&E and CCCE residential generation rates in 2022

2% to 19%

Small to medium commercial* customers savings after March 2022

**Because our IOU imposes an additional demand charge that we do not, we cannot provide a percent savings for large commercial and agriculture accounts.*



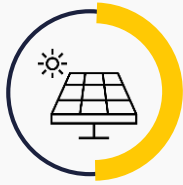
03 Clean & Renewable Power





Procurement Targets

2030 Planned Resource Mix



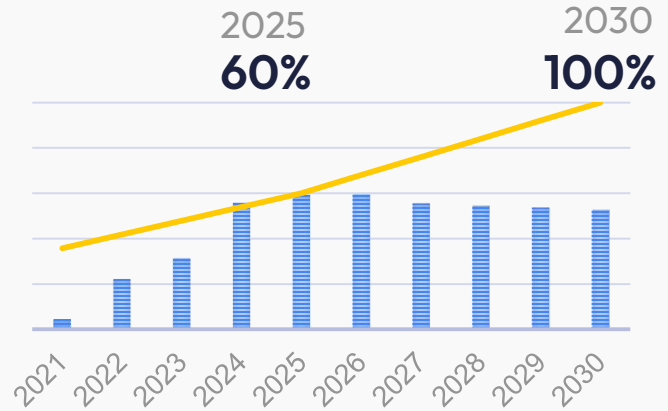
47%
Solar



43%
Wind



10%
Geothermal



Procurement Mix



Solar + Storage

575 MW generation
183 MW storage
150 MW solar only



Standalone Storage

102 MW



Geothermal

98 MW



Wind

33 MW

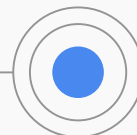
Executed
contracts for 19
renewable
energy projects



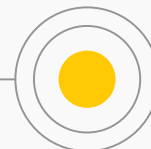
9



5



4



1

Projects Online in 2022

Coso Geothermal

66 MW Generation
11% Annual Load
January 2022



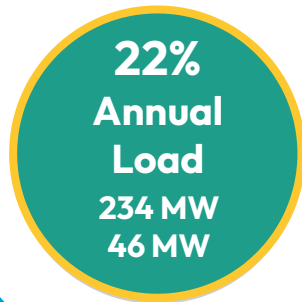
Slate Solar + Storage

68 MW Generation
34 MW Battery Storage
4% Annual Load
March 2022



Mammoth Casa Diablo IV

7 MW Generation
1% Annual Load
July 2022



Rabbitbrush Solar + Storage

60 MW Generation
12 MW Storage
3% Annual Load
October 2022

Mountain View Wind

33 MW Generation
3% Annual Load
July 2022



Why electrify?



Reduce GHG Emissions

Transportation accounts for 41% of CA emissions. Gas appliances account for 12%.



Better Health Outcomes

Gas appliances impact indoor air quality and public health. Diesel exhaust is linked to multiple serious conditions.



Make an Impact

Every CCCE customer is on a pathway to carbon-free energy by 2030. Switching from gas to electric vehicles and appliances helps our region finish the job.





04 Community Reinvestment



FY 21/22: Community Reinvestment



Electric School Bus

\$1.4M awarded to schools

Est. **148 mT CO2 emissions**
avoided each year



Electrify Your Ride

\$2.4M awarded to customers

Est. **2,500 mT CO2 emissions**
avoided each year



New Construction Electrification

\$600K+ awarded to
affordable housing

Est. **170 mT CO2 emissions**
avoided each year



Residential Programs

Service	Description	Price
Electrify Your Ride	Plug-In, Battery, Motorcycles, Leased, Used, Chargers and Readiness	\$1,000-\$4,000
Electrify Your Home	HVAC, Heat Pump Water Heater, Panel Replacement	\$450-\$4,000
New Construction Electrification	Fully electric Accessory Dwelling Units	\$5,000

Member Agencies



Electrify Your Fleet

\$5,000 - \$100,000 per unit



Charge Your Fleet

Up to \$100,000; additional funds to Plan Your Fleet



Reach Code Program

\$100,000 budgeted for third-party implementation



Businesses



Ag Equipment

\$15,000 - \$100,000, designed to cover between 70% - 100% of project



New Construction Electrification

\$2,500 per affordable or farm worker housing unit



Electrify Your Ride

Up to \$150,000 for DCFC Level 3 Chargers



Underserved Communities



Workforce Development

Broadband initiative, support for contractors



Farmworker Housing+Transportation



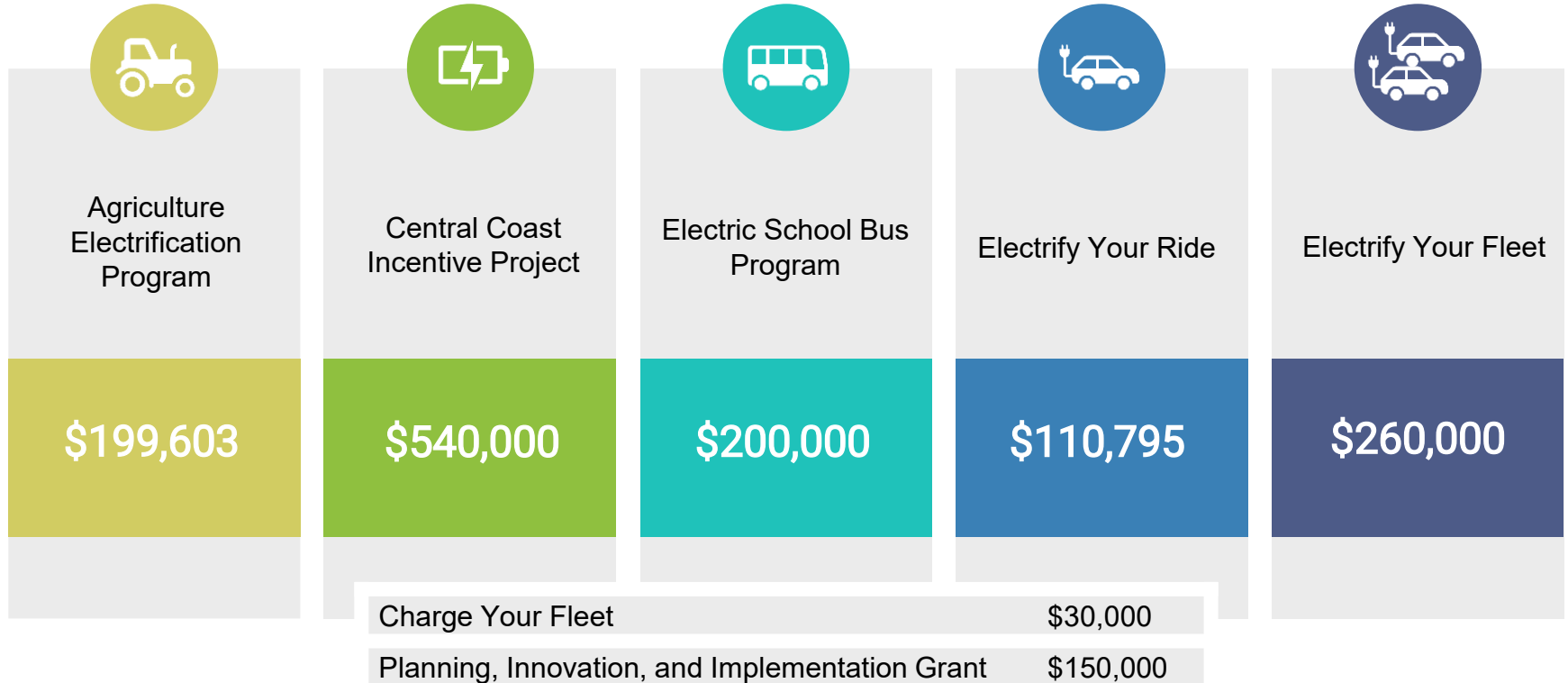
Additional Incentives

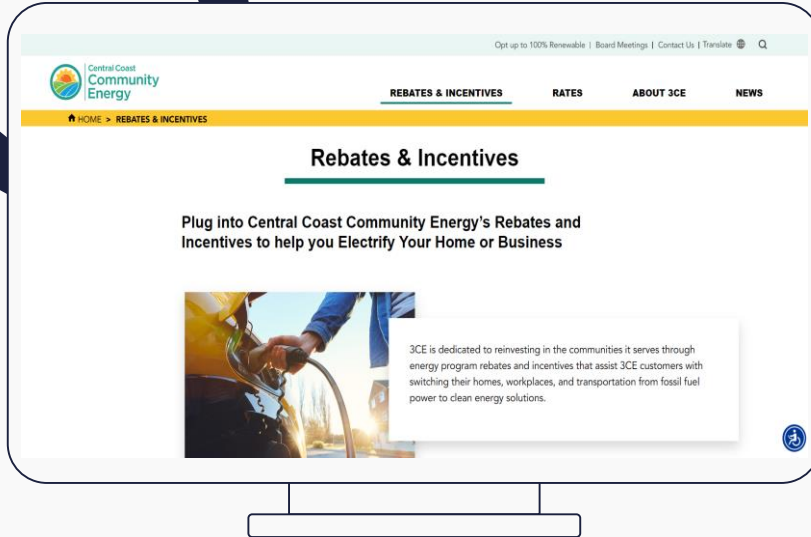
Income-qualified customers eligible for extra \$1,000 EYR + EYH rebates



3CE Energy Programs in Watsonville

Total Investment: Nearly \$1.5 million





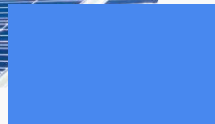
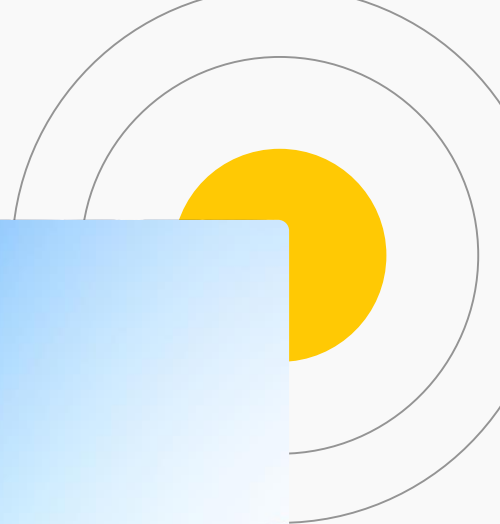
3cenergy.org



Thanks

Do you have any questions?

3CE.org
info@3CE.org



Power Source Map



Central Coast
Community
Energy

Long Duration Energy Storage
Monterey County, CA
Storage
Under Development

California Flats
Monterey County, CA
Storage
Online

Jasmine
Kern County, CA
Solar+Storage
Under Development

RPCA Storage 1
Santa Barbara County, CA
Storage
Under Development

Willow Rock Energy Storage Center
Kern County, CA
Storage
Under Development

Slate
Kings County, CA
Solar+Storage
Online

San Luis West
Fresno County, CA
Solar+Storage
Under Development

Casa Diablo-IV
Casa Diablo Mono County, CA
Geothermal
Online

Angela
Tulare County, CA
Solar+Storage
Under Development

COSO Geothermal
Inyo County, CA
Geothermal
Online

Yellow Pine
Clark County, NV
Solar+Storage
Under Development

Atlas
La Paz County, AZ
Solar
Under Development

Victory Pass
Riverside County, CA
Solar+Storage
Under Development

Mountain View Wind Repowering Project
Riverside County, CA
Wind
Online

Big Beau
Kern County, CA
Solar + Storage
Under Development

Rabbitbrush
Kern County, CA
Solar + Storage
Online

Aratina
Kern County, CA
Solar+Storage
Under Development

