TO: Mayor and Councilmembers

FROM: Peter Imhof, Planning and Environmental Review Director

CONTACT: Dana Murray, Sustainability Manager
Angeline Foshay, Sustainability Management Assistant

SUBJECT: Central Coast Community Energy Update

RECOMMENDATION:

Receive a presentation from Central Coast Community Energy on energy programs, offerings, and enrollment.

BACKGROUND:

On August 20, 2019, the Goleta City Council voted to join Central Coast Community Energy (formerly Monterey Bay Community Power), a Community Choice Aggregation (CCA) electricity provider. Central Coast Community Energy is a not-for-profit, locally controlled public agency originally providing electricity to residents and businesses in Monterey, San Benito and Santa Cruz Counties, and the cities of San Luis Obispo and Morro Bay. On December 4, 2019, Central Coast Community Energy (CCCE) accepted eleven jurisdictions as new member agencies, including the cities of Goleta, Carpinteria, Guadalupe, Solvang, Santa Maria and the County of Santa Barbara. Effective September 4, 2020, the name of the agency changed from Monterey Bay Community Power to Central Coast Community Energy (CCCE) to better reflect the expanded service area.

Starting in October 2021, Southern California Edison (SCE) accounts within CCCE's service area were automatically enrolled in CCCE's default electricity program. However, customers have the option to choose to opt-out and maintain SCE service at any time. CCA's in general introduce competition and choice in the electricity markets, providing customers with options about their power supplier and the level of clean energy they wish to support. Joining a CCA allowed the City of Goleta to make progress towards the City Council-adopted 100% renewable energy goal by 2030, as outlined in the City's Strategic Energy Plan. Upon enrollment, Goleta customers gained access to various programs offered by CCCE, including rebates for electric vehicles and related charging infrastructure, agricultural electrification rebates, and home and business electrification support. It also allows the City an opportunity to reduce greenhouse gas emissions and invest in our local community.

DISCUSSION:

As an energy resource in the Central Coast region, CCCE engages its stakeholders, including member agencies and customers, through outreach, education and marketing activities. CCCE recognizes that member agencies are critical to the effective governance and delivery of services and programs for the agency and staff intends to support ongoing communications about CCCE in a variety of ways. Providing periodic updates to CCCE member agencies is just one way the agency maximizes visibility and awareness.

CCCE will continue to strategically partner with the City of Goleta to raise awareness and deliver solutions that address climate change, electrification, fuel-switching, building community resiliency, eliminating greenhouse gas emissions, creating economic development opportunities and increasing social equity.

GOLETA STRATEGIC PLAN:

City-Wide Strategy: Support Environmental Vitality
Strategic Goal:
- Promote renewable energy, energy conservation and local energy resiliency
    - Implement the Strategic Energy Plan in furtherance of the City's adopted 100% renewable energy goals
- Adopt best practices in Sustainability
    - Implement a Community Choice Aggregation Program by and through participation in Central Coast Community Energy's (CCCE) Program

FISCAL IMPACTS:

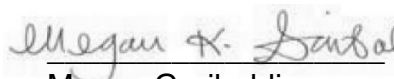There is no fiscal impact associated with this item.

ALTERNATIVES:

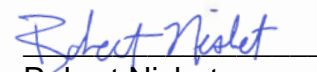The purpose of this report is to update the City Council. There are no alternatives presented.

Reviewed By:	Legal Review By:	Approved By:
Kristine Schmidt	Megan Garibaldi	Robert Nisbet
Assistant City Manager	City Attorney	City Manager

ATTACHMENTS:

1. CCCE FY 22-23 Member Agency Presentation

Attachment 1
CCCE FY 22-23 Member Agency Presentation

Central Coast Community Energy

Presentation to City of Goleta
06.06.2023
Judi Young
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

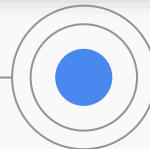MBCP founded by Counties of Monterey, San Benito, Santa Cruz

2020

Service expands to Cities in San Luis Obispo County

2021

CCCE service expands to County of Santa Barbara

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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 unicorporated Santa Barbara
County and Buellton enrolled in 2021/2022

Our Commitment

01   Local Control

02   Competitive Rates

03   Clean and Renewable Power

04   Community Reinvestiment

01 Local Control

Our Governance

County of **Monterey**	City of **Watsonville**	City of **Salinas**	County of **San Benito**	County of **Santa Cruz**	City of **Santa Cruz**	County of **Santa Barbara**	City of **Santa Maria**

COASTAL CITIES	PENINSULA CITIES	SALINAS CITIES	SAN BENITO CITIES	SANTA CRUZ CITIES
Marina Sand City, Seaside **Del Ray Oaks***	**Carmel** * Monterey **Pacific Grove***	Greenfield **Gonzales*** Soledad	**Hollister** * San Juan Bautista	**Capitola** * Scotts Valley

SLO CITIES	SLO NORTH CITIES	SLO SOUTH CITIES	SB COUNTY CITIES	SB COUNTY CITIES
San Luis Obispo* Morro Bay	**Paso Robles*** Atascadero	Arroyo Grande Grover Beach **Pismo Beach***	Guadalupe **Solvang*** Buellton	Goleta **Carpinteria***

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Our Focus

GHG Reductions
Reduce emissions and promote reliability and local control

Electrification
Facilitate adoption of all-electric buildings and transportation

Competitive Rates
Provide affordable energy, competitive with incumbent utility

Economic Growth
Invest in local communities and help develop workforce

02 Competitive Rates

Average Residential Savings

$2% + 7%GHG

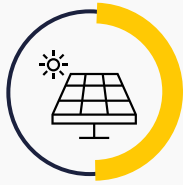Our SCE customers saved almost $800,000 in 2022 and avoided 8,013 metric tons of GHG emissions

03 Clean & Renewable Power
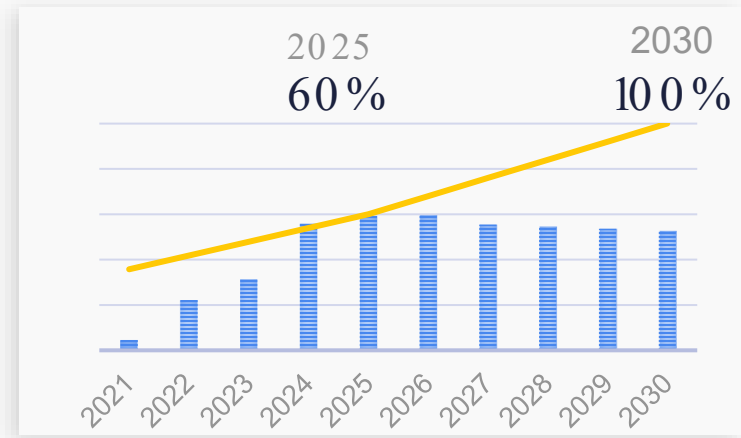
Procurement Targets

2030 Planned Resource Mix

47%
Solar

43%
Wind

10%
Geothermal

2025
60%

2030
100%

2021 2022 2023 2024 2025 2026 2027 2028 2029 2030

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Procurement Mix

Solar + Storage

575 MW generation
183 MW storage
150 MW solar only

Standalone Storage

102 MW

Geothermal

98 MW

Wind

33 MW

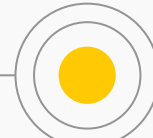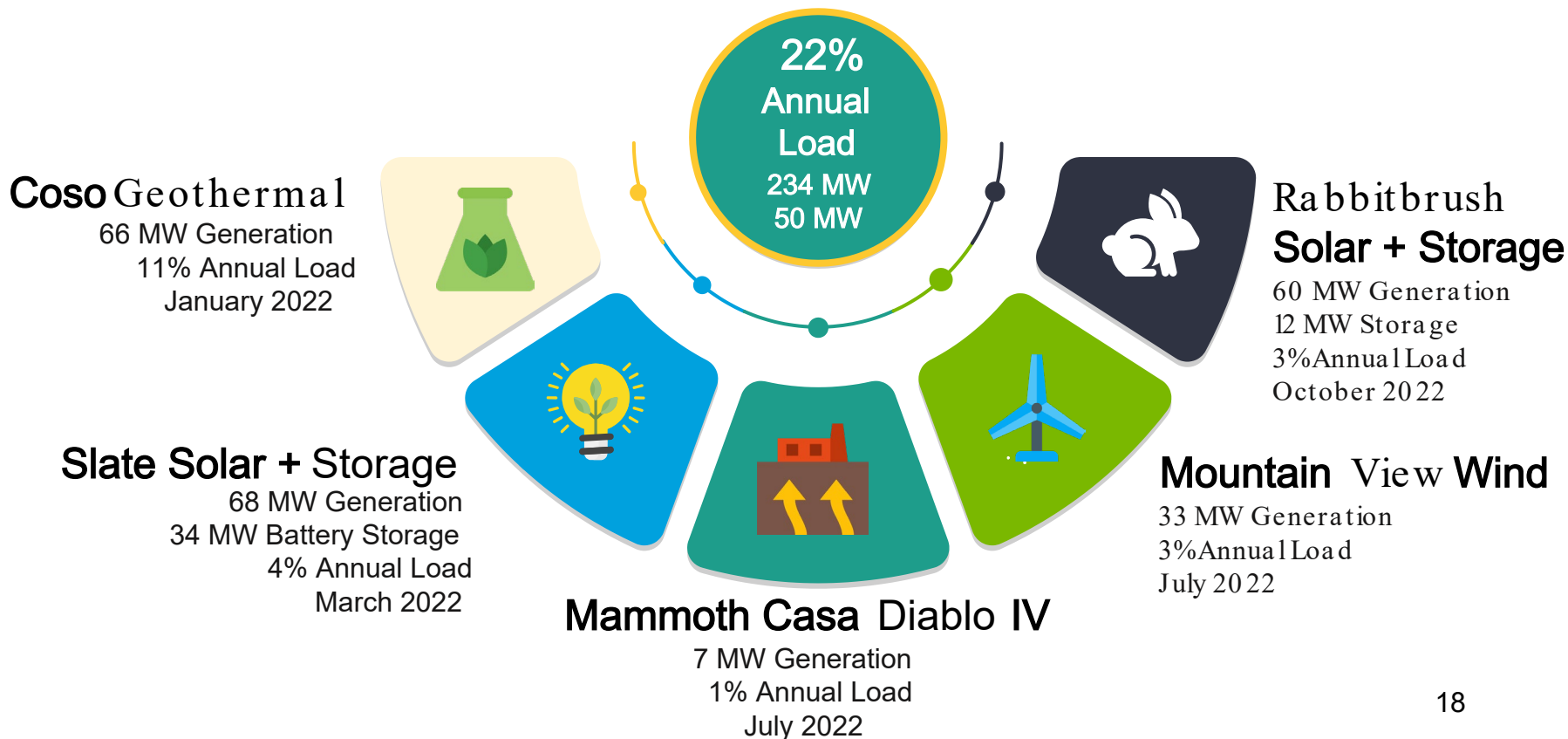Executed contracts for 19 renewable energy projects

9

5

4

1

Projects Online in 2022

22%
Annual
Load
234 MW
50 MW

Coso Geothermal
66 MW Generation
11% Annual Load
January 2022

Rabbitbrush
Solar + Storage
60 MW Generation
12 MW Storage
3% Annual Load
October 2022

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

Mountain View **Wind**
33 MW Generation
3% Annual Load
July 2022

Mammoth Casa Diablo **IV**
7 MW Generation
1% Annual Load
July 2022

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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.

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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 City of Goleta
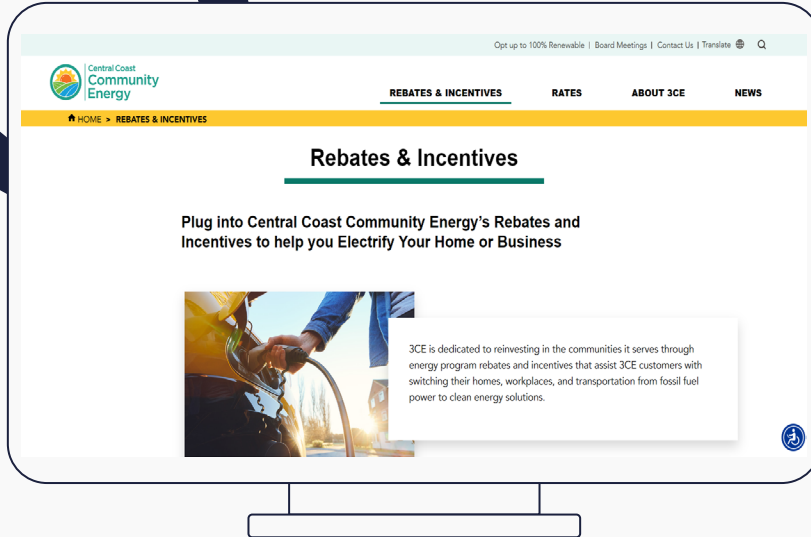# Total Investment: $277,630

Electrify Your Ride

FY 20/21
FY 21/22

$85,130

New Construction
Electrification
Program

FY 20/21

$192,500

3cenergy.org

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Thanks

Do you have any questions?

3CE.org
info@3CE.org

Power Source Map

Central Coast Community Energy

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

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

Long Duration Energy Storage
Monterey County, CA
Storage
Under Development

Slate
Kings County, CA
Solar+Storage
Online

Angela
Tulare County, CA
Solar+Storage
Under Development

California Flats
Monterey County, CA
Storage
Online

COSO Geothermal
Inyo County, CA
Geothermal
Online

Yellow Pine
Clark County, NV
Solar+Storage
Under Development

Jasmine
Kern County, CA
Solar+Storage
Under Development

Aratina
Kern County, CA
Solar+Storage
Under Development

Atlas
La Paz County, AZ
Solar
Under Development

RPCA Storage 1
Santa Barbara County, CA
Storage
Under Development

Victory Pass
Riverside County, CA
Solar+Storage
Under Development

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

Rabbitbrush
Kern County, CA
Solar + Storage
Online

Big Beau
Kern County, CA
Solar + Storage
Under Development

Mountain View Wind Repowering Project
Riverside County, CA
Wind
Online

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Geothermal   Solar   Storage   Wind