



# Annual Member Agency Update

City of Arroyo Grande

February 22, 2022



# How Does CCA Work?

“A Partnership to support shared customers”



Central Coast  
**Community  
Energy**

WHO WE ARE?



Central Coast Community Energy

# CCCE GOVERNANCE

Policy Board: Meets 4 Times Annually including Annual Meeting  
 Operations Board: Meets 10 Times Annually including Annual Meeting  
 Community Advisory Council: Meets 7 Times Annually including Annual Meeting

County of Santa Cruz	City of Santa Cruz	City of Watsonville	County of Monterey	City of Salinas	County of San Benito	County of Santa Barbara	City of Santa Maria	
<b>Coastal Cities</b>  Marina Sand City* Seaside Del Rey Oaks	<b>Peninsula Cities</b>  Carmel Monterey Pacific* Grove	<b>Salinas Cities</b>  Greenfield  Gonzales  Soledad*	<b>San Benito Cities</b>  Hollister*  San Juan Bautista	<b>Santa Cruz Cities</b>  Capitola*  Scotts Valley	<b>San Luis Obispo Cities</b>  San Luis Obispo*  Morro Bay Paso Robles	<b>South County Cities</b>  Arroyo Grande  Grover Beach  Pismo* Beach	<b>SB County Cities</b>  Guadalupe Solvang*  Buellton	<b>SB County Cities</b>  Goleta  Carpinteria*

\*City representative currently serving in a shared seat.

# CCCE ACCOMPLISHMENTS

- 3Choice – clean & renewable offering
- 3Cprime – 100% renewable offering
- 94% enrollment

## Local Choice



- \$50+ million – Customer benefits
- Over \$14 million set aside for FY 21/22 Energy Programs

## Economic Vitality



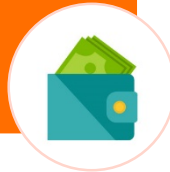
- Contracts with Local Vendors Over \$1,000,000
- 38 full time employees
- 2 offices – Monterey & San Luis Obispo

## Local Support



- Received an A rating with S&P
- Over \$140 Million in Rate Stabilization Fund
- Service and Loans Paid Off

## Financial Stability



- 889 MWs of Renewables – solar, wind, geothermal
- 261 MWs of battery storage
- Pathway to 100% clean & renewable

## Clean Energy



# CCCE's Pathway to 100% Clean and Renewable by 2030

Supporting Affordable Rates, Increasing Renewable Resources, and Accelerating Greenhouse Gas Reduction

CCCE's new energy-supply strategy will provide the following benefits:

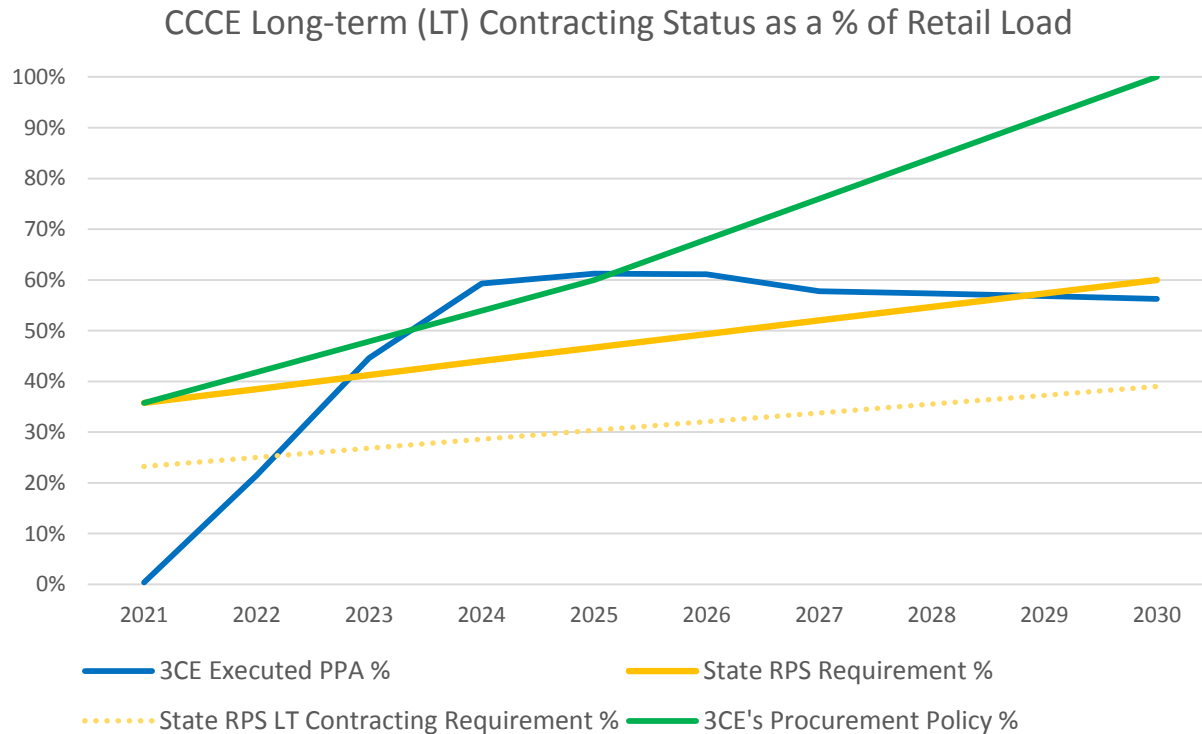
CCCE's goal is to reach 60% clean and renewable energy by 2025 (**5 years ahead** of CA's goal) and 100% by 2030 (**15 years ahead** of CA's goal)

Financially beneficial to customers and CCCE through reduced operating costs of **\$8-15 million/year** allowing for more affordable and stable rates while supporting economic development

Learn more at  
[3cenergy.org/understanding-clean-energy/](https://3cenergy.org/understanding-clean-energy/)

**100%  
Renewable**  
by 2030

# FAST TRACKING NEW ENERGY DEVELOPMENT



CCCE's Executed Contract Summary			
Project Type	Count	Gen Capacity (MW)	Storage Capacity (MW)
Solar + Storage PPAs	9	633	201
Solar Only PPAs	1	150	
Wind PPAs	1	33	
Geothermal PPAs	2	73	
RA Only Agreement	1		60
	<b>14</b>	<b>889</b>	<b>261</b>

**These projects will serve about 61% of CCCE's retail load when all are online, expected in 2025.**



# CCCE COMMITMENT TO RENEWABLE PROCUREMENT

- contracted for approximately \$1 billion in long term solar plus storage contracts since 2018
- shortlisted 7 local projects through its local renewables RFP
- Joined other CCAs to advance long duration storage RFP to support grid reliability through existing and new technologies
- issued an RFQ for up to 100MW of front of the meter battery storage, with the potential to island projects for increased resiliency
  - **We invite the City of Seaside to join this project and identify key sites**





# CCCE HISTORIC RATES & COVID-19 RESPONSE



# GOALS OF 2022 CCCE SERVICE OFFERINGS



PREDICTABILITY

Long-term rate adoption increases predictability and rate stability



SIMPLICITY

Customer choices and transparency improve with simplified customer classes



FAIRNESS

New rates increase customer rate equity throughout customer segments



COMPETITIVENESS

New rate structure maintains competitive rates across all customer segments

<https://3cenergy.org/2022-energy-choices/>



# APPROVED APPROACH TO RATE DESIGN

1. Estimate the total cost necessary to serve all 3CE customers
  - Power procurement
  - Energy Programs
  - Rate stabilization fund
  - Administrative costs
2. Create simple, easily understood customer classes based on size and usage profile
3. Allocate total cost across customer classes
4. Adjust allocations so each class will save a minimum of 1% relative to PG&E
5. Design rates for each customer class to recover costs allocated to that class
6. Rates will go live effective March 1, 2022 for customers within PG&E's service territory



## CCCE Energy Programs

### Overview:

- \$1.3 million in FY 18/19
- \$5.4 million in FY 19/20
- \$6.2 million in FY 20/21
- Estimated \$14.1 million in FY 21/22
  - 4% of operating revenue in FY 21/22

Electrification in building and transportation sectors could result in \$3 billion of untapped revenue market wide

## FY 21/22 Energy Programs



Electrify Your Ride - \$2.8 million - NOVEMBER 2021



School Bus Electrification - \$1 million - OCTOBER 2021



Agriculture Electrification - \$600k - OCTOBER 2021



Residential Electrification - \$1.6 million



New Construction Electrification - \$1.5 million - OCTOBER 2021



Reach Code - \$60k



Battery Energy Storage Pilot - \$350k



Summer Readiness - \$400k



Energy Education, Workforce Development and Innovation Grants - \$1 million



Greenhouse Gas Inventory - \$64k

# Electrification and Innovation Grant Program

## Planning and Implementation

- Funding for planning and implementation projects related to electrification
- Intended for member agencies to electrify their vehicle fleets, municipal properties, and the community infrastructure that serves households and businesses.

## Innovation

- Funding to deploy new and innovative electrification or other clean energy-related technology for municipal or community buildings and/or fleets.
- Intended to foster market transformation, demonstrate scalable and replicable solutions, and identify potential future CCCE energy program concepts.

# Locally Sited Front of the Meter Distributed Energy Storage Project



## Benefits

- **Rate Stability** *reduced energy cost & reduced RA cost*
- **Grid Stability** local power supply, critical period imports reduced => fewer outages
- **Grid services** balance power flows
- **Reduced GHGs** evening dispatch of day-time “solar” electrons
- **Local jobs** building and maintaining facilities
- **Potential “microgrid”** islanding => resiliency

# Medium and Heavy-Duty Vehicle Electrification Program

- Intended to support the electrification of Member Agency medium and heavy-duty fleet vehicles
- Potential applications include street sweepers, refuse trucks, dump trucks, and first response vehicles
- CCCE will reserve funds for qualifying projects and funds will be dispersed once purchases and/or projects are completed
- Intended to work in coordination with city/county purchasing schedules and policies
- Incentives likely to be tied to increased cost of electric models from standard internal combustion options



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Community  
Energy

CLEAN ENERGY. LOCAL CONTROL.

# ELECTRIFY YOUR RIDE

on Electric Vehicles and Chargers



## REDUCE EMISSIONS

Reducing emissions, getting more electric vehicles (EVs) on the road and building more charging stations will increase local and regional adoption rates to meet state and regional climate action goals



## EQUITABLE ACCESS

Providing extra funding for disadvantaged communities and low-income customers will tighten up gaps in equitable access to clean-energy resources



## ELECTRIC VEHICLE REBATES

\$2,000 - \$4,000 in rebates available for purchase or lease of new or used electric vehicles, including motorcycles and e-bikes. Additional stackable funds available, including up to \$15,000 for income-qualified customers



## EV CHARGER REBATES

\$2,400 - \$10,000 available for Level 2 electric vehicle chargers at home or workplace. Includes the labor and material costs for installation, including electrical panel upgrades or replacements

Learn more and apply at [3cenergy.org/electrify-your-ride-program](https://3cenergy.org/electrify-your-ride-program)

Item 6.c.





# City of Arroyo Grande by The Numbers (96.74% Enrollment)

- 8,343 total enrolled customers
- 7,218 Residential
- 1,057 Commercial
- 14 Agricultural

## ENERGY PROGRAM FUNDS

- *Electrify Your Ride* \$18.7k



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# FIELD PROMOTION 2021



Provided lunch & PPE to almost 500 workers and counting

# Salinas & San Luis Obispo



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Item 6.c.

# Customer Resources & Tools

## Phase 1

- Creating resources to help customers get access to data and make informed rate decisions
  - Customer Energy Portal
  - Rate Comparison Tool for Cost of Service

## Phase 2

- Harnessing customer data to integrate energy programs and opportunities for electrification

Enter Account Information English Español

\* PG&E Account Number Help

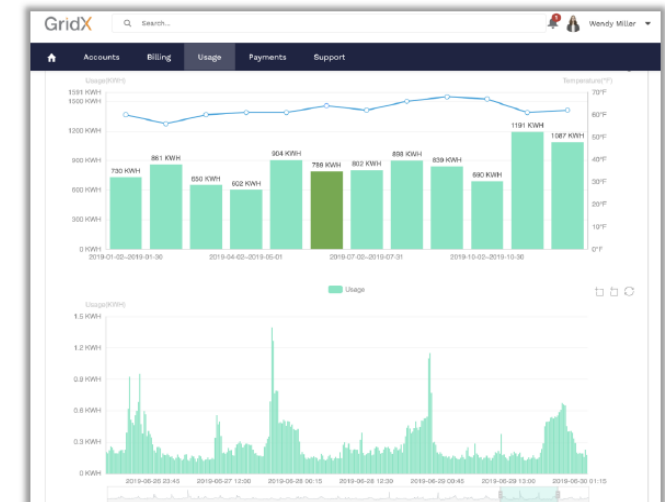
\* Your Last Name or Business Name (as it appears on your PG&E bill)

Please enter your Last Name or Business Names as it appears on your PG&E bill

\* Service Location ZIP Code (as it appears on your PG&E bill)

[\(Don't know your account information? Skip this step.\)](#)

Next



## DON'T MISS OUT!

### IF YOU'RE A BUSINESS IN THE CENTRAL COAST, SIGN UP FOR CENTRAL COAST COMMUNITY ENERGY'S VENDOR REGISTRY

This Vendor Registry allows CCCE to know what organizations and services are available. Vendors registered with CCCE will be contacted directly with business specific Requests for Proposals as they are applicable.

VISIT [BIT.LY/CCCE-VENDOR-REGISTRY](https://bit.ly/ccce-vendor-registry)



# A Unified Central Coast CCA

## Key Updates:

- Adopted Cost of Service rate structure to achieve agency goals
- Working with CCCE member agencies on regulatory and legislative matters that ensure customer fairness and equal access to resources
- Pathway to achieve 100% clean and renewable energy by 2030
- Leveraging Community Advisory Council for outreach and non-voting seat participation on Operations & Policy Boards
- Engaging with the community around development of future programs
- Enrollment of over 140k customers in 2021 & 2022 across 12 communities

# Stay Connected with CCCE

[www.3Cenergy.org](http://www.3Cenergy.org)

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 **1.888.909.6227**

 **@3CEnergy**

 **@3CEnergy**

 **@3CEnergyEnEspañol**

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