CALIFORNIA AGGREGATOR
News and Updates from the California Community Choice Association

$25 Billion Committed by CCAs
14 GW New-Build Resources

CCA POWER
Leading the Clean Energy Revolution

29,000 Construction Jobs Supported
As I look back on 2023, I am continually impressed by the growth and maturation of our members. California CCAs continue to achieve new heights in the energy industry in the state and Westwide, but they are also emerging as standouts on the national stage. The National Renewable Energy Laboratory’s latest report on voluntary green power procurement in the U.S. is a case in point. Nine California CCAs made NREL’s top 10 list for having the most green power customers (see table on page 3).

Still, 2023 was hardly a walk in the park as policymakers grappled with myriad challenges facing the industry. Legislators and regulators continued to focus on procurement and reliability challenges, with the Governor’s Budget Change Proposal in February setting the stage for a deep dive into whether California could achieve its ambitious renewable, clean energy, and reliability goals without intervention. The idea of a central procurement entity combined with the development of offshore wind dominated policy and budget committee hearings. In hindsight, the debate makes more sense as apparently only CCAs were making substantial progress toward state goals for procuring long-lead-time resources like long-duration storage and geothermal. In fact, CCAs collectively exceeded compliance requirements, recognizing that project delays and rising costs could affect the viability of some of the contracted projects. Better to be prepared.

In 2024, we want to refocus the conversation on the customer, specifically through the lens of affordability. How does the clean energy transition impact customers, and what measures can we take to curb rising electricity prices without discouraging electrification? We plan to engage with members and coalition partners through virtual and in-person discussions to explore innovative solutions to issues impacting customers throughout the state. Mark your calendars for our upcoming Annual Conference April 16–18 in San José—it promises to be an invaluable forum for connection and collaboration.

Stay well,

Beth Vaughan
Chief Executive Officer
CalCCA
QUICK TAKES

- CalCCA is thrilled to announce the addition of three new staff members: Jeannette Brown (Director of Operations), Sonia Hennessy (Event Manager), and Teresa Machado (Legislative Manager). Jeannette, Sonia, and Teresa bring a wealth of experience to CalCCA and we are so excited to welcome them to our growing team. You can find bios and email addresses for all CalCCA staff members here.

- CalCCA’s new interactive GIS map is the first to showcase the service territories of all 25 Community Choice Aggregators (CCAs) in California, as well as the territories of Investor-Owned Utilities (IOUs) and Publicly Owned Utilities (POUs). You can also type in your address to find your energy provider. Access the interactive map here.

- CCAs are committed to creating an equitable clean energy economy that supports small and diverse businesses and, to that end, are engaged in a number of initiatives that aim to increase diversity in power procurement and contracting for goods and services. In fact, CCAs’ spending with diverse businesses has increased by 147 percent over the last three years. You can learn more about CCA supplier diversity efforts in their annual reports here.

- California CCAs made quite the debut in the National Renewable Energy Laboratory’s latest annual ranking on voluntary green power procurement. Community choice energy providers were included for the first time in 2022 alongside utilities. The results? Nine California CCAs were ranked in the top 10 nationally for number of green power customers (see table below). You can check out the full NREL report here.

<table>
<thead>
<tr>
<th>Rank</th>
<th>CCA/Utility</th>
<th>No. of Green Power Customers</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Clean Power Alliance</td>
<td>881,572</td>
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<tr>
<td>2</td>
<td>San Diego Community Power</td>
<td>713,633</td>
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<td>3</td>
<td>Ava Community Energy**</td>
<td>641,532</td>
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<td>4</td>
<td>MCE</td>
<td>584,576</td>
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<td>5</td>
<td>CleanPowerSF</td>
<td>383,756</td>
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<td>6</td>
<td>Peninsula Clean Energy</td>
<td>310,901</td>
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<td>7</td>
<td>Silicon Valley Clean Energy</td>
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<td>8</td>
<td>Orange County Power Authority</td>
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<td>Portland General Electric</td>
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<td>10</td>
<td>Sonoma Clean Power Authority</td>
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<tr>
<td>20</td>
<td>Tennessee Valley Authority</td>
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CCA PPA UPDATE

California CCAs have signed more than 300 long-term power purchase agreements (PPAs) for almost 14,000 MW of new-build clean energy resources, adding another 2,700 MW in just the last year, CalCCA announced in November. CCAs are procuring energy resources for over 14 million customers in California, about one-third of the state’s population. CCA PPAs equate to:

- Almost 14 GW of new solar, wind, energy storage, geothermal, and demand response resources.
- Projects totaling more than 5,300 MW that are already operational and serving CCA customers.
- More than $25 billion committed by CCAs to build and operate clean energy resources.
- Support for more than 29,000 construction jobs.

CCAs’ procurement has increased to keep pace with California’s Renewables Portfolio Standard (RPS) requirements through 2024, even exceeding the 2024 forecast target, according to the California Public Utilities Commission (CPUC). CCAs inked the majority of new RPS contracts in 2022 compared to investor-owned utilities (IOUs) and energy service providers (ESPs), resulting in a collective RPS percentage of 55%. You can find a full list of CCA PPAs and a map showing the locations of CCA clean energy projects here.

CCA Cumulative New Build Resources

Capacity and types of energy resources procured by CCAs and their on-line years.
In September, CalCCA hosted the Policymaker and Stakeholder Roundtable Forum at Sonoma Clean Power’s Advanced Energy Center (AEC) in Santa Rosa. The event included frank discussions on mission-critical topics for California’s energy sector, including decarbonization opportunities and challenges, regional coordination, and how CCAs can work with industry partners to accelerate clean energy project development. The day concluded with remarks by Assemblymember Jim Wood, tours of the AEC, and an all–electric cooking demonstration. CalCCA looks forward to convening more energy industry forums in 2024.
WINTER 2024

UPDATES FROM CALIFORNIA’S CCAs

AVA COMMUNITY ENERGY

Launched in 2018, Ava Community Energy (Ava), formerly East Bay Community Energy (EBCE), is the not-for-profit public power provider for more than 1.7 million residents and commercial customers in Alameda County and the City of Tracy, with service extending to the San Joaquin County cities of Stockton and Lathrop in 2025. Visit avaenergy.org for more information.

East Bay Community Energy Is Now Ava Community Energy

On October 24, East Bay Community Energy (EBCE) became Ava Community Energy (Ava). The name change is part of a larger brand refresh for the agency. The new name, and dynamic new look and feel, are designed to help welcome new constituents from outside the East Bay, and to help Ava better communicate the advantages of electrification to all of its customers—from Alameda County to the Valley.

Ava Wins Award for Resilient Critical Municipal Facilities Program

EBCE (now Ava) won Environment + Energy (E+E) Leader’s 2023 Top Project of the Year Award for its Resilient Critical Municipal Facilities Program. This accolade recognized EBCE as an exemplary leader making great strides in energy or environmental management.

While facilities like police stations, fire stations, community centers, and libraries can’t afford to go dark during power outages, local governments often lack available staff time, financial resources, or technical expertise to advance resilient energy projects. EBCE’s Resilient Critical Municipal Facilities Program’s innovative and scalable model provides resiliency backup for critical loads during grid outages while reducing customer energy bills. The project will serve more than 75 facilities in at least 10 cities across the San Francisco Bay Area. Details here.

Ava Launches Energy Incentive Finder Tool for Residential Customers

How is a resident supposed to navigate the complex maze of potential, and constantly evolving, incentives when they want to get the best deal on a heat-pump water heater or electric car? Enter the Ava Incentive Finder, a first-of-its-kind tool in that it pulls data from federal, state, and local sources while also having a scope that spans home electrification as well as transportation electrification.
Launched in 2017 by the cities of Lancaster and San Jacinto, the California Choice Energy Authority (CalChoice) helps cities in Southern California Edison territory participate in Community Choice Aggregation. CCA programs associated with CalChoice include Lancaster Energy (LE), San Jacinto Power (SJP), Apple Valley Choice Energy (AVCE), Pico Rivera Innovative Municipal Energy (PRIME), Pomona Choice Energy (Pomona Choice), Rancho Mirage Energy Authority (RMEA), Santa Barbara Clean Energy (SBCE), and Energy for Palmdale’s Independent Choice (EPIC).

**Palmdale and Pomona Receive Energy Awards**

In September, at the Southern California Regional Energy Network (SoCalREN) 10-year anniversary celebration, the cities of Palmdale and Pomona were recognized for their dedication to advancing sustainable energy initiatives. Palmdale received the Extraordinary Emission Reduction Award, while Pomona was honored with the Decade of Sustainable Excellence Award.

**SBCE and EPIC Inspire on Panel at SoCalREN 10-Year Anniversary Event**

During the same SoCalREN event, SBCE Director of Sustainability and Resilience Alelia Parenteau and Palmdale’s Innovation and Environmental Manager, Benjamin Lucha, were invited to speak on a panel that focused on recognizing energy pioneers and industry leaders who are actively accelerating the shift toward clean energy. During the panel discussion, Alelia and Benjamin shared their insights into how their CCAs are creating a cleaner and more sustainable future in California.

**Air District Approves EPIC Programs**

During Antelope Valley Air Quality Management District’s governing board regular meeting, two projects presented by EPIC passed unanimously. Your Ride is EPIC, a program in which residents receive free or significantly discounted residential electric vehicle charging equipment, was awarded $100,000, making this the fourth program EPIC is expected to launch. Additionally, EPIC’s plan to establish an EV charging station at McAdam Park was awarded $233,506 and includes 100% project funding for six dual chargers to have charging capabilities for 12 cars.

**Santa Barbara Aims to Reach Carbon-Neutrality by 2035**

SBCE is making strides to help Santa Barbara reach its climate goals. The city has set an ambitious target of becoming carbon-neutral by 2035, and the upcoming Climate Action Plan (CAP) update will outline the path to achieve this goal. With SBCE’s support and substantial grant funding from the California State Coastal Conservancy for Climate Adaptation Projects, Santa Barbara is well prepared to continue pushing boundaries in environmental sustainability and working toward becoming carbon-neutral.
Lancaster Energy Furthers Distributed Energy Resources Management System (DERMS)
In 2019, the California Energy Commission awarded Lancaster a $5 million grant to lay the groundwork for its “Advanced Energy Community,” a comprehensive project designed to advance the city’s ongoing renewable energy objectives. Since then, the city and grant team have been working on developing multiple programs, such as a virtual power plant, community microgrid, flexible building and EV loads, and more. These programs and the partnership with Serious Controls to build a customized DERMS platform will help accomplish the city’s energy goals.

Lancaster Energy’s Journey Toward the Hydrogen Frontier
In a recent update, Lancaster Energy shared information about its innovation in the hydrogen space. Lancaster was the first city in the United States to embrace hydrogen power, and in 2019 it became the first “net zero” energy city in the world. Lancaster now generates more clean energy than it consumes, and the city’s CCA program, Lancaster Energy, has served as a pioneer in accelerating the adoption of alternative energy sources, particularly hydrogen.

San Jacinto Power Works to Build Reserves
As the second-smallest CCA in the state, SJP has been working to build up its reserves by offering programs and services that address current needs and challenges for its customers and community. Currently, SJP is working to improve public safety by installing more street lights in the community and establishing new energy savings opportunities through solar and battery storage. Through these initiatives, SJP is able to help customers and local businesses save on energy costs and put their city on a path to a more sustainable future.

Apple Valley Choice Energy Seeking CivicSpark Fellow
AVCE is committed to advancing its environmental and energy programs and has been exploring opportunities to gain different perspectives. The CivicSpark Fellow would work with AVCE to tackle environmental and equity issues through planning and policy support. This partnership would help expand and develop programs to continue on the path of creating a greener and cleaner environment in Apple Valley.

‘CHOICE’ WORDS

Another Big Year for CCAs: “About 5.7 million customers procured about 14.6 million MWh of voluntary green power through CCAs in 2022.” -NREL Status and Trends in the Voluntary Market (2022)
Central Coast Community Energy (3CE) is a not-for-profit public agency that sources competitively priced, clean and renewable electricity for more than 1 million people. The agency is governed by local representatives from the 35 city and county governments it serves. 3CE serves customers throughout the Central Coast, including Santa Cruz, San Benito, Monterey, San Luis Obispo, and Santa Barbara counties. Learn more at 3CEnergy.org and on social media, including Facebook, Instagram, and Twitter.

Pre-Pay Bond Issuance
In October, 3CE priced its first power purchase agreement pre-pay transaction. The $647.8 million bond issuance is projected to save 3CE customers nearly 11.4% in energy costs, which translates to $32.9 million in the cost of energy over the initial seven-year period of the bonds. The bonds received an investment-grade Aa3 rating from Moody’s and a “Green Bonds” designation from Kestrel Sustainability Intelligence.

New Large-Scale Solar and Energy Storage Project Commissioned
Executives from 3CE and Silicon Valley Clean Energy (SVCE) recently celebrated the commissioning of Yellow Pine Solar I, a large-scale solar-plus-storage project in Clark County, Nevada. The project, a subsidiary of NextEra Energy Resources LLC, will generate up to 125 MW of clean, renewable electricity and has a four-hour, 65 MW capacity of battery energy storage—enough to power more than 37,500 homes for a year even when the sun isn’t shining. This additional storage capacity makes the state’s electric grid more reliable and efficient, and renewable energy more accessible. Energy from this new clean and renewable resource will benefit more than 722,000 customers in SVCE's and 3CE's combined service areas.

3CE Solicits Hybrid Natural Gas and Energy Storage Contract
3CE issued in October a request for offers (RFO) ito enter into a long-term hybrid natural gas power purchase agreement. A “hybrid” natural gas resource means the existing generating facility will have installed new energy storage on-site and will share the existing interconnection capacity. The RFO can be traced to the 3CE Policy Board’s direction to reduce emissions for existing generation facilities while also providing stable and lower-cost resource adequacy.
3CE Celebrates Five Years of Service
In September, 3CE hosted its annual meeting in Paso Robles. The two-day public event included speakers from the California Public Utilities Commission and the California Department of Water Resources. Discussions focused on California’s road to decarbonization and the role 3CE and other CCAs, as well as investor-owned utilities, can play on this journey. Elliot Mainzer, president and CEO of the California Independent System Operator, delivered a keynote address about overcoming challenges on the path to a clean power grid. Moderated panel discussions focused on exploring innovative solutions for a clean and renewable energy future and community electrification. Additional topics included electrification and 3CE energy programs, as well as power purchase agreements.

Annual Meeting Highlights:
• Adoption of 3CE’s Fiscal Year 2023–2024 Recommended Budget. This includes updated financial policies and the approval of cost-based rate adjustments.
• Das Williams, First District supervisor of Santa Barbara County, was appointed 3CE Policy Board chair.
• Yvette Brooks, City Council member and former mayor of Capitola, was appointed 3CE Policy Board vice chair.
• Lew Bauman, Rosemary Soto, Virginia Johnson, Matthew McClish, and Kris Damhorst were appointed to three-year terms on the 3CE Community Advisory Council.

3CE’s Building Electrification Incentives Now Include Disaster Relief
3CE’s Electrify Your Home Program now offers enhanced incentives for heat-pump projects at single- and multifamily buildings affected by officially declared natural disasters, such as last winter’s floods. Electrify Your Home provides rebates to local contractors for projects that replace gas-fired HVAC systems and water heaters with electric heat-pump versions, as well as associated electric panel upgrades. These financial incentives reduce the cost to customers and help contractors generate more business. Multi-unit dwellings (MUDs) are eligible for projects in both apartments and common areas, and income-eligible customers receive higher rebates. Community reinvestment is fundamental to 3CE’s mission, and offering enhanced incentives for customers recovering from natural disasters is a way to direct more funds to those in need of assistance.
CLEAN POWER ALLIANCE

Clean Power Alliance (CPA) is the locally operated not-for-profit electricity provider for 30 cities across Los Angeles and Ventura counties, and the unincorporated areas of both counties. CPA is the fourth-largest electricity provider in California and leads the nation in serving the most customers with 100% renewable energy. CPA serves more than 3 million residents and businesses and provides clean renewable energy at competitive rates.

Celebrating the Largest Single Investment in EV Charging Infrastructure in Ventura County History

CPA recently celebrated a $4.8 million investment in Ventura County electric vehicle charging infrastructure—the largest such investment in the county’s history for publicly available charging stations. Half of the total investment is dedicated to EV chargers located in low-income and disadvantaged communities—areas that generally have fewer home charging options and where publicly accessible charging infrastructure provides opportunity. CPA contributed an additional $533,000 of its own funding. The event took place in Arroyo Vista Community Park in Moorpark in October, and distinguished guests included California State Senator Henry Stern.

Local Communities Choose More Renewable Energy, Making Region Cleaner and More Sustainable

Communities that CPA serves have made the decision to choose more renewable energy to serve their residents and businesses—championing the effort to make Southern California cleaner and more sustainable for all. Over two-thirds of CPA’s partner communities have now selected the 100% Green Power option. Since 2018, CPA customers have collectively reduced more than 7 billion pounds of greenhouse gases.

Additional CPA Updates:

- In October 2023, the City of Alhambra transitioned to 100% Green Power as its preferred energy option—which will help reduce 129 million pounds of harmful GHGs each year.
- The City of Paramount has also selected higher levels of renewables and has transitioned to Clean Power, reducing 12.5 million pounds of GHGs each year.
- Unincorporated Los Angeles County continued its three-year transition to 100% Green Power, as businesses went on the fully renewable option this month, joining residents in reducing more than 676 million pounds of GHGs annually.
- In March 2024, the cities of Hermosa Beach, Monrovia, and Santa Paula will each begin service with CPA for the first time. Each community has selected 100% Green as its energy option, reflecting the trend in demand for higher levels of renewable energy.

EV charging celebration (left to right): Ted Bardacke, CEO of Clean Power Alliance; Ventura County Supervisor Janice Parvin; Ali Ghasemi, Executive Director of the Ventura County Air Pollution Control District; and Moorpark Mayor Chris Enegren.
CPA Reaches Financial Milestone with A- Credit Rating
CPA achieved a financial milestone in September by earning an A- issuer credit rating with a stable outlook from S&P Global Ratings. S&P’s report cited several of CPA’s strengths that support the investment-grade credit rating: stable fixed costs and rising liquidity position; no outstanding debt; low exposure to environmental and noncompliance risks due to CPA’s high levels of renewable and carbon-free energy supply; a diverse portfolio of energy suppliers and projects; cost-of-service-based ratemaking combined with a historically stable customer base; and strong governance, including robust financial and operational forecasting and proactive risk management.

CLEANPOWERSF
CleanPowerSF offers renewable, affordable, and accessible electricity to approximately 385,000 residential and business accounts in San Francisco. To date, CleanPowerSF has contracted 467 MW of new wind and solar projects in California and signed four solar-plus–battery–storage contracts. CleanPowerSF delivers at least 50% renewables portfolio standard–eligible renewable energy for its default Green product and 100% RPS–eligible renewable energy for its voluntary SuperGreen product.

San Franciscans Look Good in Green!
In line with CleanPowerSF’s recent SuperGreen campaign, customers received an eye-catching, very green Product Content Label, outlining CleanPowerSF’s 2022 energy mix. Green customers received 60% RPS–eligible renewable energy composed of geothermal, solar, and wind power and a total power mix that was more than 97% “clean” with large hydroelectric resources included. SuperGreen customers received 100% RPS–eligible renewable energy derived from solar and wind power. View the CleanPowerSF 2022 Product Content Label.

Keeping the Lights On for Grid Reliability
In August during the height of the summer heat waves, the San Francisco Public Utilities Commission (SFPUC) hosted a one-hour public educational webinar called “Keeping the Lights On.” The webinar provided an overview of how the electricity grid works in California and how San Francisco’s electricity procurement through CleanPowerSF is helping to advance grid reliability and a clean energy future. There was a high level of interest in this topic, and the event had more than 350 registrations and 140 attendees. The recorded webinar is available for public viewing.

Bay Area CCAs Present to the Mexican Consulate
In August, CleanPowerSF helped spearhead a collaboration with other CCAs, including MCE and East Bay Community Energy, to present information about Community Choice Energy programs during the Binational Education Week for the San Francisco General Consulate of Mexico. The Consulate’s large service area includes Alameda, Contra Costa, Marin, San Francisco, and other counties. This was a great opportunity to reach the Latinx/Mexican community and create awareness of CCAs’ clean energy programs, education programs for students, and efforts to mitigate the climate crisis. More than 800 people viewed the online recording of the event. Watch the Facebook Live Presentation here.
MCE offers renewable, locally controlled, and cost-competitive electricity to more than 1.5 million residents and businesses in 37 Bay Area communities in Contra Costa, Marin, Napa, and Solano counties. MCE customers are part of the long-term solution to green California’s electricity supply while investing in local energy programs. For more information about MCE’s services, visit mceCleanEnergy.org or sign up for our monthly eNewsletter.

Over 75,000 Bay Area Homes Power Up with California’s Biggest Solar-Plus-Storage Project
MCE has officially plugged into its first utility-scale solar-plus-storage project: one of the largest operating solar and storage hybrid facilities in the country. Clearway’s Daggett Solar-Plus-Storage project in San Bernardino County generates 482 MW of solar, combined with 280 MW of energy storage. Built in partnership with I.B.E.W. Local 477, the project created hundreds of union jobs during construction.

CPUC Awards MCE $158 Million for Efficiency, Electrification
The California Public Utilities Commission unanimously approved $158 million for MCE’s energy efficiency initiatives through 2031, nearly doubling MCE’s efficiency budget. With the funding, MCE expects to reduce greenhouse gas emissions equivalent to taking 23,340 gasoline-powered cars off the road and provide hundreds of millions of dollars in customer benefits over the next eight years.

MCE Brings On Line 1.6 MW of Solar in Contra Costa and Napa
MCE has added two new solar projects in Contra Costa and Napa counties to its portfolio. The 1 MW Byron Hot Springs Solar project in unincorporated Contra Costa County has a 20-year term with Renewable Properties, a commercial solar energy developer. Located on top of a storage facility, Napa Self Storage 2 will supply 0.65 MW of solar power over its 20-year term with Shorebreak Energy Developers. Together, the systems will reduce emissions equivalent to planting and growing over 2,464 trees.

MCE Reports $4.58 Million in Energy Efficiency Savings in 2022
MCE released its 2022 Energy Efficiency Annual Report highlighting bold strides to help customers save energy. Residents and businesses received over $2.35 million in rebates to upgrade home and lighting, refrigeration, air conditioning, and more. Low-income, state-designated disadvantaged communities, traditionally underserved by energy programs, received over $1.5 million in no-cost air sealing, insulation, and other efficiency upgrades. Read more here.
Orange County Power Authority (OCPA) offers clean power at competitive rates, offering consumers a choice of three different plans depending on how much renewable energy they want procured on their behalf. OCPA serves over 231,000 commercial and residential customers in the cities of Buena Park, Fullerton, Huntington Beach, and Irvine in Orange County. The Basic Choice renewable energy plan costs 2% less than the local investor-owned utility’s equivalent generation rate.

OCPA Celebrates One-Year Anniversary of Residential Service
A year ago, OCPA launched service to residential customers in four Orange County cities—Buena Park, Fullerton, Huntington Beach, and Irvine. To mark the milestone, OCPA celebrated with community events and activities, as well as its first paid advertising campaign with an underlying theme of “gratitude” because Community Choice Aggregation would not be possible without support for community energy and customers choosing a greener future by staying with OCPA as their electricity provider.

Chalk Art for Climate Action
In Irvine, OCPA’s founding member city, community leaders, climate action partners, and media were invited to celebrate with a photo opportunity around a large, commissioned chalk art message declaring “Climate Action Starts Here.”

‘Thank You’ Advertising Campaign
This past summer, OCPA launched its first fully integrated paid advertising campaign with social media, print newspaper, and out-of-home advertising (bus shelters, electronic billboards, and movie theaters) to celebrate its one-year anniversary of residential service. View the 30-second gratitude commercial here.

E-Bike Giveaway
To help increase sign-ups for its newsletter during the anniversary month, OCPA secured an e-bike donation from Rad Power Bikes as an incentive for customers to sign up for the newsletter during the month of October to be automatically entered into a drawing to win the bike. Nearly 1,000 new subscribers were cultivated during the month of October.

Bright Futures Grants Awarded
OCPA awarded its first Bright Futures Grants to four local nonprofits, which use the funding toward efforts to educate communities on the benefits of renewable energy and Community Choice Aggregation. Particular focus was given to organizations focused on underrepresented communities and multilingual campaigns, as well multiple-partner collaboration.
ORANGE COUNTY POWER AUTHORITY (cont.)

The four recipients are:

- **Climate Action Campaign** to conduct multilingual outreach and education in Buena Park and Fullerton to build community support for development of climate action plans.
- **Cool Irvine** to expand programming to reach overlooked and underserved communities in Irvine and share sustainable living strategies.
- **OC Goes Solar**, a collaboration with Climate Reality OC, to expand community engagement and education in renewable energy, energy efficiency savings and Community Choice Aggregation to diverse communities.
- **Pretend City Children’s Museum** to provide hands-on science, technology, engineering, arts, and math experiences focused on renewable energy sources like solar and wind turbines.

*Sustainably Speaking with Joe Mosca, Now Streaming on YouTube*

As part of its ongoing mission to inform Orange County residents and businesses about Community Choice Aggregation, OCPA launched a new video series on YouTube with Interim CEO Joe Mosca interviewing members of OCPA’s board of directors and climate action advocates about issues surrounding climate change. The first episode features a discussion with OCPA Board Chair Fred Jung about the importance of OCPA at a time when many feel overwhelmed about all that needs to be done to fight climate change. Two new episodes will be released soon. Check it out!

Peninsula Clean Energy

Peninsula Clean Energy is the official electricity provider for San Mateo County and the City of Los Banos. Founded in 2016, with a mission to reduce greenhouse gas emissions, the agency serves a population of 810,000 by providing 3,600 GWh annually of electricity that is 50% renewable and 100% clean and at lower cost than Pacific Gas & Electric. Peninsula Clean Energy is on track to deliver electricity that is 100% renewable by 2025.

**Peninsula Clean Energy Taps 220 MW of Wind Power**

Peninsula Clean Energy will receive 220 MW of wind power as part of the largest renewable energy procurement project contract the agency has signed to date. Peninsula Clean Energy will begin receiving power for 15 years in 2026 from Pattern Energy’s SunZia Wind project in New Mexico, which will be the largest wind farm in the Western Hemisphere. This project will supply 13% of the agency’s total annual electricity demand.

**Brisbane Ribbon Cutting**

Peninsula Clean Energy joined the City of Brisbane and partners at a special ribbon-cutting to celebrate rooftop solar panels and electric vehicle charging at the Mission Blue Center, a critical emergency shelter for Brisbane residents. The solar project is part of GovPV, Peninsula Clean Energy's program to place solar panels...
on government facilities, and is among the first to utilize the direct-pay benefits included in the federal Inflation Reduction Act. This allows qualified tax-exempt project developers to directly claim the full value of the 30% federal Investment Tax Credit without having to share the value of the credit with a tax equity partner. The result is a lower PPA price and higher energy savings for the city and county facilities where these projects will be installed.

In the Community
Peninsula Clean Energy collaborates with 12 community-based organizations (CBOs) to provide outreach to our customers in English, Spanish, Mandarin, Cantonese, Tagalog, and other languages. We’ve sponsored, tabled, and/or presented at 30 events over the last three months. In October, we sponsored a Spanish-language EV Showcase featuring recent participants in our Used EV Rebate program as well as the All-Electric Homes Tour—which featured 15 fully electric homes across San Mateo County—and presented to 100+ middle and high school students at the San Mateo County Environmental Youth Leadership Summit.

PIONEER COMMUNITY ENERGY

Pioneer serves unincorporated Placer and El Dorado counties and the incorporated areas of Auburn, Colfax, Lincoln, Loomis, Placerville, and Rocklin, powering the communities it serves with competitive rates, reliable service, and a choice of energy options. Pioneer serves more than 150,000 residential and commercial customers. In January 2024, Pioneer will become the electricity provider for Grass Valley and Nevada City.

Pioneer’s Newly Branded Website Receives Several Prestigious Awards
Pioneer Community Energy’s newly branded website, which launched earlier this year and now contains a chatbot, has received a series of awards for using web creativity and digital communication to improve and enhance customer service. Awards include a Gold Award by dotCOMM, an international competition administered by the Association of Marketing and Communication Professionals (AMCP), and a MarCom Gold Award in the Digital Media Website Redesign category. The Public Relations Society of America/Sacramento Chapter also awarded Pioneer the Influencer Award for the Pioneer website and the Merit Award for the Pioneer chatbot. All four awards recognize Pioneer for transforming how it communicates about its products and services.
Launched in 2017, the Redwood Coast Energy Authority serves over 63,000 customers in Humboldt County, including the Blue Lake Rancheria, the Yurok Tribe, and the cities of Eureka, Arcata, Fortuna, Ferndale, Blue Lake, Rio Dell, and Trinidad. RCEA offers “REpower” 32+% renewable and “REpower+” 100% renewable and carbon-free energy service options.

RCEA Spearheads RuralREN Program
After completing the term for its elect-to-administer energy efficiency program, RCEA’s demand-side management department is ramping up to launch the Rural Regional Energy Network (RuralREN) in 2024. The California Public Utilities Commission recently approved the formation of the RuralREN, expanding access to energy efficiency services for customers and communities in 31 rural California counties. RCEA is the program administrator for this partnership bringing equity, financing, codes and standards, workforce education and training, and energy-upgrade incentive programs to hard-to-reach and disadvantaged customers.

Bioenergy Procurement
In September, RCEA staff convened the inaugural meeting of its Biomass Technical Advisory Group (BTAG) to discuss issues surrounding current and future bioenergy procurement and to learn about the state’s BioMAT program that is becoming available to CCAs. Formation of the BTAG is a resulting action item from RCEA’s strategic plan update in 2019, and the group is made up of a variety of local experts from many sectors including the U.S. Forest Service, Air Quality Management District, lumber industry, Cal Poly Humboldt, and Humboldt County Department of Health. The BTAG will meet quarterly and provide recommendations to RCEA’s board of directors regarding decisions on biomass procurement.

RCEA Assembles Community-Based E-Bike Voucher Program
RCEA is poised to launch a local e-bike voucher program in coordination with the pending California E-Bike Incentive Project. The local voucher is available to all CCA customers, with higher amounts for income-qualified, cargo, and adaptive bike participants. E-bike eligibility includes safety and repair criteria to ensure successful, long-term e-bike adoption. We anticipate high demand, so our team is working with community-based organizations to prepare income-qualified customers for quick response when the state voucher program launches.

RCEA Hosts Webinars, Workshops, and Open Houses
In August, RCEA held informational events for residential and commercial community members. RCEA’s transportation team presented a workshop for medium-duty and heavy-duty fleet operators. Staff discussed the California Air Resources Board’s Advanced Clean Fleets regulation and shared resources for both private- and public-sector fleet operators. Additionally, RCEA’s demand-side management team organized a webinar on demand-response programs for residents and businesses in Humboldt County. Attendees learned how DR programs allow them to actively manage their energy usage and save money or earn incentives. To help residents and businesses choose a program, RCEA created a Demand Response Provider Referral List through a request-for-qualifications process. CPower, Enersponse, and Olivine are the three DR providers on RCEA’s referral list that are registered with the CPUC. In October, RCEA hosted an open house for contractors and vendors to learn about programs, rebates, and resources. Contractors and vendors were engaged with RCEA’s Energy Advisors as they learned about our updated rebates and opportunities.
San Diego Community Power (SDCP) is the electricity provider for the cities of Chula Vista, Encinitas, Imperial Beach, La Mesa, National City, and San Diego, as well as the unincorporated communities of San Diego County. Formed in 2019, SDCP is now serving nearly 1 million customers and is the second-largest CCA in California.

**SDCP and San Diego Padres Celebrate Local Businesses Committing to 100% Clean Energy**

In August, SDCP partnered with the Padres and the San Diego Regional Chamber of Commerce to celebrate small business “Power100 Champions” who have opted up to use 100% renewable electricity, and called on others to follow their lead. The press event was held at Petco Park, the first MLB ballpark in the National League to be powered by 100% clean energy. It featured several speakers, including local leaders and the founder of San Diego’s own Bivouac Ciderworks, Lara Worm, who spoke about how being a Power100 Champion makes the sustainable choice the easy choice.

**SDCP Sponsors Connect’s Innovation Day**

This fall, SDCP worked with local nonprofit and startup accelerator Connect to bring cleantech to the forefront of Innovation Day, an annual event held by Connect that brings together local leaders and innovators from across the San Diego region. SDCP sponsored the event’s Cleantech Alcove, where CEO Karin Burns was a featured speaker. Burns participated in a fireside chat with Cleantech CEO Jason Anderson, where they discussed the importance of adaptability and collaboration in the cleantech and sustainability spaces.

**Green.Org Summit Features SDCP CEO Karin Burns**

SDCP CEO Karin Burns was a featured presenter and panelist at Green.Org’s Green Summit, where leaders in the business and technology space shared their visions for a sustainable future. Burns gave a 15-minute presentation on climate equity and was one of three panelists on the summit’s San Diego Community Leaders Panel. Burns was also featured on Green.Org’s podcast, the Green Podcast, where she shared about San Diego Community Power and how CCAs like SDCP are working to combat climate change. Listen to Burns’ feature on the Green Podcast [here](#).
San José Clean Energy (SJCE) serves approximately 350,000 customers in the City of San José, the largest city in the Bay Area and one of the nation’s most diverse. SJCE launched service in February 2019 to most residents and businesses. SJCE’s total annual load is approximately 4 TWh, and peak demand is approximately 1 GW. SJCE offers two clean energy options: GreenSource is SJCE’s standard service with 60% renewable energy, and TotalGreen is SJCE’s premium service for 100% renewable energy. SJCE also offers SJ Cares, which gives customers with low incomes an extra 10% discount on SJCE’s rates.

**SJCE’s Solar Access Program Wins Second Award**
The Institute for Local Government awarded SJCE its Beacon Leadership & Innovation Award for SJCE’s Solar Access program. The award recognizes local government agencies for implementing collaborative, inclusive, and equitable climate resilience and adaptation programs in their community. Solar Access is SJCE’s disadvantaged-community green tariff program. It sources 100% solar energy for eligible customers and gives them an extra 20% bill discount. SJCE received approval from the California Public Utilities Commission to implement the program in 2021. Over 800 households are enrolled. San José Mayor Matt Mahan and Councilmember David Cohen presented SJCE staff with the Beacon Leadership & Innovation Award during a City Council meeting in October.

**Bringing Racial Equity to the Forefront**
SJCE has created a racial equity committee comprised of staff members from different backgrounds and roles—professionally and personally. This committee works on SJCE’s racial equity plan to ensure real progress. A few accomplishments from the committee so far include:

- Finalizing the 2023-2024 Racial Equity Plan, which includes goals to improve engagement with diverse communities, develop a workforce that reflects the diversity of San José, reduce energy burden and power disconnections, and increase the diversity of businesses we work with.
- Launching a communications plan to help SJCE customers keep the lights on and avoid disconnection.
- Making operational changes to improve supplier diversity.

SJCE held its first in-person racial equity training session in October. This training was conducted by The Justice Collective and taught the effects of racial inequity in energy. This will be part of ongoing racial equity training.
RA Market Price Increases
As many electricity providers know, resource adequacy (RA) prices are shockingly high—higher than even a few months ago, when a state legislative analysis noted that "both system and local RA prices have been increasing significantly over the last few years and are projected to be even higher for the coming summers." That statement was written last April, when RA prices were "only" in double digits. Just a few months later, triple-digit RA prices were evident. San José Clean Energy is fully compliant for 2023 and the 2024 year-ahead showing. However, paying exorbitant prices to achieve regulatory compliance comes at more than just an immediate financial cost for SJCE—customers experience higher energy bills.

Supporting Union Labor
Since launching in 2019, SJCE has successfully contracted $2 billion for over 700 MW of new renewable energy and battery storage. Entering into long-term agreements helps meet climate and reliability goals while reducing electricity costs for customers. In negotiations, SJCE encourages power suppliers to adopt labor-friendly policies—here are the results as of October:

- Over 1,900 union jobs and 900,000 working hours are estimated to result from long-term power agreements.
- $1.1 million in community and workforce development funds have been committed to San José. SJCE staff plan to request approval from the City Council to develop a building electrification workforce development program that includes relationships with skilled labor groups.
- All our power purchase agreements require prevailing wages.

CalCCA TIP
More than 200 towns, cities, and counties throughout California have chosen to participate in Community Choice Aggregation. Do you live in a community that’s powered by CCA? Find out using our new lookup tool here.
Launched in April 2017, Silicon Valley Clean Energy serves 277,000 residential and business customers in Campbell, Cupertino, Gilroy, Los Altos, Los Altos Hills, Los Gatos, Milpitas, Monte Sereno, Morgan Hill, Mountain View, Saratoga, Sunnyvale, and unincorporated Santa Clara County. As a public agency, net revenues are returned to the community to keep rates competitive and promote clean energy programs. Silicon Valley Clean Energy is advancing innovative solutions to fight climate change by decarbonizing the grid, transportation, and buildings. Learn more at SVCleanEnergy.org.

Micro Case Studies for Going Electric
The Silicon Valley Clean Energy Electric Showcase Awards recognized 13 homeowners, an apartment complex, a synagogue, and a hair salon for taking positive actions to reduce local emissions and create safe, healthy buildings in SVCE communities. Winners received between $5,000 and $10,000 for sharing their stories. Through the program, SVCE developed 16 micro case studies of properties built between the early 1960s and the 2020s. The case studies capture the variety of ways residents and businesses can go electric—from one appliance at a time to mapped-out remodels. View the case studies here.

Local Grants Mitigate Climate Change Impacts and Reduce Emissions
In the past few years, SVCE has awarded over $8 million in grants to municipalities to help them improve air quality, avoid emissions, and reduce the local impacts of climate change. This summer, two successful projects utilizing SVCE funding were completed.

- The City of Los Altos used a $125,713 Community Resilience grant from SVCE to implement the “Cool Pavement” coating pilot project. The pilot project aims to lower land surface temperature by reflecting solar heat instead of absorbing it.
- SVCE provided a $500,000 Decarbonization Demonstration Grant to the Sunnyvale School District for a clean building upgrade at Vargas Elementary School. Combining the grant with additional funding, the project replaced the school’s old gas furnaces with 12 new electric heat pumps that will improve air quality and serve as a demonstration project for other schools and buildings.

Gas furnaces were removed and replaced with clean electric heat pumps at Vargas Elementary School.
SVCE Contracts for New Solar and Battery Storage Projects
In August, SVCE executed two new power purchase agreements for clean energy and storage projects, each for 15-year terms. Grace Solar, a new-build solar project, is slated to come online in 2027 and provide SVCE 120 MW. Yellow Pine III, a new battery energy storage project, is slated to be on line in 2025 and will provide 15 MW of battery capacity with a four-hour discharge (460 MWh). The battery storage will count toward SVCE’s resource adequacy requirements and midterm reliability obligations, which helps to ensure grid reliability and energy availability.

From Signatures to Steel in the Ground—Solar Project Comes On Line
SVCE recently celebrated the commissioning of Yellow Pine Solar I, a new-build, large-scale solar and battery energy storage project that began providing power. Yellow Pine Solar I, a subsidiary of NextEra Energy Resources LLC, located in Clark County, Nevada, will generate up to 125 MW of clean, renewable electricity and has a four-hour, 65 MW capacity of battery energy storage. This is enough energy to power more than 37,500 homes annually.

SONOMA CLEAN POWER
Sonoma Clean Power provides cleaner electricity and energy-related climate solutions to Sonoma and Mendocino counties. In downtown Santa Rosa, SCP operates the only Advanced Energy Center in the United States, dedicated to helping customers transition to 100% renewable energy for their homes, businesses, and cars. SCP is also the only power provider in California offering 100% renewable, locally generated energy 24 hours per day, every day of the year.

SCP Hosts an EV Showcase for National Drive Electric Week
In September, Sonoma Clean Power and the North Bay Electric Auto Association hosted an electric vehicle showcase at SCP’s Advanced Energy Center in Santa Rosa. The community event, aimed at engaging both novice and seasoned EV enthusiasts, attracted over 300 people. Throughout the day, attendees received educational presentations in both English and Spanish, checked out a number of EV models on display, and asked local EV owners about the benefits and challenges of making the switch.

Over 300 people attended SCP’s electric vehicle showcase.
SONOMA CLEAN POWER (cont.)

Celebrating Hispanic Heritage Month at the SCP Center
In honor of Hispanic Heritage Month, SCP hosted two exciting events in October. The first was called ¡Échense un taco con Sonoma Clean Power! The community was invited to bring the whole family to SCP’s Advanced Energy Center for food, beverages, music, and induction-cooking demonstrations by local restaurant La Texanita. Attendees also got to learn more about SCP through presentations and mingling with staff. The second event was held to celebrate the Season 2 premiere of SCP’s original telenovela, “Por el Mañana.” The gathering included food, live music, and notes from the cast members. You can watch the official trailer for a sneak peek.

Award-Winning Marketing Campaign
Sonoma Clean Power received three Gold Davey Awards and two Gold Muse Creative Awards for its yearlong brand campaign, Powering Everyday Moments. The lifestyle campaign aimed to create an emotional connection with customers by portraying the many ways that SCP and clean electricity power the “moments that matter” in their lives.
CALCCA MEMBERS

- Apple Valley Choice Energy
- Ava Community Energy
- Central Coast Community Energy
- Clean Energy Alliance
- Clean Power Alliance
- CleanPowerSF
- Desert Community Energy
- Energy for Palmdale’s Independent Choice
- Lancaster Energy
- MCE
- Orange County Power Authority
- Peninsula Clean Energy
- Pico Rivera Innovative Municipal Energy
- Pioneer Community Energy
- Pomona Choice Energy
- Rancho Mirage Energy Authority
- Redwood Coast Energy Authority
- San Diego Community Power
- San Jacinto Power
- San Jose Clean Energy
- Santa Barbara Clean Energy
- Silicon Valley Clean Energy
- Sonoma Clean Power
- Valley Clean Energy

AFFILIATE MEMBERS

- Butte Choice Energy
- City of Corona
- Kings River Conservation District
- Tuolomne County