CALIFORNIA AGGREGATOR

The Quarterly Report of the California Community Choice Association

CCAs: Forging Ahead

- Responding to COVID-19

- Advancing Energy Resilience

- Signing Long-Term Clean Energy Contracts

- Improving Air Quality through Electrification

- Boosting Energy Efficiency

- Earning Investment-Grade Credit

- Exploring New Technologies

SUMMER 2020

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OPENING LINES

As a nation, and here in California, we are facing challenges on multiple fronts. The global pandemic continues its rampage, causing unimaginable suffering, death, and economic hardship. Systemic racism lives throughout our country, as evidenced by the killing of George Floyd and other black Americans. Fighting and dysfunction due to political and cultural differences is yet another insidious impediment to progress.

So, how do we continue to meet the daily demands of our jobs as the world spins out of control? The association's work hasn't gone away — if anything, it has intensified. As CalCCA and CCA staff transitioned to a work-from-home model, the workday seemed to get longer, with more calls and meetings that begin at sunrise and often extend into the evening. Especially challenging is keeping the fabric of the workplace intact while not putting more pressure on staff and families whose kids are homebound.

Alleviating anxiety and maintaining sanity at an insane time requires awareness, empathy, and — to put it simply — kindness to others. I have observed that these are the underlying traits that make up the culture of CCAs. As local government entities, CCAs are taking action to help and improve their communities.

CCAs in the last few months have launched myriad COVID-19 relief initiatives; signed long-term contracts for hundreds of megawatts of new clean energy resources that will be built in California and help the state stay on track to reach its climate goals; and advanced numerous resilience projects to reduce impacts of Public Safety Power Shutoff (PSPS) events during wildfire season. Importantly, they are continuing to step up their efforts to address the needs of low-income customers and to advance equity, inclusion, and racial justice. In a nutshell, CCAs are forging ahead.

At the same time, community choice energy providers are facing difficult challenges, including an ever-increasing and volatile PCIA (exit fee) and a recent decision by the CPUC that establishes investor-owned utilities as central buyers for local resource adequacy. Like other load-serving entities, CCAs must contend with non-payment of energy bills, potentially impacting revenues. Additionally, construction of renewable energy projects is being monitored closely to mitigate potential delays due to COVID-19 impacts.

CCAs remain a bright light in California's energy landscape, driving economic growth, job creation, and resilience when they are most desperately needed. Aggregators are natural partners in California's recovery efforts and stand ready to accelerate the work they are doing to fight climate change and advance more equitable outcomes in underserved communities. The CCA mission has never been more critical.

Stay well,

Beth Vaughan
Executive Director, CalCCA

"Community choice aggregators, programs that allow cities or counties to buy energy for their residents, are a bright spot for energy-resilient offerings. While both California utilities and CCAs are tasked with finding resilience solutions, the CCAs are the first to offer solar-plus-storage programs to their customers." How local energy providers are ensuring energy resilience, **GreenBiz**, 7.7.20

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QUICK TAKES

- CalCCA is growing! We now have 24 members as of July, as well as several affiliates. Our newest members include Clean Energy Alliance, San Diego Community Power, and Western Community Energy. And CalCCA's board has a number of new directors: Katie Barrows (Desert Community Energy), Barbara Boswell (Clean Energy Alliance), Cody Hooven (San Diego Community Power), and Tyler Masters (Western Community Energy). Don Eckert, Pioneer Community Energy's new executive director, has also joined the board.
- In June, a group of CCAs issued a joint request for information for long-duration storage technologies. Thirteen community choice energy providers participated in the RFI, which drew 31 responses with 58 different project entries, most with 8-, 12-, or 16-hour durations. Technology types include chemical flow battery, thermal storage, pumped hydro, compressed air, and lithium-ion battery. The info collected will inform forthcoming requests for offers and help the CCAs in their long-term resource planning efforts.
- CalCCA has expressed strong support for the California Energy Commission's efforts to advance all-electric buildings and electric vehicle charging infrastructure in the forthcoming 2022 building code update. To date, approximately 30 CCA member jurisdictions, representing a mix of climate zones, have adopted reach codes that promote electric buildings, and many others are considering adoption. "CalCCA's members are committed to reducing greenhouse gas emissions and, as local government agencies, are well positioned to work with the state to achieve long-term decarbonization goals," CalCCA noted in a recent letter to the CEC.
- Have you checked out CalCCA's popular new Community Energy Innovation webinar series? The monthly webinars, sponsored by Calpine Corporation and Calpine Energy Solutions, provide a platform for CCAs and their partners to share experiences in a variety of focus areas, including energy resilience, customer programs, and power procurement. Webinars take place on the last Friday of the month. We invite you to join in and participate! Information on CEI webinars, including links to recordings of past webinars, can be found here.

Join our Partner Program!

CalCCA partners strengthen their connection to the CCA community through exclusive event, networking, and information-sharing opportunities. Eligible partners may include vendors, suppliers, developers, service providers, nonprofit organizations, trade associations, or individuals that provide services to or work in coordination with California CCAs. There are four partner levels to choose from – Capstone, Executive, Select, and Supporting – each offering ways to raise a partner's profile in a large and growing segment of California's electric sector.

For more information about the CalCCA Partner Program visit cal-cca.org/about/partners.

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UPDATES FROM CALIFORNIA'S CCAs

CLEAN POWER ALLIANCE

Launched in 2018, Clean Power Alliance serves approximately 1 million customer accounts in 32 communities across Los Angeles and Ventura counties.

CPA Releases Roadmap on Local Energy Priorities
CPA approved its first Local Programs for a Clean Energy Future strategic plan in June. The plan calls for $200 million in local renewables investment and a mix of customer programs promoting electric vehicles and buildings, demand response, and low-income community solar.

To ensure the plan reflects the needs of its diverse service territory, CPA engaged with hundreds of customers and stakeholders in person and online in English, Spanish and Chinese. Their input was combined with rigorous quantitative analysis and guiding leadership from CPA's board of directors and Community Advisory Committee to inform a visionary plan that will guide customer programs over the next five years.

Community Partners Help Spread the Word
CPA's Community Based Organization (CBO) Outreach program is underway, with CBO grantees actively engaging customers in disadvantaged communities in CPA's service territory. CBO grantees are educating, empowering and connecting customers to CPA resources. Last month, CBO partners participated in their second virtual training to help customers enroll in the CPA Power Response program and benefit from financial incentives to reduce peak energy use.

CPA's hardworking CBO partners include Breathe LA, Climate First: Replacing Oil and Gas (CFROG), Filipino American Chamber of Commerce, South Bay LA, MERITO Foundation, and Temple City Chamber of Commerce.

CLEANPOWERSF

CleanPowerSF offers renewable, affordable and accessible electricity to more than 380,000 San Francisco residents and businesses.

Renewable Energy and Community Investments
In 2020, CleanPowerSF expects to deliver at least 50% renewable energy for its default Green product. To date, CleanPowerSF has contracted with 372.9 MW of new renewable energy facilities across California. CleanPowerSF recently partnered with NextEra Energy Resources to provide $170,000 in grant funding to support food banks and other essential programs in Blythe, California, that were impacted by COVID-19. The grant funding is part of a CleanPowerSF contract with NextEra Energy Resources to expand a solar project that will supply renewable energy to CleanPowerSF customers.

CLEANPOWERSF (cont.)

COVID-19 Response
In response to the COVID-19 crisis, CleanPowerSF has been closely monitoring developments and pro-actively reaching out to customers to provide information, resources and support. In June, CleanPowerSF launched a customer e-newsletter and implemented a multilingual advertising and direct mail campaign to inform customers of bill discounts, flexible payment plans and other customer support. During the state of emergency, CleanPowerSF will not return customers to Pacific Gas & Electric service as result of late payment. For more information about CleanPowerSF's COVID-19 response, visit: www.cleanpowersf.org/covid-19.

Community Power Updates
CleanPowerSF hosted two virtual Community Power Updates for stakeholders and community partners to provide an update on the program since completing full enrollment and to solicit feedback on current initiatives. The meetings covered CleanPowerSF's marketing and outreach efforts, policy and legislative priorities, and information on the program's integrated resource planning process.

EAST BAY COMMUNITY ENERGY

Launched in 2018, East Bay Community Energy serves ~550,000 customers in Alameda County including in Albany, Berkeley, Dublin, Emeryville, Fremont, Hayward, Livermore, Oakland, Piedmont, San Leandro, Union City and the county's unincorporated areas.

COVID Relief Efforts Continue
In CalCCA's Spring 2020 report, East Bay Community Energy reported a $1.5 million commitment to local COVID relief funding efforts. Most of that was allocated to funds administered by EBCE member cities, and the balance was awarded to local nonprofits that provide COVID relief, such as the food bank and Meals on Wheels. Since then, EBCE issued two competitive grant funding rounds that are additional to the $1.5 million. The initial funding details are here. The second round allocated $250,000, and the third round will award $200,000 more, for a total of almost $2 million. Further, EBCE embarked on a marketing campaign to enroll customers in the California Alternate Rates for Energy discount program that included digital and print ads, social media, email, and outbound calls. EBCE's board also extended the policy of suspending collections until at least September 15.

Oakland Clean Energy Initiative Project Expanded
Readers of this report are familiar with EBCE's role in the development of a battery energy storage project in Oakland near Jack London Square that will allow the retirement of the fossil-fueled Oakland Power Plant. In April, EBCE's partners announced an increase in the size of its battery energy storage project at the site. The battery will now have a capacity of 36.25 MW/145 MWh instead of the previously announced capacity of 20 MW/80 MWh. The battery storage project is expected to begin commercial operation by January 2022.

CalCCA TIP

You can find CalCCA policy positions and our latest regulatory filings on the Policy page of our website: https://cal-cca.org/regulatorylegislative/.

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EAST BAY COMMUNITY ENERGY (cont.)

EBCE Statement on Racism
As an organization, EBCE is committed to ensuring that it operates in a way that is safe, equitable and inclusive for our staff members. As such, EBCE is developing new strategies around diversity, equity and inclusion. EBCE also issued a Statement on Racism that begins:

"At East Bay Community Energy (EBCE), we believe that Black Lives Matter. The murders of Ahmaud Arbery, Breonna Taylor, George Floyd, and Tony McDade have rightfully sparked national outrage and a long overdue public dialogue about anti-Black racism. We grieve for the many families who have lost loved ones, and we stand united with our communities against any form of racism, discrimination, or injustice. In our commitment to racial justice, we seek to look to our own industry and be leaders in addressing racism and inequity in the energy field."

EBCE has printed and distributed 7,000 cloth PPE masks. EBCE's Jamal Bernardez (right) at a mask distribution point in Oakland, giving a boxful of hundreds of masks to Laurie Goldman (left) of East Bay FeedER, a volunteer-run local partner of World Central Kitchens.

LANCASTER CHOICE ENERGY

Launched in 2015, LCE serves ~50,000 customers in the City of Lancaster in north Los Angeles County. LCE offers ClearChoice 37% renewable and SmartChoice 100% renewable energy service, with approximately half of its customers eligible for low-income energy programs.

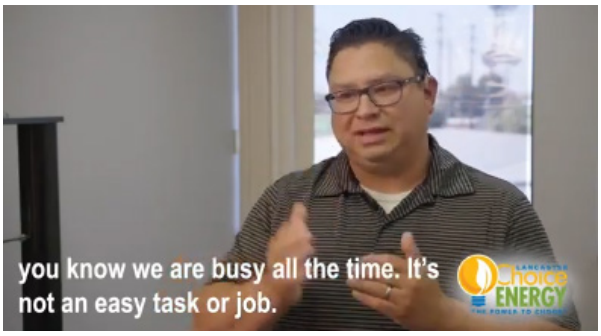
Advanced Energy Community (AEC) Grant
Through a partnership with ZNE Alliance, Lancaster Choice Energy is making progress on its California Energy Commission-funded AEC Grant. The grant team is currently working through the second phase of the grant, which includes achieving the goal of developing and implementing a comprehensive suite of advanced energy solutions designed to produce economic and environmental benefits for the Lancaster community. The plan includes an Affordable ZNE Residential Microgrid, Resilient School Network, Green District Program, and a Virtual Power Plant.

'CHOICE' WORDS

"Community Choice Energy providers across California are taking proactive and ambitious action on behalf of their communities and are playing a critical role in helping the state reach its aggressive clean energy goals." – **Dr. Tom Buttgenbach, president and CEO of 8minute Solar Energy**

LANCASTER CHOICE ENERGY (cont.)

Grocery Workers Appreciation Program
Off to a promising start, the Grocery Workers Appreciation Program, which began in mid-June, is currently offering eligible grocery workers who are LCE customers a one-time credit of up to $50 on their current LCE energy charges. With a generous City Council-approved budget of $50,000, the program was designed as a small token of the City of Lancaster's appreciation for the grocery store employees who worked and continue to work through the COVID-19 pandemic. The program runs through August 31, 2020, or until funds are exhausted, whichever comes first.



Alvaro Paneta (pictured), who works at a Walmart in Lancaster, describes his experiences as an essential worker during the pandemic in this video.

Small Commercial Direct Install (SCDI) Program
LCE, through the California Public Utilities Commission-approved $1.2 million elect-to-administer SCDI program, aided an additional 63 small businesses with complimentary energy efficiency measures and installations in its last round, which ended in June. Combined with last year's results, the program yielded a total of 201 participating businesses, with a total of 20,668 measures installed, and an overall savings of 2 million kWh over the life cycle of the measurements.

MCE

As California's first Community Choice Aggregation program, MCE offers cleaner, locally controlled, cost-competitive electricity options for more than 1 million residents and businesses in 34 Bay Area communities across Contra Costa, Napa, Marin and Solano counties. MCE provides customers with 50% more clean energy than traditional electricity service and is 90% greenhouse gas-free. For more information about MCE's services, visit mceCleanEnergy.org.

MCE's Yeti Battery Program
MCE is partnering with the regional Centers for Independent Living in our service area to offer medically vulnerable customers a Goal Zero Yeti 3000 off-grid battery to reduce the impact of Public Safety Power Shutoffs this fire season. These batteries can be used to help customers keep their lifesaving medical equipment running during an outage, allowing them to stay safely socially distanced in their homes without the need to rely on a fossil-fuel generator. Learn more about MCE's energy resilience programs on our website at mceCleanEnergy.org/resiliency.

Celebrating MCE's 10-Year Anniversary
MCE is excited to celebrate our 10-year anniversary of service as California's first Community Choice Aggregator. We launched service on May 7, 2010, to 8,000 customers with a goal of creating renewable energy and energy efficiency at cost-competitive rates while offering economic and workforce benefits, and creating more equitable communities. Today, MCE celebrates its role as a groundbreaking agency that has helped redefine the energy landscape of California, opening the door to customer choice, cleaner energy

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MCE (cont.)

options, programs that serve vulnerable communities, and the power of locally based decision-making across the state. A decade later, MCE serves 34 member communities across four Bay Area counties, providing clean energy to over 1 million customers.

MCE's Commitment to Environmental Justice
MCE's newest blog series explores the importance of environmental justice and why it is a core part of our mission. This most recent post includes a look at how MCE is standing with our frontline communities that experience the first and worst of environmental impacts in Contra Costa's refinery corridor. For the first post in this series, please see the Workforce, Education and Training Program blog linked below.

MCE's Workforce, Education and Training Program
Due to economic impacts of COVID-19, many are now searching for creative employment solutions. For some, this may mean using new training opportunities to build skills for a green economy. MCE has worked with community organizations over the last 10 years to foster workforce development, and we are excited to continue building on this success in our new partnership with the Association for Energy Affordability through a $2.24 million grant from the California Public Utilities Commission. This program will focus on growing the technical expertise of our existing contractor workforce on energy efficiency and electrification technology, as well as matching job-seekers with contractors through a local internship in a "learn and earn" model.

For more updates from MCE, see our recent press release, MCE Receives 2020 Acterra Business Environmental Award, and blog post regarding MCE's Energy Efficiency Annual Report for 2019.

The MCE team unloads 100 Goal Zero Yeti 3000 batteries before distribution to medically vulnerable customers in advance of the 2020 Public Safety Power Shutoff season.

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MONTEREY BAY COMMUNITY POWER

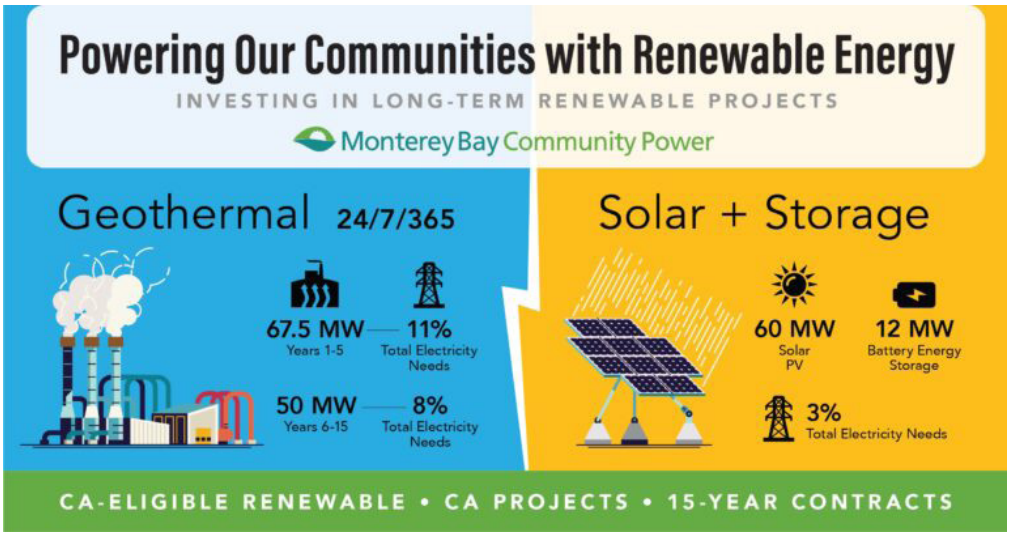
Launched in early 2018, Monterey Bay Community Power serves approximately 300,000 customers in Monterey, San Benito and Santa Cruz counties and the cities of San Luis Obispo and Morro Bay. MBCP will be expanding its service to over 400,000 customers across the Central Coast comprising four counties and 28 cities in 2021. MBCP offers two service offerings, MBchoice and MBprime, to further support rate competitiveness and customer choice as well as allocate 3% of annual revenue toward energy programs that drive electrification, fuel switching and energy resiliency.

MBCP's COVID-19 Financial Relief Response
All MBCP customers received a 50% cost deferment on their May and June electric bills as an immediate response to COVID-19 to provide financial relief by keeping an estimated $22 million in the community. MBCP is covering approximately $5 million of the total deferment and will recoup the remainder slowly over time in order to continue to provide a savings on electric generation compared to investor-owned utility rates.

MUD Electrification Grants Program
Within four hours of the energy program going live on May 26, 2020, the funding for the Multi-Unit Dwelling (MUD) Electrification Grants Program became provisionally reserved. Due to the amount of interest, MBCP increased its funding for the program from $1.2 million to $1.315 million, putting us on track to support 582 all-electric MUD units to be built locally through 11 projects throughout the Central Coast.

Electric School Bus Energy Program
MBCP partnered with the Monterey Bay Air Resources District to cover 100% of costs to replace at least six traditional school buses with electric buses. MBCP is providing $1.2 million total for this program. Replacing the six buses is the equivalent of eliminating over 132,000 lbs. of coal burned each year.

Name Change Announcement
MBCP will be enrolling customers in 2021 throughout the counties of San Luis Obispo and Santa Barbara. With this expansion comes a more fitting agency name: Central Coast Community Energy, or CCCE. MBCP will make the official switch on September 4, 2020.



Renewable Investment
In just two years, MBCP has invested $1.4 billion in long-term California Eligible Renewable Contracts, mostly in partnership with Silicon Valley Clean Energy, which has now invested over $1 billion, bringing the total renewables investment for the two agencies to $2.4 billion!

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PENINSULA CLEAN ENERGY

Launched in 2016, Peninsula Clean Energy serves approximately 290,000 customers in San Mateo County, maintaining a 97.5% participation rate of eligible customers. PCE offers two service options: ECOplus, with 50% renewable and 95% greenhouse gas-free energy, and ECO100, with 100% renewable energy that is Green-e certified. PCE plans to offer 100% GHG-free electricity for all customers by 2021, and 100% renewable electricity for all customers by 2025.

Newly Released 2020-2025 Strategic Plan
PCE's board of directors adopted a Five-year Strategic Plan outlining key goals and programs aimed at achieving our mission of reducing GHG emissions by expanding access to sustainable and affordable energy solutions. Priorities include designing a power portfolio -sourced from 100% carbon-free energy by 2025 that aligns supply and consumer demand on a 24-7 basis, and contributing to San Mateo County reaching the state's goal to be 100% GHG-free by 2045.

PCE has adopted a five-year strategic plan that focuses on reducing GHG emissions and expanding sustainable and affordable energy solutions.

COVID-19 $100 Bill Credit Extension for CARE and FERA Customers
PCE expanded its COVID-19 relief program to include approximately 4,400 additional San Mateo County customers. The credit extension is part of a broader effort to assist during the current crisis and ensure longer-term electricity reliability in which we are investing more than $31 million. Read our press release.

Power On Peninsula: Portable Battery Donation Program
To keep residents safe at home during power shutoffs, PCE has launched a portable battery donation program for residents with medical devices who live in high-fire-threat areas. The program is part of Power On Peninsula, a new suite of programs to help San Mateo County residents install backup batteries.

RANCHO MIRAGE ENERGY AUTHORITY

Rancho Mirage Energy Authority began serving the City of Rancho Mirage in 2018 and provides service to 17,200 accounts. "Base Choice," RMEA's default electricity service offering, is 50% carbon-free. It is comprised of 35% renewables and 15% hydroelectric. RMEA's "Premium Renewable Choice" rate plan offers customers the option of "opting up" to 100% renewable energy at an affordable price. The authority has a net energy metering program featuring a net surplus compensation rate of 6 cents per kWh.

Residential Solar Rebate Program
RMEA's Residential Solar Rebate Program launched in July 2018, offering an incentive of a one-time $500 rebate to any residential RMEA customer who installs a new solar system or expands an existing solar system. At the close of Q2 2020, RMEA has processed a total of approximately 560 rebates, resulting in $280,000 back to RMEA customers.

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REDWOOD COAST ENERGY AUTHORITY

Launched in 2017, Redwood Coast Energy Authority serves more than 63,000 customers in Humboldt County, Eureka, Arcata, Fortuna, Ferndale, Blue Lake, Rio Dell and Trinidad. RCEA offers "REpower" 40% renewable and "REpower+" 100% renewable energy service options.

100 MW Sandrini Sol 1 Power Purchase Agreement
RCEA and EDP Renewables in May executed a 15-year power purchase agreement for 100 MW from the Sandrini Sol 1 Solar Park in Kern County, California. The project is planned to be built and operational in 2022. RCEA will take 100% of the energy produced from the project, generating enough electricity to meet approximately 45% of RCEA customers' demand.

Feed-In Tariff
RCEA's Feed-In Tariff Program, which offers 20-year fixed-price contracts for new renewable energy projects under 1 MW in Humboldt County, expanded this spring. RCEA's board approved contracts with developers for 4 MW of local solar, and also authorized launching Phase 2 of the FIT program, making way for potentially larger projects. The approved projects will power the equivalent of 7,600 homes in Humboldt County. Feed-in tariffs add economic value to the community, align with the community's preference for smaller projects, and provide an opportunity for the inclusion of battery storage in future local projects.

CCE-Funded Customer Programs
RCEA continues to roll out rebates and programs utilizing CCE funds. An electric bike rebate was launched in April on Earth Day, offering up to $500 on qualifying e-bikes. $41,500 was made available to RCEA customers to help reduce vehicle trips locally, and all funds were quickly reserved.

By late spring, the CCE-funded Public Agency Solar Program had assessed and identified 36 feasible solar projects that would generate 2.7 MW of electricity. The program also completed energy efficiency projects that are expected to provide over $50,000 in annual cost savings and other energy services. In 2019-2020, the CCE-funded residential program provided 251 residential energy efficiency consultations and 93 residential efficiency kits. Additional CCE programs and rebates will be released in the months ahead to support homes and businesses with energy efficiency and low-emissions transportation options.

Demand Side Management
RCEA's Demand Side Management (DSM) Department made significant advancements recently, completing its longstanding Energy Watch program with Pacific Gas & Electric and launching two new programs in its place. The Local Government Partnership Program with PG&E will provide support services to the public sector and hard-to-reach customers, while the California Public Utilities Commission-authorized Program Administrator Status Program will provide direct-install energy efficiency incentives and resources to commercial and residential CCE customers. The DSM team managed Proposition 39-funded projects with 22 school districts, ranging from lighting upgrades, controls, refrigeration, HVAC, retro-commissioning, fuel substitution, hot-water building envelopes, kitchen equipment, plug loads, and solar PV. In addition to continuing to implement the CCE-funded programs, such as the Public Agency Solar

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REDWOOD COAST ENERGY AUTHORITY (cont.)

Program and Residential Services, the DSM team will be launching mobile home solar, grocery refrigeration and "Green Your Grow" projects, as well as new rebates for heat pumps and heat pump water heaters. Significant battery storage projects are also on the horizon, which will help with coordination to achieve both CCE and DSM projects and goals.

RCEA Celebrates Third Anniversary

May 1, 2020, marked three years since RCEA launched its Community Choice Energy program, and the program is delivering on its goals. Rates are currently 1% less than those of bundled PG&E customers, and those savings added up to a cumulative savings for RCEA customers of $4.9 million through the end of 2019. The program has been able to retain and access a total of over $51 million of investment in direct, local economic benefits to Humboldt County through customer rate savings, program spending and matching outside grant funding, local power procurement, and allocations toward building a reserve/ contingency fund.

SAN JOSE CLEAN ENERGY

San Jose Clean Energy is the largest single-jurisdiction CCA in operation, serving approximately 330,000 customers in the City of San José (population 1.03 million). It launched service in February 2019 to most residents and businesses. SJCE's total annual load is 4.5 TWh and peak demand is approximately 1 GW. SJCE offers two service options: a default option, GreenSource, which is 45% renewable at rates 1% lower than Pacific Gas & Electric's, and a premium option, TotalGreen, 100% renewable. SJCE maintains a 98% participation rate.

Long-Term Agreements for New Renewable Energy

In April, SJCE signed two long-term power purchase agreements with developer Terra-Gen totaling 162 MW of new renewable energy. Both projects will be built in Kern County with union labor.

- A 15-year PPA for 100 MW of new solar energy, expected to reach commercial operation by the end of 2022.
- A 12-year PPA for 62 MW of new renewable energy that will be provided in a unique format: guaranteed delivery of 62 MW of renewable energy between 6:00 a.m. and 10:00 p.m. every day. To meet this obligation, Terra-Gen will build more than 100 MW of new solar energy and new battery storage. This project is expected to reach commercial operation by the end of 2021. Firmed delivery of cost-effective renewable energy is an innovative way to meet SJCE's goal of providing more renewable energy during all hours of the day.

SJCE Director Lori Mitchell describes two new PPAs with Terra-Gen for more than 162 MW of new solar plus battery storage.You can watch a video about the PPAs here.

COVID-19 Response

SJCE continues to work closely with other city departments to respond to the COVID-19 pandemic and maintain the health and well-being of our customers. To help reduce electricity bills, staff are

SAN JOSE CLEAN ENERGY (cont.)

promoting state-funded discount programs like CARE and FERA to residents in English, Spanish and Vietnamese through food distribution sites, radio and digital advertising, among other channels. SJCE has approximately 72,000 customers enrolled in CARE and/or FERA.

Educational Webpages on Clean Energy Technologies
SJCE developed three educational webpages in English, Spanish and Vietnamese to increase awareness and spur adoption of electric vehicles, rooftop solar and energy storage among residents and businesses. The webpages act as one-stop shops and include benefits, resources, rebates, incentives and FAQs. In addition, SJCE has built a webpage with energy efficiency resources.

SILICON VALLEY CLEAN ENERGY

Launched in April 2017, Silicon Valley Clean Energy serves some 270,000 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. SVCE offers two carbon-free energy choices: GreenStart, procured from 50% renewable sources and 50% hydro, and GreenPrime, a 100% renewable, Green-e certified product.

Supporting Communities Through the Pandemic
In April, the SVCE board of directors took swift action to implement community support by approving $10 million for customer relief and resilience programs:

- **Customer Relief – $100 bill credits** to over 24,000 residential CARE/FERA income-qualified customers, and **$250 bill credits** available for qualifying small business customers.
- **Workforce Relief – $1.5 million** to expand awareness of electrification technologies and provide financial relief to the contractor workforce, via payments for self-paced online training and direct installation incentives.
- **Community Energy Resiliency – $5 million** to member agencies to support increased energy resilience at critical community facilities during Pacific Gas & Electric power shutoffs or other grid-outage emergencies.

Funding Pilots to Accelerate EV Charging Deployment
As part of SVCE's Decarbonization Strategy and Programs Roadmap, the Innovation Onramp program was launched to leverage SVCE's unique position to engage and support the innovation ecosystem in addressing key technical, market and policy barriers to achieving deep decarbonization in our service territory and beyond. Three electric vehicle-focused pilots were the latest projects selected for funding.

Two pilots explore solutions for expanding access to EV charging at multi-unit dwellings (MUD). Ecology Action plans to accelerate EV adoption in low- and moderate-income multifamily properties through low-power charging. EVmatch aims to unlock access to EV charging in MUD properties through a reservation-based software platform for shared charging.

The third pilot with ev.energy will use real-time prices and greenhouse gas emissions on the grid to optimize EV charging for both cost savings and reduced carbon emissions.

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SILICON VALLEY CLEAN ENERGY (cont.)

$1 Billion Invested in Renewable Energy Projects
With the signing of its latest solar-plus-storage contract in June, SVCE has invested more than $1 billion in renewable energy projects. Since 2017, SVCE has signed seven long-term renewable energy contracts in partnership with Monterey Bay Community Power, six being new developments adding to the growth of renewable energy and helping our communities reduce their dependence on fossil fuels. These projects will add 384 MW of clean energy to the grid and create approximately 1,700 construction jobs across the state.

SVCE Earns Baa2 Credit Rating
In July, SVCE became the third CCA, joining MCE and Peninsula Clean Energy, to receive an investment-grade credit rating from Moody's Investors Service. Moody's Issuer Rating is an independent assessment of SVCE's financial strength over the long term and acknowledges the agency's economic stability. The Baa2 rating recognizes SVCE's stability within the California CCA business model and the strong socioeconomic conditions of the SVCE service area, despite the negative impacts of the COVID-19 pandemic. The Baa2 rating will provide SVCE access to new energy supply contracts, greater negotiation leverage resulting in lower energy rates, and further transparency for SVCE customers on the agency's financial standing.

Celebrating the signing of a long-term renewable PPA at a 2019 staff training.

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SONOMA CLEAN POWER

Sonoma Clean Power serves 227,000 accounts in Sonoma and Mendocino counties. SCP offers CleanStart 50% renewable/97% carbon-free electricity and EverGreen 100% local, renewable electricity. SCP enjoys an 87% participation rate. SCP's Mission: Sonoma Clean Power is turning the tide on the climate crisis, through bold ideas and practical programs.

GridSavvy Community
SCP's GridSavvy Community program has partnered with BayREN's existing Home+ program to offer customers incentives of $1,700 (and up to $2,000 for CARE/FERA customers) for grid-interactive heat pump water heaters. The combined programs will use one application, and customers will have access to the trained and vetted contractors that are a part of the Home+ program. Customers with existing compatible electric vehicle chargers, smart thermostats, and heat pump water heaters can now also seamlessly join GridSavvy through the program website.

Energy Resiliency Audit Program (ERAP)
Through ERAP, small commercial customers receive a no-cost backup energy audit to help determine how much battery storage is needed to power critical electric loads during a shutoff; whether battery storage is financially feasible; and how storage could be integrated into existing operations to benefit their business year-round. The program is focused on providing technical electric resiliency expertise to commercial enterprises impacted by PG&E Public Safety Power Shutoffs, and particularly to those considered essential in their communities. SCP has 21 net customer sites enrolled to date. The Center for Sustainable Energy (CSE) is the program partner providing the electrical engineering expertise.

Sonoma Coast Incentive Project: CALeVIP Update
The Sonoma Coast Incentive Project, which provides incentives for the installation of electric vehicle charging infrastructure, officially started accepting applications on July 8, 2020. The application portal opened at 8:51 a.m. and by 9:10 a.m., all the funds for both Direct Current Fast Chargers (DCFC) and Level 2 chargers across both counties had been provisionally reserved (i.e., applications received). This is the fastest any California Electric Vehicle Infrastructure Project (CALeVIP) project has had all funds reserved. CSE, the statewide project implementer, stated that within the first hour of the application opening, 163 applications were received. As of July 21, 2020, more than $18.4 million in applications have been received and are currently on the waitlist.

Self-Generation Incentive Program (SGIP)
SCP's SGIP Assistance program launched in April 2020, providing residential customers with SGIP incentives up front and assistance with applications to install battery energy storage systems under 30 kW. The program temporarily paused accepting Equity Resiliency applications while awaiting clarifications on program requirements. Additional funding from Senate Bill 700 became available on July 20, and Pacific Gas & Electric has started reviewing projects on the Equity Resiliency waitlist.

As of July 20, customers have been able to choose to work with any of the 32 participating contractors. SCP has received 44 projects submitted by 17 contractors/installers totaling nearly $935,000. Most projects submitted so far are Equity Resiliency projects, meaning the rebate covers 100% of the project.

SUMMER 2020

SONOMA CLEAN POWER (cont.)

Advanced Energy Rebuild Program Results
The June 30 application deadline for SCP's Advanced Energy Rebuild program has passed and the results are in. In total, the program had 326 applications covering 451 dwellings. These include 325 single-family homes, 96 multi-family units, and 30 accessory dwelling units (ADU). Of these, 87 dwellings are all-electric and 115 are building with a battery backup system. Incentives exceeding $2.7 million have been reserved for rebuild projects, with 60 still in plan review. Enrolled homeowners will have 36 months to complete their projects.

New SCP Team Member
SCP has hired its newest team member, David Harvey, who serves as the Advanced Energy Center store manager and will oversee the center and the interns staffing the site. David comes to SCP with an extensive energy and customer service background.

VALLEY CLEAN ENERGY

Valley Clean Energy launched in 2018 and serves over 55,000 customer accounts in the cities of Davis, Woodland, Winters (beginning in 2021), and unincorporated Yolo County.

VCE Is Two Years Strong!
In June, Valley Clean Energy celebrated two successful years of operation. In the last two years, VCE's achievements include meeting and exceeding our renewable energy targets, repaying $1.5 million in start-up loans ahead of schedule, and embarking on an electric vehicle charging program with the cities of Davis, Woodland and Winters; and Yolo County. We also welcomed Winters to the VCE family, and service will begin in Winters in 2021.

VCE and RCEA: Joint RFO for Resource Adequacy
VCE and Redwood Coast Energy Authority in April issued a request for offers for incremental resource adequacy to further their contributions to the reliability of the California power grid and to fulfill their procurement obligations pursuant to the California Public Utilities Commission's November 2019 Decision Requiring Electric System Reliability Procurement for 2021-2023 (D.19-11-016).

VCE's Energy Efficiency Educational Graphic
VCE created an interactive graphic on our website to help customers find the most cost-effective upgrades for their home. The webpage was popular, receiving enough click-throughs to be our third-most-visited page this month.

VCE Hires Director of Customer Care and Marketing
Rebecca Boyles joined VCE as the new director of Customer Care and Marketing in June. Congratulations to Jim Parks on his well-deserved retirement! Rebecca comes to VCE after spending four years in customer care and billing operations at MCE. Her leadership experience includes chairing (and now co-chairing) the Billing Operations and Customer Care Committee for CalCCA, as well as being social media lead on the communications team at the Women's Environmental Network.

CALCCA

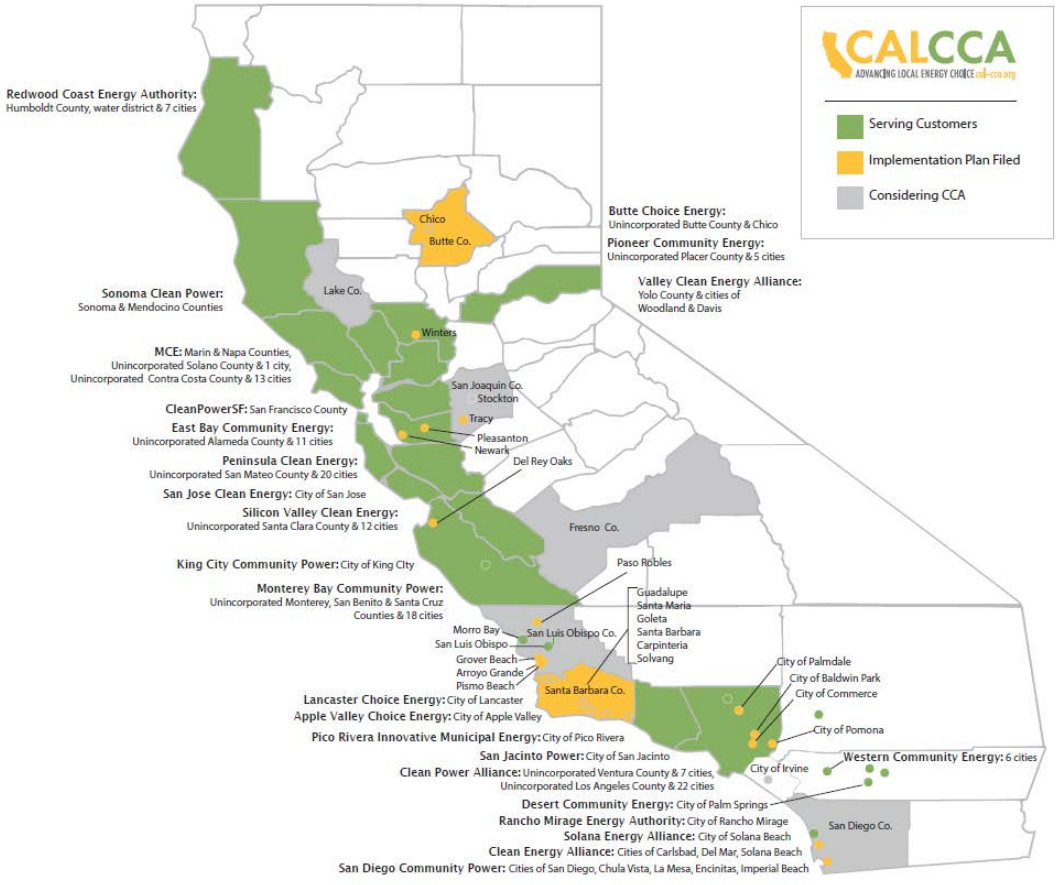
ADVANCING LOCAL ENERGY CHOICE cal-cca.org

CALCCA MEMBERS

- Apple Valley Choice Energy
- Baldwin Park Resident Owned Utility District
- Clean Energy Alliance
- Clean Power Alliance
- CleanPowerSF
- Desert Community Energy
- East Bay Community Energy
- Lancaster Choice Energy
- MCE
- Monterey Bay Community Power
- 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
- Silicon Valley Clean Energy
- Solana Energy Alliance
- Sonoma Clean Power
- Valley Clean Energy
- Western Community Energy

AFFILIATE MEMBERS

- City of Corona
- City of Hermosa Beach
- King City Conservation District
- North County Coastal Cities



CCA in California

THANK YOU CalCCA PARTNERS!

CAPSTONE PARTNERS

CALPINE

CALPINE ENERGY SOLUTIONS

GridX

TERRA-GEN

EXECUTIVE PARTNERS

RWG LAW

RICHARDS WATSON GERSHON

SELECT PARTNERS

SUPPORTING PARTNERS

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