Looking to a Bright Energy Future

The first quarter of 2019 began with a bang as PG&E filed for bankruptcy protection, triggering efforts by the state to develop a more comprehensive strategy for addressing California’s wildfire risk, the credit instability of investor-owned utilities (IOUs), and the rapidly evolving energy system that includes community choice aggregators (CCAs). Governor Gavin Newsom’s strike force report, issued April 12, rightly focuses on the vital need for wildfire mitigation and suppression, a safer and more reliable electricity system, and keeping costs affordable for all Californians.

It is telling that the governor’s report mentions community choice aggregation more than 20 times. There is growing recognition that CCAs are playing a critical leadership role in advancing clean energy investments in California and that they must have a seat at table if the state is to achieve its greenhouse gas (GHG) emissions-reduction goals.

As the report highlights, equipment owned by California’s three largest IOUs have sparked more than 2,000 fires in the past four years, causing immense devastation throughout the state and fueling the release of GHG emissions and other air pollutants.

Meanwhile, CCAs are a stabilizing force in more than 160 communities across California. They are reliably serving upwards of 10 million customers and have signed long-term contracts for more than 2,000 megawatts with new renewable energy facilities in California, and many new contracts will be announced this year. In the current Integrated Resource Plan (IRP) process, CCAs propose the development of over 10,000 megawatts of new renewable and energy storage projects by 2030.

Despite their newness, energy project developers view CCAs as reliable counterparties. They are eager to sign power purchase agreements with CCAs due to the building of financial reserves, strong balance sheets and innate transparency given they are public agencies.

As CCAs continue to procure new resources, we need statewide planning and transparency for all load-serving entities to ensure California’s goals are achieved and reliability is maintained. We are eager to continue working collaboratively with the Governor’s office, administration, legislators and policymakers as the state forges a path forward. To that end, we are excited to announce the launch of the Bright Energy Future CA campaign, a statewide coalition committed to building a stronger, greener, more reliable electric system — and preserving and promoting the positive role CCAs are playing in California’s energy system and in local communities (see "Quarter Notes" section below). The campaign offers a platform for all of our partners – our constituents, our ratepayers, and many other stakeholders and allies – to contribute and advocate for a safer, more reliable, more affordable clean energy future. We hope you will join us.

Beth Vaughan
Executive Director
CalCCA
**CalCCA Annual Meeting**

CalCCA is heading to Southern California for our 2019 Annual Meeting, taking place November 6-7 at the Crowne Plaza Hotel in Redondo Beach. This year’s event is co-hosted by Clean Power Alliance, a community choice aggregator serving 31 communities in Los Angeles and Ventura Counties. We’ll send out details about the meeting program, agenda, and accommodations soon. Inquiries about sponsorship opportunities can be sent to Martha Serianz at martha@cal-cca.org.

**Business of Local Energy Symposium**

Join community choice aggregation experts and leaders from across the state on June 21 for the "Business of Local Energy Symposium" in Irvine. The event will focus on the CCA regulatory landscape, utility reform, sharing best practices, and creating more benefits for our communities. There will also be a pre-symposium workshop on June 20 covering the topics of risk management and increasing zero emissions vehicles adoption.

The symposium is presented by the Center for Climate Protection in partnership with the Local Government Commission and Local Government Sustainable Energy Coalition. Register by April 30 for
the early bird discount, and receive an additional 10% off by using CalCCA’s special discount code: CalCCA10. Please contact Barry Vesser at bvesser@climateprotection.org or (707) 525-1665 x113 with any questions, and visit the symposium website to learn more about the event.

---

**Quarter Notes**

Updates from California's CCAs

---

**Apple Valley Choice Energy**

Launched in 2017, AVCE serves ~28,000 customers in the Town of Apple Valley in San Bernardino County. AVCE offers CoreChoice 35% renewable and MoreChoice 50% renewable energy service options. The AVCE program provides for on-bill savings for residents and businesses and serves as an economic development incentive tool.

**CleanPowerSF**

Launched in 2016, CleanPowerSF is enrolling approximately 280,000 residential accounts into its default “Green” (43% renewable) service during the month of April. This will increase CleanPowerSF’s total customer count to 380,000 with average demand of 370 MW.

---

Public Relations Officer Amy Sinclair of CleanPowerSF at Facebook’s recent Earth Day event.

**Clean Power Alliance**

Launched in 2018, CPA includes 31 communities in Los Angeles and Ventura Counties. In 2020, customers in the City of Westlake Village will also be served by CPA. CPA offers customers a choice between three rate options: Lean Power, Clean Power, and 100% Green Power. (Lean provides 36% renewable content, Clean provides 50% renewable content, and 100% Green provides 100% renewable content).
Commercial Roll-Out
CPA is currently in the process of launching commercial service to 116,000 customers across 28 of its member communities in Los Angeles and Ventura Counties, to be completed in May. This will complement the 30,000 commercial customers already served by CPA’s earliest member agencies, unincorporated Los Angeles County and the cities of South Pasadena and Rolling Hills Estates. Once enrollment is complete, CPA will be the energy provider for 3 million homes and businesses throughout Southern California. CPA produced a detailed new commercial packet to help educate its customers.

Long-Term Renewable Energy Contracts
The shortlist for CPA’s first request for offers (RFO) for long-term renewable energy and storage contracts was announced in February 2019. The shortlist represents 7 unique projects, ranging from standalone solar, solar and storage, standalone storage, and hydroelectric. In the RFO, CPA targeted procurement of 1-2 million megawatt hours annually from multiple projects. Clean Power Alliance expects to have its Board of Directors finalize long-term power purchase agreements this spring and summer.

Solar Referral Service RFP
Recently, CPA opened up a Solar Referral Service request for proposals. Clean Power Alliance is seeking proposals for the implementation and administration of an online solar marketplace referral service to assist CPA customers design the most suitable, cost-effective solar energy system for their homes and businesses, including an evaluation of solar installers. Final proposals were due by April 15.

Local Programs RFP Awarded
CPA’s Board just approved a contract to award its Local Programs Goals and Priorities planning process to Arup. The firm will help lead an analysis of best practices with program development and a stakeholder engagement process to produce a report of recommended program directions by late 2019.

East Bay Community Energy
Launched in 2018, EBCE 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. EBCE is currently in the first phase of enrollment for existing solar customers. Solar customer enrollment will continue in four additional phases throughout 2019.
Local Development Plan Implementation
EBCE is launching several early actions associated with its Local Development Business Plan (LDBP) over the next couple of months. Approved by EBCE’s Board of Directors in July 2018, the LDBP is a comprehensive framework for accelerating the development of clean energy assets within Alameda County.

Demand Response Program
EBCE is running its demand response program for a second year. This year the program will include small commercial customers and alert days that are distinct from PG&E’s alert days. Commercial customers can enroll in the program here.

Community Innovation Grants
EBCE has launched a Community Innovation Grants program that will offer grants up to $40,000 for local projects that provide community benefits.

Reach Codes
EBCE will provide financial support to local jurisdictions that want to adopt Reach Codes as part of the 2019 Title 24 Standards that go into effect January 1, 2020.

King City Community Power
KCCP launched service in 2018 to residential, commercial and municipal customers in King City, Monterey County. The program has been successful in achieving the initial goals of providing lower rates, no-cost solar for low-income families and increased use of clean energy. Plans are underway for the addition of future solar streetlights and potential construction of a local solar plant.

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. As of June, LCE is proud to be 50% carbon-free. Lancaster is aiming to be the nation’s first zero-net-energy city. LCE updates:

Energy Advisor Program
Lancaster’s Energy Advisor program is up and running. This free program offers homeowners a site evaluation and personalized recommendations for specific energy savings measures, and our energy advisors offer information on financing and other available resources.

Businesses Line Up for Direct Install Program
LCE’s Small Commercial Business Direct Install program is now underway. FESS Energy Solutions is currently in our community completing site evaluations for the next wave of energy efficiency upgrade installations. With 30 businesses currently in the queue to receive upgrades within the next week, staff anticipates up to 300 businesses will benefit this year from the CPUC-funded program.

Lancaster City Hall Targeted for EE Upgrades
The City of Lancaster is participating with SoCalREN’s municipal energy efficiency program. Lancaster has recently completed a site review of Lancaster City Hall, and have identified other municipal building sites to receive energy efficiency audits. Lancaster City Hall is scheduled for a complete remodel beginning summer of 2019. Energy efficiency measures identified in the site audit are being considered, including a new overall lighting design and install.

MCE

MCE, California’s first CCA, is a not-for-profit, public agency that began service in 2010 with the goals of providing cleaner power at stable rates to its customers, reducing greenhouse emissions, and investing in targeted energy programs that support communities’ energy needs. MCE is a load-serving entity supporting ~1,000 MW peak load. MCE provides electricity service to approximately 470,000 customer accounts and more than 1 million residents and businesses in 34 member communities across four Bay Area counties: Napa, Marin, Contra Costa, and Solano.

MCE offers three renewable energy products: Light Green (60% renewable); Deep Green (sourced from 100% in-state solar + wind); and Local Sol (100% locally-produced solar). MCE continues to exceed state renewable energy supply standards and greenhouse gas (GHG) reduction targets. MCE achieved California’s renewable energy goals 11 years ahead of state targets, and will meet GHG-free goals 23 years early.

Welcome Solano County!
On February 19, the California Public Utilities Commission (CPUC) approved Solano County’s membership within MCE’s Joint Powers Authority, setting the stage for MCE to become the primary electricity provider for Allendale, Dixon Ridge, Elmira, Green Valley, and the rest of unincorporated Solano County in 2020.

Deep Green Customer Milestone
The number of MCE customers enrolled in MCE’s 100% Renewable Deep Green service officially reached the 10,000 mark in January!

Green and Healthy Homes Initiative Expands
MCE’s Green & Healthy Homes Initiative is now expanding its health and energy-efficiency programs to Contra Costa County. MCE’s partnership with Contra Costa Health Services aims to reduce triggers in the home that contribute to asthma, a priority health issue in Contra Costa County.

Rebuilding Homes Lost to Wildfires
MCE partnered with Napa County and the Bay Area Air Quality Management District at an April 6 workshop to share information on rebates available to homeowners for rebuilding energy-efficient and safe homes through MCE’s Advanced Energy Rebuild Napa Program.

Grand Opening of Solar Parking Lot + Public EV Charging Project
MCE will be celebrating the completion of its newest local renewable project, MCE Solar Charge. This 80kW Solar PV system will power ten publicly-available electric vehicle charging ports, and will be
open to the public on April 26. The project was partially funded through grants from the Bay Area Air Quality Management District and the Transportation Authority of Marin.

CPUC Supplier Clearinghouse Program Manager Michael Moss gives a presentation on steps needed for businesses to become GO156-certified at MCE's "Certify & Amplify" workshop.

Monterey Bay Community Power

MBCP launched in 2018 as the first tri-county CCA, offering service in Monterey, San Benito, and Santa Cruz Counties. MBCP serves ~272,000 customer accounts and maintains approximately 97% account enrollment. The agency provides two service offerings: a default product, "MBchoice," which is 100% carbon-free, as well as "MBprime," which is 100% eligible renewables. MBCP updates:

- Launched the Microgrid "SmartConnect" Program to develop and own microgrid projects in MBCP’s service territory that support local economic development and provide an expedient and resilient power supply for MBCP customers.
- Project Sunshine, launched in March with partner Grid Alternatives, is providing 20 local residential homes with no-cost solar for affordable housing. Installation has begun.
- Monterey Bay Electric Vehicle Incentives Program (MBeVIP) will launch on May 1 and unlock $1.125 million in electric vehicle incentives for the MBCP region.
- MBCP is gathering feedback from the community to refine our Energy Programs roadmap
- Reserves account increased to $55 million, increasing rate resiliency and putting MBCP on track for obtaining a credit rating
- April marks MBCP’s final enrollment for solar NEM customers with a recent true-up

Peninsula Clean Energy

Launched in 2016, Peninsula Clean Energy serves ~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 90% GHG-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 on a time coincident basis for all customers by 2025.

RFP Released to Administer $12 Million EV Charging Incentive Program
Peninsula Clean Energy is developing an Electric Vehicle Charging Infrastructure Incentive Program that will provide rebates for the installation and operation of electric vehicle charging infrastructure within San Mateo County that addresses the needs of residents without current access to charging. The program will focus on supporting charging deployment at multi-unit dwellings, workplaces, and other public locations. However, facility managers and property owners often have limited knowledge of electric vehicles and limited bandwidth and funding to address EV charging installation. This RFP is for a technical assistance program to support the Electric Vehicle Charging Infrastructure Incentive Program by providing outreach and up-front technical assistance to facilitate project initiation.

Making EVs Accessible for Low-Income Residents
Peninsula Clean Energy will offer a $4,000 incentive to qualifying San Mateo County residents who purchase a used plug-in hybrid vehicle as part of the new DriveForward Electric Program. PCE is partnering with a local social service organization Peninsula Family Service (PFS) to develop an extension of their DriveForward program, DriveForward Electric. The program provides affordable vehicle loans to help income qualifying individuals purchase reliable, used vehicles and begin the process of strengthening their personal and financial stability. The $4,000 incentive will be offered in addition to the loan.

New Technology for EV Charging at Apartments and Condos
PCE is in the early stages of developing a three-year project to increase access to EV charging for residents in multi-unit dwellings. PCE plans to develop new technology to help landlords track and bill electricity use from EV charging by tenants at existing 120v outlets in common outdoor areas.

Building Electrification Reach Codes
PCE, Silicon Valley Clean Energy (SVCE) and the San Mateo County Office of Sustainability are joining together to reduce greenhouse gas emissions within their service territories by developing forward-thinking building and transportation electrification reach codes. For more information visit, peninsulareachcodes.org.

PCE qualified all 20 of its cities and the County of San Mateo for participation in EPA’s Green Power program with the goal of providing 100% renewable energy to all customers by 2025.

Pico Rivera Innovative Municipal Energy
Launched in 2017, PRIME serves ~18,300 accounts in the City of Pico Rivera in Los Angeles County. This amounts to a successful enrollment of 96% of eligible customers; 41% of residential accounts are
CARE customers. The program offers "PRIME POWER" 50% renewables and "PRIME FUTURE" 100% renewable energy service options.

**Pioneer Community Energy**

Pioneer Community Energy launched in 2018 and serves ~ 89,933 accounts in unincorporated Placer County and the cities of Auburn, Colfax, Loomis, Lincoln, and Rocklin. Pioneer customers realize an average 9% discount on electric generation over PG&E rates and its participation rate is approximately 91 percent.

**Rancho Mirage Energy Authority**

RMEA began serving the City of Rancho Mirage in 2018 and provides service to ~14,900 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 kilowatt-hour.

**Redwood Coast Energy Authority**

Launched in 2017, RCEA serves ~62,000 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% Clean and Renewable Electricity by 2025**

RCEA’s Board of Directors passed a resolution in March targeting a 100% clean and renewable electricity mix for RCEA’s community choice energy program by 2025. The resolution was recommended by RCEA’s Community Advisory Committee to accelerate RCEA’s previously established renewable energy goals.

**Local Renewable Power Solicitation**

RCEA launched a Request for Proposals (RFP) in February with the goal of entering into long-term power purchase agreements with one or more renewable energy facilities with a preference for projects located in Humboldt and surrounding northern California counties. Eleven submissions were received and are currently in review.

**Feed-In Tariff**

RCEA’s Board of Directors approved a Feed-In Tariff Program in March that will offer standardized contract terms and pricing, plus a few bonus incentives. The tariff, which will go into effect May 1, is for community-scale renewable energy projects under one megawatt in Humboldt County. For each contract period there will be 2 megawatts of capacity available until the 6 megawatt program goal is met.

**Citizen Sourcing**

RCEA received eight submissions in March in response to the launch of RCEA’s first “Citizen Sourcing” solicitation. The solicitation sought community participation in identifying new and/or expanded energy-related programs or projects to benefit Humboldt County’s Community Choice Energy Program ratepayers. Five of them will be considered for implementation and funding at RCEA’s June board of directors meeting.

**Electric Vehicle Charging Update**

Humboldt County’s network of public EV charging stations currently provides about 600 successful charges each month or about 20 per day. The use of the stations continues to steadily increase.
Offshore Wind Project
In response to the Bureau of Ocean Energy Management’s Call for Information and Nominations, RCEA and the Redwood Offshore Wind partners will compete in a competitive auction against other developers for the rights to build an offshore wind project 20+ miles off the Humboldt County coast.

San Jacinto Power

Launched in 2018, San Jacinto Power serves ~14,600 accounts in the City of San Jacinto in Riverside County. SJP offers PrimePower 35% renewables and PureGreen 100% renewables options. SJP’s net energy metering program provides a net surplus compensation rate that is nearly double of that offered by the incumbent utility.

San Jose Clean Energy

SJCE serves ~310,000 customers in the City of San José and is the largest single-jurisdiction CCA in operation. It initiated service in September 2018 to municipal accounts and expanded in February 2019 to most residents and businesses. SJCE’s default GreenSource service is 45% renewable and 80% carbon free, and their TotalGreen service is 100% renewable. SJCE’s peak demand is 470 MW.

SJCE joined Samsung Semiconductor on Earth Day to celebrate the company’s enrollment in TotalGreen, SJCE’s 100% renewable electricity service.

Silicon Valley Clean Energy

Launched in April 2017, SVCE serves ~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.

Reach Codes
Silicon Valley Clean Energy (SVCE), Peninsula Clean Energy (PCE), and the San Mateo County Office of Sustainability are joining together to reduce greenhouse gas emissions within their service territories by developing forward-thinking building and transportation electrification reach codes. A reach code is when a city or county adopts building codes more advanced than those required by the state. In
support of municipalities and counties in the SVCE & PCE service territory, the CCAs are providing extensive technical assistance plus a $10,000 incentive to each city that brings reach codes to their council. This is one of the adopted programs in the SVCE Decarbonization Programs Roadmap to help us achieve our goal of a 50% reduction in carbon emissions by 2030. More info is available at SiliconValleyReachCodes.org.

Regional EV Strategy
As part of the SVCE Decarbonization Roadmap, the Board of Directors approved an initiative to develop an SVCE and member community electric vehicle (EV) charging infrastructure strategy and plan (now referred to as the “EVCI Joint Action Plan”). The EVCI Joint Action Plan development process will incorporate feedback from member agencies, affected industries and the public to develop directional strategies, priorities and action plans to guide the ongoing build-out of EV charging infrastructure. This is the first, key step to launching SVCE’s other mobility-focused programs.

Local Winemaker Supports Clean Energy
SVCE’s most recent Community Closer-Up features a local, third-generation Morgan Hill winemaker. View it here.

Clean Financial Audit
Pisenti & Brinker, LLP performed an independent financial audit for SVCE to evaluate the agency’s financial statements and risks. SVCE’s financial performance is strong, and the results of the audit were completely clean. Learn more here.

Solana Energy Alliance
SEA initiated service in the City of Solana Beach in 2018. It is the first CCA program in San Diego Gas & Electric’s (SDG&E) service territory. SEA offers a default energy supply, “SEA Choice,” that is 50% renewable and 75% greenhouse gas-free, at rates that provide a discount compared to SDG&E’s rates. “SEA Green” is a voluntary 100% renewable energy option that is available at a slightly higher, but very competitive rate.

Rate Reduction Maintained
SEA recently went through its first rate hearing process and is proud to report that we maintained our 3% rate reduction on the energy side when compared to SDG&E while maintaining our top priorities of offering a higher renewable energy product and maintaining local control.

Sonoma Clean Power
Sonoma Clean Power serves 224,000 accounts in Sonoma and Mendocino counties. SCP offers CleanStart 45% renewable/87% carbon-free electricity and EverGreen 100% local, renewable electricity. SCP enjoys an 87% participation rate in both counties.

SCP Wins Gold Medal in Readers' Poll
Sonoma Clean Power is a gold medal winner in Northbay Biz magazine's 2019 readers poll in the “Best Company to do Business with in Sonoma County” category. Readers were polled with an open survey, meaning there were no suggested businesses to choose from. A Gold Medal means SCP has captured top-of-mind awareness among readers when it comes to the 'best of the best' in the North Bay.

Kuykendall Named "Top Forty Under 40"
SCP Senior Program Manager Rachel Kuykendall has been named one of North Bay Business Journal’s "Top Forty Under 40" for 2019. Winners of the honor are selected from dozens of nominees on the basis of their leadership in companies and organizations across the North Bay.
Lead Locally (CEC Grant)
SCP's Lead Locally Research Team has executed participation agreements with 14 of the 15 pilot homes and is currently performing energy audits to assure each home is a viable site for applied research experiments including: radiant ceiling heating and cooling panels, residential attic phase change materials, and air to water heat pumps. Next steps are to continue installing the pre-monitoring instrumentation and evaluate the baseline energy use prior to the addition of those new technologies. A Phase 2 research study on market ready technologies such as daylighting retrofits for commercial properties, phase change materials, night ventilation, heat pump water heaters, induction cooktops, and economizers will occur this spring.

Advanced Energy Rebuild Update
177 homes have now applied for Advanced Energy Rebuild, about one third of which have chosen to rebuild all-electric homes. SCP staff is working with both PG&E and Southern California Edison to expand the Advanced Energy Rebuild program to fire-affected areas within their service territories.

Low-Carbon Reach Codes
An “all-electric” reach code would mandate that all new construction within a jurisdiction use high efficiency electric equipment, reducing the greenhouse gas emissions of new homes by more than two thirds. SCP’s Program Manager, Rachel Kuykendall, is currently working with the following jurisdictions on reach codes: Sonoma County, Santa Rosa, Windsor, Sebastopol, Petaluma, and Cloverdale.

Valley Clean Energy
VCE launched in 2018 and serves the Cities of Davis and Woodland and unincorporated Yolo County. VCE delivers 42% renewables, 75% carbon-free energy as the standard option. VCE’s "UltraGreen" product provides 100% renewables.

Long-term Renewable Procurement
VCE issued a solicitation for approximately 100 megawatts of in-state long-term renewable contracts. Over 30 projects from more than 20 providers totaling over 900 megawatts of qualifying renewable projects were submitted for consideration. VCE is in the process of short-listing several of these projects and expects to have contracts signed by summer for deliveries beginning in late 2020/early 2021.
CalCCA Members

Apple Valley Choice Energy · CleanPowerSF · Clean Power Alliance
East Bay Community Energy · Lancaster Choice Energy
MCE · Monterey Bay Community Power · Peninsula Clean Energy
Pico Rivera Innovative Municipal Energy
Pioneer Community Energy · Rancho Mirage Energy Authority
Redwood Coast Energy Authority · Solana Energy Alliance
San Jose Clean Energy · San Jacinto Power
Silicon Valley Clean Energy · Sonoma Clean Power
Valleym Clean Energy

Affiliate Members

Central Coast Community Energy · City of Corona
City of Hermosa Beach · City of Industry · City of San Diego
North County Coastal Cities · Western Community Energy