California CCA Quarterly Update | July 2017

California Community Choice Association (CalCCA) represents the interest of California's community choice electricity providers in the legislature and atrelevant regulatory agencies. Each Community Choice Aggregator (CCA) chooses the sources of electricity while the utility continues to provide electric delivery services. CCA was enabled by Assembly Bill 117 in 2002, to allow local municipalities to take control of their energy supply.

CalCCA currently has eight Operational Members serving as its Board of Directors including: Apple Valley Choice Energy, CleanPowerSF, Lancaster Choice Energy, MCE, Peninsula Clean Energy, Redwood Coast Energy Authority, Sonoma Clean Power, and Silicon Valley Clean Energy; and twelve Affiliate Members: Central Coast Power; The Cities of Corona, Hermosa Beach, San Jacinto, San Jose, and Solana Beach; the counties of Los Angeles and Placer; East Bay Community Energy Authority, Monterey Bay Community Power Authority, Valley Clean Energy; and Western Riverside Council of Governments.

APPLE VALLEY CHOICE ENERGY (AVCE)

Launched in April 2017, AVCE serves approximately 28,000 customers in the Town of Apple Valley, located in San Bernardino County. AVCE offers a default 35% renewable product, CoreChoice, and an opt-up product of 50% renewable, MoreChoice.

Lower Rates Compared to Southern California Edison

AVCE has released its annual joint cost comparison and is proud to report rates on average are 3 % lower for base rate customers and 13% lower for CARE customers than SCE's rates by customer class.

CLEANPOWERSF

Launched in 2016, CleanPowerSF serves approximately 76,000 customers in San Francisco. CleanPowerSF offers a 40% renewable energy Green Service and a 100% Green-e certified renewable energy SuperGreen Service.

RFO Issued for Renewable Energy Supplies

The SFPUC is seeking 200 MW of renewable energy supplies for CleanPowerSF and will be accepting Request for Offers (RFO) through Wednesday, July 26, 2017.

Large Enrollment in 2018

CleanPowerSF is planning to enroll over 150,000 new customers in the first half of 2018 and will be hiring new staff to assist in these efforts. Positions will be announced in the coming months at www.sfwater.org/careers.

Lower Rates

As of July 1, 2017, CleanPowerSF generation rates are lower than PG&E's comparable generation rates (including PG&E fees). Learn more here: www.cleanpowersf.org/rates.

LED Streetlight Conversion Underway

The San Francisco Public Utilities Commission (SFPUC) is replacing close to 18,500 city-owned streetlights fixtures with ultra-efficient, light emitting diode (LED) fixtures. The new fixtures create better lighting, increase energy efficiency, and require less maintenance and lower costs. The new LED streetlights will save San Francisco resources in the long run. The conversion began in spring 2017 and will take about a year to complete.

LANCASTER CHOICE ENERGY (LCE)

LCE began service in 2015 to 55,000 customers in the city of Lancaster, located in east Los Angeles County. LCE offers ClearChoice 35% renewable energy and SmartChoice 100% renewable energy to its customers, with approximately half of customers eligible for low-income energy programs. Lancaster is aiming to be the nation's first zero net energy city.

Lancaster Expansion of Public Electric Vehicle Charging Stations

As part of LCE's goal to expand availability of electric vehicle supply equipment for public use, Lancaster has partnered with ebee Smart Technologies, a Europe market leader based in Berlin, Germany, to introduce its technology to North America for the first time with a streetlight electric vehicle charging pilot project. The project will demonstrate ebee's innovative technology that makes installing public and semi-public electric vehicle charging cheaper, faster, and more flexible by seamlessly integrating charging units into existing infrastructure, such as streetlights. Through this pilot, EV chargers have been integrated into five streetlights along the City's popular central downtown. Along with this project, Lancaster is working to install an additional 30 public charging stations throughout the City.

MCE

Launched in 2010, MCE serves more than 255,000 customers in Marin County, Napa County, and the cities of Benicia, El Cerrito, Lafayette, Richmond, San Pablo and Walnut Creek. MCE offers Light Green 50% renewable energy and Deep Green 100% renewable energy products.

33 Members Strong

On July 20th the MCE Board voted unanimously to formally add nine new communities in Contra Costa County as members to MCE.

These new communities include: the Cities of Concord, Martinez, Oakley, Pinole, Pittsburg, and San Ramon, the Towns of Danville and Moraga, and the unincorporated areas of the County. Enrollment is planned to begin the first half of 2018.

$1 Million+ to Solar Customers

MCE completed its sixth annual cash out process for rooftop solar customers, offering $1.35M in check payments to buy the excess solar generated electricity from approximately 1,500 customers.

1 Megawatt (MW) Solar Project at Cooley Quarry, Powering New 100% Local Solar Service

MCE completed construction on a new, 1 MW, ground-mounted solar project at the Cooley Quarry in unincorporated Novato. The solar farm is MCE's fourth local Feed-In Tariff (FIT) project. Project construction supported 17 jobs, employing labor from a union apprenticeship program and local subcontractors. Cooley Quarry will supply all of the power for MCE's new Local Sol 100% solar service. Local Sol service is expected to launch at the end of July 2017 and has reached approximately 60% of its 300 customer capacity.

10 MCE Communities Opt Up Municipal Accounts to 100% Renewable Energy Service

The Cities and Towns of Corte Madera, El Cerrito, Larkspur, Napa, Novato, Richmond, Ross, and San Rafael, and the Counties of Marin and Napa recently enrolled in MCE's Deep Green 100% renewable energy service. As a result, over 7,000 metric tons of electricity-related greenhouse gas emissions will be collectively eliminated, which has a similar impact to diverting over 2,000 tons of waste from the landfill. These ten communities join the Cities and Towns of Belvedere, Fairfax, San Anselmo, San Pablo, and Sausalito, as MCE member municipalities to opt up to Deep Green.

PENINSULA CLEAN ENERGY (PCE)

Launched in October 2016, PCE serves customers throughout San Mateo County, including all 20 cities and unincorporated areas. PCE currently serves 290,000 accounts and offers ECOplus 50% renewable energy and ECO100 100% renewable energy products.

More Renewable Energy Contracts

In an effort to procure 100% of PCE's energy from GHG-free resources by 2021 and 100% of PCE's energy from California RPS eligible renewable resources by 2025, PCE has signed eight Power Purchase Agreements this year for hydro, wind, and solar power.

Enrollment Phases Completed

PCE enrolled 210,000 residences and businesses throughout San Mateo County this spring which completes both phases of PCE's enrollment process. As of July 10, PCE has maintained a 1.8% opt-out rate.

Over Half of PCE's Cities Enroll ECO100

11 of the 20 cities in San Mateo County and its unincorporated areas have opted their municipal accounts up to 100% renewable energy through PCE's ECO100 program. The ECO100 cities include: Atherton, Belmont, Brisbane, Burlingame, Foster City, Menlo Park, Millbrae, Portola Valley, Redwood City, San Carlos, and Woodside.

REDWOOD COAST ENERGY AUTHORITY (RCEA)

Started in May 2017, RCEA serves an estimated 61,000 customers in Humboldt County, including the cities of Eureka, Arcata, Fortuna, Blue Lake, Rio Dell, and Trinidad, as well as unincorporated areas of the county. RCEA offers REpower 40% renewable energy and REpower+ 100% renewable energy choices.

Successful Launch

RCEA successfully launched its program in May 2017 and is now serving over 61,000 customers. The City of Ferndale voted recently to join the program which means RCEA will be serving all Humboldt County jurisdictions.

Enhanced Local Programs

RCEA has implemented local energy programs since 2003. These efforts, including residential and commercial energy efficiency programs and operating a county-wide public electric vehicle charging network, are now being aligned with CCA implementation to offer integrated energy services to customers in the community.

SILICON VALLEY CLEAN ENERGY (SVCE)

Launched in April 2017, SVCE serves customers in Campbell, Cupertino, Gilroy, Los Altos, Los Altos Hills, Los Gatos, Monte Sereno, Morgan Hill, Mountain View, Saratoga, Sunnyvale, and the unincorporated parts of Santa Clara County.

Community Outreach Continues

Throughout the spring, the SVCE outreach team continued to meet with residents and businesses and attended numerous community events to spread the word about customers' new carbon free electricity choices. SVCE staff attended 34 events and reached nearly 8,000 customers.

A Growing Team

The SVCE team is now up to 12 full-time staff members with the most recent additions being a Power Contracts & Compliance Manager and an Account Representative. Positions are still available as SVCE continues to build its flagship team. SVCE has also employed several student interns who have been instrumental in supporting outreach efforts through the summer.

Approaching Phase 2 Enrollment

June marked the end of the opt-out period for April's Phase 1 enrollment. The opt-out rate of Phase 1 customers settled at just over 2%. As SVCE enters its largest enrollment phase this July (180,000 customers) the overall opt out rate remains below 2%.

SONOMA CLEAN POWER (SCP)

Sonoma Clean Power serves approximately 600,000 customers in Sonoma and Mendocino counties. SCP offers CleanStart 42% renewable energy and EverGreen 100% local, renewable energy.

Mendocino County Outreach Continues

Outreach to support SCP's rollout to Mendocino County continues to go well.

Opt-out rates are trending to be similar to those in Sonoma County, at approximately 12%, with 147 customers choosing to opt up to EverGreen to date.

Open Letter Regarding Paris Agreement

Sonoma Clean Power added its name to the, "We Are Still In" movement, joining over 1,219 governors, mayors, businesses, investors, and colleges from across the U.S. that are concerned with the federal withdrawal from the Paris Climate Agreement. The intent of the coalition is to show that separate from the Paris Agreement, local efforts will multiply and work towards dramatic decreases in greenhouse gas emissions in the future.

Drive EverGreen Program– Phase 2

SCP's Board of Directors has approved a second phase of the Drive EverGreen program, which SCP ran as a pilot program late last year to gauge Sonoma County residents' willingness to switch to driving electric vehicles, charged on clean, renewable energy. Phase 2 of the program will run from August-October 2017 and will include incentives from SCP and the participating manufacturers and dealerships. Incentives will include an increased variety of vehicles, including some used models and discounted home charging equipment. Details can be found at driveEV.org.

CCA STATEWIDE

CCAs are forming in over 80 jurisdictions across California. This map highlights service area of fully operational CCAs as well as jurisdictions considering joining a CCA or creating their own.

» The County of Los Angeles has formed its JPA and is currently conducting outreach to potential member communities. The City of Calabasas was the first to join the JPA, and additional cities are expected to join in 2017 with a plan to begin service to some customers in January of 2018.

» East Bay Community Energy Authority, which will serve the County of Alameda and most of the cities in the county, recently named former Chief of Staff to CPUC President Picker, Nick Chaset, as their CEO and plans to begin service to customers in the spring of 2018.

» Valley Clean Energy, which will serve Yolo County and the cities of Davis and Woodland, is expecting to launch its program in spring of 2018.