

# California Community Choice Association Q4 2018 Update

## 2018: A Year to Remember

Even though 2019 is well underway, I am still taking stock of 2018, a truly momentous year for community choice aggregation in California. In 2018, CCA experienced tremendous growth, became a stronger and more engaged force in the energy market and state policy/politics, and achieved widespread recognition as a critical driver of clean-energy investments and innovative community-focused energy initiatives in California.

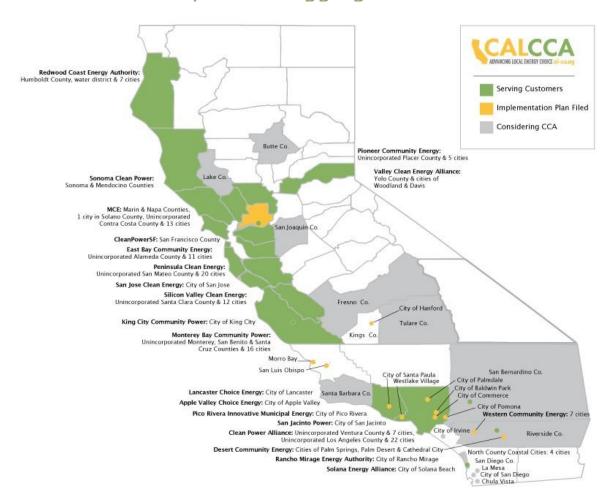
Judging from the first few weeks of January, it is safe to say 2019 has all the makings of another exceptional year. With respect to PG&E's bankruptcy announcement, CCAs are closely monitoring the situation and evaluating potential impacts on CCA customers and operations, as we noted in a statement issued this week.

While no new CCAs will launch this year due to new rules established by the California Public Utilities Commission, there will still be significant enrollment activity as CleanPowerSF, Clean Power Alliance, and San Jose Clean Energy continue their service roll-outs to well over 1.5 million customer accounts (see "Quarter Notes" below).

Looking beyond 2019, Western Community Energy and the cities of Baldwin Park, Commerce, Hanford, Pomona, Rialto, and Santa Paula have submitted CCA implementation plans to the CPUC with an eye toward launching new CCA programs in 2020. Monterey Bay Community Power is planning to initiate service to the cities of Morro Bay and San Luis Obispo in 2020, and MCE is expanding in Solano County. Desert Community Energy also plans to begin serving customers in 2020. Indeed, our map of CCA in California just keeps getting greener.

Beth Vaughan Executive Director CalCCA

## Community Choice Aggregation in California



## **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. Over 90% of eligible customers in Apple Valley are participating in the program.

In December, AVCE entered into a contract with the California Choice Energy Authority. CCEA is a joint-powers authority designed to help smaller cities in Southern California Edison territory participate in CCA while maintaining local control of their programs including rate-setting. Apple Valley Town Council has decided to continue passing on at least a 3 percent savings on generation rates compared to SCE rates.

#### CleanPowerSF

Launched in 2016, CleanPowerSF will be enrolling approximately 280,000 residential accounts into its default "Green" (43% renewable) service in April 2019. This will increase the total customer count to 395,000 with average demand of 370 MW.

#### Clean Power Alliance

Launched in 2018, CPA includes 31 communities: Agoura Hills, Alhambra, Arcadia, Beverly Hills, Calabasas, Camarillo, Carson, Claremont, Culver City, Downey, Hawaiian Gardens, Hawthorne, Malibu, Manhattan Beach, Moorpark, Ojai, Oxnard, Paramount, Redondo Beach, Rolling Hills Estates, Santa Monica, Sierra Madre, Simi Valley, South Pasadena, Temple City, Thousand Oaks, Ventura, West Hollywood, Whittier, and unincorporated Los Angeles and Ventura Counties. 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).

#### Residential Roll Out

CPA is currently in the process of launching residential service to nearly 950,000 customers across its 31 member communities in Los Angeles and Ventura Counties, to be completed in February. In May 2019, Clean Power Alliance will expand service to approximately 100,000 non-residential customers across its territory, and at that time will be the energy provider for 3 million homes and businesses throughout Southern California.

#### Renewable Energy / Storage RFO

Bidding for CPA's first RFO for long-term renewable energy and storage contracts closed in November. CPA received bids for 234 separate projects, ranging from small-scale battery energy storage to large utility-scale solar, wind and geothermal, with many bids including an energy storage component. Clean Power Alliance is currently working through its Board and Committee structure to finalize a set of projects this spring.

## **Desert Community Energy**

DCE includes the cities of Palm Springs, Cathedral City and Palm Desert in Riverside County. DCE had planned to launch in August 2018. However, in late July the DCE Board decided to delay launch due to volatile market conditions and a significant increase in energy prices. DCE now intends to launch in 2020 and is committed to offering carbon-free and renewable energy choices, local control and maximizing benefits to our customers. DCE plans to offer "Desert Saver," a 35% renewables/50% carbon-free product, as well as "Carbon Free," a 35% renewables/100% carbon-free option.

#### East Bay Community Energy

Launched in 2018, EBCE serves ~558,000 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 offers three product options: Bright Choice (clean power at 1.5% discount), Brilliant 100 (100% carbon-free power at the same cost as PG&E's default power supply) and Renewable 100 (100% renewable energy for \$0.01/kWh more than Brilliant 100).

#### Demand Response Pilot a Success

EBCE just wrapped up its first Demand Response Pilot Program. Data shows that the program resulted in a relative reduction in load during event hours on event days, indicating that participants were responding to the demand response signal. An analysis of market clearing prices shows that several of these event hours had abnormally high prices (due to high demand), so the program helped reduce EBCE's exposure to procurement risk. Overall, the program was a success and EBCE staff will analyze the lessons learned to improve upon the pilot.

## **King City Community Power**

KCCP launched service in 2018 to residential, commercial and municipal customers in King City, Monterey County. The City will use revenues generated by the program for four primary goals: reducing customer rates; no-cost solar projects for homes owned by low-income families; installation of new solar streetlights in neighborhoods with inadequate lighting; and increased use of clean energy. Future initiatives may include construction of a local solar or wind power facility.

## **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:

- LCE completed its annual Net Energy Metering True-Up process in October and distributed over \$94,000 in rebates to solar customers.
- Our Small Commercial Direct Install Program will launch in January and offer no-cost/low-cost energy efficiency upgrade services to local small businesses.
- LCE is continuing our expansion of Electric Vehicle Charging Station infrastructure making 30 additional stations available for public use.
- Antelope Valley Transit Authority is on target to be the nation's first all-electric bus fleet with a
  goal of 83 electric buses. LCE is currently developing a special rate for the all-electric bus fleet,
  which includes 33 electric buses in service and the remaining 50 to be deployed by this spring.

## **MCE**

Launched in 2010, MCE is California's first community choice aggregation program and serves ~470,000 accounts and more than 1 million customers in 33 communities across four Bay Area counties (Napa, Marin, Contra Costa, and Solano). MCE offers 3 renewable energy products: Light Green (at least 50% renewable, currently 60% renewable); Deep Green (sourced from 100% in-state solar + wind); and Local Sol (100% locally-produced solar).

#### MCE Rolls Out in Contra Costa County

In 2018, MCE doubled in size with the inclusion of 9 Contra Costa County communities and the county's unincorporated areas to its service area. This included establishing a call center in Pittsburg, bringing long-term, living-wage jobs with benefits to the area.

#### SB 100 Targets Achieved

As illustrated in the 2019 <u>Integrated Resource Plan Highlights</u>, MCE achieved California's SB 100 renewable energy goals 11 years ahead of state targets and will meet greenhouse gas-free goals 23 years early. Visit <u>mceCleanEnergy.org/energy-procurement/</u> to see the full IRP report.

#### MCE Solar One Project Receives Top Honor

MCE Solar One received California's highest environmental honor in December when the California Environmental Protection Agency recognized the local project with the <u>Governor's Economic and Environmental Leadership Award</u>. Built to serve MCE Customers and located on 60 brownfield acres in Richmond, MCE Solar One was partially funded by MCE's Deep Green 100% renewable energy customers, who pay a penny per kilowatt-hour premium for pollution-free electricity produced in California. Half of this premium is then used to help fund the buildout of local solar projects like MCE Solar One, which is expected to eliminate 3,234 metric tons of carbon dioxide annually, equivalent to taking more than 680 gas-powered cars off of the

road.

## **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 ~270,000 customer accounts and maintains nearly 98% 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:

- Signed contract for largest utility-scale, solar-plus-storage project ever built in California
- Approved addition of cities of San Luis Obispo and Morro Bay to MBCP Joint Powers Authority
- Over \$4.4 million in cost-savings delivered through 2018 rebates
- Secured \$6 million in funding from California Energy Commission for California Electric Vehicle Infrastructure Project (CALeVIP)
- Set aside \$1.25 million in program dollars for energy programs like EV Incentives, solar on affordable housing and strategic planning

## Peninsula Clean Energy

Launched in 2016, PCE 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 for all customers by 2025.

#### 5 Percent Discount Maintained

Peninsula Clean Energy plans to maintain its 5% discount compared to PG&E's rates for electricity generation for all customer classes in 2019.

#### \$16 Million Program Investment in Electric Vehicle Infrastructure

PCE's Board of Directors has approved a \$16 million program investment over four years to greatly expand electric vehicle charging infrastructure in San Mateo County. The program plans to leverage additional matching funds from various sources. Emphasis will be on installing EV chargers in multifamily housing, workplaces, schools, and public locations.

#### Community Energy Pilot Program Awards

PCE awarded grants of up to \$75,000 each for six innovative local pilot projects to reduce greenhouse gas emissions, support low-income customers, and advance electric transportation. The Community Pilot Program awards will fund programs within the county to repair homes for low-income residents, promote access to electric vehicles, switch appliances from gas to electric, provide backup power for emergency shelters, and ensure safe appliance recycling. Awardee highlights:

- A project with Build It Green in partnership with the non-profit El Concilio of San Mateo County, Hayward Lumber, GRID Alternatives, and Owens Corning will upgrade up to 16 lowincome homes in Daly City and East Palo Alto with healthy home remediation and roof repairs to qualify the homes for energy efficiency improvements.
- Two awardees are focused on promoting the use of electric vehicles. Envoy Technologies will introduce a creative on-demand EV car sharing program in a disadvantaged San Mateo County community. The San Mateo County Office of Sustainability will develop the Roadmap for Municipal Green Fleets clean fuel toolkit to assist local governments in replacing traditional gas-powered fleets with electric vehicles.
- Emergency preparedness and community resilience will be enhanced by a solar installation

and energy storage project at up to five centrally located faith-based institutions throughout the county by the California Interfaith Power and Light (CIPL) organization. All residents will have access to these locations in the event of an emergency such as a major earthquake.

- The Peninsula Climate Comfort pilot project from Ardenna Energy will demonstrate a scalable program model for reducing greenhouse gas emissions by replacing natural gas usage with clean electricity in five qualifying homes.
- ARCA Recycling will provide responsible appliance recycling and disposal, especially for outdated refrigerators. This program prevents the escape of refrigerants into the atmosphere where they act as potent greenhouse gases.

More information on Peninsula Clean Energy's Community Pilot Program is available at <a href="https://www.peninsulacleanenergy.com/community-pilots/">https://www.peninsulacleanenergy.com/community-pilots/</a>

## 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. About 2% of PRIME's customers with solar panels have joined the "PRIME PARTNER" program and earn 100% more credit on their reimbursement for excess kilowatt-hours provided back to the grid.

#### Community Outreach

PRIME has been actively participating in city-wide events to promote general awareness and education through community outreach. Several PRIME customers were awarded energy efficient tools and products during our PRIME Future Summertime Sweepstakes. The Sweepstakes will run annually in conjunction with the City of Pico Rivera Summer Street Fests. To further expand our community outreach and increase our engagement in the energy industry, PRIME is excited to announce the launch of our social media platforms in 2019.

#### **Pioneer Community Energy**

Pioneer Community Energy launched in 2018 and serves ~80,000 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.

#### **NEM Enrollments**

Pioneer has completed nearly half of its 16,500 NEM enrollments and continues to see early NEM enrollments with customers choosing not to wait until their true-up to become a Pioneer customer.

#### PACE Program Integration

Pioneer is nearing completion of the integration of its mPOWER (Property Assessed Clean Energy) Program brand into the Pioneer Community Energy JPA. mPOWER is a separate program from Pioneer's CCA program, and it provides energy and water efficiency financing to property owners who then repay the financing assessment through their property taxes.

#### 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.

#### Offshore Wind

The Bureau of Ocean Energy Management (BOEM) and the U.S. Interior Department issued a "call for information and nominations" in October, kicking off a competitive process for companies interested in developing offshore wind farms along the California coast. RCEA and our three project partners will resubmit a project proposal for the area off the Redwood Coast that we had previously submitted as an unsolicited proposal. Comments and support can be submitted via the instructions on our website: https://redwoodenergy.org/offshore-wind-energy/.

## Advanced Fuels And Transportation

RCEA's Advanced Fuels and Transportation Department owns and operates a network of 14 public Level 2 charging stations that can charge up to 29 vehicles simultaneously. We have served as a liaison for several fast charger developers and are proud to announce the installation of two maiden fast chargers in the County! RCEA has been promoting these stations as we encourage our customers to electrify their transportation. In addition to our EV infrastructure efforts, the department serves as an ombudsman in the North Coast region to educate and guide our customers through the vehicle and charging station purchasing process. Our efforts to accelerate the battery electric vehicle market, are complemented by our fuel cell electric vehicle infrastructure planning throughout the North Coast and Upstate region.

## Energy Efficiency

RCEA provides extensive energy efficiency and planning services for Humboldt County customers by leveraging funding provided by both our CCA and Local Government Partnership with PG&E. RCEA's coordinated efficiency services include no-cost non-residential and residential energy assessments, project management, incentives, and efficiency kits. Our coordinated services also provide no-cost greenhouse gas inventories, energy benchmarking and energy action planning opportunities to our local government agencies.

#### 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 initiated service in September to municipal accounts. In December, SJCE began sending residential and commercial customers first notices of the impending start of service in February. SJCE anticipates serving ~300,000 customers in 2019. SJCE's GreenSource service is 40% renewables and 60% hydropower (100% Carbon-Free); while the TotalGreen service is 100% renewable.

#### Silicon Valley Clean Energy

Launched in April 2017, SVCE serves ~242,000 customers in Campbell, Cupertino, Gilroy, Los Altos, Los Altos Hills, Los Gatos, Milpitas, Monte Sereno, Morgan Hill, Mountain View, Saratoga,

Sunnyvale, and the unincorporated parts of Santa Clara County. SVCP offers GreenStart 50% renewable and GreenPrime 100% renewable energy service.

## SVCE Partners with MBCP to Contract for State's Largest Solar-Plus-Storage Projects

SVCE signed two long-term agreements for the largest utility-scale, solar-plus-storage projects to be built in California. The RE Slate 1 project, developed by Recurrent, will be built in Kings County and is a 15-year agreement which includes 150 MW of solar capacity and 45 MW/180 MWh of storage. The BigBeau Solar project, developed by EDF Renewables North America, will be built in Kern County and is a 20-year agreement which includes 128 MW of solar capacity and 40 MW/160 MWh of storage. These projects will support approximately 840 jobs during construction. SVCE will receive 55% of the output, and Monterey Bay Community Power (MBCP) will receive 45%. The contracts are the result of a competitive bidding process that began in September 2017. The two agencies issued a joint RFO which received over 80 offers for new projects that were in various stages of development. Full press release.

#### SVCE Board Adopts Decarbonization Roadmap

The SVCE Board of Directors adopted a <u>Decarbonization Roadmap</u> at its December 13 meeting that provides detailed initiatives to help local communities, businesses and individuals further reduce carbon emissions. Clean electricity from SVCE's carbon-free sources has contributed to a dramatic 21% reduction in area-wide carbon emissions from 2015 levels. The new roadmap sets ambitious goals to further reduce energy-related greenhouse gas emissions from 2015 baseline levels to 30% by 2021, 40% by 2025 and 50% by 2030. The roadmap presents ten specific strategies to achieve deep decarbonization and meet the goal of cutting carbon emissions in half by 2030. The strategies are focused on procuring and maintaining a sustainable, affordable and carbon-free power supply, electrifying buildings and transportation, promoting energy efficiency and successful grid integration, customer engagement and innovation. Read the <u>roadmap here</u>.

LinkedIn goes 100% Renewable at South Bay Headquarters with SVCE's GreenPrime SVCE released a new Community Close-Up with 100% renewable GreenPrime customer, LinkedIn. The brief video features an interview with Peggy Brannigan, LinkedIn's Global Sustainability Program Manager, at their headquarters in Sunnyvale. LinkedIn also has offices powered with 100% renewable energy by CleanPowerSF in San Francisco. Watch the video.

### 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 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.

### 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.

#### 2018 Annual Report

SCP's 2018 Annual Report is complete and can be found on our website here.

#### Feed-In-Tariff Project Update (ProFIT)

SCP's Cloverdale 1 MW feed-in-tariff solar project began construction activities in December. This project is one of the first ProFIT programs and, while dealing with a number of delays, is now under construction. Located on 3.5 acres of land in unincorporated Sonoma County

near Cloverdale, the project is expected to start producing energy by March 31.

#### Billing Improvements

Staff recently initiated a few upgrades to the SCP portion of customer energy bills. Previously SCP charges were presented IN ALL UPPER CASE, which was not only unappealing and hard to read, but didn't match the rest of the bill. With help from Calpine and PG&E, our charges now match the case structure PG&E uses for other pages in the bill. In addition, staff worked to translate our pages so that Spanish-speaking customers can request that their entire bill be in Spanish.

#### Electrification of Transit Vehicles

SCP has cooperated with the four local transit agencies on a scope of work to determine infrastructure and planning needs to take their bus fleets to electric propulsion. An RFQ for consulting services will be released in January to select a firm to do the necessary investigations. SCP is also beginning to research the possibility of engaging with school bus systems in our territory on a similar effort.

## Do-It-Yourself Energy And Water Saving Toolkits

In Sonoma County, 30 DIY toolkits are currently in circulation and they have been checked out 441 times since the program started. We expanded to Mendocino County last May with 11 DIY toolkits, and have seen 39 check-outs, thus far. This brings our total number of check-outs to 480! This has been a very successful way to outreach to our communities and provide basic energy-saving tips and tools at a low cost to SCP.

## **Induction Cooktops**

After one full year of this program, we have had a total of 87 cooktops checked out. At the beginning of December, we sent out a satisfaction survey and received some interesting results. We found that 74% of people who tried the cooktop said they would make the switch to induction cooking and 44% have already made the switch. We originally assumed the numbers were so high because of post-wildfire reconstruction, but found that only 32% of the participants were actually in the rebuild process. This is a program that other CCAs could easily replicate.

#### Non-Profit EV Program

This program provides incentives to local non-profit organizations to purchase or lease an electric vehicle. In one year, we have had four organizations purchase or lease an EV with SCP's help, while three more are in process and have signed the contract.

#### Drive EV Program

Through the Drive EV Program, which concluded in November, SCP provided \$1.026 million in incentives towards the lease or purchase of 485 vehicles. This brings our total number of vehicles to 1,258 vehicles over the last three years. A dashboard with complete data on the number of vehicles, dollars saved, and dollars incentivized will be available by the end of January. A full evaluation of the program, conducted by the Center for Sustainable Energy, is currently underway. Customers that participated have been sent an evaluation survey, and to date, 33% have submitted responses. A full evaluation report is scheduled for delivery by April.

## Advanced Energy Rebuild

In total, 150 homes have applied for the Advanced Energy Rebuild program, about one-third of which have chosen to rebuild all-electric homes. In December, the first home participating in the program completed construction. This home was all-electric and featured solar PV and battery storage. In early January, SCP will be sending an Advanced Energy Rebuild mailer to approximately 2,000 customer forwarding addresses that were affected by the fires.

## Lead Locally (CEC Grant)

The Lead Locally Research Team is currently interviewing and performing site visits of 40 applicant homes to participate in the applied research experiments for advanced technologies including heat pump water heaters, radiant ceiling heating and cooling panels, residential attic phase change materials, and air to water heat pumps. Final selection of 16 viable homes will be completed by mid-January, with pre-monitoring instrumentation to be installed immediately thereafter. A Phase 2 research study on daylighting retrofits for three commercial properties will occur this spring.

## 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.

#### Grant Award

VCE was awarded a \$2.9 million grant to increase electric vehicle charging infrastructure throughout Yolo County. The grant will include publicly available DC fast chargers, Level 2 chargers, mobile chargers, charging infrastructure at transportation hubs, and an electric bus. The grant projects will lay a strong foundation for electric vehicle charging throughout the county. VCE partnered with Davis, Woodland and Yolo County on the grant.

## NEM Enrollment Delay

The VCE board of directors delayed enrollment of NEM customers until 2020 in response to the increased Power Charge Indifference Adjustment (PCIA). It was determined that NEM enrollment would have a negative impact on cash flows, so the board made the difficult decision to delay enrollment.

#### Rate Parity with PG&E

The VCE board of directors approved adjusting VCE rates to match PG&E. This decision also came about as a result of the PCIA increase. In looking at the impacts of the increasing PCIA, VCE staff and board made several budget adjustments to reduce the negative impacts and to continue providing benefits to our customers.

#### CalCCA Members

Apple Valley Choice Energy · CleanPowerSF · Clean Power Alliance
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 · 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 · Valley Clean Energy

## **Affiliate Members**

Central Coast Community Energy  $\cdot$  City of Corona  $\cdot$  City of Hermosa Beach  $\cdot$  Western Community Energy  $\cdot$  City of Industry  $\cdot$  North County Coastal Cities