

ENERGY PROGRAMS OVERVIEW

A Roadmap for Local Resiliency



CURRENT PROGRAMS

Electric Vehicle Charging Stations: SCE Charge Ready 2

Summer/Fall 2021

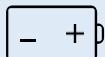


SCE is partnering with CalChoice CCAs to co-market the Charge Ready 2 program in launching in 2021/2022. Through Charge Ready, Southern California Edison, installs, maintains, and covers installation costs for charging infrastructure, while participants own, operate, and maintain the charging stations. The program also provides rebates toward the purchase of charging stations. Not only can CCA customers participate, but CalChoice can leverage SCE program incentives and other available grant funding to expand city-owned EV Stations for public use.

- Generates new revenue as city-owned EV Stations can receive Low Carbon Fuel Standard energy credits through California Air Resources Board for Level 2 and Level 3 (Fast Charger) Installs
- Supports the State's goals of 5 million ZEVs on the roads by 2030 and 250,000 electric vehicle charging stations by 2025
- Offers network of city-owned public charging stations with pricing structure to mitigate energy costs and provide, at minimum, a cost—neutral program

Battery Storage Program: Commercial Customers

Summer/Fall 2021



PRIME is currently developing a program with Terra Verde to offer the installation, operation, and maintenance of energy storage systems for commercial customers at no out-of-pocket cost. Participating customers will see a reduction in cost, as the battery system will discharge energy during highest demand times, thereby avoiding “Time-of-Use” peak charges. Can be installed with solar for even greater savings.

- No cost to the CCA for deployment of program
- Reduces CCA procurement costs and resource adequacy obligations
- Business attraction and customer retention (only available to CCA customers)
- Increase to CCA revenue by reducing procurement obligations

Disadvantaged Community Greet Tariff (DAG-GT)

Spring/Summer 2022



CalChoice continues to work with CPUC on behalf of PRIME to establish and implement the Disadvantaged Communities Greet Tariff Program rate which provides Care Customers a 20% discount on 100% renewable sourced energy - for CCAs with DAC designation from CalEnviro 4.0. Program

DEVELOPING PROGRAMS

Low-Carbon Fuel Standard Credits for City-Owned EV Stations

 As the city deploys public electric vehicle charging stations and/or transitions vehicle fleet to be fueled by electricity, the City can receive revenue through the generation and sale of LCFS credits generated from electricity consumed at charging stations owned by the City; the more capacity, the greater potential for revenues (for example, Level 3 Fast Chargers use more energy than a standard Level 2 during a charging session). CalChoice' procurement team will work with the CCA to set up and manage an LCFS Portfolio with the California Air Resources Board and propose further opportunities to increase credits and maximize total revenue.

Residential Battery Storage Program



CalChoice is developing a program to offer the installation, operation, and maintenance of energy storage systems for residential customers at no out-of-pocket cost. Participating customers will see a reduction in cost, as the battery system will discharge energy during highest demand times, thereby avoiding "Time of Use" peak charges. Can be installed with or without solar.

Energy Efficiency Upgrades and Installations at Municipal Buildings



City continues to work with Southern California Renewable Energy Networks (SoCalREN), a program administrator of CPUC funds, to obtain a no-cost analysis and evaluation of energy efficiency needs and potential cost savings measures for Municipal Buildings. By leveraging incentive funds available through Southern California Edison and Southern California Gas Company, the city can obtain energy efficiency upgrades to result in overall energy cost savings for the City.

Smart Device Pilot Program



CalChoice is working with technology partner to offer the Smart Device Pilot Program. Through this program, PRIME will offer a selection 'smart home' devices to both commercial and residential smart devices including load monitoring devices, smart plugs, and smart EV chargers. Participating CalChoice CCAs will access free and discounted smart devices that provide real time customer data and can enable load shape and shift services.

- No cost to the CCA for deployment of program
- Customer can realize energy bill savings
- Incentivizes energy conservation and lays foundation for future demand response programs that can drive operational cost savings for the CCA and its customers.

FUTURE PROGRAMS

City/Public EV Charging Stations Master Plan



PRIME has applied for grant funding through SCAG to develop a regional master plan for the expansion of EV Charging Stations in Pico Rivera. Anticipates plan completed by July 2022

“Elect to Administer” Energy Efficiency Customer Programs (CPUC Funded)



As a CCA, the City may request to “elect to administer” existing energy efficiency programs being offered by SCE at no cost to CCA or its customers. CalChoice is working with a consultant to monitor the availability of local programs funding available from the CPUC. Once funding is identified, CalChoice will work with each City to develop its energy efficiency program plan and apply for programs funds.

OTHER SUSTAINABILITY PROGRAMS OVERVIEW

A Benchmark for Ecological Endurance



CURRENT PROGRAMS

Waste Management

Winter 2022-2024



The City is currently working with NASA and Go2Zero Strategies to launch organics recycling services and programs required by AB 1826 and SB 1383. Over the next year, staff will lead an outreach campaign to educate residents, businesses, and City staff about the importance of recycling and organics recycling.

- Develop and circulate YouTube videos, Facebook posts, and Profile Newsletter articles to residents and business to educate them on organics recycling and recognize them for their efforts.
- Schedule and host multi-format outreach events to introduce the benefits of composting and educate the community on its importance.
- Work with Go2Zero to complete and assessment of City Facilities and implement the waste reduction program, host staff training, and establish an environmentally preferred purchasing policy.

DEVELOPING PROGRAMS

Climate Action

Fall 2021/Winter 2022



On April 22nd, City Council Proclaimed a Climate Emergency in Pico Rivera and committed to tangible actions to address environmental issues and advance initiatives that work to strengthen communities in addressing the climate crisis. The proclamation established the City's first emission reduction targets and its commitment to Environmental Justice.

- Emissions benchmarking to meet the City's commitment to lowering carbon emissions in half by 2030 and net zero emissions by 2050.
- Develop training and tools to support climate and environmental literacy training for 100% of City staff.
- Develop a framework to integrate climate and environmental justice into all community decision making.

FUTURE PROGRAMS

Water Conservation

Spring 2022



Establish a Water Conservation framework and program for Pico Rivera Water Utility customers. A water conservation program will provide customers with voluntary incentives and services. Conserving water resources year-around plays an integral part in maintaining quality, reliable, and a resilient water supply.

- Research opportunities and funding to implement a water efficient direct install program and drought-tolerant landscape program.
- Research funding to launch a low-income assistance program for water rates.