Sonoma Clean Power Programs Group

Strategic Action Plan

Updated January 17, 2019
# Table of Contents

Acronyms ................................................................................................................................. 3
Executive Summary ...................................................................................................................... 4
Significant Progress ..................................................................................................................... 5
New Programs ............................................................................................................................ 7
Discontinued Programs .............................................................................................................. 8
Program Strategies and Levels of Action .................................................................................. 9
Program Strategy One ................................................................................................................... 10
  Promote the Use of Electric Vehicles in Transportation ......................................................... 10
Program Strategy Two ................................................................................................................ 14
  Promote Fuel Switching in New and Existing Building Stock ............................................... 14
Program Strategy Three ............................................................................................................. 17
  Identify and Apply for External Funding to Support Programs .............................................. 17
Program Strategy Four .............................................................................................................. 18
  Promote the Aggregation of Loads and Resources ................................................................. 18
Program Strategy Five ............................................................................................................... 19
  Support the Integration of Distributed Energy Resources in SCP’s Territory ... 19
Program Strategy Six .................................................................................................................. 21
  Support the Transition to Zero Net Energy Building Codes and Practices ......... 21
Program Strategy Seven ............................................................................................................ 22
  Test and Evaluate the Use of New Technologies ................................................................. 22
Program Strategy Eight ............................................................................................................. 23
  Promote Public Education Involving Energy Efficiency and Fuel Switching ......... 23
Summary of Actions .................................................................................................................... 25
Acronyms

BAAQMD – Bay Area Air Quality Management District
BayRENE – Bay Area Regional Energy Network
CAISO – California Independent System Operator
CCP – Center for Climate Protection
CEC – California Energy Commission
CSE – Center for Sustainable Energy
CTE – Career Technical Education Foundation
CPUC – California Public Utilities Commission
DEV – Drive EV
DRRS – Demand Response Reporting System
DNV-GL – An energy efficiency consultant
DIY – Do it Yourself
eMW – Electric Motor Werks
EM&V – Evaluation, Measurement and Verification
EV – Electric Vehicle
GHG – Greenhouse Gasses
HVAC – Heating, Ventilation and Air Conditioning
JPA – Joint Powers Authority
MCAQMD – Mendocino County Air Quality Management District
MCE – MCE Clean Energy
NCBE – North Coast Builders Exchange
NEM – Net Energy Metering
NRDC – Natural Resources Defense Council
NSCAPCD – Northern Sonoma County Air Pollution Control District
MW – Megawatt
PG&E – Pacific Gas and Electric
RCPA – Regional Climate Protection Authority
SASH – Single-Family Affordable Solar Homes Program
SCP – Sonoma Clean Power
SCTA – Sonoma County Transportation Authority
SCWA – Sonoma County Water Agency
TNC – Transportation Network Company (Uber, Lyft)
ZNE – Zero Net Energy
Executive Summary

Sonoma Clean Power is enabled by a Joint Powers Agreement (JPA) which states the following as purposes for entering into the Agreement:

a) Reducing greenhouse gas emissions in Sonoma and Mendocino Counties and neighboring regions;

b) Providing electric power and other forms of energy to customers at a competitive cost;

c) Carrying out programs to reduce total energy consumption;

d) Stimulating and sustaining the local economy, including by developing or promoting local distributed energy resources; and

e) Promoting long-term electric rate stability, energy security, reliability, and resilience

The purpose of this document is to supply a road map for the SCP Programs Section by clearly identifying strategies and the actions needed to accomplish those strategies. This plan will facilitate the Programs Section in efficiently accomplishing its mission of achieving the goals of the JPA and providing local economic stimulus (job creation). In addition to an overall program road map, this document will also attempt to prioritize individual actions based on available resources, regulatory constraints and other areas of uncertainty. Each of the strategies identified in this plan will refer to one or more of the purposes identified in the JPA. The evaluation of particular programs will include metrics specific to that program and will occur after the program has had a reasonable time to establish itself. This document will be updated twice each year in January and June.
**Significant Progress**

SCP has implemented the following activities in the Programs Section:

1) The **Drive EV** program (the third iteration) incentivized the purchase or lease of 486 electric vehicles in a 16-week timeframe. This is in addition to the 774 vehicles purchased or leased in Drive EverGreen 1.0 and 2.0, for an overall total of 1,260 vehicles.

2) The **GridSavvy** program resulted in the shipment of 2,284 (as of 1/01/19) electric vehicle charging stations to SCP customers and is the genesis of a locally controlled demand response program.

3) **Do-It-Yourself Energy and Water Saving Toolkits**, which include basic energy and water efficiency tools and products, have been placed in almost all Sonoma County and Mendocino County libraries. The 41 toolkits in circulation can be checked out just like a book and have proven to be very popular. This program was expanded into Mendocino County libraries in May 2018.

4) The **Education Program for Schools** in partnership with Sonoma Water was initiated in the Fall of 2017. A contract to continue the program for a further two years was approved by SCP’s Board.

5) A **Demand Charge Reduction Program** was implemented to assist large commercial and industrial customers in reducing demand chargers on their bills. Nineteen (19) large commercial and industrial customers have been contacted for participation.

6) **Induction Cooktop Experience**, a program that loans portable electric induction cooktops to customers, has seen 87 loans take place. A survey showed that customers overwhelmingly liked the new cooking experience with 44% of participating customers surveyed stating they made the switch to induction cooking.

7) A program to incentivize the **purchase of EV’s by local non-profits** has resulted in 4 EV’s being placed and 3 non-profits under contract searching for an EV.

8) A partnership to **promote low income solar installations on homes** was initiated with Grid Alternatives. This took the form of a direct mailing to qualifying residents of Sonoma and Mendocino Counties and resulted in 62 responses and 14 approved applications. The mailer will be repeated in 2019.
9) The Advanced Energy Rebuild program has been created in cooperation with PG&E and the BAAQMD to incentivize those rebuilding their homes after the 2017 fires to do so in an energy efficient manner. To date we have had 150 applications to the program.

10) SCP was awarded a $9.8M grant from the CEC to promote energy efficiency in the residential built environment. SCP is required to provide $3.3M in matching funds for a total of $13.1M. We have begun the research phase of the grant and installations of monitoring equipment to 16 residential homes are underway. Additionally, we have leased a store in downtown Santa Rosa to house the marketplace envisioned by the grant. An architect is currently drafting a schematic design for that location.
New Programs

SCP is including the following new activities in the plan:

1) Pursuing CALeVIP funding from the CEC to incentivize publicly available EV charging stations in Sonoma and Mendocino counties. This is being done in cooperation with, BAAQMD, CEC, CSE, MCAQMD, NSCAPCD, and the RCPA.

2) Working with the public transit agencies in Sonoma and Mendocino counties on a study to identify the electric infrastructure they will need in place to take their services all-electric.

3) Working with each SCP jurisdiction to identify the most likely locations for Level 3 charging stations

4) Working with RCPA & Sonoma County ESD to develop ongoing certification courses, youth EE education classes, and EE technology demonstrations that will occur at the new storefront.

5) Establishing a methodology for a customer to commit to 20-year purchase of EverGreen in lieu of building on-site renewable energy.

6) Investigating the potential for getting more electric vehicles on the road through discounted/free charging for low-income customers.

7) School Bus Program – Staff are researching how SCP may be of assistance to local school bus operators in switching to electric buses.

8) Car Sharing – Staff are exploring partnerships with car sharing providers who use electric vehicles
Discontinued Programs

Discontinued programs are programs that were initiated as a pilot and were either not successful, or successful enough to jumpstart market transformation.

1) Drive EV: Planned to be discontinued after three years. During that time, Drive EV provided incentives to 1,262 vehicles and helped educate the general public on the benefits of driving electric.

2) Workplace Charging: SCP contracted with CSE to conduct site host analysis on the costs and benefits of installing up to 10 Level 2 charging stations at each site. Three site hosts were analyzed and Advanced Technical Reports were delivered. None of the three site hosts have moved forward due to technical and location challenges.

3) ProFIT: Management of ProFIT contracts were transferred to the Procurement Division after two (2) projects went commercial operational. Currently, four (4) projects are currently under contract and in development. With the projects currently in development, ProFIT is fully subscribed, but may be reinstated if and when there is additional demand for our EverGreen service.

4) Model Home Development: Given the current emphasis on the fire rebuild, it is unlikely we will find a developer/homebuilder to pursue the type of project envisioned.
Program Strategies and Levels of Action

This plan identifies eight program strategies:

Program Strategy 1. Promote the Use of Electric Vehicles in Transportation
Program Strategy 2. Promote Fuel Switching in New and Existing Building Stock
Program Strategy 3. Identify and Apply for External Funding to Support Programs
Program Strategy 4. Promote the Aggregation of Loads and Resources
Program Strategy 5. Support the Integration of Distributed Energy Resources in SCP’s Territory
Program Strategy 7. Test and Evaluate the Use of New Technologies

This plan identifies three levels of action:

**Immediate Action**
Ongoing or to be initiated within the next year.
1. Required by regulatory or other deadlines;
2. Other strategies or actions are dependent on outcome;
3. Achievable in the near-term;
4. Funding and resources are available.

**Near Term Action**
To be initiated within one to three years.
1. Anticipated, yet not immediate, deadline;
2. Funding is proposed;

**Long-term Action**
No defined start date for action, likely longer than three years.
1. Not enough information to proceed at this time;
2. Lower priority;
3. Funding not available.
**Program Strategy One**

(PS1)

**Promote the Use of Electric Vehicles in Transportation**

This strategy fulfills the following goals of SCP’s JPA:

a) Reducing greenhouse gas emissions in Sonoma County and neighboring regions and;

b) Stimulating and sustaining the local economy.

**Immediate Action One:**
Promote Transit Electrification

- **Project:** Determine infrastructure needs for electrification
- **Status:** SCP will issue an RFP for consultant services to analyze the infrastructure needs of transit agencies to upgrade their fleets to all electric propulsion.
- **Involved Parties:** RCPA, Sonoma County Transit, Santa Rosa City Bus, City of Petaluma, Mendocino Transit Authority.

**Immediate Action Two:**
Provide Free Charging Stations

- **Project:** Provide free Level 2 charging stations to eligible SCP customers
- **Status:** Contract with eMotorWerks to continue free charging station program through June 2019. It is anticipated that this program will continue through FY 19/20. Staff will explore the potential of extending this program to commercial charging stations.
- **Involved Parties:** eMotorWerks, Olivine

**Immediate Action Three:**
Provide electric mobility solutions for local non-profits

- **Project:** Identify local non-profits that provide transportation services and incentivize their use of electric vehicles
- **Status:** SCP has implemented a program that provides $12,500 towards the purchase or lease of an EV by non-profits. To date, 4 non-profits have taken advantage of this incentive, while an additional 3 non-profits are under contract and searching for a vehicle. It is anticipated that this program will continued in FY 19/20.
Involved Parties: RCPA, local non-profits

Immediate Action Four:
Promote the use of Electric Vehicles in TNC operations

Project: Develop incentive program for TNC drivers
Status: SCP entered into a contract with Uber to provide their contractors who drive EV’s a one dollar per ride incentive. The program ran from August to December 2018. The results are being analyzed and the program may be re-instated.

Involved Parties: RCPA, Uber

Immediate Action Five:
Apply for EV Charging Infrastructure Funding From the CEC

Project: The CEC launched CALeVIP to work with local partners to develop and implement EV charge incentive projects that meet regional needs. Funds are provided from the Alternative and Renewable Fuel and Vehicle Technology Program.

Status: SCP has organized an effort with all the Air Districts in SCP territory to seek implementation of a CALeVIP project. A letter of intent has been submitted to the CEC for project implementation in 2020.

Involved Parties: RCPA, BAAQMD, NSCAPCD, MCAPCD, CSE, CEC.

Immediate Action Six:
Increase Level 3 Charging Opportunities in our Service Territory

Project: Identify potential sites for Level 3 charging stations in each SCP jurisdiction. Release an RFP to EVSE vendors to judge interest in Level 3 infrastructure projects in SCP territory.

Status: SCP staff have been working with staff of our jurisdictions to identify likely sites for Level 3 charging stations.

Involved Parties: RCPA, SCP member jurisdictions

Near Term Action One:
Promote the use of Electric Vehicles in Car Sharing

Project: Electric Car Sharing

Status: Explore a partnership with a car sharing provider to provide incentives to EVs in SCP territory offered on provider’s service.

Involved Parties: May include Maven, Zipcar, other providers.
Near Term Action Two:
Investigate Expansion of Free Charging Station Program to Multifamily Properties

**Project:** Develop incentive program/resources for multifamily property owners and residents interested in installing charging stations. Serve as a single point of contact in directing larger properties (capable of hosting 20+ chargers) to PG&E program.

**Status:** Contract has been executed with CSE to provide technical oversight for the program. An RFP was issued to select program vendor(s), with 14 responses submitted.

**Involved Parties:** BayREN, PG&E CSE, BAAQMD

Near Term Action Three:
Foster electric vehicle adoption in low-income multifamily properties

**Project:** Collaborate with low-income multifamily developers and stakeholders to identify structures that will promote adoption of electric vehicles in this difficult market sector.

**Status:** In concept phase

**Parties Involved:** RCPA

Near Term Action Four:
Investigate Possibility for Incentivization of Charging for Low-Income Customers

**Project:** Reach out to EVSE vendors to gauge interest in a pilot program offering free or discounted charging for low-income customers that purchase an electric vehicle.

**Status:** In concept phase.

**Involved Parties:** To be determined.

Long Term Action One:
Promote the use of All-Electric Autonomous Vehicles in SCP Territory

**Project:** Develop relationships with autonomous vehicle developers and work closely with them to develop services within the SCP service area.

**Status:** In concept phase

**Parties Involved:** RCPA

Long Term Action Two:
Promote the use of Electric Vehicles in taxi companies
Project: Develop incentive program for taxi drivers
Status: Discussions are underway on how best to incentivize taxi companies to use EV’s.
Involved Parties: RCPA
Program Strategy Two
(PS2)

Promote Fuel Switching in New and Existing Building Stock

This strategy fulfills the following goals of SCP’s JPA:

- *Reducing greenhouse gas emissions in Sonoma County and neighboring regions;*
- *Carrying out programs to reduce total energy consumption and;*
- *Stimulating and sustaining the local economy, including by developing or promoting local distributed energy resources.*

Immediate Action One:
Project Management for the Lead Locally CEC Grant

**Project:** The CEC Lead Locally Grant commenced July 9, 2018.

**Status:** A CEC Lead Locally Grant commenced July 9, 2018. Site visits of potential research sites are being conducted. Monitoring equipment to be installed in 16 residential homes in January 2019. A store front for the Energy Marketplace has been leased in Santa Rosa. An architect has been contracted to provide site improvement documents and is currently in a Schematic Design Phase.

**Involved Parties:** Frontier Energy, DNV GL, RCPA, TLCD, County of Sonoma ESD

Immediate Action Two:
Investigate Potential for an On-Bill Financing Program within SCP’s Territory

**Project:** Implement an on-bill financing program.

**Status:** Staff are working with counsel on a customer contract. It may be necessary to hire a program implementer. This Action will be incorporated into the Lead Locally CEC grant above.

**Involved Parties:** Frontier Energy

Immediate Action Three:
Promote Induction Cooking as an Alternative to Natural Gas

**Project:** Loan portable induction cooktops to customers
Status: Staff will continue to loan portable induction cooktops to SCP customers so that they can experience the ease and safety of this technology.

Involved Parties: SCP Staff

Immediate Action Four:
Implement the Advanced Energy Rebuild Incentive Program

Project: Partner with PG&E and BAAQMD on an incentive program that will accelerate the adoption of highly efficient and all electric homes in the fire rebuild zones

Status: The AER incentive is available to parties rebuilding in the burn zones of Sonoma and Mendocino counties. As of January 2019, we have received 150 applications.

Involved Parties: PG&E, BAAQMD, Production Builders, City of Santa Rosa, County of Sonoma, County of Mendocino

Immediate Action Five:
Participate with Local Jurisdictions on Ordinances that Encourage Efficiency Upgrades in Local Buildings

Project: Develop standard “Reach Ordinances” that local jurisdictions can consider.

Status: SCP is actively engaging with NRDC, the Building Decarbonization Collation, and a group of California jurisdictions to create all-electric reach ordinances for the 2019 Title 24 energy code.

Involved Parties: Local cities and counties, NRDC, the Building Decarbonization Collation

Near Term Action One:
Develop an Education Program to be Facilitated through the Energy Marketplace

Project: Develop an education program that will inform contractors, retailers and the public of the advantages of using various energy efficiency technologies or building techniques.

Status: SCP has partnered with PG&E to train nearly 1,000 contractors, homeowners, architects, and engineers through Advanced Energy Rebuild trainings at the North Coast Builder’s Exchange. SCP will working with parties below to develop a yearlong training calendar which includes education.

Involved Parties: Sonoma County, RCPA, PG&E, Design Avenues LLC
**Long Term Action One:**
Interface with the CPUC and Stakeholders on Review of the Three-Prong Test

**Project:**  The CPUC’s three-prong fuel substitution test, developed in the 1990s, determines what fuel substitution projects can receive utility customer-funded energy efficiency incentives and support. Industry groups led by NRDC and the Sierra Club are seeking clarification on and potential changes to the test to allow more program activities that reduce the use of natural gas and propane.

**Status:**  NRDC has filed a motion seeking review and modification of the test.

**Involved Parties:**  NRDC, Sierra Club, CPUC

**Long Term Action Two:**
Develop Tools and Program Models to Assist Property Owners in Better Understanding the Financial Impacts of Fuel Switching

**Project:**  Develop a tool/program model that helps customers evaluate the potential for energy efficiency/fuel switching, electric vehicles, and solar photovoltaics over short and long terms.

**Status:**  In concept phase.

**Involved Parties:**
Program Strategy Three
(PS3)

Identify and Apply for External Funding to Support Programs

This strategy fulfills the following goals of SCP’s JPA:

  c. Carrying out programs to reduce total energy consumption and;
  d. Stimulating and sustaining the local economy, including by developing or promoting local distributed energy resources.

Immediate Action One:
Monitor Existing Funding Channels for Potential Opportunities

  Project: Monitor funding channels such as the DOE, CEC, CPUC, Air Districts, etc. for potential partnership opportunities.
  Status: SCP was awarded a $9.8M grant which is described in more detail in Program Strategy Two. We will continue to monitor grant opportunities and apply as appropriate.
  Involved Parties: TBD

Long Term Action One:
Evaluate Cost-Effectiveness of Programs that Could Scale with CPUC Energy Efficiency Funds

  Project: As a part of design and evaluation of any energy saving programs, calculate cost-effectiveness using CPUC metrics. Implementation of the CPUC metrics will assist the programs team evaluate which programs are good candidates for scaling using CPUC energy efficiency funds.
  Status: Ongoing.
  Involved Parties: To be determined based on program offering
Program Strategy Four

(PS4)

Promote the Aggregation of Loads and Resources

This strategy fulfills the following goals of SCP’s JPA:

b. Providing electric power and other forms of energy to customers at a competitive cost;

c. Carrying out programs to reduce total energy consumption;

d. Stimulating and sustaining the local economy, including by developing or promoting local distributed energy resources; and

e. Promoting long-term electric rate stability, energy security, reliability, and resilience.

Immediate Action One:
Implement GridSavvy Community

Project: Develop a contract with a “Scheduling Coordinator” to aggregate the “technical aggregators” operating in SCP territory and manage bidding of a demand response program into the CAISO DRRS. This process is necessary to ensure SCP remains in compliance, but also to maximize the value of the various resources available to the public.

Status: We have entered into a contractual relationship with Olivine to administer a demand response program called GridSavvy. To date we have been able to dispatch a fleet of electric car chargers. We are working to add thermostats and HPWH’s to our webstore that can also be dispatched. This effort will dovetail with the CEC grant work described in Program Strategy Two

Involved Parties: Olivine, eMW
Program Strategy Five
(PS5)

Support the Integration of Distributed Energy Resources in SCP’s Territory

This strategy fulfills the following goals of SCP’s JPA:

a. Reducing greenhouse gas emissions in Sonoma County and neighboring regions;

b. Providing electric power and other forms of energy to customers at a competitive cost;

d. Stimulating and sustaining the local economy, including by developing or promoting local distributed energy resources; and

e. Promoting long-term electric rate stability, energy security, reliability, and resilience

Immediate Action One:
Support Solar Sonoma County in providing assistance to SCP customers installing on-site renewable generation

Project: Solar Sonoma County provides support to local residents who wish to install renewable energy systems. SSC provides impartial advice regarding siting, financing and contractor selection.

Status: Contract in place with CCP/Solar Sonoma County

Involved Parties: Solar Sonoma County, CCP

Immediate Action Two:
Support the efforts of Grid Alternatives to provide solar to low income residents

Project: Grid Alternatives is a non-profit that implements the State of California’s SASH program. SASH provides residential solar to qualified residents at no cost. SCP will direct mail residents in Sonoma and Mendocino Counties that may qualify for SASH.

Status: A direct mailer was sent in mid-2018 that resulted in 66 responses and 14 submitted applications that were approved by Grid Alternatives. We will repeat this effort in June 2019.

Involved Parties: Grid Alternatives
Immediate Action Three:
Demand Charge Reduction Program

**Project:** Develop a customer service program to identify clients with high demand charges. Customers would be educated regarding methods to reduce demand charges and given the option of being connected with a company that specializes in this area.

**Status:** An RFP was circulated to battery storage firms who perform this type of work. STEM was selected through this competitive process. SCP’s Customer Service Department is connecting STEM with SCP customers who may benefit from demand charge reduction.

**Involved Parties:** STEM

Near Term Action One:
Determine How Best to Add Storage to SCP’s ProFIT Program

**Project:** Develop a scope of work and solicit a consultant’s proposal to determine the best practices necessary to incorporate energy storage into SCP’s existing ProFIT program.

**Status:** No work completed to date

**Involved Parties:**

Near Term Action Two:
Develop a Residential Battery Storage Program

**Project:** In cooperation with Customer Service, develop a residential battery storage program that is designed of offset any negative impacts of the switch to Time of Use billing.

**Status:** An RFI was circulated and interviews were held with several battery companies. It is most likely that this effort will be managed through the Advanced Energy Center as described in Program Strategy Two.

**Involved Parties:** Sonnen, Tesla,
Program Strategy Six
(PS6)

Support the Transition to Zero Net Energy Building Codes and Practices

This Strategy fulfils the following goals of SCP’s JPA:

a. Reducing greenhouse gas emissions in Sonoma County and neighboring regions;

b. Carrying out programs to reduce total energy consumption and;

c. Stimulating and sustaining the local economy

Immediate Action One:
Provide Assistance to Commercial Customers in Optimizing Energy Efficiency

Project: Enter into a contract with the County of Sonoma Energy and Sustainability Division to provide energy audits to businesses in SCP’s service territory.

Status: Contract is due to be executed in late January 2019.

Parties Involved: County of Sonoma

Near Term Action One:
Explore Program Models that Incentivize Developers to Choose Efficient, Electric Equipment

Project: In cooperation with PG&E and local planning departments investigate opportunities to engage developers and provide technical assistance/incentives to select low/no-carbon solutions.

Status: Through Advanced Energy Rebuild, SCP has been partnering with PG&E on a similar concept for homes affected by the 2017 fires. This concept could be extended to homes outside the burn area.

Parties Involved: PG&E
Program Strategy Seven
(PS7)

Test and Evaluate the Use of New Technologies

This strategy fulfills the following goals of SCP’s JPA:

a. Reducing greenhouse gas emissions in Sonoma County and neighboring regions;

b. Providing electric power and other forms of energy to customers at a competitive cost;

c. Carrying out programs to reduce total energy consumption and;

d. Stimulating and sustaining the local economy, including by developing or promoting local distributed energy resources.

Near Term Action One:
Study Potential for Micro-Grids in SCP Territory

Project: Identify areas for potential micro-grids by analyzing the distribution network in SCP territory.

Status: In concept phase

Involved Parties:

Near Term Action Two:
Investigate the use of Bio-Mass Power Generation in SCP Territory

Project: Identify bio-mass feed stock supplies in SCP territory (particularly Mendocino County) as well as small scale bio-mass conversion technologies that may provide cost effective local power generation.

Status: Bio-mass analysis for Sonoma County completed by Sonoma Water several years ago.

Involved Parties: Sonoma Water
Program Strategy Eight
(PS8)

Promote Public Education Involving Energy Efficiency and Fuel Switching

This strategy fulfills the following goals of SCP’s JPA:

a. Reducing greenhouse gas emissions in Sonoma County and neighboring regions; and

e. Promoting long-term electric rate stability, energy security, reliability, and resilience.

Immediate Action One:
Continue the SWITCH Program

Project: SCP has for several years funded the SWITCH Program which provides an electric car “kit” which students can assemble and disassemble in order to learn how electric cars are put together. This familiarity with electric vehicles will make them more likely to incorporate EV's into their lives as well as the potential for students to enter the EV industry at the local dealership level.

Status: A funding agreement to extend the program has been completed.

Involved Parties: CTE, SWITCH

Immediate Action Two:
Continue the Energy Education Program for Schools in SCP Territory

Project: Contract with Sonoma Water to expand their existing education program to include energy efficiency, fuel switching and climate change throughout Sonoma and Mendocino County schools.

Status: Contract is in place and curriculum has been developed. SCP coordinated with Sonoma Water on materials and branding. Sonoma Water has implemented the education program for the 2017/18 school year and is in the middle of implementation for 2018/19 school year. The contract runs through FY 19/20 providing funding is approved by the SCP Board.

Involved Parties: Sonoma Water
**Immediate Action Three:**
Continue the DIY Tool Kit Program and Expand Program Offerings to Mendocino County

**Project:** The DIY Toolkit Program provides a selection of energy and water saving devices that can be checked out from local libraries. SCP is one of four partners and partial funder of the program in Sonoma County, and one of three partners and full funder in Mendocino County.

**Status:** 30 kits are currently in rotation in Sonoma County Libraries and 11 kits in rotation in Mendocino County Libraries. The kits combined have been checked out over 479 times (440 check outs in Sonoma and 39 in Mendocino).

**Involved Parties:** Sonoma County General Services Department, Sonoma County Library, Sonoma Water, Sonoma-Marin Saving Water Partnership, County of Mendocino, Mendocino County Library.

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**Immediate Action Four:**
Continue the Induction Cooktop Lending Program

**Project:** The Induction Cooktop Loan Program provide SCP customers the opportunity to “check out” a portable induction cooker (along with compatible cookware).

**Status:** 12 portable induction cooktops are available for check out from SCP’s office. This function will be transferred to the Lead Locally storefront when it opens. A survey shows a strong inclination towards induction cooking from participants.

**Involved Parties:** SCP Staff.
Summary of Actions

Immediate Actions:

- Promote Transit Electrification (PS1)
- Provide Free Charging Stations (PS1)
- Provide electric mobility solutions for local non-profits (PS1)
- Promote the use of Electric Vehicles in TNC operations (PS1)
- Apply for EV Charging Infrastructure Funding From the CEC (PS1)
- Increase Level 3 Charging Opportunities in our Service Territory (PS1)
- Project Management for the Lead Locally CEC Grant (PS2)
- Investigate Potential for an On-Bill Financing Program within SCP’s Territory (PS2)
- Promote Induction Cooking as an Alternative to Natural Gas
- Implement the Advanced Energy Rebuild Incentive Program (PS2)
- Participate with Local Jurisdictions on Ordinances that Encourage Efficiency Upgrades in Local Buildings (PS2)
- Monitor Existing Funding Channels for Potential Opportunities (PS3)
- Implement GridSavvy Community (PS4)
- Support Solar Sonoma County in providing assistance to SCP customers installing on-site renewable generation (PS5)
- Support the efforts of Grid Alternatives to provide solar to low income residents (PS5)
- Demand Charge Reduction Program (PS5)
- Provide Assistance to Commercial Customers in Optimizing Energy Efficiency (PS6)
- Continue the SWITCH Program (PS8)
- Create an Education Program for Schools in SCP Territory (PS8)
- Continue the DIY Tool Kit Program and Expand Program Offerings to Mendocino County (PS8)
- Continue the Induction Cooktop Lending Program

Near Term Actions:

- Promote the use of Electric Vehicles in Car Sharing (PS1)
- Investigate Expansion of Free Charging Station Program to Multifamily Properties (PS1)
- Foster electric vehicle adoption in low-income multifamily properties (PS1)
- Investigate Possibility for Incentivization of Charging for Low-Income Customers (PS1)
- Develop an Education Program to be Facilitated through the Energy Marketplace (PS2)
- Evaluate Cost-Effectiveness of Programs that Could Scale with CPUC Energy Efficiency Funds (PS3)
- Determine How Best to Add Storage to SCP’s ProFIT Program (PS5)
- Develop a Residential Battery Storage Program (PS5)
- Explore Program Models that Incentivize Developers to Choose Efficient, Electric Equipment (PS6)
- Study Potential for Micro-Grids in SCP Territory (PS7)
- Investigate the use of Bio-Mass Power Generation in SCP Territory (PS7)

**Long Term Actions:**

- Promote the use of All-Electric Autonomous Vehicles in SCP Territory (PS1)
- Promote the use of Electric Vehicles in taxi companies (PS1)
- Interface with the CPUC and Stakeholders on Review of the Three-Prong Test (PS2)
- Develop Tools and Program Models to Assist Property Owners in Better Understanding the Financial Impacts of Fuel Switching (PS2)