

**APPENDIX G: IMPLEMENTATION RESOURCES**

*Appendix G documents implementation resources, programs, and tools.*

**Table G-1: Programs that cover energy efficiency, renewable energy, and water efficiency**

<b>ENERGY EFFICIENCY, RENEWABLE ENERGY, AND WATER EFFICIENCY</b>	<b>DESCRIPTION</b>
PG&E Utility Marketplace for Energy Efficient Products	Utility Marketplaces for Energy Efficient Products: As part of the implementation of AB793, the CPUC has mandated all regulated utilities to have energy management technology marketplaces online for their customers by the end of 2017. Local governments can leverage existing marketplaces to help engage their citizens. These marketplaces are a great resource to transform markets and help residents shop energy smart. The sites have many categories including electronics, heating and cooling, kitchen appliances, and laundry appliances. They provide shoppers with full market coverage across retailers, brands and models; a daily updated, relative energy efficiency score on a zero to 100 scale; energy bill savings and total cost of ownership implications of product choices – combined with price drop alerts, online rebate sign-up, local store information and other modern tools that make the energy efficient choice the easy choice. PG&E’s Marketplace: <a href="https://marketplace.pge.com/">https://marketplace.pge.com/</a>
PG&E Tool Lending Library	Tool Lending Library: PG&E provides a library of tools that can be borrowed without purchase. The library includes data loggers, infrared cameras, and much more testing equipment for building energy efficiency. PG&E’s Tool Lending Library: <a href="https://pge.myturn.com/library/">https://pge.myturn.com/library/</a>
Statewide Energy Efficiency Collaborative (SEEC)	SEEC provides no-cost resources to support the energy and climate initiatives of California Local Governments. SEEC provides the following at no cost: education and tools for climate action planning and reducing energy use, opportunities for peer-to-peer networking, technical assistance and recognition for local agencies that reduce GHG emissions, save energy and adopt policies and programs that promote sustainability, and demonstration that “the whole is greater than the sum of its parts” through leveraging resources and expertise from seven partners, to help local agencies. SEEC trainings and resources are tailored to the needs of California local governments and are available to representatives of local governments within California, as well as state and regional government agencies, districts, and school districts. <a href="http://californiaseec.org/">http://californiaseec.org/</a>
Municipal Sustainability and Energy Forum (MSEF)	Municipal Sustainability Forum connects communities, governments, utilities, universities, organizations and experts together to explore today’s most effective energy efficiency and renewable energy-related solutions. The goal of Municipal Sustainability Forum is to create a collaborative environment that facilitates problem solving, economic growth and a sustainable energy future. Each month, webinars are hosted at no cost for anyone who is involved in advancing energy-related sustainability in their areas or states. In addition, conference calls are held on a variety of topics in which top experts can interact, discuss important issues and possibly connect later for collaboration. <a href="http://mseforum.com/">http://mseforum.com/</a>
California’s Local Government Energy Efficiency Portal (EE Coordinator)	This site serves as a hub for energy efficiency and sustainability news, information, best practices and resources relevant to California’s local governments. <a href="http://eeordinator.info/">http://eeordinator.info/</a>

ENERGY EFFICIENCY, RENEWABLE ENERGY, AND WATER EFFICIENCY	DESCRIPTION
Smart Growth America	Smart growth is a way to build cities, towns, and neighborhoods that are economically prosperous, socially equitable, and environmentally sustainable. Smart Growth America works with everyone involved in the process of urban planning and development to think strategically about building better towns and cities. Smart Growth America is dedicated to researching, advocating for and leading coalitions to bring smart growth practices to communities. <a href="https://smartgrowthamerica.org/">https://smartgrowthamerica.org/</a>
Institute for Local Government's Beacon Program	The Beacon Program provides a framework for local governments to share best practices that create healthier, more vibrant and sustainable communities. The program honors voluntary efforts by local governments to reduce greenhouse gas emissions, save energy and adopt policies that promote sustainability. <a href="http://www.ca-ilg.org/beacon-award-program">http://www.ca-ilg.org/beacon-award-program</a>
New Buildings Institute – Zero Net Energy Support	Zero net energy (ZNE) buildings are ultra-efficient new construction and deep energy retrofit projects that consume only as much energy as they produce from clean, renewable resources. The New Buildings Institute will be offering a variety of customized services to assist jurisdictions on their way to ZNE. Services may include: answering general ZNE questions, supporting ZNE code and policy, strategic planning, project charrette facilitation, ZNE building policy analysis, staff training, building portfolio assessment. <a href="https://newbuildings.org/hubs/zero-net-energy/">https://newbuildings.org/hubs/zero-net-energy/</a>
California Codes and Standards (C&S) Reach Codes Program	The California Codes and Standards (C&S) Reach Codes program provides technical support to local governments considering adopting a local ordinance (reach code) intended to support meeting local and/or statewide energy and greenhouse gas reduction goals. The program facilitates adoption and implementation of the code, by providing resources such as cost-effectiveness studies, model language, sample findings, and other supporting documentation. Key resources available on the site include cost-effectiveness studies, ordinance summaries for internal communications, model language, and document templates. <a href="http://www.localenergycodes.com/">http://www.localenergycodes.com/</a>
Building Operator Certification (BOC)	BOC is a competency-based training and credentialing program for building operators providing skill sets to reduce energy consumption in their facilities through operational and maintenance practices for HVAC, lighting, and controls systems. Facility Personnel earn an industry-recognized, professional credential after completing technical training and testing, and by performing energy efficiency project assignments in their facilities. The Northwest Energy Efficiency Council (NEEC) is the national administrator of BOC, NEEC partners with California utilities throughout the state to bring this valuable training to you. <a href="http://www.theboc.info/">http://www.theboc.info/</a>
EnergySage Solar Marketplace	EnergySage is an online marketplace that helps consumers research and shop for solar energy systems. ICLEI and EnergySage have developed a solution that makes it fun and easy for municipalities to promote solar in their community. The Marketplace offers a comparison of solar options, educational and cost-saving resources, promotes the growth of solar companies and programs, and other tools to assist the transition to renewable energy. <a href="http://www.energysage.com/">http://www.energysage.com/</a>

ENERGY EFFICIENCY, RENEWABLE ENERGY, AND WATER EFFICIENCY	DESCRIPTION
School Project for Utility Rate's (SPURR) Renewable Energy Aggregated Procurement (REAP) Program	<p>An innovative aggregated solar buying program that leverages the collective purchasing power of SPURR's very large membership to secure pre-negotiated "piggy-backable" solar project pricing and terms for California public agencies. The goals of the REAP Program are as follows: streamline the solar buying process for California public agencies, drive down solar project pricing for California public agencies, and improve solar project terms and conditions for California public agencies. Any public agency in California can participate in SPURR's REAP Program. To date, sixteen California public agencies have utilized the REAP Program to contract over 40 MW-DC of solar projects. The REAP Program issued a new RFP for solar and solar + storage in 2017. Public agencies interested in the REAP Program can receive, at no cost or obligation, a solar project feasibility study for their potential solar projects. Please contact <a href="mailto:solar@spurr.org">solar@spurr.org</a> for more information. <a href="http://spurr.org/Services/Solar-Services">http://spurr.org/Services/Solar-Services</a></p>
SolarResilient	<p>This first-of-its-kind solar and storage sizing tool enables building managers, energy managers, architects, sustainability, and energy professionals to size their buildings for solar PV and battery storage systems nationwide. This tool estimates the required rating and physical size of grid-connected PV and battery energy storage to provide power for extended periods during a large-scale grid power outage. SolarResilient is designed for buildings that form part of a cities resilience strategy - it allows building owners and city departments to develop equipment sizing before embarking on more detailed studies. When used on a portfolio of buildings, optimum performing scenarios can be selected to provide a holistic energy security strategy for a city or county. <a href="https://solarresilient.org/">https://solarresilient.org/</a></p>
Go-Biz Guide for Funding of Electric Vehicle Charging Stations	<p>The Governor's Office of Business and Economic Development (GO-Biz) has created a guide to help state agencies navigate the funding options for plug-in electric vehicle charging infrastructure. It is designed to make the procurement of electric vehicle (EV) charging infrastructure on state-owned or leased property as seamless as possible. The guide offers direction for the prioritization of facilities and the process of securing funding for the stations and associated infrastructure costs. It includes a comprehensive list of utility and local incentive programs, all of which are designed to cover or offset the cost of station installation. The guide is available online at: <a href="http://eecoordinator.info/wp-content/uploads/2017/08/Funding-for-Electric-Vehicle-Charging-Stations-Quick-Reference-Guide.pdf">http://eecoordinator.info/wp-content/uploads/2017/08/Funding-for-Electric-Vehicle-Charging-Stations-Quick-Reference-Guide.pdf</a></p>