

ENERGY RESOURCES FOR CALIFORNIA LOCAL GOVERNMENTS

The Local Government Commission has prepared this document to help you find the resources available to cities and counties to improve the energy efficiency of your facilities and your communities. Resources for municipal operations are listed first, followed by those for residents and businesses.

MUNICIPAL RESOURCES

Financing

On Bill Financing (OBF) – California’s Investor Owned Utilities (IOUs), Pacific Gas and Electric Company (PG&E), San Diego Gas and Electric (SDG&E), Southern California Edison (SCE), and Southern California Gas (SoCalGas), offer On-Bill Financing to qualified commercial and government-funded customers. OBF provides eligible customers with zero-percent financing on qualifying energy-efficient business improvements. The IOUs will finance the project, and you repay the interest-free loan through your monthly utility bills. Financing is available to fund many technologies, including lighting, refrigeration, HVAC, and LED streetlights. Your project may be eligible for OBF if it qualifies for a rebate or incentive through a utility program. Loan funds must be used to purchase and install qualifying energy-efficient equipment. Loan terms and monthly payment amounts are determined based on your estimated monthly savings from the new products. Government agencies may qualify for loans between \$5,000 and \$250,000 per utility meter, with loan periods of up to 120 months.



PG&E	www.pge.com/onbillfinancing
SDG&E	www.sdge.com/obf
SCE	www.sce.com/wps/portal/home/business/tools/on-bill-financing
SoCalGas	www.socalgas.com/for-your-business/rebates/zero-interest.shtml

California Energy Commission Financing Program (1%) – The California Energy Commission (CEC) will accept loan applications on a first-come, first-served basis for eligible energy projects from all eligible entities, including cities and counties.

Projects with proven energy and/or demand cost savings are eligible, provided they meet the eligibility requirements. Energy efficiency projects must be technically and economically feasible. Examples of projects include:

- Lighting systems
- Pumps and motors
- Streetlights and LED traffic signals
- Energy management systems and equipment controls
- Building insulation
- Energy generation including renewable and combined heat and power projects
- Heating, ventilation and air conditioning equipment
- Water and waste water treatment equipment
- Load shifting projects, such as thermal energy storage

CEC Energy Financing Program: www.energy.ca.gov/efficiency/financing

Sustainable Energy Bond Program – California Statewide Communities Development Authority (CSCDA) and the Foundation for Renewable Energy and Environment teamed together to provide public agencies and nonprofit organizations throughout California with access to tax exempt financing for critical sustainable energy investments. Under the Sustainable Energy Bond Program, participating entities and organizations will contract with an Energy Service Company (ESCO) to complete energy and water conservation measures. Improvements could include street lighting, building lighting, pumps, HVAC, system controls, boilers, chillers, ducting, windows, partial roofing, toilets and others. The program participants will receive substantial utility cost savings, including a contractual guarantee sufficient to cover the full cost of all retrofit work. All projects are financed through tax exempt bonds.

Sustainable Energy Bond Program: <http://www.cacommunities.org/energy-finance-programs/>

Funding Wizard – The California Air Resources Board’s CoolCalifornia.org website has created the Funding Wizard to help you find rebates, grants, and incentives for environmental projects.

Funding Wizard: <http://www.coolcalifornia.org/funding-wizard-home>

Database of State Incentives for Renewables & Efficiency (DSIRE) - DSIRE is a comprehensive source of information on state, federal, local, and utility incentives and policies that support renewable energy and energy efficiency. Established in 1995 and funded by the U.S. Department of Energy, DSIRE is an ongoing project of the North Carolina Solar Center and the Interstate Renewable Energy Council, Inc.

DSIRE: <http://www.dsireusa.org/incentives/index.cfm?re=0&ee=0&spv=0&st=0&srp=1&state=CA>

Revolving Loan Funds – Cities and counties are using revolving energy funds to continually implement energy efficiency and renewable energy projects in municipal facilities. The Statewide Local Government Energy Efficiency Best Practices Coordinator has developed best practices fact sheets on two such programs (Alameda County and San Jose).

Revolving Loan Fact Sheets: www.EECoordinator.info/best-practices

Energy Efficiency

Utility/Local Government Partnerships – For nearly 10 years, California’s IOUs have entered into energy efficiency partnerships with cities and counties. They assist local governments with energy management in the following areas:

- Increasing energy efficiency of government-owned and operated facilities
- Providing a delivery channel for energy efficiency services to the community
- Leading the community in developing plans to create a more sustainable living environment by reducing greenhouse gas emissions, creating green jobs and increasing renewable energy options

PG&E www.pge.com/energywatch
SDG&E www.sdge.com/partnerships
SCE www.sce.com/wps/portal/home/partners/partnerships
SoCalGas www.socalgas.com/for-your-business/rebates/industry/government/

Utility Government/Institutions Programs – Utilities offer for cities and counties that combine energy efficiency and demand response solutions to lower energy demand, as well as operating and capital costs.

PG&E www.pge.com/mybusiness/energysavingsrebates/incentivesbyindustry/government/local/agenciescommunities
SDG&E www.sdge.com/government
SCE www.sce.com/wps/portal/home/business/ems/government
SoCalGas www.socalgas.com/for-your-business/rebates/industry/government/

California Energy Commission’s Energy Partnership Program – The Energy Partnership Program can help cities and counties identify the most cost effective energy saving opportunities, usually at no cost to the jurisdiction. Savings typically reduce annual utility costs on average 20%. Energy efficiency upgrades reduce annual maintenance costs, increase cost savings, conserve resources and reduce greenhouse gas emissions. The Energy Partnership program can help with conducting energy audits, reviewing existing proposals and designs, and developing equipment performance specifications.

Energy Partnership Program: <http://www.energy.ca.gov/efficiency/partnership/>

Statewide Energy Efficiency Collaborative – The Statewide Energy Efficiency Collaborative (SEEC) is an alliance to help cities and counties reduce greenhouse gas emissions and save energy. SEEC is a collaboration between three statewide non-profit organizations (ICLEI, Institute for Local Government (ILG), and Local Government Commission (LGC)) and California’s four Investor Owned Utilities (PG&E, SDG&E, SCE, and The Gas Company). SEEC provides education and tools for climate action planning, venues for peer-to-peer networking, technical assistance and recognition for local agencies that reduce greenhouse gas emissions and energy use. The collaborative effort is designed to build upon the unique resources, expertise and local agency relationships of each non-profit organization, as well as those of the four investor owned utilities. See the links above for the Investor Owned Utilities websites.

ICLEI www.californiaseec.org
ILG www.ca-ilg.org/BeaconAward
LGC www.lgc.org/SEEC



Statewide Local Government Energy Efficiency Best Practices Coordinator – The Coordinator works with the SEEC program to help cities and counties in their efforts to reduce energy consumption and greenhouse gas emissions. The Coordinator’s position is closely tied to the Local Government chapter of the California Long-term Energy Efficiency Strategic Plan that was adopted by the California Public Utilities Commission in 2008.

Coordinator www.EECoordinator.info
Strategic Plan www.cpuc.ca.gov/PUC/energy/Energy+Efficiency/eesp/

Renewable Energy

California Solar Initiative – The California Solar Initiative (CSI) is the solar rebate program for California consumers that are customers of the Investor Owned Utilities (PG&E, SDG&E, SCE, and The Gas Company). Together with the rebate for New Solar Homes and programs offered through dozens of publicly owned utilities, the CSI program is a key component of the Go Solar California campaign. CSI funds solar projects on homes, commercial, agricultural, government and non-profit buildings. It includes solar hot water systems, and programs for low-income residents and multi-family housing. The California Center for Sustainable Energy (CCSE) implements the CSI program in SDG&E territory except for new homes or new residential construction.

CSI www.gosolarcalifornia.org/about/csi.php

PG&E www.pge.com/solar
SDG&E www.sdge.com/california-solar-initiative
SCE www.sce.com/wps/portal/home/residential/rebates-savings/solar/
SoCalGas www.socalgas.com/innovation/self-generation/index.shtml
CCSE www.energycenter.org/index.php/incentive-programs/california-solar-initiative

Climate Change

The IOUs through their local government partnerships, green or sustainable communities programs and the SEEC partnership, provide resources to local governments working on climate protection and greenhouse gas emission reduction strategies. Visit the

IOUs' local government partnership web pagers and the websites for the SEEC non-profit partners (ICLEI, ILG, and LGC) above under ***Energy Efficiency***. In addition, PG&E has a sustainable communities program.

PG&E: www.pge.com/sustainablecommunities

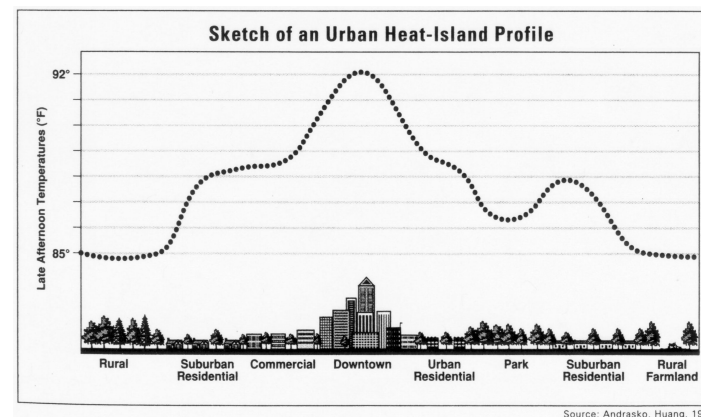
The **Climate Collaborative** highlights what is being done in the San Diego region to meet state climate change policy, improve the local economy and protect San Diego County's natural beauty by increasing energy efficiency and improving sustainable practices. This helps to safeguard the quality of life of current and future generations.

Climate Collaborative: <http://www.sdclimatecollaborative.org/>

Energy Centers

The Investor Owned Utilities and others, including the pilot regional energy networks (REN), operate energy centers that offer educational programs, design tools, advice and support to create energy efficient buildings and comfortable indoor environments. They often provide side-by-side examples of different energy technologies and may have lending libraries for publications and energy tools.

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| PG&E (San Francisco) | www.pge.com/pec |
| PG&E (Stockton) | www.pge.com/stockton/ |
| SDG&E (San Diego) | www.sdge.com/eic |
| SCE (Irwindale & Tulare) | www.sce.com/wps/portal/home/partners/consulting-services/energy-education-centers |
| SoCalGas (Downey) | www.socalgas.com/innovation/energy-resource-center/ |
| CCSE (San Diego) | www.energycenter.org/ |
| LA REN | www.socalrec.com/ |
| Bay Area REN | www.abag.ca.gov/bayren/ |
| SBESC (Lawndale) | www.sbesc.com/ |
| RCEA (Eureka) | www.redwoodenergy.org/ |



COMMUNITY RESOURCES

Financing

Property Assessed Clean Energy (PACE) – PACE programs provide funding, through voluntary property tax assessments, for energy efficiency, renewable energy and sometimes water efficiency projects. Most PACE programs offer this service only to non-residential property owners due to conflict with the Federal Housing Finance Agency, which oversees the Fannie Mae and Freddie Mac loan programs. A few, including Sonoma County, continue to provide PACE programs for residential property owners. The Statewide Coordinator developed a fact sheet on Sonoma County’s PACE program, Sonoma County Energy Independence Program (SCEIP). In September 2012, the CaliforniaFIRST PACE program launched and allows cities and counties to join a statewide PACE program without having to set up their own.

CaliforniaFIRST www.californiafirst.org/overview
SCEIP fact sheet www.EECoordinator.info/best-practices/

Energy Efficiency

Investor Owned Utilities Residential Programs

PG&E www.pge.com/myhome/
SDG&E www.sdge.com/residential
SCE www.sce.com/wps/portal/home/residential
SoCalGas www.socalgas.com/for-your-home/rebates/

Investor Owned Utilities Non-Residential Programs

PG&E www.pge.com/mybusiness/
SDG&E www.sdge.com/business
SCE www.sce.com/wps/portal/home/business
SoCalGas www.socalgas.com/for-your-business/



CA Alternate Rates for Energy (CARE) Programs – CARE is the IOUs' low-income programs.

PG&E www.pge.com/care/
SDG&E www.sdge.com/residential/save-care/apply-care
SCE www.sce.com/wps/portal/home/residential/assistance/care-fera
SoCalGas www.socalgas.com/for-your-home/assistance-programs/

Renewable Energy

California Solar Initiative www.gosolarcalifornia.org/about/csi.php

PG&E www.pge.com/solar
SDG&E www.sdge.com/california-solar-initiative
SCE www.sce.com/wps/portal/home/business/generating-your-own-power
SoCalGas www.socalgas.com/for-your-home/rebates/solar-water-heating/index.shtml
CCSE www.energycenter.org/index.php/incentive-programs/california-solar-initiative