

Strategic Energy Resources Report

Town of Loomis Strategic Energy Resources Report

On March 17, 2015, the Town of Loomis accepted the Strategic Energy Resources Report (SERR) as the Town's roadmap for expanding energy-efficiency and renewable-energy, as well as the associated cost-savings from these efforts. To view the document, please click here (insert hyperlink).

*Here are several ways *you* can take advantage of this report:

Energy Efficiency

We use energy every day in our homes and businesses to power our lights, appliances, heating and cooling systems, and other electronic devices. Energy efficient practices allow us to enjoy the comfort and performance of these modern conveniences while keeping our energy use, and our utility bills, low. Upgrades can make a huge difference in your energy bills. For example, replacing outdated and inefficient bulbs with highly efficient LEDs is just one simple change that can save you money each month. Home weatherization improvements, like changing out single-paned windows with double or triple paned, offer better insulation and can reduce the costs of heating or cooling your home.

Making your home or business more energy efficient is a straightforward process with a variety of rebate and incentive programs at your disposal. Click the following links to learn more about existing programs that can help increase your energy efficiency:

[PG&E Home Money Saver](#) *Residential Program*

Access the latest rebate information, catalog, and buyers guide for your next energy efficient upgrade with this interactive home money saver tool.

[Energy House Calls \(presented by PG&E\)](#) *Residential Program*

Use PG&E's Home Energy Checkup to find out where the energy in your home is being used, and find out more information about projects, rebates and programs that can help make your home more energy efficient and lower your monthly energy costs.

[PG&E Assistance Programs](#) *Residential Program, Seniors, Low-Income*

PG&E offers several assistance programs that lower your monthly bill, help you save energy with no-cost home improvements, or provide one-time payment assistance. Seniors, income-qualified utility customers, and those facing unforeseen hardship may benefit from available programs. Click the link above to learn more.

[Project Go Inc.](#) *Residential Program, Low-Income*

Project GO, Inc. administers the low-income home energy assistance and weatherization assistance programs in Loomis.

[Sierra Nevada Energy Watch \(SNEW\)](#) *Business Program*

SNEW, administered by Sierra Business Council, delivers cost effective energy efficiency projects to businesses, non-profits, and governments in 11 counties across the Sierra Nevada region including Placer County. Over 1700 PG&E customers have taken advantage of this program since 2010. The SNEW team provides free audits, facilitates the rebate and incentive process with PG&E and provides guidance in selecting contractors at no charge.



Additionally the SNEW team can facilitate PG&E's 0% on-bill financing program for qualifying energy-efficiency projects. To schedule an audit or discuss your options, call Sierra Business Council at [530-582-4800](tel:530-582-4800).

PG&E Rebates and Incentives for Businesses Business Program

PG&E offers non-residential customers rebates and incentives for a variety of energy efficient products for companies, including lighting, HVAC, boilers and water heating, refrigeration, business computing, and more. A full list of current rebates can be found using the PG&E money back tool.

PG&E On-Bill Financing Business Program

Upgrading to energy efficient programs can seem daunting when you have to pay upfront and wait for a return on your investment. However, on-bill financing allows you to spread payments over time through no interest loans. PG&E offers 0% interest loans of up to \$100,000. Loans can be used to replace old and inefficient equipment with no up-front out-of-pocket investment. The program allows 5 years for repayment; however, the energy savings continue to accrue after the loan is paid off.

mPower Placer Business Program, Residential Program

This Placer County administered program provides fixed-rate, no money down financing to residential, commercial, industrial, agricultural and multifamily property owners who want to install energy efficiency, water conservation retrofits and renewable energy systems repaid through property taxes.

Renewable Energy

Renewable energy is energy that comes from natural resources, such as sunlight, wind, water, biomass, and geothermal activity. Local renewable energy projects can benefit the Town of Loomis by creating solar contracting jobs and generating energy from sources that are abundant and widely available.

Town of Loomis Solar Roadmap Business Program, Residential Program

The Solar Roadmap is used to understand what actionable steps will be the most cost-effective for the community as it transitions to renewable energy. Each goal is designed for easy implementation and is prioritized for Loomis. It provides resources for business and residence owners to learn more about solar opportunities.

Federal Residential Renewable Energy Tax Credit Residential Program

Homeowners may claim a tax credit of 30% of qualified energy efficient expenditures, such as labor costs for on-site preparation, assembly or original system installation, and piping or wiring to interconnect a system to the home.

Federal Business Energy Investment Tax Credit Business Program

A taxpayer may claim a tax credit of 30% for solar, fuel cells, small wind systems or 10% for geothermal, microturbines and combined heat and power systems (CHP), aka cogeneration systems. Qualified expenditures covered include labor costs for on-site preparation, assembly or original system installation, and for piping or wiring to interconnect a system.

Tax Exemption for Farm Equipment and Machinery Business Program

This partial exemption from state sales and use tax applies to solar photovoltaic systems that are primarily used to power farm equipment and machinery. Qualifying systems can be connected to the local electricity grid and used to offset the farm's electricity use via a net metering agreement with the local utility. This tax exemption is also applicable to wind machines and could apply to other energy efficient farm equipment.



Follow these links to learn more about incentives and financing options for PG&E customers who are looking to upgrade to solar energy and save:

[PG&E Solar and Renewables](#)

[PG&E Solar Water Heating](#)

[PG&E Financing Options for Solar and Renewable Energy Systems](#)

Solar Permit Information

{ Insert the following information:

Visible links to building permit and information on inspection times

Solar PV permit and checklist

Relevant solar information for residents/business owners}

Water Energy Conservation

There is significant energy used in the transportation of water. As California approaches its 5th year of drought, reducing water waste helps us conserve the limited water we have as well as save the energy needed to deliver it.

[Placer County Water Agency \(PCWA\) - Rebate Program and Water Wise Services](#)

PCWA offers a variety of rebate programs to its treated and untreated water customers. Water conservation incentives and services can make your home or business more water-efficient, save water and energy costs, and lower landscape maintenance and utility bills. A water-efficient home and business can reduce waste, pollution from irrigation runoff and energy used for water pumping and heating.

PCWA also offers, upon request, on-site water-efficiency services through the Water Wise Program. To schedule an appointment for an in-home or business water efficiency survey, please call PCWA Customer Services at (530) 823-4850 or (800) 464-0030.

For more information on how you can conserve water and energy in your home or business, visit [WaterSense Indoors and Outdoors](#). You can also find information about the California Drought Rebate Program [here](#).

Energy Efficiency Job Training Opportunities

As counties, cities and towns across California take advantage of energy efficiency resources and adhere to new environmental regulations, new jobs and opportunities are cropping up left and right. Take a look at these sites dedicated to creating jobs, training new workers and giving seasoned professionals the updated information they need.

[GRID Alternatives](#)

[Everblue green jobs training](#)

[Sierra College Sustainable Energy Programs](#)

[PG&E Solar Education and Workshops](#)

ADDITIONAL RESOURCES

[Cool California Funding Wizard](#)

[Energy Upgrade California](#)



SIERRA
BUSINESS COUNCIL

the Sierra Business Council on 12/22/2015

[Energy Star](#)

[Save Our Water](#)