

Make Your Home More Comfortable & Energy Efficient *with emPower*

Incentives & Financing for Home Energy Upgrades

From small improvements to complete home energy upgrades, single-family homeowners can choose from the following upgrade options. Benefits of upgrading include: saving energy and resources, a more comfortable home, and improved indoor air quality. These upgrade options qualify for incentives from your utility provider and low-cost financing through the emPower program:

ELIGIBLE UPGRADE OPTIONS	DETAILS	ELIGIBLE MEASURES	INCENTIVES
Simple Start Upgrade	Select one or more energy efficiency measures eligible for utility rebates.	HVAC, Water Heaters and Insulation	Varies by measure/utility
Energy Upgrade California® Home Upgrade	Whole house. Install 3 or more eligible measures. Point-based incentive. Opt to add solar PV.	HVAC, Water Heaters, Windows, Cool Roofs, Insulation, Air Sealing	\$1,000–\$2,500
Energy Upgrade California® Advanced Home Upgrade	Whole house. Install 2 or more eligible measures. Incentive based on % of modeled energy usage reduced. Opt to add solar PV.	HVAC, Water Heaters, Windows, Cool Roofs, Insulation, Air Sealing	May exceed \$6,500
Solar Water Heating Upgrade	Install a solar water heater system eligible through the California Solar Initiatives Solar Thermal program. Opt to add solar PV.	CSI-Thermal Approved Solar Water Heating System	Up to \$2,719 30% tax credit

To learn more visit emPowerSBC.org
or call (805) 654-3834



Home Upgrade
Energy Upgrade California®

Energy Upgrade California® Home Upgrade provides assistance and incentives for home improvement projects that can reduce energy use and make homes more comfortable. This statewide program is managed locally by utilities and regional energy networks and directed by the California Public Utilities Commission in collaboration with the California Energy Commission. Funding comes from utility customers under the auspices of the California Public Utilities Commission. Incentives are offered on a first-come, first-served basis and are effective until funding is expended or the program is discontinued. Programs may be modified or terminated without prior notice. ©2014 California Public Utilities Commission and California Energy Commission. Trademarks are property of their respective owners. All rights reserved.

Flexible Financing for Your Energy Efficiency Upgrades

Easy, Affordable, Accessible

You've picked your upgrades and know you'll get incentives to reduce the overall cost of your project, but you're struggling to find an affordable way to pay for the rest. emPower low-interest rate financing is specifically designed to help, so you can start your home upgrade project today!

emPower Financing Details



Interest rates
starting at
5.9%

- Financing amounts: \$1,000-\$30,000
- Up to 15-year term
- Type of loan: unsecured
- No home equity or collateral required
- No prepayment penalties, fees or closing costs

Eligibility Requirements

- Single-family detached home
- Property located in Santa Barbara, San Luis Obispo or Ventura County
- Work must be performed by an emPower participating contractor (see reverse for eligible upgrade options)

CoastHills
Another great day.



How to Make Home Energy Upgrades with emPower



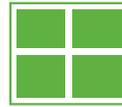
1

Choose
Your
Upgrades



2

Contractor Helps
You Apply for
Utility Incentives
and Financing
(if needed)



3

Install Upgrades



4

Receive Funds
and Enjoy the
Benefits!

Go to our website to schedule a free Energy Coach site visit, or find a qualified contractor to perform home energy upgrades.

emPowerSBC.org



Contact emPower at (805) 654-3834
or visit www.emPowerSBC.org

This Program is funded by California utility ratepayers and administered by Southern California Gas Company, Southern California Edison and Pacific Gas & Electric under the auspices of the California Public Utilities Commission.



VCREA

Ventura County Regional Energy Alliance



www.vcenergy.org

vcreea.admin@ventura.org

RESIDENTIAL ENERGY EFFICIENCY CASH REBATES

FOR CUSTOMERS OF SOUTHERN CALIFORNIA EDISON AND SOUTHERN CALIFORNIA GAS COMPANY

 <p style="writing-mode: vertical-rl; transform: rotate(180deg);">INSULATION</p>	<p>Insulation <i>Qualifications for existing conditions may apply.</i> \$0.15 per square foot: Attic and walls, <i>SoCalGas</i></p>
 <p style="writing-mode: vertical-rl; transform: rotate(180deg);">WATER HEATING</p>	<p>Water Heater \$30 gas tank, High Efficiency (EF 0.62-0.66) <i>SoCalGas</i> \$100 gas tank, ENERGY STAR® (EF 0.67+) <i>SoCalGas</i> \$150 gas tankless, (EF 0.82 or less), <i>SoCalGas</i> \$200 gas tankless, (EF 0.90+), <i>SoCalGas</i> \$30 electric tank, (EF 0.93+), 30 gallons or greater, <i>SCE</i> \$200 electric tank, Hybrid Electric Heat Pump Water Heater (EF 2.0+), 40 gallons or greater, must replace an existing electric water heater, <i>SCE</i></p>
 <p style="writing-mode: vertical-rl; transform: rotate(180deg);">COOLING</p>	<p>Ducted Evaporative Cooling System \$300, Without new pressure relief damper, <i>SCE</i> \$400, With new pressure relief damper, <i>SCE</i></p> <p>Portable Room Air Conditioner \$20, BTU level between 12,000-15,000 and EER 11.9+, <i>SCE</i></p> <p>Whole House Fan \$35, Minimum 1000 cubic feet of air per minute (CFM), <i>SCE</i></p>
 <p style="writing-mode: vertical-rl; transform: rotate(180deg);">HEATING</p>	<p>Gas Furnace \$150, ENERGY STAR® (92-94 percent AFUE), <i>SoCalGas</i> \$200, Central Natural Gas Furnace (95+ percent AFUE), <i>SoCalGas</i></p>
 <p style="writing-mode: vertical-rl; transform: rotate(180deg);">APPLIANCES</p>	<p>Refrigerator \$35, ENERGY STAR® refrigerator, <i>SCE</i> \$75, Most Efficient ENERGY STAR® refrigerator (Must use less than 481 kWh per year and at least 30% more efficient than federal requirements, <i>SCE</i></p> <p>ENERGY STAR clothes washer \$35, ENERGY STAR®, <i>SoCalGas</i> \$50, High-Efficiency (MEF 2.4+ and WF 4.0 or less), <i>SoCalGas</i> \$75, ENERGY STAR® (MEF 3.2+ and WF of 3.0 or less), <i>SoCalGas</i> \$50, ENERGY STAR® (MEF 2.0+ and WF of 6.0 or less), <i>SCE</i></p>
 <p style="writing-mode: vertical-rl; transform: rotate(180deg);">POOL</p>	<p>Variable-Speed Pool Pump and Motor \$200, In-ground pool pumps only, <i>SCE</i></p>

Rebates are subject to funding availability and may change. Before purchasing, read all rebate specifications and qualifications to be sure your product qualifies. To find complete rules and requirements visit the utilities websites or www.vcenergy.org

The Ventura Partnership Program is funded by California utility ratepayers and administered by Southern California Gas Company and Southern California Edison, in collaboration with Ventura County Regional Energy Alliance (VCREA), under the auspices of the California Public Utilities Commission.



The Davis Family's Home Energy Upgrade

After inheriting a Santa Maria home with some deferred maintenance issues, the Davis family decided it needed some upgrades. "As part of a whole house remodel, we thought it made sense to improve on the energy efficiency of the home," said Mike Davis, homeowner. They chose to work with emPower participating contractor Halsell Builders on the project.

"Halsell assisted us with the different options that were available, and made sure that we were aware of the incentives available for upgrading the existing home to an energy efficient one."

Now that the remodel is complete, the Davises are reaping the benefits of their decision to include energy efficiency upgrades. "The home keeps an excellent steady temperature. Our monthly energy bills are very reasonable. The expected rebate made it possible for us to stretch our renovation budget."



HOME PROFILE

Location

Santa Maria, CA

Year Home Built

1980

Square Footage

2,357

Energy Upgrade California Incentive

\$6,500

Project Cost after Incentives

\$15,280

Total Modeled Annual Energy Savings

58.5%

Estimated Monthly Cost Savings

\$351

PARTNERS

emPower and Halsell Builders

ENERGY IMPROVEMENTS

1. Whole House Air Sealing
2. Roof & Attic Insulation to R38
3. Wall Insulation to R13
4. High Efficiency HVAC System
5. Energy Efficient Low-E Vinyl Windows
6. Tankless Water Heater

“When taking on a remodel project, I can’t imagine why someone would not make this kind of energy upgrade.” – Mike Davis

Steps to the The Davis Family's Home Energy Upgrade

The following steps were taken to accomplish the Davis Family's home upgrade. By taking these steps in order, they saved money and resources.

1. Energy Assessment

The Davis family worked with Halsell Builders to conduct a "whole-house" assessment. This type of assessment uses diagnostic tools like a blower door to help pinpoint areas for improvement and identify safety issues like gas leaks or equipment that isn't operating properly. The results of the assessment were also used to determine which upgrade measures would save the most energy.

2. Air Sealing

Did you know that if you added up all the little cracks and crevices in your house it likely adds up to a hole the size of a hula-hoop? It's no wonder that a typical homeowner could save 20% on their heating and cooling costs just by air sealing their home. Sealing is one of the least expensive upgrades that you can make to improve comfort and efficiency.

3. Insulation

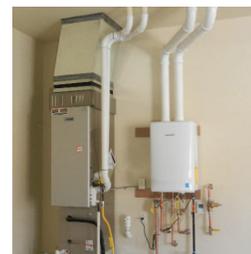
Insulation levels are specified by R-Value. R-Value is a measure of insulation's ability to resist heat traveling through it. The higher the R-Value, the better the thermal performance of the insulation. Before their retrofit the Davis home only had R-6 insulation. By adding R-38 insulation to the attic/roof and R-13 to their walls, they were able to save energy, keep comfortable and reduce noise from outside.

4. Heating, Ventilation and Air Conditioning (HVAC)

Older or inefficient furnaces can lose up to 35% of the energy they burn in exhaust up their flue pipes. But new furnaces can be highly efficient and are one of the most cost-effective energy efficiency upgrades for your home. The efficiency of furnaces is measured by "annual fuel utilization efficiency" (AFUE). Furnaces with an AFUE of 92% or higher are the most energy efficient. The Davis's replaced their old furnace with one that has an AFUE of 96%."

5. Tankless Water Heater

The energy efficiency of hot water heaters has improved greatly over the last few years. That's good news considering that hot water usage accounts for 25% of each energy dollar spent. When comparing water heaters look for the "Energy Factor." The higher the "Energy Factor," the more efficient the water heater. The Navien condensing gas tankless water heater installed in this home boasts one of the industry's highest energy efficiency ratings with an energy factor of 0.96.



Need Help Making Home Energy Upgrades? *Ask Jason!*



Get FREE expert
energy advice from
Ventura County's
emPower Energy Coach.



Jason is available to:

- ★ Provide information on home energy efficiency
- ★ Conduct a site visit to evaluate your home
- ★ Recommend cost effective solutions



emPower
Ventura County



www.emPowerSBC.org

Schedule your Energy Coach appointment at (805) 654-3834 or e-mail emPower@ventura.org