



Hawaii Energy + you

Working Together to Create a More Sustainable Hawaii

JUST WHAT IS HAWAII ENERGY ANYWAY?

Hawaii Energy is the state's Energy Conservation and Efficiency Program, funded by ratepayers for the benefit of ratepayers. We administer the program in the Counties of Honolulu, Maui and Hawaii under contract with the Hawaii Public Utilities Commission.

Our core mission is to educate, motivate and incentivize electric utility customers interested in adopting energy conservation and efficiency measures to save electric energy and reduce Hawaii's dependence on imported fuels.

It starts with YOU.

To learn about how to get **CASH INCENTIVES** and other support, turn this page over now!

Why Energy Efficiency is Important

Making your household energy efficient not only reduces your own cost of electricity, it also helps our state economy become more independent from the world's oil situation. As a result, it makes you part of a community-wide effort to realize energy savings, keep Hawaii businesses viable, create jobs, and improve the economy.

Cash Incentives

Hawaii Energy's cash incentives help you invest in energy efficient equipment for your home. These installations quickly pay for themselves and the savings keep coming year after year. Here are just a few examples:

1

SOLAR WATER HEATING

Your home's largest energy consumer is the electric water heater. When you switch to a solar water heater, you save about 35% on your utility bill. What's more, with Hawaii Energy's rebate, state and federal tax credits, and reduction in electricity use, you can save nearly 70% on the system purchase price in the first year.

\$750
REBATE

2

ENERGY STAR® REFRIGERATOR PROGRAMS

If your refrigerator is more than 20 years old, it can be 2-3 times more expensive to operate than a new ENERGY STAR model.

\$125

TRADE-IN FOR
PROPER RECYCLING
INCENTIVE

\$50

ENERGY STAR
REBATE W/ PURCHASE
OF \$600 OR LESS

\$65

MAUI AND HAWAII
FRIDGE/FREEZER
BOUNTY INCENTIVE

\$25

OAHU FRIDGE/
FREEZER BOUNTY
INCENTIVE

3

ENERGY STAR CEILING FANS

Ceiling fans create a gentle breeze that provides cooling comfort on those hot days. These fans use 90% less power than a small window air conditioner to operate. Adding ceiling fans to stay cool is a really cool way to save energy!

\$40
REBATE

4

COMPACT FLUORESCENT LAMPS

ENERGY STAR Compact Fluorescent Lamps (CFLs) use 75% less energy to produce the same amount of light as old-fashioned light bulbs. Get a \$1 instant rebate per lamp when purchased at a participating retailer. Switching to CFLs is a quick and easy way to start saving energy and money.

\$1
PER CFL

This is Just the Beginning...

Hawaii Energy has other easy and simple ways for you to save energy in your home. To save you a little time and energy, visit us at www.HawaiiEnergy.com, or call us at 537-5577 or on the neighbor islands, toll-free, at 1-877-231-8222.

We appreciate both your interest and participation in reducing our dependency on oil to keep our island lifestyle.



Hawaii Energy

YOUR CONSERVATION & EFFICIENCY PROGRAM



Hawaii Energy + you

Residential Rebates are available to help you save money

Instant \$1 Rebates on ENERGY STAR® Compact Fluorescent Lamps (CFLs) at participating retailers (no application needed)

Solar Water Heating - **\$750**

Solar Water Heating Interest Loan Buy-Down - **\$1,000**

ENERGY STAR Heat Pump Water Heater - **\$200**

ENERGY STAR Refrigerators with the purchase price of \$600 or less - **\$50**

ENERGY STAR Refrigerators with your TRADE-UP - **\$125**

Refrigerator/Freezer Bounty (turn-in)

Free pick-up and recycling plus **\$25** rebate on Oahu or **\$65** on Hawaii or Maui

ENERGY STAR Top Tier Clothes Washers - **\$75**

ENERGY STAR Ceiling Fans - **\$40**

ENERGY STAR Ductless Split Air Conditioners - **\$110**

ENERGY STAR Variable Refrigerant Flow Air Conditioners - **\$200**

Solar Attic Fan - **\$50**

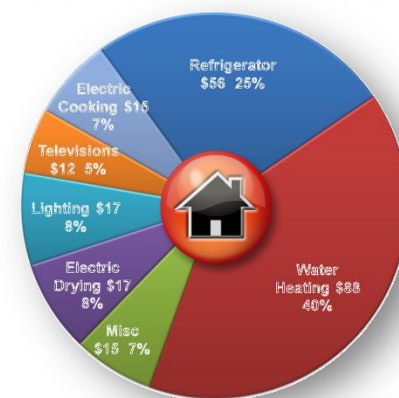
Central AC Maintenance - **\$50**

Whole House Fans - **\$75**

Whole House Energy Monitor - 50% of the purchase price up to **\$100**

Rebate applications are available at www.HawaiiEnergy.com

Where the energy goes
in a home



Three-bedroom home
for a family of four on Oahu

First place to find savings is your Water Heating

Your home's largest energy consumer is the electric water heater when you don't have air conditioning or a swimming pool. When your home has 4 or more people, switch to a solar water heater and you save about 35% on your utility bill. With Hawaii Energy's rebate plus state and federal tax credits you can save nearly 70% on the system purchase price in the first year. To start, go to HawaiiEnergy.com to select a participating solar contractor today! If your home has less than 4 people, consider an ENERGY STAR heat pump water heater for a \$200 dollar rebate.

Second is your Refrigerator

If your refrigerator is more than 20 years old, it can be 2-3 times more expensive to operate than a new ENERGY STAR model. TRADE-UP to a new ENERGY STAR model and get a \$125 rebate. Or call Hawaii Energy to pick up and recycle your old, extra refrigerator or freezer to save: \$380 on Oahu, \$420 on Maui, \$490 on Hawaii Island, and \$555 on Molokai and Lanai in electric cost in a year, plus get a rebate. This offer is coming soon to Molokai and Lanai. Savings are based on electric rates of each island as of September 2011.

Third is your Lighting

ENERGY STAR Compact Fluorescent Lamps (CFLs) use about 70% less energy to produce the same amount of light as old-fashioned light bulbs and can last up to 10 times longer. Get an instant \$1 rebate per lamp at participating retailers, with no applications to fill in. By changing just 10 old-fashioned 100-watt light bulbs to energy-savings CFLs, you will **save \$350** each year in electricity (based on Oahu's November 2011 electric rate). For more information about CFL disposal, visit the EPA website at Epa.gov or HawaiiEnergy.com.



Hawaii Energy has other easy and simple ways to save energy in your home or business.

Visit www.HawaiiEnergy.com, or call us at **537-5577** on Oahu, or on the Neighbor Islands, toll-free, at **1-877-231-8222**

Calculate Your CFL Savings



\$44 per year to use a 100-watt bulb




\$9 per year to use a 20-watt CFL

Save \$35

a year in electricity for each bulb changed

By changing just 10 bulbs to CFLs you will save **\$350** each year in electricity

Wattage equivalency

Old Bulb	New CFL
40 w	9 to 13 w
60 w	13 to 15 w
75 w	18 to 23 w
100 w	20 to 26 w

	Old 100 watts	New 20 watts	Savings
Oahu	\$44.81	\$8.96	\$35.85
Hawaii	\$55.29	\$11.06	\$44.23
Maui	\$47.68	\$9.54	\$38.14
Lanai	\$56.71	\$11.34	\$45.37
Molokai	\$55.51	\$11.10	\$44.41

Based on November 2011 electric utility rates

How to choose the proper CFL for your fixture



Spiral Bulb

The spiral CFL is the most popular CFL available. Its ice cream cone shape helps distribute light evenly in all directions and is best used in desk, floor and shade lamps, as well as swing-arm lamps, wall lights and sconces, which allow ample air flow. Spiral bulbs also are available in a mini size.



A-Type

For aesthetic reasons, choose A-line CFLs for light fixtures where the bulb will be exposed, such as ceiling fan lights or hanging fixtures.



Globe

Globe-style CFLs work best for vanity mirrors, bathroom light fixtures and some ceiling fan light fixtures where you would like an attractive display of this type of CFL.



Chandelier

This bullet-shaped or flame-tip CFL bulb offers a stylish look for chandeliers, specialty decorative lamps, narrow wall sconces and some ceiling fan light fixtures.



Reflector

Downlight can fixtures are popular in many newly constructed homes and reflector CFLs offer the perfect fit for this type of recessed lighting. Reflector CFLs also work in upright can fixtures, track lighting and accent lighting fixtures. Be sure to choose CFLs that fit properly and do not protrude from the fixture as this can cause glare.



3-Way

Some 3-way bulbs closely resemble spiral bulbs and are available in different shapes, such as A-line and circle-line. Use them in desk, floor and shade lamps, as well as swing-arm lamps, wall lights and sconces, which allow ample air flow and use a three-way switch.



Dimmable

CFLs with the dimmer feature are available in spiral and reflector shapes with the word "dimmable" on the CFL or packaging. Manufacturers continue to add new shapes each year, so check with your retailer for updates. Be sure to only use dimmable CFLs in fixtures that have the dimmer control feature.



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