How to Compensate for Charging your EV at Home

Average is based upon Battery EV consuming 3,000 kWh/10,000 miles annually. Savings below are annual.

Switch to efficient water heating

Comparison based on switching from standard electric water heating.

Heat Pump Water Heater
Saves up to 2,000 kWh

Solar Water Heater
Saves up to 2,000 kWh

Switch to efficient home lighting

Comparison based on switching from incandescent lighting

LED light bulbs
Saves up to 40 kWh per bulb

The average home has about 30 light bulbs. That's a combined savings of up to 1,000 kWh annually!

Upgrade old appliances to energy-efficient models

Comparison based on average kWh switching from older appliances

Clothes Washer
Saves up to 200 kWh

Refrigerator
Saves up to 60 kWh

Choose efficient home cooling systems

Comparison based on switching from 2006 or older central AC systems

Whole House Fan
Saves up to 800 kWh

Mini-Split AC
Saves up to 600 kWh

A kilowatt-hour (kWh) is a way to measure how much energy you're using. Your electric meter reads your electricity consumption in kWh which is then used to calculate how much you would pay for power using your state's rate.

Hawai'i Energy