



UNDERSTANDING MY HOME ENERGY

This worksheet is designed to help you become more familiar with your home's energy usage. Use this guide to help prioritize what energy efficiency item you should do next.

Some answers may require a professional. For resources, videos, and inspiration for an all-electric household go to www.cooldavis.org/HomeEnergy

MY HOME ADDRESS: _____

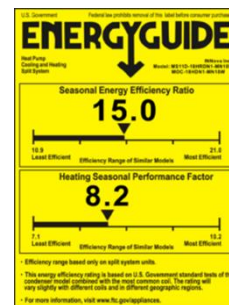
Year Built:	Number of Stories:
Square Footage:	# of Occupants:

COMFORT: If your system isn't balanced or sized right it is not uncommon to have comfort issues. Describe rooms that are uncomfortable (too hot/too cold, drafty, slow to heat/cool):

1. HEATING AND COOLING SYSTEMS

Take a picture of your unit and/or the yellow energy label (Type/Size/Fuel/Efficiency Rating/Year Installed)

Heating system:
Cooling system:



DUCTING If you have a central system that blows air throughout the house, it is important to have ducts sealed and properly sized. **Get your ducts tested!**

Duct location, insulation, leakage: _____

THERMOSTAT Recommended thermostat "set points": Heating 68 degrees or lower, Cooling 78 degrees or greater. If your house is not comfortable at these temperatures, you may have a problem (see Envelope below). A "Smart" thermostat can automatically adjust. See our resources because you might be eligible for a generous thermostat **rebate!**

Thermostat type (on/off, programmable, smart) and set points: _____

2. WATER HEATING: Typically the 2nd largest energy expense in your home. Reduce by using less, turning down thermostat, insulate, and when time, replace with an energy efficient one. Take a picture of your unit and/or the yellow energy label.

Type, fuel & location

3. ENEVELOPE: Keep conditioned air in your home

Air Leakage Is your home drafty? A test called Blower Door can measure air leakage and problem areas: _____

Insulation Where is the insulation in your home and how much? Go measure it, snap a pic! Insulation location and measurement: _____

Windows and Doors Leaky doors and windows can be a major contributor to air leakage.

What windows and doors need to be updated? _____

4. LIGHTING Energy Star and LED lighting can be throughout the house

What fixtures need to be replaced with LED?

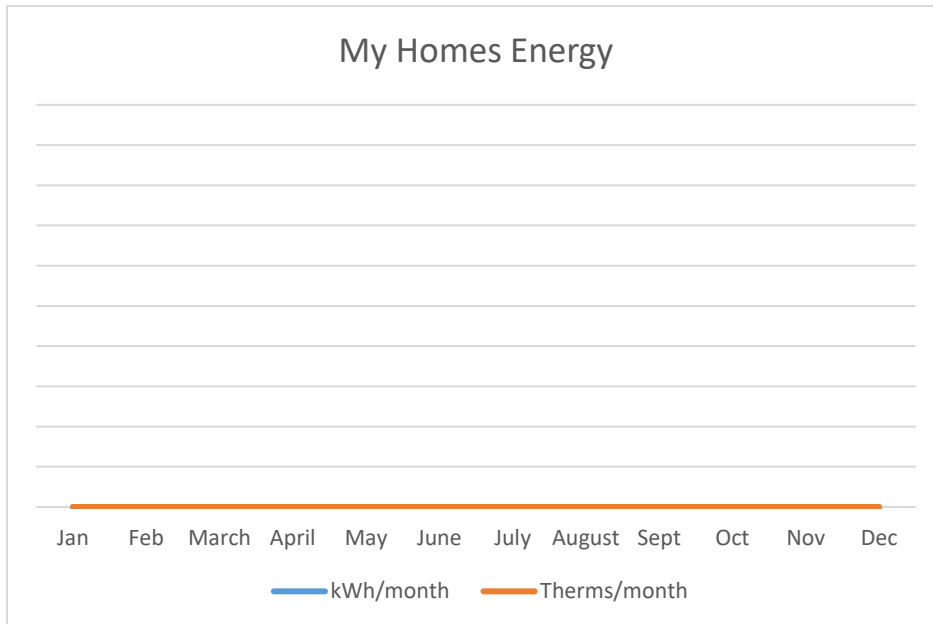
5. APPLIANCES Refrigerators, Dishwashers, Cloths Washers, Pool Pumps can be Energy Star

Which ones are not Energy Star?

MY ENERGY USAGE

Login to PG&E to access your account and view or download energy usage using “Green Button”

- Print or graph it below
- Do a “Home Energy Checkup”
- Look at electricity and natural gas separately



6. OTHER Special features that make my home unique: Do you use have a kiln, large aquarium, or other hobby that uses energy? There might be unique solutions, so list them here:

Visit the Cool Davis Home Energy web page and download other Cool Solutions Planning Guides at:
www.cooldavis.org/HomeEnergy/

Who is Cool Davis? *Cool Davis is a local non-profit organization dedicated to helping Davis residents and businesses adopt more sustainable practices and reduce their greenhouse emissions. Cool Davis has partnered with the city since 2010 to offer resources, host events, and provide outreach and educational experiences for Davis residents. To learn more about other Cool Davis projects related to energy, transportation, and consumption of goods and services, visit us at www.cooldavis.org.*