



UNDERSTANDING MY HOME ENERGY WORKSHEET

This worksheet is designed to help you become more familiar with your home's energy usage and help you prioritize which energy efficiency action should come next. Some answers may require a professional. (Updated May 2023)

For resources, videos, and inspiration for an all-electric household, go to www.cooldavis.org/home-energy

MY HOME ADDRESS: _____

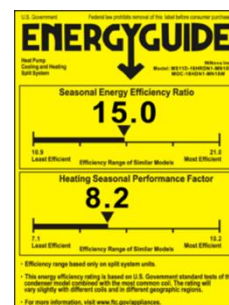
Year Built:	Number of Stories:
Square Footage:	# of Occupants:

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 settings based on your schedule and time-of-use utility rates. See our resources because you might be eligible for a generous thermostat **rebate!**

Thermostat type (on/off, programmable, smart) and heat/cool set points
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2. WATER HEATING: Typically the 2nd largest energy expense in your home. Reduce by using less hot water, turning down water heater set points, insulate, and when time, replace with an energy efficient one. Take a picture of your unit and/or the yellow energy label.

Water heater type, fuel, and location

3. ENEVELOPE: Keep conditioned air inside your home.

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

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

Windows and Doors Leaky doors and windows can be a major contributor to air leakage. Which windows and doors need to be updated? _____

4. LIGHTING Energy Star and LED lighting can be used throughout the house. Which fixtures need to be replaced with LED? _____

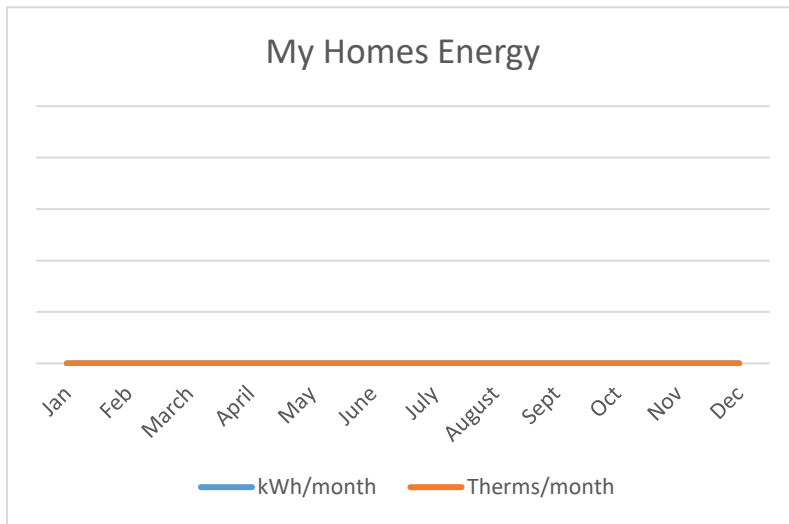
5. APPLIANCES Refrigerators, dishwashers, clothes washers, and pool pumps can be Energy Star. Which ones are not Energy Star? _____

6. POOL PUMPS Pool pumps can be huge energy users. Is your pool pump single speed? Two speed/variable speed pumps can save a lot of energy. Consider a pool pump [upgrade](#).

MY ENERGY USAGE

Login to PG&E.com to access your account and view or download your energy usage using the "Green Button: Download My Data" feature located under Energy Details (click logo shown here).

- Print your usage or graph it below
- Remember to look at electricity and natural gas separately
- Do a "[Home Energy Checkup](#)" also



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: _____

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.