

DIY HOME ENERGY AUDIT

STEP 1

FIND AREAS NEEDING IMPROVEMENT

- » **Locate air leaks:** Check for air infiltration at windows, doors, receptacles, switches, and at locations with pipe or duct penetrations through walls.
- » **Consider ventilation:** Look for burn marks or soot around appliance burners or vent collars.
- » **Check Insulation:** See if your walls and/or attic space is insulated. If it is, verify if the amount of insulation is the right amount.
- » **Inspect HVAC equipment:** Assess how old your equipment is. Consider replacing anything older than 15 years old. Check and replace filters on a regular basis
- » **Lighting:** Determine what types of electric light sources you are using (LED is the best)
- » **Appliances and Electronic:** Determine if your appliances and electronics are energy efficient

STEP 2

ASK QUESTIONS

- » How much do you spend on energy costs?
- » Where are your greatest energy losses?
- » How long will it take for an investment in energy efficiency to pay for itself in energy cost savings?
- » Are your fixtures controlled by sensors, timers, and/or dimmers to reduce lighting use?
- » Are there additional benefits that are important to you—for example, increased comfort from installing double-paned, efficient windows?
- » How long do you plan to own your current home?
- » Can you do the job yourself or do you need a contractor?
- » What is your budget?
- » How much time do you have for maintenance and repairs?

STEP 3

DEVELOP A WHOLE-HOUSE PLAN

- » Take steps to make improvements based upon your responses to the questions listed above