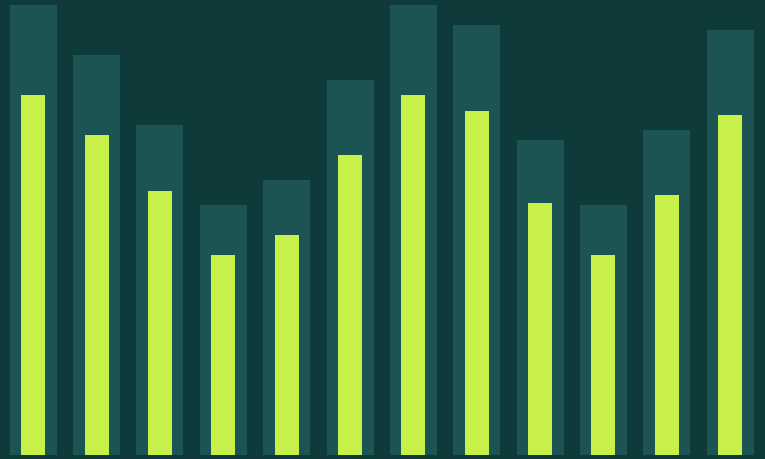




The DIY Energy Audit Workbook

One afternoon, room by room

General energy-saving information. Savings vary by home, climate, equipment and rates.

Hire licensed professionals for electrical, gas and HVAC work.

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1. Your baseline

Copy 12 months of use from your bills or your utility's website. All-in rate = total electric charges ÷ kWh.

Month	Electric kWh	Electric \$	Gas therms	Gas \$	Notes
Jan					
Feb					
Mar					
Apr					
May					
Jun					
Jul					
Aug					
Sep					
Oct					
Nov					
Dec					
Total					
My all-in electric rate (\$/kWh)					
My gas rate (\$/therm)					
Lowest night-time use (smart meter), watts					

2. Room-by-room walk-through

Tick what you find. Note the room so you can come back.

Lighting	Room(s)
☐ Bulbs still incandescent or halogen	
☐ Lights left on in empty rooms	
☐ Outdoor lights on all day	

Electronics	Room(s)
☐ TVs, consoles or boxes with "instant on"	
☐ Chargers and devices plugged in but unused	
☐ Spare-room TV or second fridge	

Windows and vents	Room(s)
☐ Drafty windows or missing weatherstripping	
☐ Sunny windows with no shades in summer	
☐ Blocked supply or return vents	

Comfort clues	Room(s)
☐ Rooms that are always too hot or cold	
☐ Condensation or mold on windows	
☐ Ceiling fans set the wrong direction	

3. Air leak hunt

On a windy day, use an incense stick or a damp hand. Mark each leak and how you'll fix it.

Where to look	Leak found?	Fix (caulk, foam, weatherstrip, gasket)
☐ Attic hatch or pull-down stairs		
☐ Recessed lights in top-floor ceilings		
☐ Plumbing and wiring holes into the attic		
☐ Exterior doors (sides and bottom)		
☐ Window frames and sashes		
☐ Outlets and switches on outside walls		
☐ Where pipes and cables enter the house		
☐ Basement rim joist		
☐ Dryer vent and exhaust fan housings		
☐ Fireplace damper		
☐ Garage-to-house door		

4. Systems and standby

System	Fuel	Age	Rating (AFUE / SEER2 / UEF)	Last serviced

Always-on devices

Measure with a plug-in meter if you have one. Each watt running all year costs about 8.76 kWh.

Device	Room	Standby watts	Keep on? / fix

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Free first, then cheap, then bigger upgrades. Check rebates before buying equipment.

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