

Quick fixes and money-saving tips!

- Spray foam or caulk air leaks
- Weatherstrip doors
- Install LED bulbs, saving approximately 80% of cost of lighting house
- Use a smart thermometer to adjust temperatures
- Lower furnace thermostat 5 degrees at night or when away from home to save 15% on energy bill
- Raise AC thermostats or use fans to reduce energy costs
- Set water heater temperature to 120°
- Close blinds/curtains at night
- Cover doorway with draft excluder
- Check out *Energy Saver* tips at www.energy.gov/energysaver
- Subscribe to *Good Energy*, a seasonal energy-saving tip sheet for Johnson County at www.johnsoncleanenergydistrict.org

Planning Assistance

State-of-the-art information from government sources on household energy use, appliances, and financial incentives

Energy Saver www.energy.gov/energysaver

Energy Star www.energystar.gov/

Johnson Clean Energy District
www.johnsoncleanenergydistrict.org



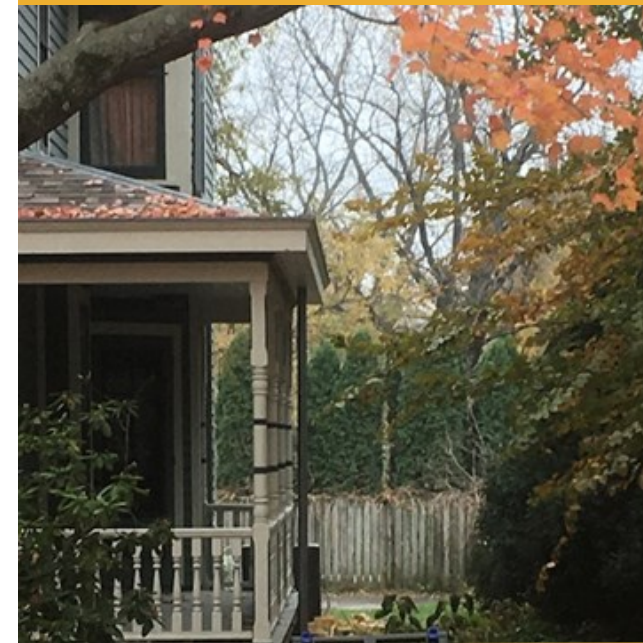
Professional Energy Assessments and Coaching

JCED contracts with energy coaches to conduct detailed energy audits and help homeowners evaluate and prioritize upgrades. Auditors with All Pro Home Inspections are certified by the American Society of Home Inspectors and have 40+ years of experience in Johnson County.

To learn more, contact JCED at info@johnsoncleanenergydistrict.org

**Save money
and the planet!**

**Do It Yourself!
Home Energy
Assessments**



Johnson Clean Energy District

Home Energy Assessment Checklist



There's never been a better time to start making your home more energy efficient. Over the next ten years, the federal government will provide tax credits and cash rebates to reduce energy used to heat, cool, and power homes and install renewable energy. You can save thousands on up-front costs and thousands more in future utility bills.

Where to start? A home's energy use is based on: (1) the tightness of a building's envelope of walls, attic, basement, windows and doors; and (2) appliances. Learning about these two parts of your house is a crucial step in getting started, followed by prioritizing and planning upgrades.

A simple, do-it-yourself home energy assessment can teach you a lot about your home. Get a flashlight, camera, the assessment checklist, and maybe a friend or family member to help. What you learn will guide your next steps. Check the Department of Energy's DIY Home Assessment Video for more information:

<https://www.energy.gov/energysaver/do-it-yourself-home-energy-assessments>

Insulation and Air Leaks

- Attic insulation: loose-fill at least 12"; batting 11"; or spray foam 6-10"
- Attic access door is insulated
- Check attic ventilation
- Basement joists on perimeter of building are insulated
- Exterior walls are insulated
- Insulation around interior vents (heat registers in floor, etc.)
- Exterior penetrations through sidewalls caulked

Notes:

Heating and Cooling

Furnace:

- Energy Star or efficiency rating (AFUE or % heat produced/\$) above 80% (search serial number online)
- Estimate 15-25 years furnace lifespan, lower AFUE over time

Tips: www.energy.gov/energysaver/furnaces-and-boilers#

Air conditioner:

- High efficiency (SEER rating 14 or higher)
- Estimate 10-15 year lifespan

Tips: www.energy.gov/energysaver/air-conditioning

Notes:

Windows and Doors

- Check for air leaks around doors and windows
- Glass and framing intact
- Framing is caulked
- Trim and siding is caulked
- Double or triple-paned windows or storm windows
- Storm doors
- Be aware of historic district guidelines on window replacements

Notes:

Major Appliances

Water heater

- Energy Star or EnergyGuide label for ratings above .65
- 10 years old or less
- Pipes insulated

Refrigerator

- Energy Star or EnergyGuide label; E and F ratings and above are efficient models

Washer/dryer high-efficiency

- Energy Star or efficiency ratings A - D

Notes: