If every American home replaced just one light bulb with a CFL, we would save enough energy to light more than 3 million homes for one year, and save more than $600 million in annual energy costs.*

You could save $12-$30 each year by turning your water heater down 10 degrees.**

Unplug! The average U.S. household spends about $100 a year on electricity for plugged-in appliances and chargers they aren’t using.**

Get more energy efficiency tips at duke-energy.com/tips.

*Source: ENERGY STAR® (energystar.gov)
**Source: U.S. Department of Energy (energy.gov)
At Duke Energy, we're here to generate and deliver electricity to your home. We're also here to help you use it more efficiently. Because when you use less energy, you help us delay the need to build new, expensive power plants. After all, the cleanest, greenest power plant is the one we never have to build.

And using less energy helps you save money on your bill. We all win.

By making small changes to your normal routine, you can spend less on energy and have more to live your life. Here are some simple things you can do right now to make your home more energy efficient.
HOME ENERGY USE BREAKDOWN

You might be surprised at which areas of your home use the most energy. You may have guessed that heating and cooling use the most energy in an average household. But did you know that lighting and the energy to heat water are the second-biggest energy users? Here's a breakdown of an average home's total energy usage, and some tips to help you use less energy and lower your bill.

- Heating and cooling: 43%
- Water heating: 12%
- Lighting: 11%
- Refrigerators and freezers: 8%
- Electronics: 8%
- Washers, dryers and dishwashers: 8%
- Cooking: 5%
- Other: 5%
HEATING AND COOLING

Your air conditioner and heater are probably your biggest energy wasters. Here are some ways you can save:

Adjust your thermostat. Or better yet – program it! Change the temperature on your thermostat a few degrees, and the savings can really add up. We recommend setting your unit to 78 degrees in the summer and 68 degrees in the winter, but even a few degrees difference can have a big impact on your energy bill. Leaving for a few hours? Adjust your setting either up or down, depending on the time of year.

- Use ceiling fans to cool off for less. They use no more electricity than a standard light bulb. Your fan should be set to turn counter-clockwise in summer. Switch it to turn clockwise in winter to recirculate warm air from the ceiling. And be sure to turn off fans when you walk away – fans cool people, not rooms.

- Change or clean your heating and cooling system’s air filters at least once a month, and close air vents in rooms you are not using.

- Don’t block air vents with curtains and furniture. Also, close the flue in your fireplace and install glass doors to keep in the warm air.

WATER HEATERS

The energy needed to heat water can represent a huge chunk of your monthly energy bill. Shorter showers can help, but there are other easy ways to cut water heating costs:

Reduce your water heater temperature setting to 120 degrees or less to save money. You’ll still have ample hot water.

- Wash with cold water. Laundry detergent works just as well, and you’ll save 40 cents per load.
- Check your hot water pipes for leaks. They can drain your energy savings.

LIGHTING

Lighting accounts for a big percentage of your energy bill, too. A simple and inexpensive way to save: use energy-efficient bulbs.

Replace standard bulbs with compact fluorescent light (CFL) bulbs. If you replace your six most-frequently-used bulbs with CFLs you can save up to $240 over their lifetime.

- Use motion-detector lights for all your outdoor lighting – they’re convenient and efficient. Choose outdoor CFLs. They last up to 10 times longer than standard bulbs. Our online store offers up to 92 percent off all kinds of energy-efficient lighting.
APPLIANCES

There are a number of ways you can use the items and appliances in your home differently to help reduce your energy usage – and lower your monthly bill.

REFRIGERATORS AND FREEZERS

Set refrigerators at 38 to 40 degrees and freezers at zero degrees.

- Check the seal on door gaskets by closing the door on a dollar bill. If it pulls out easily, consider a new door gasket.
- Consider upgrading your appliances to ENERGY STAR® models. They quickly pay for themselves in energy cost savings. If you have a second refrigerator or freezer you rarely use, we’ll pay you $50 and haul your old appliance away free of charge.

ELECTRONICS

Make sure to unplug cellphone and other battery chargers when not in use.

- If you’re going to be away from your computer for more than 20 minutes, turn off the monitor; for more than two hours, turn off the computer.
- Unplug or connect modems, printers, TVs, DVD players, cable/satellite boxes and other remote controlled devices to a power strip that can be turned off when they are not being used.

WASHERS, DRYERS AND DISHWASHERS

Don’t overload the washer, and wash with cold or warm water when possible.

- Dry full loads, but avoid overloading. Use warm rather than hot setting, and clean the lint filter after each use.
- Install your dryer in a finished, heated area of your home. This reduces the amount of energy needed to dry clothes in cold weather.
- Run only full loads in the dishwasher, and use the air-dry/energy saver option for your dishes.

COOKING

Turn off your oven just a few minutes before the cooking time ends.

- Cook items together in the oven if their cooking temperatures are within 25 degrees of one another.
- Preheat your oven only when necessary, and don’t open the door to peek.
- Microwave when possible; these ovens use 30 to 70 percent less electricity than a full-size oven.
FREE PROGRAMS AND REBATES

Keep this booklet to help you remember easy ways to save money and energy around the house.

We also offer the following programs and rebates exclusively to you so that you can take better control of your energy use. Here are some of our most popular programs:

Appliance Recycling Program
Get $30 for recycling your old refrigerator or freezer. We'll pick it up and haul it away for free. Plus, you'll save up to $150 per year in energy costs.
duke-energy.com/Recycle

Smart Saver®
Get up to $550 in incentives and savings on qualifying high-efficiency equipment and services, like HVAC and home insulation upgrades, pool pump installation and more.
duke-energy.com/SmartSaver

Power Manager®
Get paid to reduce your air conditioning system's runtimes when demand for electricity is at its highest.
duke-energy.com/Power-Manager

Get energy-efficient lighting
Compact fluorescent light (CFL) bulbs are free to qualifying Duke Energy residential customers in Ohio, Kentucky, North Carolina and South Carolina. Replace your six most-frequently-used bulbs with CFLs and save up to $240 over their lifetime.
duke-energy.com/GetFreeCFLs or call 800.943.7585

Duke Energy Savings Store
If you're a qualified customer in Ohio, Kentucky, North Carolina or South Carolina, shop our online savings store for a wide variety of discounted ENERGY STAR certified indoor and outdoor bulbs for your home. They're up to 92 percent off retail prices.
duke-energy.com/MyBulbStore

Home Energy House Call
You may be eligible for a free in-home energy review, valued at $150, and a free Energy Efficiency Starter Kit, valued at $30.
duke-energy.com/HouseCall

Home Energy Manager (only available in Ohio)
Our new home energy management system puts you in control. Eligible customers enjoy access to usage information, personalized tips and up to two FREE installed wireless Internet-accessible thermostats that can be remotely controlled from a PC or mobile device.

Consider upgrading your appliances to ENERGY STAR® models. They can help lower your bill and improve the comfort of your home, and they are better for the environment. Plus, they quickly pay for themselves through the money you save on energy bills.