



Your Customized Home Energy Report

May 20, 2013

Laura L. Thigpen
2240 The Cir
Raleigh, NC 27608-1448

Dear Ms. Thigpen,

Thank you for your interest in increasing your home's energy efficiency. Based on the answers you provided in the energy usage questionnaire, we're pleased to present you with your own **Customized Home Energy Report**.

This detailed report contains **information and cost comparisons regarding your home's electric usage**, plus **personalized recommendations** to help you use less energy and save you money each month on your electric bill. You'll also receive information about **available Duke Energy Progress rebates** specific to your home's efficiency needs.

We hope this report will be a useful tool to help you save more energy and money. If you'd like to see additional energy-saving tips, please visit us online at duke-energy.com. Thank you for your participation.

Sincerely,

The Customized Home Energy Report Team

Your Home's Profile

Account Number	6934291789
Type of home	Detached Single Family
Home size	2,680 (sq. ft.)
Year Built	1928
Space heating fuel	Electricity & Natural Gas
Water heating fuel	Electric Tank
Summer home temp.	70
Winter home temp.	64
Your previous 12 month Duke Energy Progress bill amount ¹	\$885
Your previous 12 month bill amount using the average U.S. electric rate ²	\$1,030

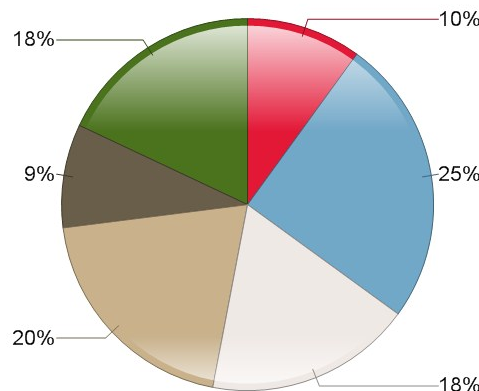
As a Duke Energy Progress customer, you paid \$145 less than the national average.

1. Bill amount includes metered electric charges and does not include charges for other services or taxes and is calculated using the average residential rate for your specific area.
2. This bill amount equals the sum of your electricity usage (kWh) of your previous 12-months times the ratio of the U.S. average electric rate and Duke Energy Progress average rate provided from U.S Energy Information Administration / Electric Power Monthly – Report March 2012.

How your household uses electricity

Annual Cost Breakdown*

■ Heating	\$91
■ Cooling	\$218
■ Water Heating	\$162
■ Kitchen/Laundry	\$181
■ Lighting	\$79
■ Other**	\$154
Total	\$885



The percentages in this pie chart are estimates based on data you provided and the results of energy load monitoring studies. They are not based on actual measured readings of usage within your home.

*Amounts rounded to the nearest whole dollar figure.

**The *Other* section may include uses such as supplemental electric heating, dehumidifier, computer, pool/spa pump and entertainment systems.



Comparing your monthly electricity bills*

June 2011 - May 2012			June 2012 - May 2013		
Bill Month	Electricity Usage (kWh)	Electric Charges *	Bill Month	Electricity Usage (kWh)	Electric Charges *
Jun 2011	848	\$84.37	Jun 2012	753	\$78.56
Jul 2011	640	\$71.73	Jul 2012	1,214	\$134.66
Aug 2011	1,191	\$127.67	Aug 2012	1,059	\$118.33
Sep 2011	1,180	\$126.56	Sep 2012	766	\$87.35
Oct 2011	924	\$100.56	Oct 2012	466	\$55.45
Nov 2011	845	\$84.09	Nov 2012	504	\$54.38
Dec 2011	853	\$85.34	Dec 2012	793	\$81.60
Jan 2012	660	\$69.69	Jan 2013	747	\$76.64
Feb 2012	692	\$72.74	Feb 2013	441	\$48.01
Mar 2012	938	\$96.20	Mar 2013	487	\$52.31
Apr 2012	572	\$61.30	Apr 2013	491	\$52.69
May 2012	539	\$58.15	May 2013	412	\$45.30
Total	9,882	\$1,038.40	Total	8,133	\$885.28

* Electric charges include Total Electric Charges and do not include charges for other services.

Computing your energy savings

Even when you're not using your computer, your computer could be using electricity. **Shutting down** your computer is the easiest way to save electricity and money – here are others:



- Put your computer in sleep mode when not in use and turn off monitors when away from the screen for even short periods.
- Put a power strip on your computer and components (scanner, printer, modem and phone) to disable when not in use.
- Don't use screen savers – they use the same amount of electricity as your monitor at full capacity.
- Look for the ENERGY STAR® label when buying a new computer.

Typical Computer Energy Cost per Year*

Component	Watts per Hour	Energy Used	Annual Energy Cost
Desktop with 17" CRT Monitor	240	720 kWh/year	\$78.36
Desktop with 17" LCD Monitor	160	480 kWh/year	\$52.20
Laptop Computer	45	134 kWh/year	\$14.64
Desktop in "Sleep" Mode	10	30 kWh/year	\$3.24

*Costs based on an average of 8 hours per day use at \$0.11 per kWh.

Clearing the air about air filters

Home filters keep your heating and cooling systems clean. By regularly cleaning or replacing filters, you'll not only prolong the life of your systems, you can lower your air conditioner's energy consumption by 5 to 15 percent.

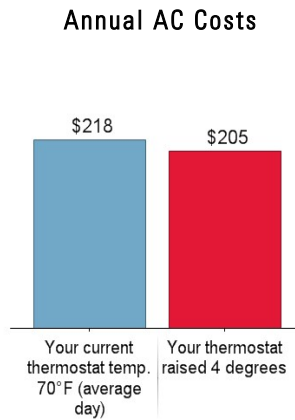
- Most experts recommend replacing filters anywhere from every month to every three months, depending on the quality of your air filters, environmental factors and seasonality.
- Try buying multiple filters at once so you will always have replacements readily available.



A positive spin on ceiling and oscillating fans

SAVE MONEY BY USING YOUR FANS EFFICIENTLY.

Each degree a thermostat is raised in the summer can save 3 to 4 percent on air conditioning costs. Thermostats should be set at the highest comfortable temperature – 78 degrees or higher – and kept there. Turning on fans to supplement cooling uses less energy and keeps you comfortable at higher temperatures.



ENERGY-EFFICIENCY TIPS

- Turn off fans when you're not in the room – they cool people, not rooms.
- For maximum effectiveness, turn your ceiling fan in a counter-clockwise direction in summer. In winter, reverse the direction.
- Have central air? Keep the thermostat fan switch in the "auto" position for better cooling, humidity control and savings. Continuously keeping the fan switch in the "on" position could add \$25 to your monthly energy bill.



Make the Switch: Save on energy-efficient lights

Today's energy-efficient lights offer more options and more savings. Make the switch today – with great discounts from Duke Energy Progress.

- **Save up to 65%** – you'll save 65% on today's best variety of ENERGY STAR® qualified lights and fixtures. And with CFLs and LEDs in more shapes and styles than ever, you're sure to find the right option for all your lighting needs.
- **Lower your energy bills** – Today's energy-efficient lights use 75% less energy than traditional lights– and last 9-22 years.



Take advantage of Duke Energy Progress' discounts on energy-efficient lighting today. Look for our special pricing stickers in stores. To find a store near you visit duke-energy.com/lightdiscounts.

Installing a programmable thermostat may reduce your cooling costs

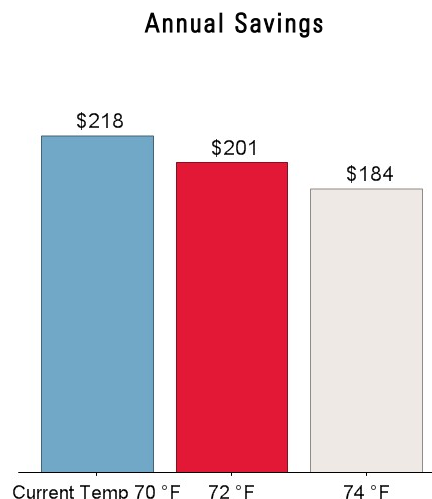
Thigpen Home Profile

Afternoon temp. in your home 70 °F

You could save \$34 each summer on your cooling costs by adding a programmable thermostat and setting it to increase the temperature of your home by 4 degrees each day.

Programmable thermostats are inexpensive and can be installed in most homes using only a screwdriver. Many homeowners save enough electricity and money in the first year to cover the cost of the programmable thermostat.

Learn more about programmable thermostats from **ENERGY STAR®**.



Using a programmable thermostat in your home could **save you as much as \$34** on your summer cooling costs.

Don't let your money slip through the cracks: Weather stripping and caulking

Sealing air leaks is an easy and inexpensive way to cut down on wasted energy and improve comfort all year long. Air leaks can waste 10 to 15 percent of your heating costs and force your air conditioner to run more often. In fact, ENERGY STAR® estimates that you could lower your energy bill by 10 percent a year just by properly sealing and insulating your home.



Where to look for leaks:

First, look at areas where different materials meet, such as between brick and wood siding, foundation and walls, and the chimney and siding. Also inspect around the following areas for any cracks and gaps that could cause air leaks:

- Door and window frames
- Recessed lighting
- Electrical and gas service entrances
- Cable TV and phone lines
- Outdoor water faucets
- Where dryer vents pass through walls
- Bricks, siding, stucco and foundation
- Air conditioners
- Vents and fans

Heat, cool, save

Thigpen Home Profile

Cooling system	Central Air Cooling System
Age of system	11-15 years

Almost half of your energy bill costs come from heating and cooling. A properly maintained heating and cooling system will be more efficient and save you energy and money. Plus, Duke Energy Progress rebates can help add to your savings.

It all starts with a Duke Energy Progress HVAC (Heating, Ventilating and Air Conditioning) audit, which will:

- assess your system efficiency
- offer detailed estimates of potential savings gained by making recommended repairs
- provide a post-repair report, showing the improved system efficiency and performance

Get up to \$100 in rebates when you have an HVAC audit performed by a Home Energy Improvement Program prequalified contractor.

For more information, please call **1.866.990.4347** or visit **duke-energy.com/HEIP**

Duct repair—An easy path to energy savings

Thigpen Home Profile

Year home built	1928
Last inspection	2-5 Years
Ducts sealed or insulated	Yes
Comfort issues	Uneven Temperatures Between Rooms



Sealing leaky air ducts saves energy—and improves comfort. Up to 20 percent of the air moving through a typical duct system is lost due to leaks, holes and poor connections. A properly sealed and insulated duct system can save energy and money – plus, you'll enjoy better comfort and indoor air quality.

Duke Energy Progress will pay to help you become more energy efficient

We'll pay 50% of repair costs (up to \$190) to your duct system. Visit **duke-energy.com/HEIP** for a list of prequalified contractors.