

## ENERGY AUDIT REPORT

Joy Curry  
4006 NW 48th Pl  
Gainesville, FL, 32606

Tuesday, September 23, 2008

Electricity Provider: GRU  
Gas Provider: GRU  
Water Provider: GRU  
Wastewater: GRU

Congratulations on taking the first steps down the path to an energy efficient home and real savings on your monthly utility bills!

The following report identifies most of your home's "low-hanging fruit" with regards to energy and water conservation. These simple, low-cost improvements will decrease your energy and water consumption and begin paying for themselves almost immediately.

The report is divided into a few sections:

1. If you provided us with your consumption history, we will first illustrate how your consumption compares to our average customer, both before and after improvements.
2. The second section estimates the savings you will realize if you follow through with our recommendations.
3. The third section contains an itemized list of suggested improvements, along with our bid for performing the improvements.
4. The final section offers recommendations for larger components in your home (e.g., HVAC, appliances, water heater, etc.); investment in these components can also bring significant savings in the long run, but often involve a larger upfront investment and a longer payback time.

The savings you will realize through investing in our recommended low-cost improvements will bring you immediate returns and help you budget for larger investments in the future.

Feel free to contact us if you have any questions or feedback. Thank you for your business!

Sincerely,

### DROPS & WATTS

Energy and Water Savings made Easy!

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The information contained within this document is believed to be correct and was obtained from sources believed to be reliable, but accuracy cannot be guaranteed. All quoted prices are subject to change.

The estimates in this Report are based on data obtained from a detailed inspection of your home. The information takes account of local weather, energy prices and implementation costs. Savings estimates do not take account of variations in the behavior of the occupants, modifications or additions performed to the building, or future weather changes. Nor do the cost estimates reflect variations in the complexity of the job or price among contractors and suppliers.

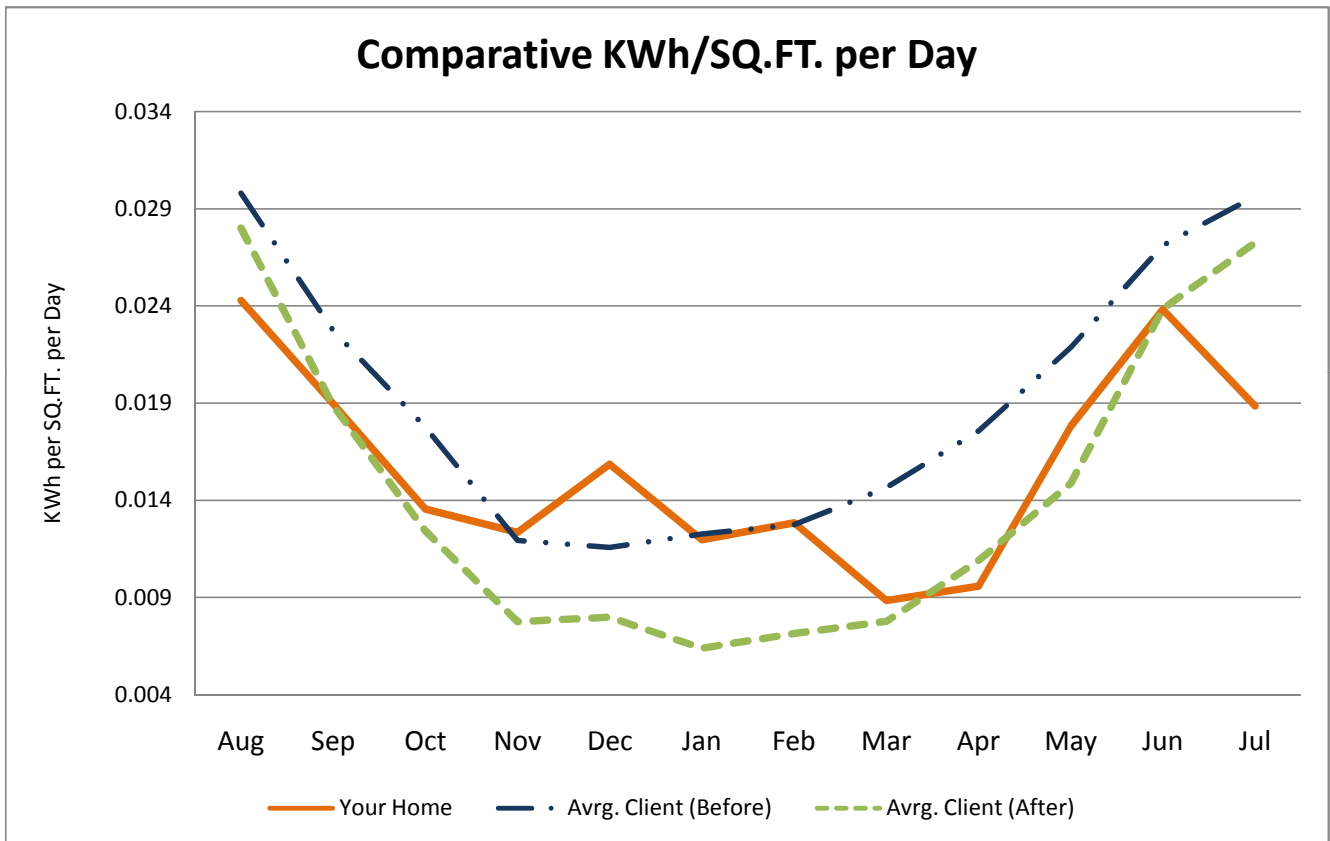
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COMPARATIVE - Electricity

Sq. Ft. 1,491

The graphic illustrates your home's Electricity Consumption, and how it compares with other homes before and after improvements. Our customers have reduced their home's consumption by 29% on average.



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Inspection Date: 23-Sep-08

## ENERGY AND WATER USE ASSESSMENT REPORT

### THIS IS NOT A WARRANTY


This report contains the estimated savings for your home once the recommended improvements are implemented. Please note that the estimations are based on the expected performance of the improvements, the actual condition of the home's systems, available data related to energy use, and data provided by you at the time of inspection. The savings obtained will vary throughout the year depending on the season, but the overall results should approximate the "Projected Savings." Since energy prices fluctuate, you should compare your consumption in units rather than in money.

### This Inspection Report:

1. Analyzes and summarizes your home's energy and water use.
2. Lists energy and water efficiency improvements, and projects the estimated savings resulting from their implementation.
3. Estimates the reduction in CO2 emissions as a result of energy savings.
4. Lists the cost of implementation if the improvements are provided by Drops & Watts.

### Current Consumption and Projected Savings

The table below summarizes "Current" monthly consumption (Electricity, Gas, Water, and Wastewater) during the last 12 months, and estimates the "Projected" savings resulting from implementation of the recommended improvements.

	Current		Projected			
	Monthly Consumption (averaged over the last 12 months)	Monthly Bill (averaged over the last 12 months)	Average Monthly Consumption	Average Monthly Bill	% Savings	Average Monthly Savings
Electricity (KWH)	703	\$99.31	580	\$81.42	17.49%	\$17.89
Gas (THERMS)	18.00	\$45.93	11.16	\$31.80	38.00%	\$14.12
Water (KGALS)	2.58	\$12.24	2.06	\$10.05	20.37%	\$2.19
Wastewater (KGALS)	2.58	\$21.54	2.06	\$16.41	20.37%	\$5.13
		\$179.01		\$139.68		\$39.33

### Estimated Environmental Savings

3176 pounds of CO2 not released into the atmosphere per year. This is equivalent to not driving a car for 96 days per year.

Equivalencies Source: EPA (2007). Greenhouse Gas Equivalencies Calculator.

6317 gallons of water saved per year.

### Investment

INVESTMENT: \$ 673.62 (See next page for details)  
 ESTIMATED PAYBACK TIME: 17.1 months.

If utility prices rise, the customer's return on investment will increase.

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**CONTRACT FOR SIMPLE IMPROVEMENTS**

Joy Curry, Homeowner, desires to contract with Archstone Inspections LLC, DBA Drops&Watts, Contractor, to perform services on property located at: 4006 NW 48th Pl, Gainesville, FL, 32606

The work to be performed under this agreement consists of the following: (Materials and Labor Included)

Material	Qty	Unit	Total
Aerators 0.5 gpm	2	\$ 10.89	\$ 21.78
Diverter and Flapper	2	\$ 24.72	\$ 49.43
Showerhead 1.5 No Aerator	2	\$ 54.09	\$ 108.18
Aerators 1.0 gpm	1	\$ 10.89	\$ 10.89
CFL 14 Watt	26	\$ 3.00	\$ 78.02
CFL 11 Watt	2	\$ 3.00	\$ 6.00
Programmable Thermostat	1	\$ 164.48	\$ 164.48
Outlet & Switch Gaskets (Kit)	2	\$ 75.02	\$ 150.03
Insulation (Approx. sq.ft.)	25	\$ 4.11	\$ 102.80
Attic hatch Insul. & WS	1	\$ 36.45	\$ 36.45
Coil & Gasket Cleaning - Refr.	1	\$ 20.56	\$ 20.56
<b>Total</b>		<b>\$</b>	<b>\$ 673.62</b>

**Payment Terms**

Homeowner agrees to pay Contractor upon completion of the specified work .

**Independent Contract Status**

It is agreed that Contractor shall perform the specified work as an independent contract.

**Liability Waiver:**

If contractor is injured in the course of performing the specific work, Homeowner shall be exempt from liability for those injuries to the fullest extent allowed by law.

**Additional Agreements and Amendments**

All agreements between Homeowner and Contractor related to the specified work are incorporated in this contract. Any modification to the contract shall be in writing.

**Money Back Guarantee:**

70% of projected Electric Savings for the first year or your money back.

**Conditions:**

1. Improvements must be performed by Drops&Watts
2. Homeowner must provide copies of the utility bills from the 12 months prior to inspection.

3. Homeowner must provide a copy of the utility bill every month after the improvements for the first year either by fax (1-866-223-1802) or by e-mail (Results@dropsandwatts.com)

4. Non-transferable

By signing below, Homeowner authorizes and requests the Contractor to perform the improvements listed above.

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Homeowner

Date

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## MAJOR COMPONENTS

### AIR CONDITIONER

**AC 1 Location:** Right Side of Home

Year: 2001

The typical life expectancy of an AC system is 14-17 years. Your AC system is at the middle of its life expectancy.

Without regular maintenance an air conditioner loses about 5% of its original efficiency for each year of operation. You can recover most of that lost efficiency through a yearly maintenance. Studies show that with regular tune-ups a unit will maintain up to 95% of its original efficiency. This means that the cost of an annual tune-up is recovered very quickly in savings on your monthly electric bill and reduced repair costs. A properly serviced air conditioner will also do a better job of dehumidifying your home.

*A rebate of up to \$55 is available from GRU for AC maintenance.*

### HEATING SYSTEM

**Heating 1 Location:** Garage

Year: 2001

The typical life expectancy of a Furnace is 14-17 years. Your system is at the middle of its life expectancy.

The furnace should be cleaned and tuned up every two to three years.

#### **FILTERS:**

Clean or Replace Filters every month during summer and winter time. Dirty filters provide a lot of resistance to air movement, cutting system's efficiency.

### AIR DUCTS

Leaky ducts waste energy in two ways. The most obvious one is that cooled air never reaches its destination when it leaks out of supply ducts in attics, crawlspaces and garages. The second is leaks on the return side that suck in hot air, increasing temperatures and reducing the system's efficiency.

No action recommended at this time.

### INSULATION

Insulation: R- Settled

Insulation is old and has settled, and less than six inches in thickness remains. Insulation that has settled does not perform to the R-value that it once did. Consider insulating to R-30. A well-insulated ceiling reduces energy loss and makes your home more comfortable.

*A rebate of \$0.125/square foot is available from GRU for added insulation (minimum R-19 in the attic or R-11 under raised flooring).*

## WINDOWS

Window Type          Double Pane  
No Action recommended at this time

## WATER HEATER

Year                      1980  
Energy Source:          GAS

The typical life expectancy of Water Heaters is 14-17 years. Your unit is at the end of its life expectancy. Budget for replacement within the next two years.

Solar water heating systems can be a good option in North Central Florida. At an installed cost of approximately \$2600 (before rebates and tax credits), a solar water heater is a cost effective solution. You can usually expect a reasonable payback (5 to 10 years) from a well-designed solar water heating system. Before installing a solar water heating system, the site should be carefully evaluated by a professional installer.

*A rebate of up to \$450 is available from GRU for the installation of a Passive Solar Water Heating System.*

## APPLIANCES

Minimum efficiency regulations for new appliances have increased over the years, so even the least-efficient new models typically use much less energy than appliances that are 15 or more years old. In most cases, it's not cost-effective to go out and buy new, energy-efficient products just to save energy. Two exceptions to this rule are old refrigerators and dehumidifiers. If you have old models of either of those units, go out and purchase an Energy Star-labeled model. You will start saving money right away. For other appliances, look for the most efficient products available when you do have to go shopping, and always choose an Energy Star-labeled appliance.

**Refrigerator:**          No action recommended at this time

**Dishwasher:**          No action recommended at this time

**Washer:**                No action recommended at this time

**Dryer:**                    No action recommended at this time

## COMMENTS

Your Water Heater is leaking and needs replacement.

Outdoor water use is not included in the calculations.