

HOME PERFORMANCE ASSESSMENT

PREPARED FOR:

MR. AND MRS. CURRENT ENERGY



123 EASY STREET • DALLAS, TX • 75230

PREPARED BY:



**5440 harvest hill
dallas, texas 75230
214.442.0400
currentenergy.com**

Dear Mr. and Mrs. Current Energy,

Thank you for choosing Current Energy as your home energy audit company. This home performance assessment report will provide you detailed information about your home in the following areas:

Air Infiltration	Door Locations and Sizes	Window Locations and Sizes
Insulation Levels	HVAC Systems	Thermostat Functionality
Lighting Locations and Types	Water Heating Capabilities	Fixtures and Toilets

Also included in the report is a detailed explanation of recommended solutions you can implement to reduce both your energy bills and environmental impact.

We appreciate your business and look forward to assisting you in creating a more energy efficient home. If you have any questions at all, please don't hesitate to contact us.

Sincerely,

Marc Nichols
Inspector

INSPECTION DATE: June 13th 2007 Outside Air Temperature: 87 degrees F
From: 9:00am To: 1:00pm

BUILDING INFORMATION

ADDRESS: 123 EAST STREET • DALLAS, TX • 75230
HEATED FLOOR AREA: 4067 Square Feet
YEAR BUILT: 1961
NUMBER OF STORIES: 2
FOUNDATION TYPE: Pier and Beam
ROOF TYPE: Composition Shingles

UTILITY PROVIDER INFORMATION

ELECTRIC	
COMPANY NAME:	Direct Energy
ACTUAL LOADED COST OF KWH's: (TOTAL BILL DIVIDED BY KWH's)	\$ 0.143

GAS	
COMPANY NAME:	Atmos
ACTUAL LOADED COST OF CCF:	\$ 7.34

Current Energy honors price quotes for 60 days. Calculations may be positively or negatively affected by the construction methodology and materials of your home, climate fluctuations, and changes in your lifestyle. Please visit our website at www.currentenergy.com for further details about potential energy savings.

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SUMMARY - MEETS OR EXCEEDS STANDARDS

The following are findings in your home that meet or exceed existing state or industry minimum standards (or recommendations) for energy efficiency.

Your downstairs windows are energy efficient.

The windows have wood frames which transfer a minimal amount of heat. They also benefit from excellent shading.

The performance of your toilet(s) comply with building industry guidelines.

The four 1.6 GPF toilets meet existing water efficiency standards.

The downstairs HVAC system is 13 SEER

13 SEER is currently the EPA's minimum energy efficiency standard.

The main home thermostats are programmable

The programmable thermostats in your home meet existing energy efficiency standards.

You have a tankless hot water heater for the second floor

Tankless hot water heaters save considerable amounts of energy over the conventional storage tank water heater.

SAMPLE

SUMMARY - OPPORTUNITIES FOR IMPROVEMENT

You should consider switching your energy provider.

Current Energy works with energy providers that offer a better value than your current provider. This is the easiest way to be more efficient.

There is air leakage throughout the house.

Current Energy recommends air-sealing the home.

Seal ducting, duct connections and plenums at your furnace assemblies.

Current Energy recommends sealing of the duct system in your home.

There is no radiant barrier in your home.

Current Energy recommends installing a radiant barrier. Radiant barrier reflects the sun's radiant heat from your roof and as a result, the air that moves in your attic is cooler.

Upgrading the efficiency of the air conditioning system(s) carries the greatest impact on your energy bills and the environment.

Current Energy recommends upgrading the air conditioning equipment to the most energy efficient equipment available.

The first floor air conditioning system is operating at 68% effectiveness.

Current Energy recommends cleaning of coils and addressing duct problems.

The second floor air conditioning system is operating at 35% effectiveness.

Current Energy recommends cleaning of coils and addressing duct problems.

The garage apartment air conditioning system is operating at 75% effectiveness.

Current Energy recommends cleaning of coils and addressing duct problems.

Some light bulbs are incandescent bulbs which are very inefficient in terms of light production.

Current Energy recommends changing all light bulbs to fluorescent technology.

The garage apartment thermostat is not programmable.

Current Energy recommends installation of one programmable thermostat to reduce power usage when the home is unoccupied.

Conventional water heater is inefficient.

Current Energy recommends installing a higher efficiency hot water heating system.

The shower fixture in the home is inefficient.

Current Energy recommends replacing your inefficient shower fixture with a water efficient fixture.

The insulation in your home is insufficient and your attic walls need repair.

Current Energy recommends that you have additional insulation blown to a value of R-38. The insulation on your attic walls needs to be an R-13 with an airseal on the attic side.

SWITCH YOUR ENERGY PROVIDER



CHAMPION
ENERGY SERVICES



Green
Mountain
Energysm

Current Energy makes changing energy providers simple and free.

We can help you find the right energy provider and save you money. Since the introduction of deregulated electricity, several new providers have stepped into the market. The array of providers, increased competition, and the power of choice gives you better options when selecting an electric company. There is no interruption in your electricity service when you make the change and no risk of losing power when you do so.

AVAILABLE ENERGY RATES

Provider	Product	Plan Type	Rate
Green Mountain Energy	Environmentally friendly power	1 year fixed rate plan	\$ 0.1380 / KWh
Champion Energy Services	Low cost provider	1 year fixed rate plan	\$ 0.1320 / KWh
Champion Energy Services	Low cost provider	1 year fixed rate plan with monthly charge	\$ 0.1230 / KWh + \$ 4.95 / month
Champion Energy Services	Low cost provider	1 year fixed rate plan with monthly charge	\$ 0.1130 / KWh + \$ 9.95 / month



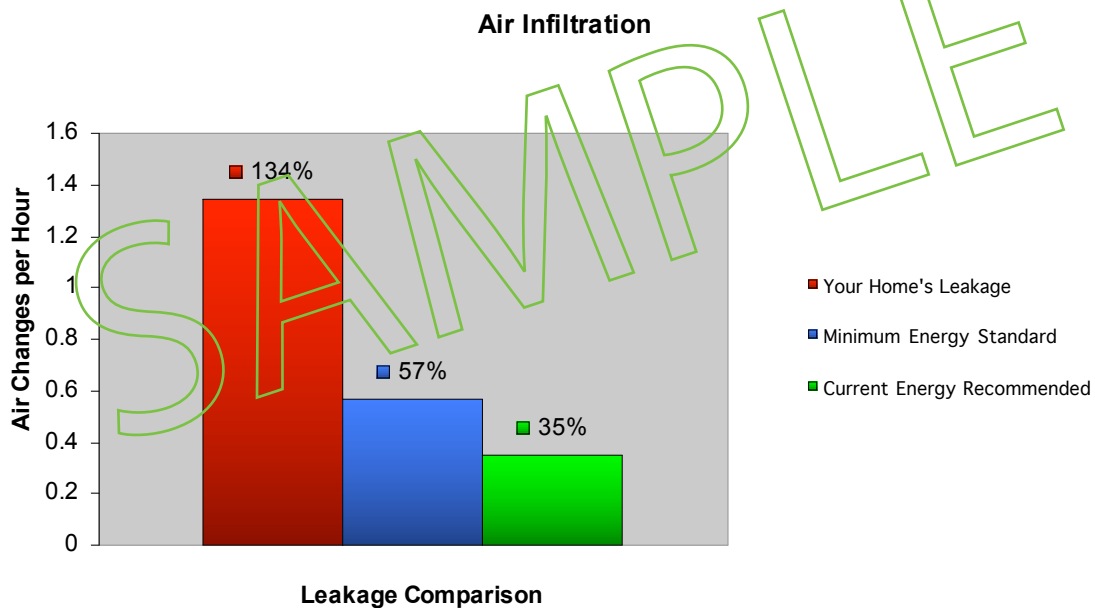
The Power Cost Monitor is an electricity meter monitor that helps you monitor your kWh power consumption. Using information from the Power Cost Monitor, you can start to manage your kWh usage to save money. Use the product to educate your family about the cost so they too can save energy. Studies have shown that you can save 10% of your power bill simply by monitoring an understanding use. **\$185.00**

AIR INFILTRATION

Airflow (air exchange) through a building can have a powerful impact on comfort, expense, and air quality. Blower doors provide a way to quantify airflow and the resulting heat or cooling loss, along with a way to pinpoint leaks. Their use in retrofit work allows both instantaneous feedback and quantitative inspections. Air infiltration rates for homes vary with the amount of weatherization, construction materials, workmanship, temperature, wind, and activities of the occupants.

134.34% of the air in your home naturally changes out every hour.

Based on our test of your home's air tightness we have found that your home leaks too much. We highly recommend weatherizing your home. Having a home that is too leaky adds significantly to the overall heating and cooling load. Lowering the amount your home leaks can save you money on heating and cooling bills.



AIR INFILTRATION

Doors

Air can leak through doors if they don't have the proper air infiltration measures in place. The following table examines existing air infiltration measures for your exterior doors. Additional measures may be appropriate to obtain maximum reduction of air infiltration.

Location	Orientation	Width/In	Height/In	Qty	Install Door Sweep	Weather Strip	Caulk	Adjust Striker Plate	Adjust Threshold
Front Door	South	42	96	1	No	No	No	No	No
Living to Patio	North	36	96	4	No	No	No	No	No
Kitchen	West	32	68	1	No	No	No	No	No
Master	North	36	96	1	No	No	No	No	No

Windows

Windows are an easy escape for air to pass from the inside to the outside of the home. The following table examines existing air infiltration measures for your home's windows. Additional measures may be appropriate to obtain the maximum reduction of air infiltration.

Floor	Room	Wide	Tall	Quantity	Footage	Material	Panes	Sealing?	Window Film?
2nd	Gar Apt	71	23	2	22.7	Metal	2	No	No
2nd	Gar Apt	71	23	1	11.3	Metal	2	No	No
2nd	Gar Apt	35	60	4	58.3	Metal	1	Yes	No
2nd	Gar Apt	24	24	1	4.0	Metal	2	No	No
2nd	Gar Apt	24	36	1	6.0	Metal	1	Yes	No
1st	Gar Apt	24	72	1	12.0	Metal	1	Yes	No
1st	Gar Apt	36	36	1	9.0	Metal	1	Yes	No
1st	Gar Apt	36	36	1	9.0	Metal	1	Yes	No
1st	Gar Apt	24	24	1	4.0	Metal	1	Yes	No
2nd	Green Bedroom	96	47	1	31.3	Metal	1	No	No
2nd	Green Bedroom	36	36	1	9.0	Metal	1	No	No
2nd	Green Bedroom	24	34	1	5.7	Metal	1	No	No
2nd	Blue Bedroom	96	47	1	31.3	Metal	1	No	No
2nd	Blue Bedroom	36	36	1	9.0	Metal	1	No	No
2nd	Yellow Bedroom	96	47	1	31.3	Metal	1	No	No
2nd	Yellow Bedroom	36	36	1	9.0	Metal	1	No	No
2nd	Yellow Bedroom	24	34	1	5.7	Metal	1	No	No
1st	Home Office	34	57	3	40.4	Wood	2	No	No
1st	Dining	33	69	3	47.4	Wood	2	No	No
1st	Kitchen	33	35	4	32.1	Wood	2	No	No
1st	Den	32	60	1	13.3	Wood	2	No	No
1st	Den	32	60	1	13.3	Wood	2	No	No
Total window count				33	322.9	Total square Footage of all windows			



If you would like more information about our home energy assessment, please contact us:

Email us at

info@currentenergy.com

Call us at

214.442.0400

Visit our retail store located at

3103 Knox Street ••• Dallas, TX 75205