



**GREENandSAVE.com**

***GREENing***  
***YOUR OWN HOME***



## STATE of the UNION

### **We are at an exciting new crossroads.**

- Americans use 25% of the world's energy with only 5% of the population.
- Homes and offices account for 40% of the national energy consumption.
- We spend over \$300 Billion each year on home remodeling.
- New technologies and tax credits make energy savings more efficient and affordable.
- By making smart energy and 'green' choices, people save money & the environment.
- Property Owners are asking for help to make the right choices to save money.

*So, the key is to help guide people with the right 'efficiency' decisions.*

***Charlie Szoradi is the President of GREENandSAVE.com  
He is one of the leading green design experts in America.***

**Green Architect**

UVA + PENN Masters with groundbreaking thesis on Eco Humanism in 1993.

**LEED – Accredited Professional**

Leadership in Energy and Environmental Design - Accredited Professional

**BPI – Energy Auditor**

Building Performance Institute - Certified Energy Auditor

**Sustainable Business Network – Board Member**

**Green Economy Task Force – Capitol Hill Delegation**

**B Corporation and Efficiency First – Founding Member**

**Eco Academy – Chief Instructor**

**National Association of Realtors – National Strategic Partner**

**Google News – National ‘Green’ News Partner**

**Mr. Szoradi Currently resides in Wayne, PA with his family in one of the most energy efficient homes in America, which he transformed from a 1950s residence.**



[Advanced news search](#)  
[Preferences](#)

# Think Global. Act Local

*Living by example: GREENandSAVE started with the Retrofit of a home that has become one of America's most energy efficient residences. It includes hundreds of eco-products many of which were 'under-marketed' to the mainstream.*

## 3 Part Goal:

- **Save Money**
- **Save The Planet**
- **Appeal to America with a main stream style that fits in to the traditional neighborhood**

**Plus...**

- **Build Equity**

## The 'Before': Existing Residence - January 2006



## The 'After': Renovated Residence – January 2008



**Sample: July 2009 utility bill: \$12**

## Existing Residence: Front – Mid-Winter 2005



## The 'After': Renovated Residence – January 2008 (The Front)





# First Floor Plan

south



north

side garden

patio

eat-in  
kitchen

family rm

side  
entrance  
+ mud rm

hall

guest bathroom

den

master  
bedroom

living

dining

home office  
or bed rm #5

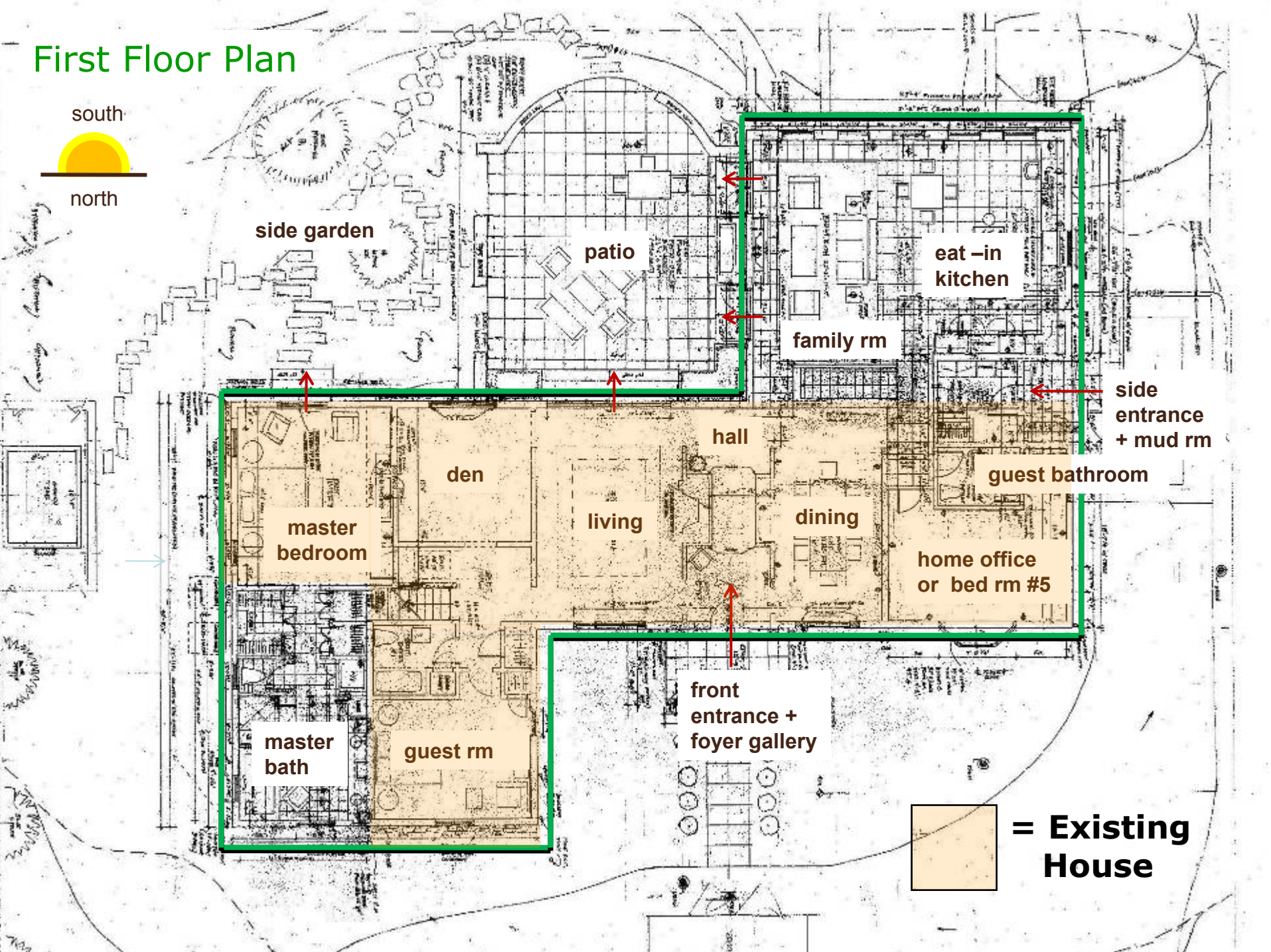
master  
bath

guest rm

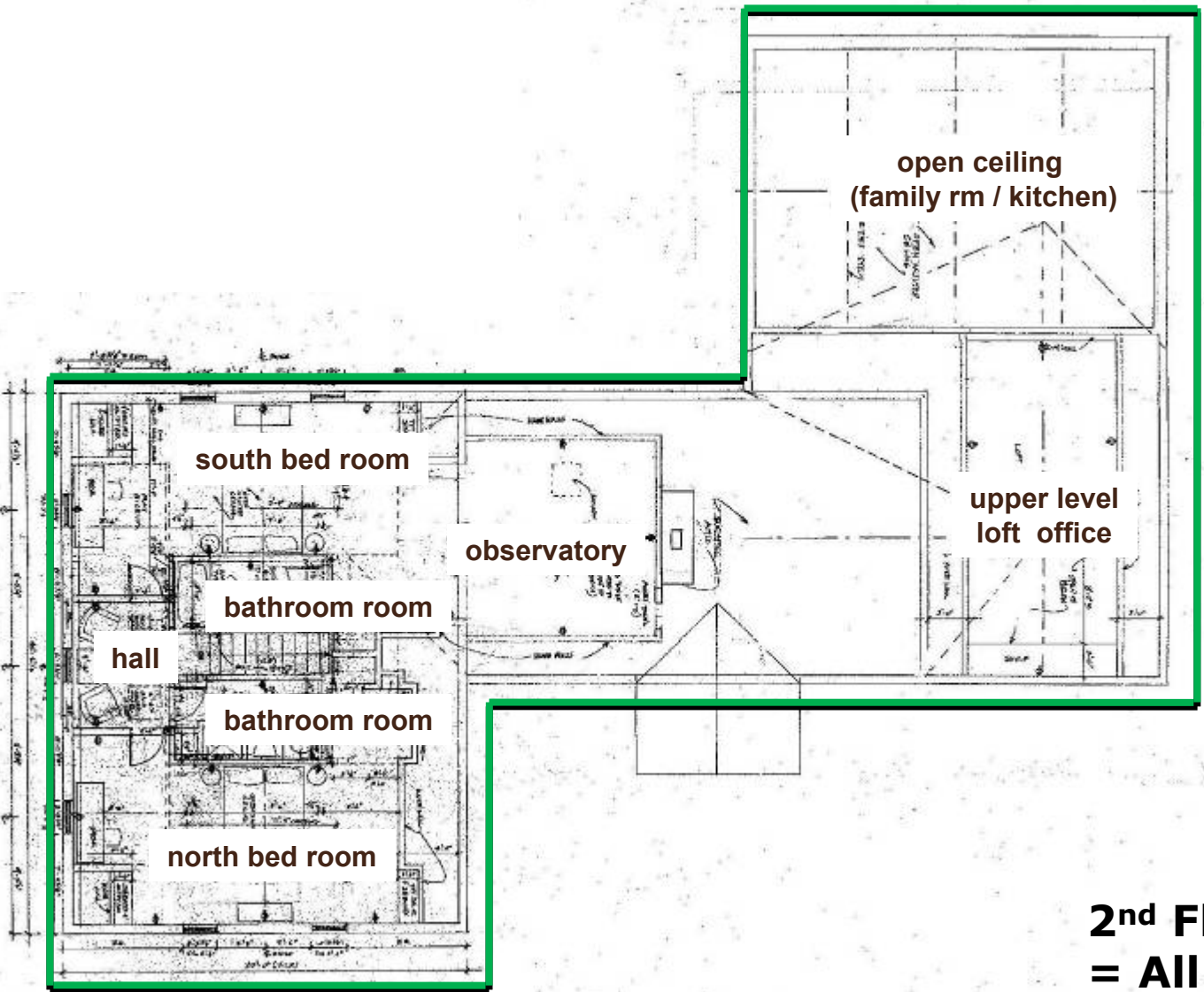
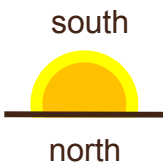
front  
entrance +  
foyer gallery



= Existing  
House



# Second Floor Plan



**2<sup>nd</sup> Floor  
= All New**

## Side Garden & Patio:

French doors open into the Kitchen/Family room and the sliders open into the Living room.

(Pavers salvaged from old patio + local river rock and under-gravel from demolition salvage of Center City properties)



Finished Kitchen  
/ Family Room  
looking west



Finished Kitchen / Family Room looking west



## Finished Kitchen / Family Room looking east



# Second Floor Bed Room & Bathroom Ceiling with Sun Tube



Side: East side bedroom dormers with 'Sun Tube' caps +  
One of two companion custom outbuildings





Hall Bathroom: Wallpaper, 'Dual-flush' eco-toilet and Translucent panel door:



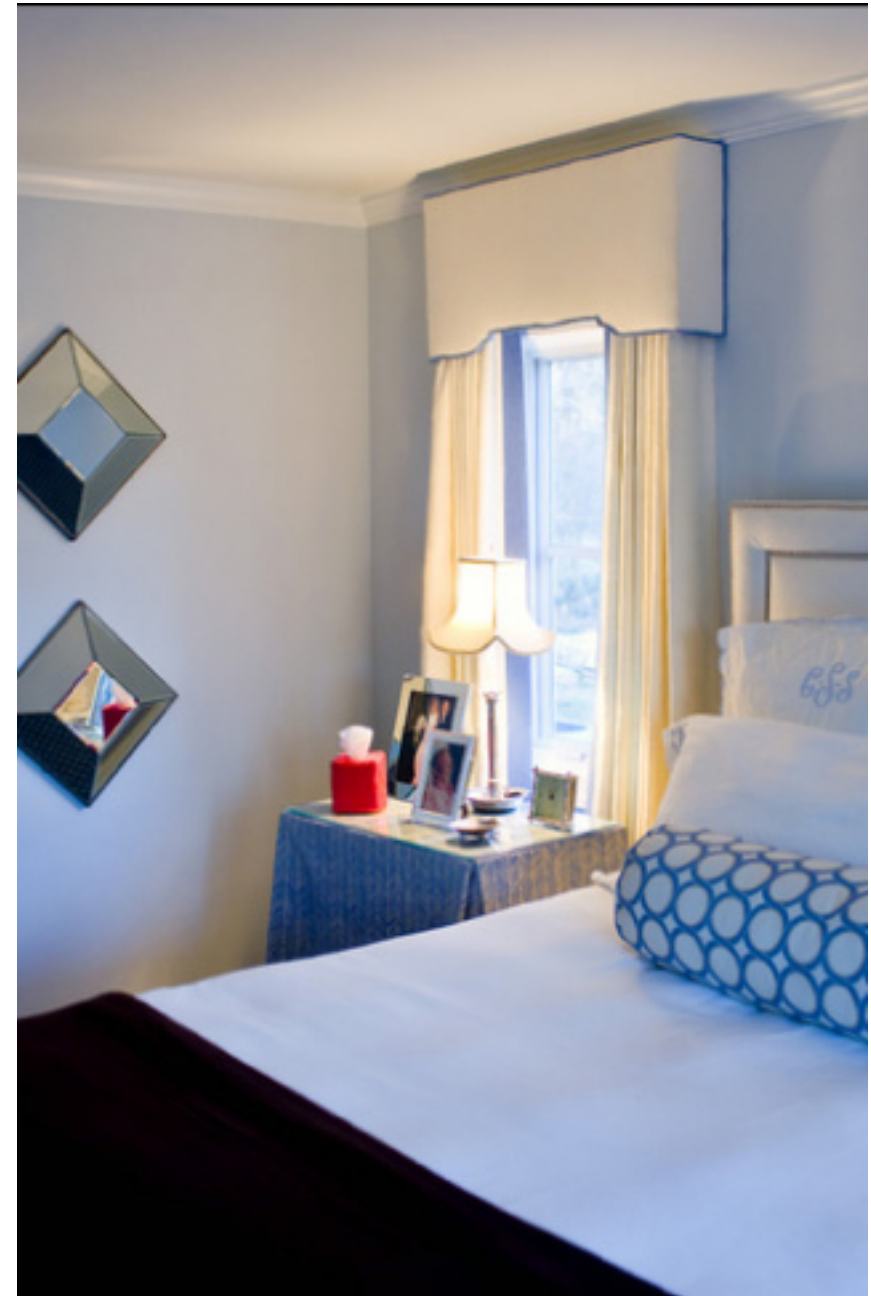
## Master Bath Steam Shower: Marble with Radiant Heated floor, rain head, etc.



## Insulated Double Cellular Blinds



## Master Bedroom with Insulated Curtains



## Home Office:



Upper level loft office w/  
custom ships ladder made  
from recycled aluminum cans

Back: South Façade w/ one of two 'out buildings'



## SS1 4.0: Solar PV and Thermal Tank System



**Two of the most frequently asked questions:**

**1: What is the real payback advantage to a 'greener' home and office?**

**2: Can you help me reduce my utility bills & building operating costs?**



## Question: 1



**What is the real payback advantage to a 'greener' home and office?**

*See: The next few slides include 5 sample tactics out of over 200 saving solutions.*

Did you know...

**A \$40 'high efficiency' shower head can save you more money than \$4,000 of Solar Panels or \$4,000 of new windows!**



Did you know...

**A properly set Programmable Thermostat can save you over \$180 a year on utility bills. The cost is only between \$40 and \$115 and that generates a Return on Investment of at least 156%!**



**Over 70% of the programmable thermostats in homes are currently not programmed!**

Did you know...

**Sun Tubes are a great way to bring ‘free’ natural light into your home in addition to or as an alternative to skylights!**

**For a few hundred dollars, the payback comes in just a few years... see for yourself and start to re-think your options.**



Did you know...

**When you buy window cleaner and most other cleaners the bottle is more than 99% water and you are really paying for the deisel fuel to ship the bottles !**





Eco Counter, Grease, and Window Cleaner:

***Get concentrated.***

***This \$6 bottle makes over 30 gallons of cleaning fluid. Equivalent to over \$300 of product.***

Did you know...

**Compact Fluorescent Light (CFL) bulbs last 10 times longer than regular incandescent bulbs, but the new generation of LED bulbs last 100 times longer!**



**CFL: Lasts 10 X**  
longer than incandescent



**LED: Lasts 100 X**  
longer than incandescent



**SAVE 80% on  
Lighting Costs**



**We can retrofit  
ANY interior or  
exterior  
fixture.**







**SAVE 80% on  
Lighting Costs**









**Only pay for Results.**



**SAVE 80% on  
Lighting Costs**



-  **Hospitals: 50%**
-  **Retail: 37%**
-  **Offices: 30%**
-  **Education: 22%**
-  **Hospitality: 20%**
-  **Industrial: 17%**

**How much of  
your Electricity  
do you spend  
on Lighting ?**

## Question: 2



**Can you help me reduce my utility bills & home operating costs?**

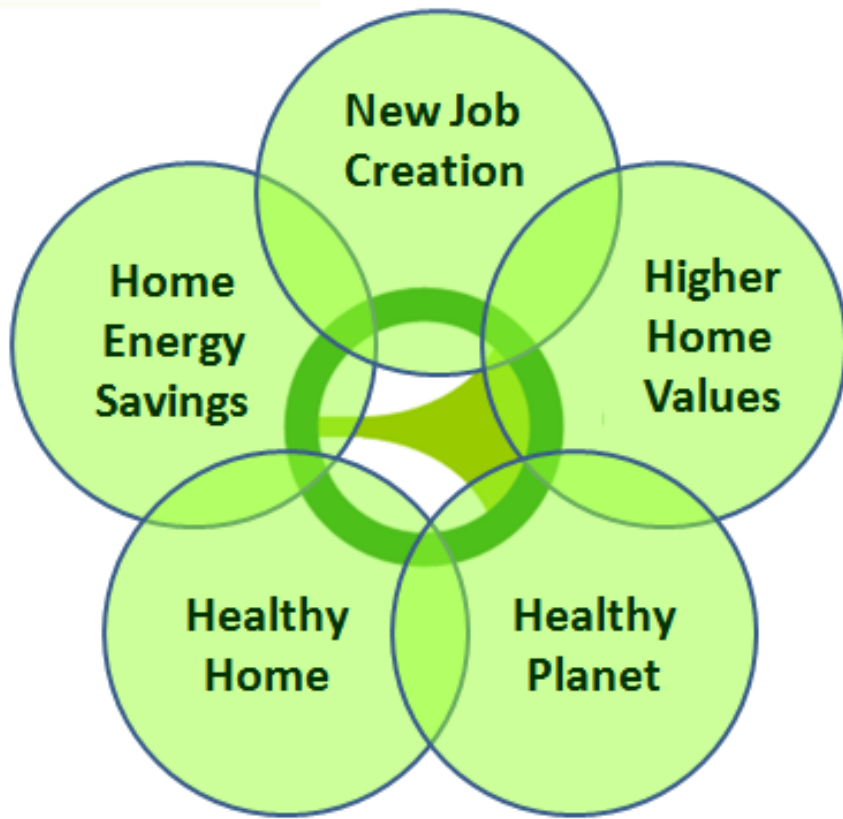
*See: The advantages of a Energy Audit 360°*



**GREENandSAVE**

# **E C O A C A D E M Y**

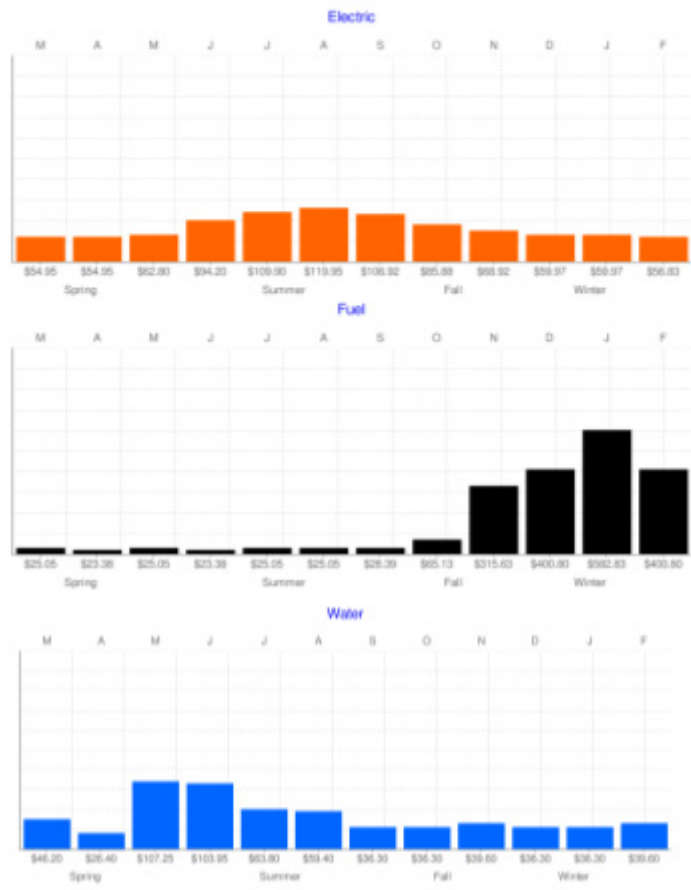
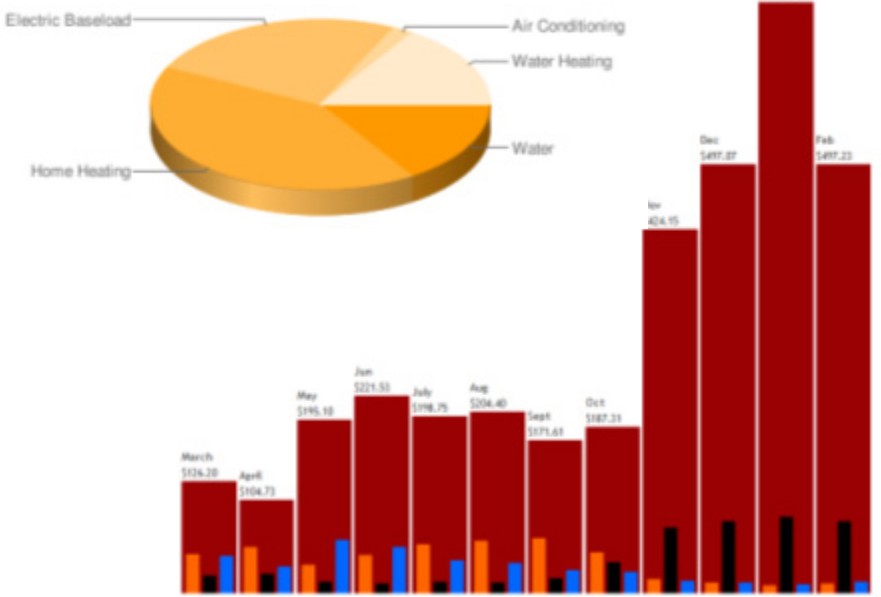
E C O A C A D E M Y




***Seeing is believing!***

The online reporting tool automatically generates graphic support files. As a consultant, you can then spot savings opportunities.

Breakdown of Utility Expenditures



baseload est: 984.39  
 homeheating: 1645.54  
 water: 631.4  
 ac: 77.9508  
 hotwater: 295  
 baseload: 984.39



See how you compare and learn how to save over \$500 on your home operating costs.

[Click here to get your report. Only \\$14.95!\\*](#)

Start Saving Money and the Planet Today!

## Why Now?

You are most likely paying more than you need to operate your home, and with utility deregulation looming, these costs are predicted to increase by double digits.

## Did You Know:

Improving your home's energy efficiency will not only **save you money and energy** but also **increase your home's value**. Every dollar saved in annual energy bills translates into a \$20 increase in property value - Journal of Appraisers.

## What You Get:



Home  
Efficiency  
Dashboard



Home  
Efficiency  
Report



Return on  
Investment  
Guide



Federal Tax  
Incentive  
Decoder

## Testimonials:



This report is filled with wonderful information. We were able to reduce our utility costs by 20% as a result.

Kathleen R. - Philadelphia, PA



This information empowered me to make a positive change. I am now taking steps to save money, energy and the environment.

Jerry T. - San Diego, CA

## Free Bonus Offer:

Purchase your Home Efficiency Dashboard + Report today and receive TWO free bonus items:

1. **\$100 Discount Coupon** good towards a Home Efficiency Checkup, which is an energy audit that guarantees to save you a minimum of \$500 a year while making your home healthier and more energy efficient.
2. Our **Eco Family Guide**, a twelve page resource that includes "green" tips for both parents and children.

[Click here to get your report. Only \\$14.95!\\*](#)

## How It Works:

Our team of energy experts have created the home efficiency dashboards based on industry standard formulas like the Home Heating Index, Base Load Electric, and Base Water Usage. We also let you see how you compare to other homes across the country. The 'Home Dashboard' helps you save money and the environment. The complete Home Dashboard costs only \$14.95, plus \$1.95 for each following month to allow you to monitor and update your dashboard - you may cancel at any time.

\*You will be charge \$14.95 for the first month, plus \$1.95 for each following month to allow you to monitor and update your dashboard - you may cancel at any time.



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## Start by getting the FREE information online

This site includes over 40,000 pages of content plus over 10,000 Eco-Products.

Plus...get the FREE Tax Credit De-Coder



Reducing utility costs...  
Producing power..  
Financing options...  
Buying your first home...  
Buying a new car..  
Resources for state incentives...

Our team of experts read and de-coded the 400 page American Recovery and Reinvestment Act so that you wouldn't have to. We made it simple for you to easily take advantage of these government incentives.

**Free Federal Tax Incentive De-Coder**

# Nationally Recognized:

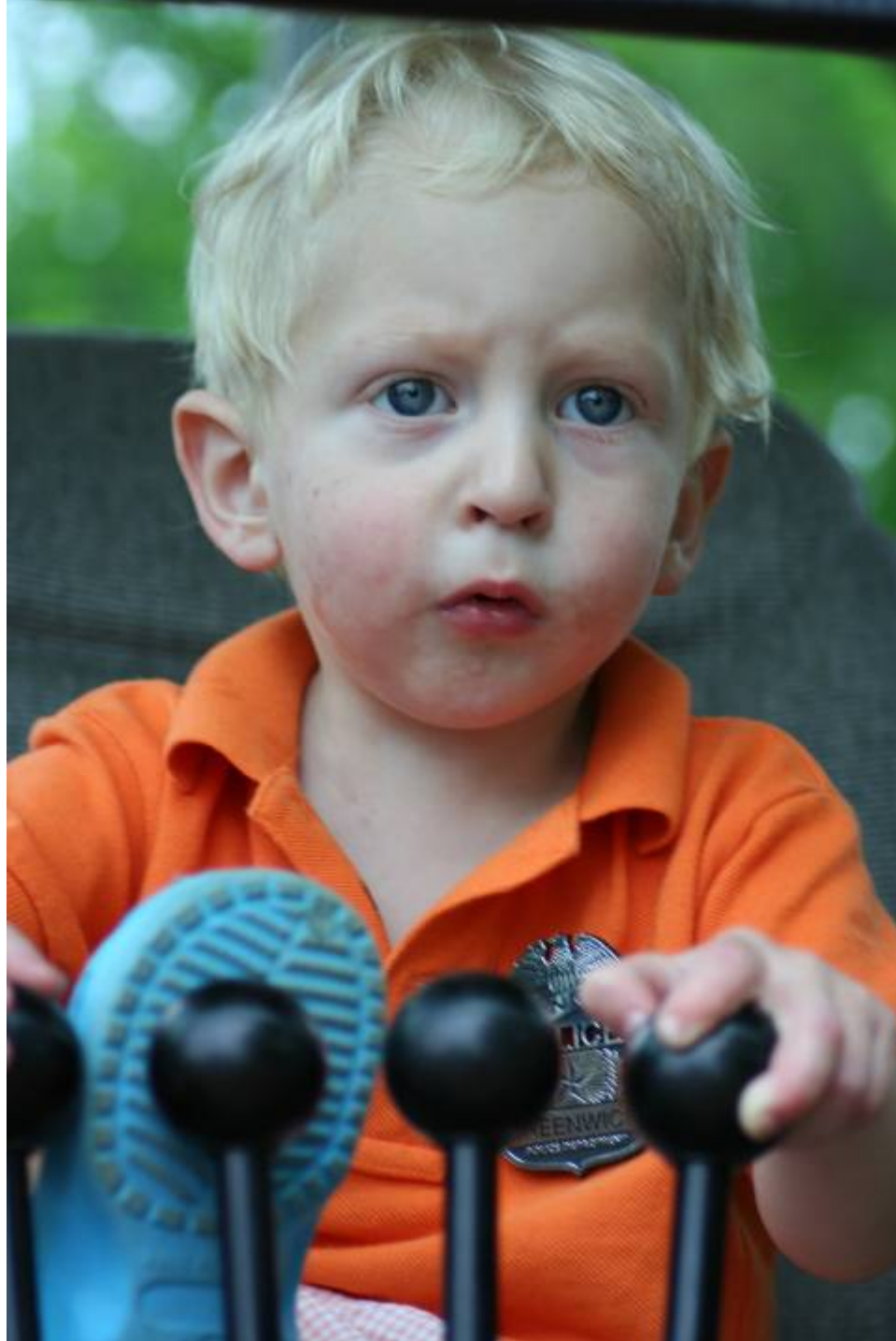
“This awesome resource from GreenAndSave.com shows you the payback time, cost, annual savings, and return on investment...”



The screenshot shows the GreenAndSave.com website interface. At the top, there's a navigation bar with categories like Green News, Home Remodeling, Office Remodeling, Energy Saving Services, Green Job Training, and Media. Below this is a welcome message and a search bar. The main content area is divided into several sections:

- Green News, Tips, and Services for Saving Energy, Money, and the Planet:** A section with a globe image.
- ENERGY SAVING SERVICES:** A section with a lightning bolt icon, highlighting Residential and Commercial Energy Audits, Efficiency Programs, and On Site System Retrofits.
- Pick Your Path:** A sidebar menu with categories like GreenNEWS, HomeRemodeling, OfficeRemodeling, EnergySaving Services, GreenJob Training, and CommunityInvolvement.
- Today's News Highlights:** A section with several news items, including "Cash For Clunkers Over; Next Up for 2009: \$300 Million To Ditch Your Clunker Appliances" and "LED Lighting: FREE Lighting Energy Audits Zero Down Commercial Retrofits".
- LED Lighting:** A featured section with a "Certified" logo and "EfficiencyFirst FOUNDED MEMBER" badge.

At the bottom, there are logos for Green Building Council (GBCI), GreenSource, and a date stamp: "Sept. 23 - 24, 2009".



How will  
they Build, Buy,  
and Invest?

**The Eco-Mind...**  
Engaged and  
Committed to  
Next-Generation  
Eco Products and  
Services that Save  
Money and the Planet.