



ORGANIZATIONAL OVERVIEW

GEO WEATHERIZATION WEBINAR

NOVEMBER 18, 2010

About Us



- ▣ Non-profit 501c3 organization – April 2008
- ▣ Energy Efficiency/Renewable Energy Services
 - Education/Outreach
 - Project Management
 - Financing
- ▣ Market Focus
 - Residential
 - Non-profit Commercial

Why Energy Efficiency?

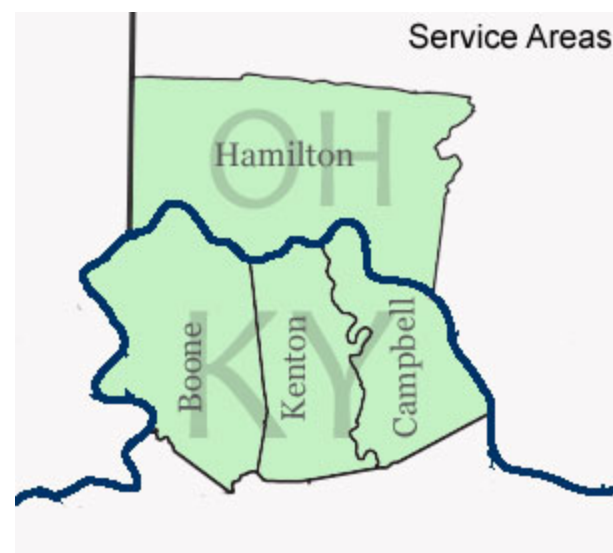


- ▣ The "First Fuel"
- ▣ Job Creation
- ▣ Cost Savings
- ▣ Self-financing
- ▣ Reduce dependence on foreign oil
- ▣ Fix, create, and scale a new market
- ▣ Private market leverage
- ▣ Greenhouse gas emission reduction
- ▣ Improved air quality

Public/Private Partnership



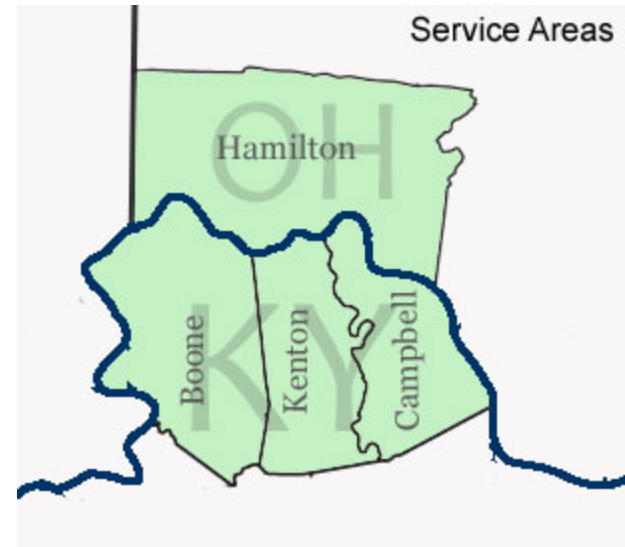
- Greater Cincinnati Foundation
- Energy Efficiency and Conservation Block Grant (EECBG)
 - Hamilton County, OH
 - City of Cincinnati, OH
 - Kenton County, KY
 - Boone County, KY
 - Campbell County, KY
 - City of Covington, KY
 - City of Florence, KY



Regional Collaboration



- ▣ 7 Local Governments
- ▣ 2 Governors
- ▣ 2 State Energy Offices
- ▣ 2 Community Colleges
- ▣ 2 Public Universities
- ▣ 3 HWAP Providers
- ▣ 2 One-stop/WIBs
- ▣ Labor & Merit Shops
- ▣ Duke Energy



Program Design



- ▣ Education/outreach
 - Neighborhood canvasses
 - Community meetings
- ▣ Project Management
 - Subsidize energy audits/assessments
 - Provide skilled and certified contractors
 - Quality Assurance
- ▣ Financing
 - Leverage utility rebate and state/federal incentives
 - Below-market rate loans
 - Proprietary rebates

How do I sign up?



1. Sign up for \$50 home energy audit at greatercea.org/audit
2. GCEA contractor calls to schedule the audit
3. Contractor generates a list of cost-effective, efficiency opportunities for your home
4. You decide which upgrades to complete
5. The contractor completes the work
6. Your home immediately saves money and energy

The Home Energy Audit

Room By Room



Attic

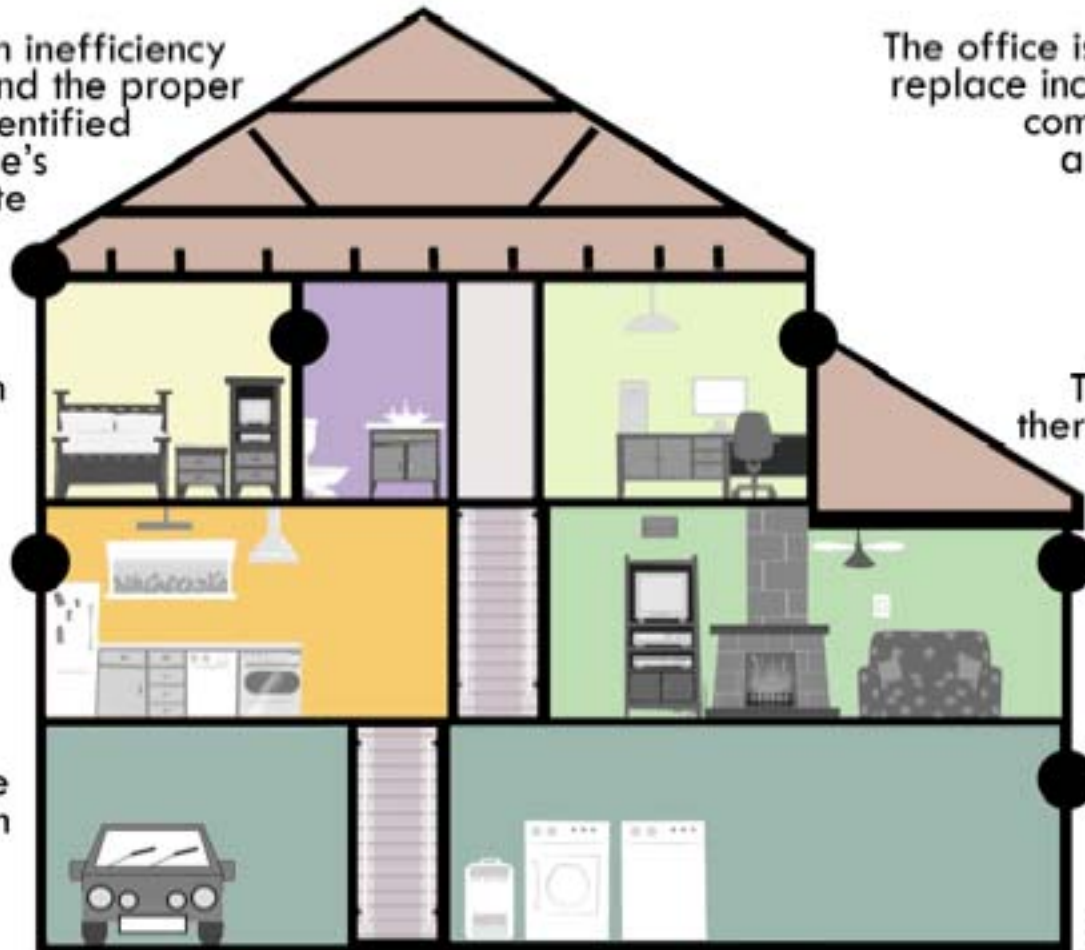
Areas of insulation inefficiency will be located, and the proper R-value will be identified based on the home's surrounding climate and square footage

Bathroom

Any air infiltration through pipe penetrations and windows will be addressed with caulking or insulation

Kitchen

The auditor will test the gas range for proper carbon monoxide levels and recommend appliance replacement for energy efficient results



Office

The office is an ideal location to replace incandescent bulbs with compact fluorescents for a low-cost, high-return investment

Living Room

The audit will identify thermal barrier locations and leaks between conditioned and unconditioned spaces to be insulated

Basement

All combustion appliances will be tested for safety and efficiency. Prime areas of air infiltration from pipe penetrations will be located and addressed

The Home Energy Audit

A Case Study



YOU
Homeowner

+

GCEA

=

**Example
of Savings**

- Frustrated with high utility bills
- Want to make your home more energy efficient
- Lack of knowledge, funds, and time to get started

- Provides a reduced-cost home energy audit by a GCEA certified contractor
- The audit lays out a "road map" for cost-effective home energy upgrades
- Helps finance the upgrades through incentives

Total Project Cost	\$5,928.00
- GCEA Incentive	\$1,778.00
- Duke Energy HVAC Incentive	\$200.00
- Potential Federal Tax Incentive	\$535.00
Customer Cost	\$3,415.00
Customer Payback	4 years

Non-profit Program Overview



- ❑ Partnership with Fine Arts Fund and Ohio Interfaith Power & Light
- ❑ 34 NPOs enrolled
- ❑ Summer Educational Workshops
- ❑ Volunteer-driven building assessments
- ❑ Financing Assistance for retrofit
- ❑ Partner for residential outreach

Retrofit Ramp-up Grant Overview



- ▣ \$450 million nationwide competitive grant
- ▣ GCEA awarded \$17m on April 21, 2010
- ▣ Key program elements
 - Scalable financial solutions
 - Robust marketing
 - Workforce development
 - Multi-sector approach
 - Long-term Sustainability
- ▣ Funds appropriated in 3 years

Contact Information



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