

Weatherize Nelsonville

hapcap
HOCKING-ATHENS-FERRY
COMMUNITY ACTION

Columbia Gas of Ohio
A NiSource Company

AEP OHIO

COAD
CORPORATION FOR OHIO APPALACHIAN DEVELOPMENT

(COAD) Corporation for Ohio Appalachian Development
Nicole Peoples, Utility Programs Manager

Corporation for Ohio Appalachian development

- Since 1971, the Corporation for Ohio Appalachian Development (COAD), a private, non-profit, has worked to improve the quality of life for all residents of rural, Appalachian Ohio.
- COAD has weatherized 100,000 homes since 1975

Appalachia Ohio Regions

- East Central
- South East
- Southern

COAD
CORPORATION FOR OHIO APPALACHIAN DEVELOPMENT

Weatherize Murray City, OH



Demographics of Murray City

- 452 people, 190 households, and 132 families
- Median income \$27,969
- Approximately 20% of residents live below the poverty level
- 1 out of 4 children live in poverty

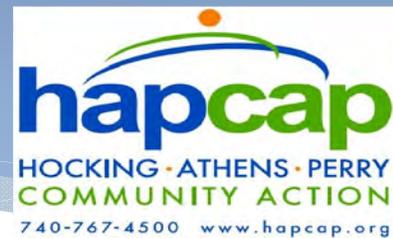


COMMUNITY ACTION HAP CAP

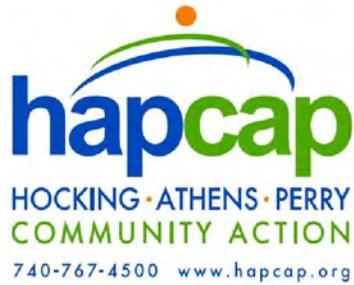


Hocking Athens Perry Community Action

- ✓ Community Leaders,
- ✓ Stakeholders
- ✓ Businesses
- ✓ Churches
- ✓ Door to Door
- ✓ Events



Community Action HAP CAP



Community Wide Energy Efficiency

- * Benefits
 - ✓ Improved Housing Stock
 - ✓ Reduced Consumption/Energy bills
 - ✓ Additional work to local contractors
 - ✓ Money into the local economy
 - ✓ Safety issues averted



Community Wide Energy Efficiency

- * Project Leveraging
- * Improved Quality of life
- * Sustainable Energy Efficiency



Georgetown Energy Prize



UpGrade Athens County connects people with local resources to reduce energy use and to access renewable energy solutions, paving the way for a just, sustainable, job-creating energy transition in Southeast Ohio.

A Model For Regional Energy Collaboration

- * Energy efficiency, renewable energy, and jobs in Appalachia Ohio



Community Wide Energy Efficiency

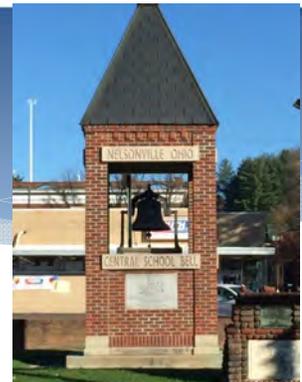
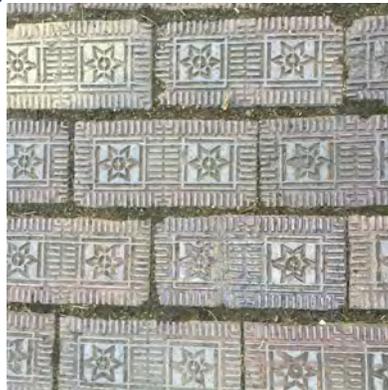
Weatherize Nelsonville



Demographics

❖ Nelsonville blossomed into a classic Appalachian town by the mid 19th century, relying on the extractive industries of coal, clay and salt.

- * 5000 residents
- * 2000 households (53% renters)
- * 10 x larger than Murray City, Ohio
- * Median Income \$24307
(compared to Statewide \$48081)



Partner Collaboration

- * Columbia Gas of Ohio
- * American Electric Power of Ohio
- * Nelsonville Community
- * Hocking Athens Perry Community Action
- * Clearesults
- * Ohio Development Services Agency (HWAP)
- * Upgrade Athens County
- * Ohio Interfaith Power and Light



Community Engagement

- * Nelsonville Landlords
- * Community Stakeholders Meeting

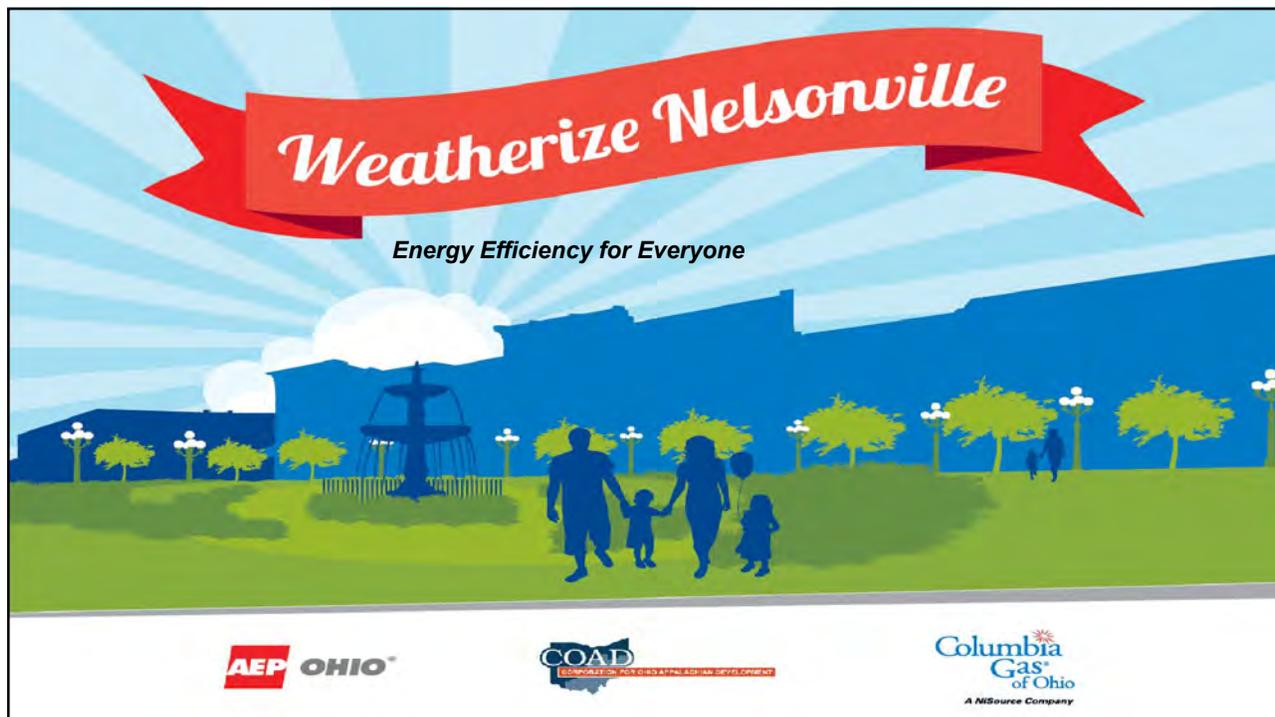


Parade of the Hills



Energy Action Month Open House Demonstration





Columbia Gas of Ohio WarmChoice®

Program Measures

- Insulation
 - Attic and Sidewalls
 - Floors and Ducts in unconditioned spaces
- Strategic Air Leakage Sealing
- Natural Gas Heating Systems/Natural Gas Water Heaters
 - Repair/replacement of unsafe heating systems, including venting
 - Repair/replacement of unsafe natural gas water heater, including venting
 - High efficiency equipment installed



American Electric Power Community Assistance Program

AEP Ohio funds this program to supplement state and federal income-qualified weatherization programs

Program Design

Eligible clients gross income at or below 200% of poverty (Family of 4=\$47,700)

Program Measures

Eligible clients may receive

- A home energy assessment
- Compact Florescent Lights (CFL's to LED's)
- Refrigerator/freezer replacement
- Attic and wall insulation (if deemed cost effective)
- Air sealing (if deemed cost effective)
- Other energy-saving improvements



USF Electric Partnership Fund

Designed to improve the electric efficiency of low-income households who participate in or are eligible for PIPP or PIPP Plus

Program Eligibility

- * Be income eligible for PIPP Plus (150% of poverty), Have 12 consecutive months of electric usage at current address, Annual baseload usage of at least 5,000 kWh

EPP is composed of two types of programs:

1. A baseload efficiency program which audits lighting, appliance and all other uses not related to heating; and,
2. A weatherization program for those who heat with electric and who have high usage. This program may include adding insulation, performing heating system inspections, and addressing health and safety measures.



Home Performance Solutions

- * Residential energy efficiency improvement program for higher use, natural gas heating customers
- * Best for customers in older homes with natural gas usage of 1,000 ccf/year or more
- * Provides significant discounts on qualified energy efficiency upgrades... saves customers money for years to come
- * Operated by CLEARResult; with home energy analysis'
- * Energy efficiency upgrades are installed by trained, pre-qualified contractors

Discount eligible energy efficiency improvements

- Attic insulation
- Sidewall insulation
- Sealing of air leakage pathways
- 95% efficient, or greater, natural gas furnace or boiler

Improvements installed during energy analysis

- Programmable thermostat, if needed
- Energy efficient showerhead, if needed



AEP Ohio In-home Energy Program

- * AEP Ohio offers a similar program for their customers
- * All-electric customers eligible for a full home energy audit (\$50)
- * Dual-fuel customers eligible for a home energy assessment (\$25)
- * Both programs include the installation of free energy-saving items

And, Nelsonville customers serviced by both Columbia Gas of Ohio and AEP Ohio will receive all the benefits of the assessment program at no charge!





Rebates for Business Customers

Innovative Energy Solutions "IES" Program

- * All commercial customers are welcome
 - * Corporation, sole-proprietorship, LLC, partnership, government, schools, non-profit, faith-based, manufacturing
- * Available to existing customers
 - * 12 months + gas usage
 - * Including those purchasing gas through a third party
- * Custom rebate program



IES Program

- * Energy Audits
 - * 50% the cost of an ASHRAE Level II or III audit
 - * Capped at \$5,000 per project
- * Energy Conservation Measures "ECMs"
 - * Up to 50% of the installed cost
 - * \$100,000 lifetime cap



Food Cupboard



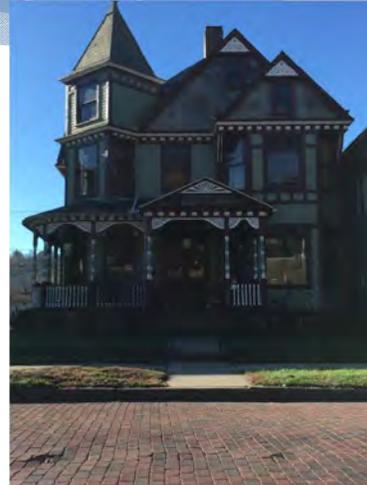
Attic Before/After



Columbia Gas of Ohio



Community Testimonial



Community Sustainability

❖ Larger Scale

- * Incentives, rebates
- * Leveraging
- * Town wide
 - * Lighting
 - * Municipals
 - * Schools
 - * Businesses



Energy Conservation

- * Carbon Footprint
- * Environmental/Climate Change
- * The cheapest energy is energy efficiency



Nelsonville Stats

July 2015-present

- 158 Electric Baseloads
- 114 weatherized homes
- 35 Weatherization Inspections pending work
- 1 Church
- 1 Public building
- 1 Commercial Property



Questions/Contact

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