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
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

Hocking - Athens - Perry Community Action
740-767-4500 www.hapcap.org
Community Action HAP CAP

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

* 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

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
- Cleave results
- 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 CLEAResult; with home energy analysis
- Energy efficiency upgrades are installed by trained, pre-qualified contractors

- Attic insulation
- Sidewall insulation
- Sealing of air leakage pathways
- 90% 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!
IES: 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

Larger Scale
- Incentives, rebates
- Leveraging
- Town wide
  - Lighting
  - Municipals
  - Schools
  - Businesses

Community Sustainability
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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