

# CAC of Pike County Energy Programs



*Weatherization  
Works*

# Home Weatherization Assistance Program (HWAP)

- Program was created in 1976
  - Improve the health & safety of low-income homes
  - Increase energy efficiency of low-income homes
  - Help the country reduce its dependency on foreign oil
- CAC of Pike Co. started HWAP in 1980
  - Weatherized 2,211 homes since 1980
- Funding
  - U.S. Department of Energy
    - Pike Co. PY15 - \$53,556
  - Percentage of Ohio's LIHEAP funding
    - Pike Co. PY15 - \$115,532

**Table 3**  
**Historical HWAP funding**

	<b>Total Funding</b>	<b># Homes Weatherized</b>
<b>2003</b>	\$28,369,727	6,807
<b>2004</b>	\$27,742,752	6,658
<b>2005</b>	\$29,627,500	6,682
<b>2006</b>	\$36,744,248	8,211
<b>2007</b>	\$32,368,880	6,885
<b>2008</b>	\$37,509,012	7,087
<b>2009</b>	\$53,633,503	2,199
<b>ARRA</b>	\$288,677,576	40,198
<b>2011</b>	\$41,057,474	3,977
<b>2012</b>	\$38,089,246	5,741

Source: Ohio Development Services

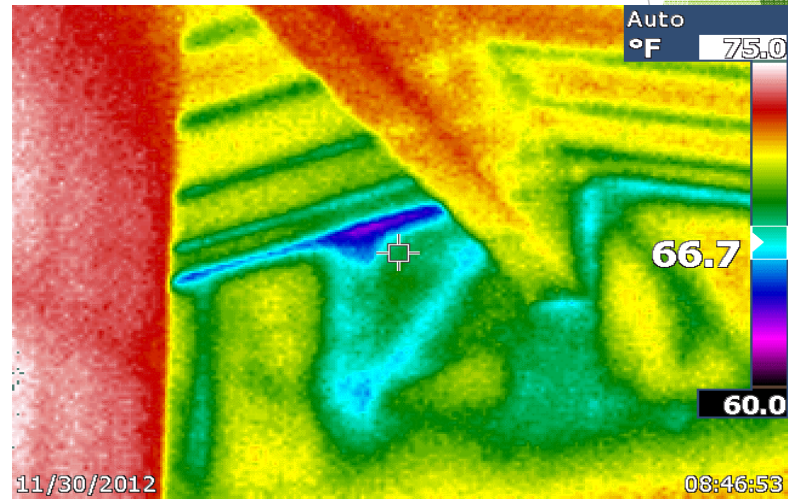
# HWAP Process

- Application
  - At or Below 200% federal poverty income guidelines
  - Receive HEAP Assistance
  - Receive TANF Assistance
  - Receive Supplemental Security Income (SSI)
- Initial Inspection
  - Check heating system, water heater, & electric service
  - Look at insulation in walls, attics, and floors
  - House diagnostic testing
  - Client Education
  - Complete energy audit and write work order



# HWAP Process Cont.

- Field Measures Installed
  - Replace/Repair inoperable or unsafe heating systems, water heaters, and electrical systems
  - Perform blower door guided air sealing
  - Insulate attics, floors, and walls (if needed)
  - Install vapor barriers, exhaust fans, and roof venting





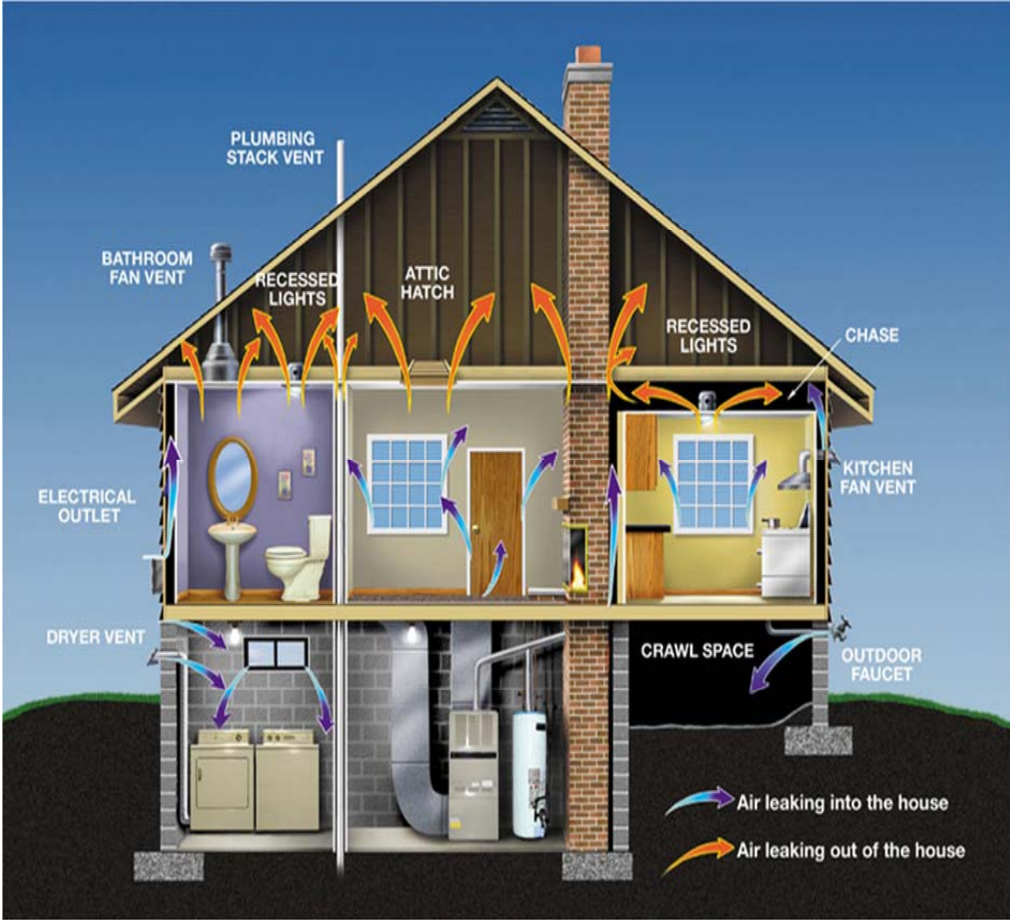


# HWAP Process Cont.

- Final Inspection & Reporting
  - Completed by certified OCI Inspector
  - Data is entered into OCEAN BWR page

Table 4	
Energy Costs and Benefits from ARRA Weatherization	
Principal factors considered <i>(per household)</i>	Estimates
Average heating and cooling bill reduction	\$440
Savings in electricity bills for electric appliances	\$100-\$180
Average cost of weatherizing a house unit under the program	\$5,760
Net present value of energy savings	\$10,350
Energy benefit cost ratio	1.8

Source: Oak Ridge National Laboratory



# Baseload Programs

## AEP Community Assistance Program (AEP CAP)

- Goal of the program
  - Reduce baseload and overall electrical usage in the home
- Types of services
  - CFL lighting
  - Low-flow showerheads
  - Replace inefficient refrigerators and freezers
  - Weatherization measures
- Funding
  - AEP -> COAD -> Pike CAC
  - \$194,050 in 2016

## Electric Partnership Program (EPP)

- Goal of the program
  - Reduce baseload and overall electrical usage in the home
  - Reduce client PIPP arrearages
- Types of services
  - CFL lighting
  - Low-flow showerheads
  - Replace inefficient refrigerators and freezers
  - Weatherization measures
- Funding
  - ODSA -> COAD -> Pike CAC
  - \$73,000 for PY15





# Pike Natural Gas Program

- Goal
  - Reduce natural gas usage in homes
  - Correct health & safety issues
- Eligibility
  - At or below 200% of federal poverty income guidelines
  - Homeowners
  - Pike Natural Gas customer
- Types of work
  - Furnace repair/replacement
  - Water heater repair/replacement
  - Weatherization
- Funding
  - Pike Natural Gas -> OPAE -> Pike CAC
  - \$90,000 per year since 2012



# Home Repair Programs

## TANF Emergency Home & Heating Unit Repair Program (EHHUR)

- Eligibility
  - At or below 200 % federal poverty income guidelines
  - Homeowner
  - At least one minor child or pregnant woman living in the home
- Types of Service
  - Heating unit repair/replacement
  - Water heater repair/replacement
  - Electrical Repairs
  - Structural Repairs
- Funding
  - \$50,000 for 2016

## Ohio Housing Trust Fund (OHTF)

- Eligibility
  - Has its own income guidelines
  - Homeowner
  - Eligible for match funds
- Types of Service
  - Heating unit repair/replacement
  - Water heater repair/replacement
  - Electrical Repairs
  - Structural Repairs
  - Handicap Modifications
- Funding
  - COAD received around \$200,000 for 2016 - 2018
  - \$2,000 average and \$7,500 max



# Energy Program Staff

- Clinton Throckmorton - Energy/Maintenance Director
- Tracy Mathews - Energy/Maintenance Clerk
- Sid Royster - Energy Programs Supervisor
- Wes Wilburn - Quality Control Inspector
- Ricky Warren - Heat Tech
- Mark Francis - Crew Leader
- Paul Rice - Crew Leader
- Matt Francis - Crew Member
- Tony Hawk - Crew Member
- Jason Breitenbach - Crew Member

