

ARKANSAS WEATHERIZATION PROGRAM (AWP)

The Arkansas Weatherization Program (AWP) is a utility funded program for all Arkansans that have utility service with one or more of the participating utilities. This program requires a cash match based on job costs and number of utilities participating. The match includes administrative and other costs.

The participating utilities are:

A. Electric Utilities

1. Empire Electric
2. Entergy
3. Oklahoma Gas & Electric
4. Southwestern Electric Power Company

B. Gas Utilities (only if gas is the **MAIN HEATING SOURCE** for the home)

1. Arkansas Oklahoma Gas
2. Centerpoint Energy
3. Source Gas

Please refer to the WEATHERIZATION ELIGIBILITY CHART for the flow or procedures for the program.

Year Built is the first qualifying point.

Please complete the ARKANSAS WEATHERIZATION PROGRAM PRE-AUDIT (Self- Assessment).

If you feel that you qualify for the program, please complete the ARKANSAS WEATHERIZATION PROGRAM APPLICATION.

YOU MAY FORWARD THE APPLICATION BY EMAIL ATTACHMENT BY SENDING IT TO:

CADC.AWP@CADDC.COM

Or you may mail it to:

CENTRAL ARKANSAS DEVELOPMENT COUNCIL
321 EDISON
P.O. BOX 580
BENTON, AR 72018

Once we receive your information we will have someone contact you.

Please be aware that your home must meet three of the criteria listed in order for the utilities to participate with any of the items listed as approved measures (item 6) in the Self-Assessment.

WEATHERIZATION ELIGIBILITY CHART

Purpose: To help you determine if you qualify for one or more energy-efficiency assistance programs. (You may qualify for both programs).

Arkansas Weatherization Program (Utility Funded)

Do you receive service from any of the following utility companies?

Empire Electric
Entergy
Oklahoma Gas & Electric
Southwestern Electric Power Company
If primary heating source is gas, it must be one of the following:
Arkansas Oklahoma Gas
CenterPoint Energy
Source Gas

If YES

Complete the Pre-Audit (Self-Assessment). Does your home meet three of the following criteria?

- Attic Insulation less than or equal to R-30
- No wall insulation
- No floor insulation
- Single pane windows with no storm windows
- Heating system less than 70% efficient or non-working unit
- Cooling system with SEER of 8 or less or non-working unit
- Air infiltration of greater than 2,200 CFM at 50 pa in a household of 5 or less
- or -
- 2,700 CFM at 50 pa in a household of more than 5

If YES

You may qualify for the utility-supported Arkansas Weatherization Program. Complete the application. If qualified, each utility will pay up to maximum pay of \$1058. ***This program requires a cash match based on job costs and number of utilities participating. This includes administrative and other costs.*** All electric is up to maximum pay of \$2116. Gas utilities require gas as primary heat source.

You may qualify for WAP if your household income is 200% or less of the Federal Poverty Guideline. Waiting list may exist.

Weatherization Assistance Program (Federally Funded)

Is your household income below 200% of the Federal Poverty Guideline (effective 1/24/2013)?

Size of Family Unit	200%
1	\$22,980
2	\$31,020
3	\$39,060
4	\$47,100
5	\$55,140
6	\$63,180
7	\$71,220
8	\$79,260
For each additional family member, add \$8,040	

If YES

You may qualify for the Federally-funded Weatherization Assistance Program. See attached List of Agencies you may apply to.

ATTACHMENT 1

If YES

Do you rent your home?

Complete the section attached
(Basic, 3 year agreement and a minimum \$500 contribution from the owner)

ATTACHMENT 2 (lessor agreement)

**ARKANSAS WEATHERIZATION PROGRAM
PRE-AUDIT
(Self-Assessment)**

1. Home must be built prior to 1997
2. Must have utility service from one or more of the following utilities:
 - A. Electric Utilities
 1. Empire Electric
 2. Entergy
 3. Oklahoma Gas & Electric
 4. Southwestern Electric Power Company
 - B. Gas Utilities (only if gas is the **MAIN HEATING SOURCE** for the home)
 1. Arkansas Oklahoma Gas
 2. CenterPoint Energy
 3. Source Gas
3. The purpose of the AWP is to target **severely energy-inefficient** homes. Therefore, to qualify, your home must meet certain criteria:
 - Residential heating or cooling customers of at least one AWP Utility, to which savings can be attributed.
 - **Site-constructed or mobile homes**
 - Homes built in 1997 or later do not qualify for the AWP. Homes built prior to 1997 **must meet at least three** of the following seven criteria:
 - a. Attic insulation equal to or less than R-30
 - b. Wall insulation equal to R-0
 - c. Floor insulation equal to R-0
 - d. Single pane windows with no storm windows attached
 - e. Non-working heating system or heating system with less than 70% efficiency
 - f. Non-working cooling system or cooling system with Seasonal Energy Efficiency Rating (“SEER”) of 8 or less
 - g. Air infiltration problems identified through:
 1. visual inspection of ductwork, walls, floors, ceilings, doors, and windows; or
 2. pre-blower door test resulting in: i) greater than 2,200 CFM at 50 pa (for households of five persons or fewer); or ii) greater than 2,700 CFM at 50 pa (for households of more than five persons)

Pre- and post- carbon monoxide (CO) readings must meet the health and safety regulation specified by the U.S. Department of Energy (“DOE”).

TO DETERMINE INSULATION R RATING OR IF PRESENT

FOR ATTIC, DO A VISUAL INSPECTION AS TO THE THICKNESS AND TYPE OF INSULATION:

- For fiberglass batts (may be pink, white, or yellow in color), if thickness is more than 9.5 inches, the R rating will be 30 or greater.
- For rock wool batts (colors will vary), if thickness is more than 7.5 inches, the R rating will be 30 or greater.
- For cellulose loose fill or blown insulation (treated paper), if thickness is more than 8 inches, the R rating will be 30 or greater.
- For fiberglass blown insulation, if thickness is more than 12 inches, the R rating will be 30 or greater.

FOR WALLS, YOU MAY DO THE FOLLOWING:

WARNING: BEFORE PROCEEDING TO THE NEXT STEP, TURN OFF THE POWER TO THE OUTLETS AND DO NOT TOUCH ANY ELECTRICAL WIRES. A SEVERE SHOCK OR DEATH COULD RESULT.

Remove a receptacle cover and examine the area surrounding it to check for the presence of insulation. (**DO NOT TOUCH ELECTRICAL WIRES. A SEVERE SHOCK OR DEATH COULD RESULT.**) If any insulation is present, the R rating is greater than 0.

FOR FLOORS, YOU MAY DO THE FOLLOWING:

Look in the crawl space below the house. If there is any insulation at all, the R rating is greater than 0.

TO CHECK WINDOW CRITERIA

Do a visual inspection to determine if you have single pane windows with no storm windows attached.

TO CHECK HEATING AND/OR COOLING SYSTEM EFFICIENCY

To determine whether the heating system efficiency is less than 70%, perform the following:

1. Search for a tag on the furnace
2. Look for the input rating in British Thermal Units (BTU's)
3. Look for the output rating in British Thermal Units (BTU's)
4. Divide the output rating by the input rating to determine the % of efficiency

For cooling or heat pump systems where the rating is not known, you may refer to the following chart to assist:

Heating and Cooling Efficiencies Based on Manufactured Date
Oak Ridge National Laboratory
September 7, 2007

Central Air Conditioner or Heat Pump Cooling Efficiency (SEER)

1970 and earlier	SEER = 6.0
1971 - 1996	SEER = 9.5 + 0.1786* (year manufactured - 1990)
1997 - 2002	SEER = 10.75 + 0.0750* (year manufactured - 1997)
2003 - 2007	SEER = 11.2 + 0.3600* (year manufactured - 2003)
2008 and later	SEER = 13.0

(Example: year manufactured 1995 minus 1990 = 5 X .1786 = .89 plus 9.5 = SEER rating of 10.39)

Heat Pump Heating Efficiency (HSPF)

1970 and earlier	HSPF = 5.0
1971 - 2007	HSPF = 5.5 + 0.06875* (year manufactured - 1976)
2008 and later	HSPF = 7.7

Room (Window) Air Conditioner Cooling Efficiency (EER)

1972 and earlier	EER = 6.0
1973 - 1994	EER = 6.0 + 0.1304* (year manufactured - 1972)
1995 - 1998	EER = 9.0
1999 - 2001	EER = 9.0 + 0.2500* (year manufactured - 1999)
2002 and later	EER = 9.75

Conversion of Room Air Conditioner EER to SEER

SEER = 0.9*	EER + 0.1	Fan runs continuously (assumed in Version 8.3)
SEER = 1.2*	EER - 0.7	Fan runs only when cooling

TO CHECK AIR INFILTRATION

With a simple but diligent walk-through, you can spot many problems in any type of house. Keep a checklist of areas you have inspected and problems you found.

WARNING: DO NOT TOUCH ELECTRICAL WIRES AS SEVERE SHOCK OR DEATH COULD RESULT.

- A. Check for indoor air leaks, such as gaps along the baseboard or edge of the flooring and at junctures of the wall and ceiling. Check to see if air can flow through these places:
electrical outlets, switch plates, window frames, baseboards, fireplace dampers, attic hatches, wall- or window-mounted air conditioners
- B. Look for gaps around pipes and wires, electric outlets, foundation seals, and mail slots.
- C. Inspect windows and doors for air leaks. If you can rattle them, it means there may be a possible air leak. Daylight around a door or window frame indicates door or window leaks.
- D. Check storm windows, if attached, to see if they fit properly and are not broken.

- E. Outside the house, inspect the areas where two different building materials meet, including:
 - All exterior corners
 - Where siding and chimneys meet
 - Areas where the foundation and the bottom of exterior brick or siding meet
- F. Check to see whether exterior storm doors and primary doors seal tightly.

Additional information for locating air infiltration problems may be obtained by checking the U.S. Department of Energy web sites.

- 4. After the applicant has reviewed and used the self-assessment to determine that the home qualifies, an energy audit will be performed on the house.
- 5. The customer's portion of the pre-audit payment is required prior to the audit, and the amount is dependent upon the number of participating utilities serving the customer. If only one utility, (if it is gas the utility must be the primary heat source), the customer pays \$196; if two utilities and the gas utility is the primary heat source, or an all-electric home, the customer pays \$50.
- 6. After the audit, a recommendation of corrective measures will be made. The applicant can choose from the following list of items. After selection, payment for installation will be due from the customer less the amount paid by the participating utilities. The following list of measures is approved for use in the AWP:
 - Attic insulation
 - Floor insulation
 - Wall insulation
 - Duct insulation
 - Duct sealing/repair
 - Sillbox insulation
 - Foundation insulation
 - Air infiltration
 - Window sealing
 - Window replacements
 - Storm windows
 - Low flow shower heads
 - Furnace replacements
 - Furnace tune-ups
 - Air conditioner replacements
 - Air conditioner tune-ups
 - Heat pump replacements
 - Heat pump tune-ups
 - Refrigerator replacements
 - Lighting retrofits
 - Water heater tank insulation
 - Water heater pipe insulation
 - Water heater replacement
 - Smart thermostats
- 7. If renting, the customer must have signed permission from the homeowner/landlord.

THE ARKANSAS WEATHERIZATION PROGRAM (AWP)

Participating Organizations

For more information about signing up for the AWP, contact one of the participating organizations listed below.

Agency	Utility Provider	Counties Served
Black River Area Development Corp. (BRAD) <ul style="list-style-type: none"> • James Jansen, Executive Director jjansen@bradcorp.org • Kris Rose, Weatherization Director krrose@bradcorp.org 1403 Hospital Drive Pocahontas, AR 72455 (870) 892-4547 / Fax (870) 892-0707 	Entergy SourceGas CenterPoint Energy	Randolph, Clay, Lawrence, Fulton, Independence, Izard, Sharp, Stone, Baxter, Boone, Marion, Newton, Searcy, Van Buren Clay, Izard, Stone, Boone, Marion, Baxter Randolph, Clay, Lawrence, Sharp, Independence, Van Buren
Central Arkansas Development Council (CADC) <ul style="list-style-type: none"> • Larry Cogburn, Executive Director lcogburn@cadc.com • Beverly Palmer, Weatherization Director bpalmer@cadc.com 722 Gaunt Benton, AR 72015 (501) 776-8446 / Fax (501) 326-6335 	SWEPCO Entergy CenterPoint Energy	Pike, Sevier, Howard, Hempstead, Little River, Miller Calhoun, Clark, Columbia, Dallas, Hot Spring, Lonoke, Montgomery, Ouachita, Pike, Pulaski, Saline, Union, Miller, Lafayette, Nevada Calhoun, Clark, Columbia, Dallas, Hot Spring, Lonoke, Montgomery, Ouachita, Pike, Pulaski, Saline, Union, Hempstead, Howard, Lafayette, Little River, Miller, Nevada, Sevier
Community Action Program for Central AR Inc. (CAPCA) <ul style="list-style-type: none"> • Archie Musselman, Executive Director archie.musselman@capcainc.org • Melissa McWilliams, Weatherization Coordinator melissa.mcwilliams@capcainc.org 707 Robins, Suite 118 Conway, AR 72034 (501) 329-3891 / Fax (501) 329-8642 	Entergy CenterPoint Energy SWEPCO OG&E SourceGas AOG	Faulkner, White, Cleburne, Logan, Yell, Pope, Conway, Perry, Scott, Garland Faulkner, White, Cleburne, Franklin, Johnson, Pope, Logan, Yell, Conway, Perry, Polk, Garland Logan, Scott, Polk Franklin, Johnson, Logan Franklin, Johnson, Logan, Yell Franklin, Logan, Scott