

WEATHERIZATION ASSISTANCE PROGRAM

Texas Department of Housing and
Community Affairs

WEST CENTRAL TEXAS COUNCIL OF GOVERNMENTS
HOMELAND SECURITY DEPARTMENT

3702 LOOP 322
ABILENE, TX 79602

(325) 672-8544
HOMELANDSECURITY@WESTCENTRALTEXAS.ORG



Weatherization Best Practices



WINDOWS AND DOORS

- Install storm windows or add caulking or sealant to existing windows to reduce air infiltration.
- Close drapes or blinds and lock windows to ensure a tight seal.
- Install solar screens to eliminate solar heat through windows.
- Weather-strip the perimeter of exterior doors.

INSULATION

- Install insulation in your attic, walls (where accessible), and floors.
- Add insulation to water pipes.

WATER

- Install low flow toilets, shower heads and faucet aerators.
- Use conservation showerheads to eliminate hot water waste.

CHIMNEYS

- Install dampers in chimneys.
- Close the damper on fireplaces (when not in use) or add glass doors.

HEATING AND COOLING

- Replace filters in heating and cooling systems monthly.
- Adjust the thermostat to slightly lower temperatures in the winter and slightly higher temperatures in the summer when your family is sleeping or away from the home.
- Set fans to move air downward in the winter (counterclockwise) and upward in the summer (clockwise). When not in the room, turn fans off.

EFFICIENCY

- Replace old appliances with new energy efficient models. Look for the Energy Star logo.
- Install Light-Emitting Diode bulbs (LED) or Compact Fluorescent Lightbulbs (CFL).



Texas Department of Housing and Community Affairs (TDHCA) Weatherization Assistance Program

TDHCA funds local organizations to help those in need. The following organizations may obtain subrecipient funding through TDHCA or other resources to provide services and support to eligible households.

➤ Click on the organizational logos for more information.

ROLLING PLAINS MANAGEMENT CORPORATION
 ABILENE, TX / (325) 672-3969



Brown / Callahan / Eastland / Jones / Kent / Shackelford / Stephens / Taylor

DESCRIPTION

Provides weatherization assistance to individuals to reduce energy consumption by making the home more energy efficient. The program may include the following but may not apply to every home (determined per individual situation):

- Window repair/replacement.
- Door repair/replacement.
- General caulking or hole patching of floors, ceiling, and outside walls.
- Insulation (attic, floor, and wall).
- Skirting/underpinning exposed floors.
- Heating or cooling equipment repair/replacement/retrofitting.
- Address health and safety issues of home.

ELIGIBILITY

Economically disadvantaged individuals, particularly the elderly and those with disabilities, under the federal poverty guideline of 150%.

ROLLING PLAINS MANAGEMENT CORPORATION
CROWELL, TX / (940) 684-1571



Haskell / Kent / Knox / Stonewall / Throckmorton

DESCRIPTION

Provides aid to qualified households to promote a more comfortable and healthier environment, conserve energy, and reduce high utility bills.

- Window repair/replacement.
- Door repair/replacement.
- General caulking or hole patching of floors, ceiling, and outside walls.
- Insulation (floor and wall).
- Skirting/underpinning exposed floors.
- Heating or cooling equipment repair/replacement/retrofitting.
- Address health and safety issues of home.

ELIGIBILITY

Must meet income guidelines and reside in a county served.

CONCHO VALLEY COMMUNITY ACTION AGENCY SAN
ANGELO, TX / (325) 653-2411



Coleman / Runnels

DESCRIPTION

Assists low-income, vulnerable communities with energy burdens.

- Not an emergency assistance program.
- No window or door repair/replacement.
- Home must pass Texas Easy Audit Test to be considered for weatherization (ie. no roof leaks or missing sheetrock; no excessive holes in walls/floors/ceilings).

ELIGIBILITY

Open to the public for aging individuals, persons with disabilities, families with children, high energy users, and households with energy burdens.

WEST TEXAS OPPORTUNITIES
SWEETWATER, TX / (325) 236-9201



Fisher / Mitchell / Nolan / Scurry

DESCRIPTION

Provides home energy efficiency review to identify air leaks, inefficient appliances, etc. Provides installation of weatherization measures to increase energy efficiency when beneficial to the home.

- Caulking.
- Weather-stripping.
- Insulation (ceilings, walls, and floors).
- Hole patching on building envelope.
- Duct work.
- Maintenance/repair/replacement of energy inefficient heating and cooling systems.

ELIGIBILITY

Initial eligibility includes households with one or more children under age 5, individuals 60 or older, and individuals with disabilities.

FOR MORE INFORMATION ON WEATHERIZATION MEASURES

PUBLIC UTILITY COMMISSION OF TEXAS

www.PowerToSaveTexas.org



DEPARTMENT OF ENERGY (DOE)

www.energy.gov



TEXAS WEATHERIZATION ASSISTANCE PROGRAM

www.benefits.gov



Energy Reduction Benefits of Weatherization

RURAL COMMUNITIES SUBSTANTIALLY IMPACT THE ENERGY GRID

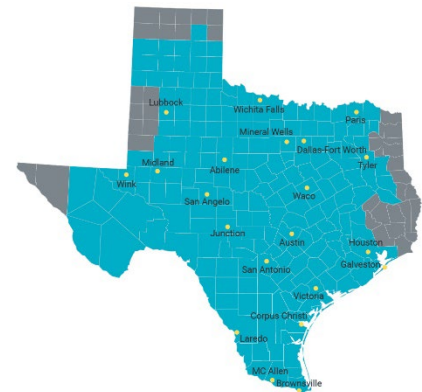
The benefits of weatherizing homes and businesses goes beyond individuals and families. These benefits extend outward across the community, region, and state in the areas of health, safety, local economy, and grid reliability. Rural communities across Texas have the capacity to positively impact the electric grid as much as large cities through the implementation of effective weatherization and energy saving strategies.



The Electric Reliability Council of Texas (ERCOT) manages the flow of Texas' power supply. State population growth, electrification of home heating, and the number of transmission lines from rural electric producers to urban centers substantially affect electricity consumption and grid disruptions.

Weatherization protects homes from the wind, rain, sun, or freezing temperatures. Both money and energy are wasted when households use heating and cooling systems in a home with air leaks or poor insulation. Cooling or heating requires less energy and saves money on energy bills after weatherization measures are implemented. During power outages, weatherized homes provide improved resiliency to residents, maintaining a comfortable and safe environment for a longer period – especially important for vulnerable residents who are more likely to feel the effects of severe weather events.

As more homes are weatherized across the region, the cumulative energy savings decreases stress on the energy grid, increasing the threshold where the power demand would exceed supply on high usage days. The savings potential for residents, in both rural and urban areas, is substantial. According to the Houston Advanced Research Center, Texas has more economic potential than any other state to reduce its residential energy use yet lags all other states in residential weatherization measures.



References

➤ Click on the organizational logos for more information.

DEPARTMENT OF ENERGY (DOE)
www.energy.gov



ELECTRIC RELIABILITY COUNCIL OF TEXAS (ERCOT)
www.ercot.com



ENERGY STAR
www.energystar.gov/saveathome



HOUSTON ADVANCED RESEARCH CENTER (HARC)
www.harcresearch.org



ROLLING PLAINS MANAGEMENT CORPORATION
www.rollingplains.org



PUBLIC UTILITY COMMISSION OF TEXAS
www.PowerToSaveTexas.org



TEXAS DEPARTMENT OF HOUSING AND COMMUNITY AFFAIRS
(WEATHERIZATION ASSISTANCE PROGRAM)
www.tdhca.texas.gov



TEXAS WEATHERIZATION ASSISTANCE PROGRAM
www.benefits.gov



WEST TEXAS OPPORTUNITIES
www.gowto.org

