



Before After

Reducing the Energy Burden on Our Most Vulnerable Neighbors

Terisa from Pineville applied for Weatherization in the hopes of making her home a little more comfortable and saving some money on her utility bills. She was relying on small space heaters, which are unsafe, horribly inefficient and result in costly electric bills.

Economic Security Corporation's Weatherization employed a variety of measures to make her home more energy efficient. The first thing we did was install an energy efficient 15 SEER (Seasonal Energy Efficiency Ratio) heat pump. Then we went to work installing a water heater jacket, 1,578 square feet of R-38 attic insulation, vapor barrier in the crawl space, R-19 floor insulation and LED (Light-emitting diode) light bulbs. We wrapped her water lines with 132 feet of tubular pipe wrap. We also installed an ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers) fan that ensures healthy indoor air quality and reduces pollutants or moisture in areas like kitchens, baths and laundries. We added carbon monoxide detectors for safety. By employing these measures, we reduced the air infiltration of Terisa's home by 41%, which resulted in a household estimated annual savings of \$150.

When we asked if she had noticed any difference, she told us, "The house is not drafty anymore. It heats and cools really quickly." She went on to say, "We didn't have to keep the thermostat set as low last summer to keep the house cool."

ESC was able to bundle their energy services by utilizing the Department of Energy (DOE) and Low Income Home Energy Assistance Program (LIHEAP) resources.

Terisa is a happy neighbor who enjoys a better quality of life and is more self-reliant. ESC appreciates the support of our funding partners and the hard work of our contractors and Weatherization crews.

