



CASE STUDY: CHESTERFIELD COUNTY

Weatherization Deferral Repair (WDR) Funds Improving Single Family Home

PROGRAM OVERVIEW

for fiscal year 2021

Total RGGI Funds for
Energy Efficiency:

\$92 Million

Total Funds for
Weatherization
Deferral Program:

\$16 Million

PROJECT OVERVIEW

- Roof & HVAC System Replacement
- LED lighting
- Water Efficiency Devices
- Air Sealing
- Insulation
- Crawl Space Vapor Barrier
- Smoke & CO Alarms
- Dryer Venting
- Projected savings of 236.76 MMBtus over the lifetime of the measures



THE CHALLENGE

Home deterioration makes it impossible for weatherization assistance providers like Project:HOMES to **safely weatherize many low-income houses**. Major issues like roof damage, significant leaks, faulty heating systems, and mold disqualify a home from the federal Weatherization Assistance Program, **forcing providers to defer or walk away from housing that is in the most need**. Local weatherization assistance provider Project:HOMES had over 150 homes on the deferral list in such disrepair that they were unable to provide critical weatherization services.

THE SOLUTION

Using Weatherization Deferral Repair (WDR) funds - **made possible by the Regional Greenhouse Gas Initiative (RGGI) auctions** - Project:HOMES was able to add 308 homes into the WDR program. These homes are now able to receive major improvements, such as air sealing and LED lighting, **improving the health and safety of the residents**. Not only are the funds critical in bringing homes online for Weatherization, they have also allowed project:HOMES to hire internal staff and build a strong subcontractor network to better serve homes throughout their 23 county and 11 city service area. This program helps create local jobs and allows providers to strengthen communities by keeping individuals in a safe and energy efficient home.

THE RESULT

The home of an elderly widow in Chesterfield County would have been deferred prior to the WDR funds. Living on a fixed income, the client has a large portion of her expenses coming from utility bills and has difficulty with property upkeep. The WDR program replaced the original 30-year-old roof and HVAC system, which then allowed project:HOMES to implement weatherization services, including LEDs, water efficiency devices, air sealing, insulation, crawlspace vapor barrier, smoke and CO alarms, and dryer venting. These improvements are projected to save the homeowner a total of 236.76 MMBtus over the lifetime of the measures (~26 years).

“I would’ve never been able to do any of this on my own, and for that I am eternally grateful” - client

To learn more, visit vaeec.org/rggi/ or contact info@vaeec.org