



Thetford Volunteer Assisted Weatherization Program

Project Goals

- Develop a program to assist those whose homes were in need of weatherization, but who could not afford it and did not qualify for the free Weatherization Assistance Program



Target Income Level

- Worked with Capstone Community Action which runs Weatherization Assistance Program in Orange County
- Thetford VAW set at 60% to 90% AMI (Annual Median Income)



Home Performance Incentives

- Efficiency Vermont approved that work done would qualify for financial incentives through the Do-It-Yourself track of the Home Performance with ENERGY STAR program
- Incentives from the improvements were redirected into the Thetford VAW Fund for future jobs



Grant Money

- \$2,500 from Vt. Community Foundation and Ben & Jerry's to:
 - Hire a Home Performance with ENERGY STAR contractor
 - Pay for materials



Finding Candidates

- Sought participants through:
 - Local churches
 - Town food shelf
 - Thetford Elder Network
 - Capstone (folks who had applied to them, but were above their qualifying levels)
- Two candidates for this first pilot outreach effort
- Chose Lorraine Carbino's home in Thetford Center, Vermont



Home Performance Contractor

- Hired Building Energy to
 - Do test-in and test-out Home Performance Assessments
 - Develop a work scope and materials list
 - Train (as needed) and oversee a team of skilled volunteers installing the measures
 - Submit a final Home Performance HERO report to Efficiency Vermont



Volunteers

- Recruited 11 skilled carpenters and weatherization contractors
 - Contributed 107 hours



Sealed Leaks and Installed Foam in Crawl Space



Sealed Rim Joists



Installed Plexiglass Interior Storm Basement Windows



Installed Foam Board on Basement Walls



Installed Foam Board on Foundation Walls



Built and Installed Interior Storm Windows



Project Savings

- Audit test-out report determined:
 - Air leakage reduced by just over 10%
 - Energy use reduced by more than 21%
 - Estimated annual fuel savings of \$488.50
 - Reduce CO₂ emissions by 2,800 lbs. per year



Project Finances

- Labor and material costs for this work totaled \$2,770 (\$2,500 from grants)
- Efficiency Vermont paid \$970 in incentives
- Net cost of the job is \$1,800
- Energy savings will pay for the cost of improvements in less than four years



Next Steps

- Select board approved ongoing efforts
- Thetford nonprofit Opompanoosuc Community Trust will accept tax-deductible charitable donations from Thetford residents and businesses to pay for ongoing VAW projects



Questions??

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