

Lowering Energy Use in Residential and Community Buildings

Vermont's Goals and Progress Report Against Them

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Overview

2

- Vermont has set Goals in statute
- Energy Efficiency and Weatherization Programs
Collect Data on Program Achievements
- This Data is Not Aggregated or Compared to The
Statutory Goals

Energy Savings and Renewable Energy Goals in Statute

3

- **The Governor’s Climate Change Commission**
 - ✦ executive order 07-05, later enumerated into law, calling for a reduction in Green House Gas (GHG) emissions from 1990 levels by 25% by 2012; by 50% by 2028; and (if practicable), 75% by 2050.
- **The “25 X 25” Initiative**
 - ✦ 25% of total energy needs from renewables by 2025
- **The Regional Greenhouse Gas Initiative (RGGI)**
 - ✦ reducing carbon emissions by 10% from electric power by 2018

Energy Savings and Renewable Energy Goals in Statute

4

- **10 VSA 581**
 - To improve substantially the energy fitness of at least 20 percent of the state's housing stock by 2017 (more than 60,000 housing units), and 25 percent of the state's housing stock by 2020 (approximately 80,000 housing units).
 - Reduction in residential fuel needs and BTU's by 25% in housing units served
 - Reduction in fossil fuel consumption across all buildings for a total savings of up to 10% by 2025
 - To save Vermont families and businesses a total of \$1.5 billion on fuel bills over the lifetime of the improvements
 - increase weatherization services to low income Vermonters

A number of programs that address the statewide building goals, including:

5

- Efficiency Vermont Unregulated Fuel Efficiency Services
 - ✦ Funded by revenues from the FCM and RGGI (generally propane, kerosene, and fuel oil, also wood where cost effective) 75% residential, 25% commercial
- Vermont Gas Systems DSM Programs
- Vermont Fuel Efficiency Partnership (VFEP, in general serving customers >60% and <80% of poverty level)
- Office of Economic Opportunity Weatherization (<60% of poverty level)
- CAPs (independently) and VT Housing Conservation Board,

A number of programs that address the statewide building goals, including:

6

- ARRA funding – Energy Efficiency and Conservation Block Grants to be distributed to school districts and municipalities – much of the funding through the DPS will be directed to energy efficiency retrofits, with an emphasis on comprehensiveness

Savings Projections

7

- 2009-2011 period
- 300,000 annual MMBtu
- serve over 9,000 units.
- The average efficiency is projected to reach 25% in homes

How is progress toward achieving statewide goals being tracked?

8

- Efficiency Vermont and BED report their programs monthly, quarterly, and annually. Savings estimates are verified by the Department of Public Service as part of its Efficiency Utility Monitoring and Verification Responsibilities
- VGS provides annual reports, projections contained in Integrated Resource Plans
- VFEP provides quarterly and annual reports
- Wx must report to DOE.