

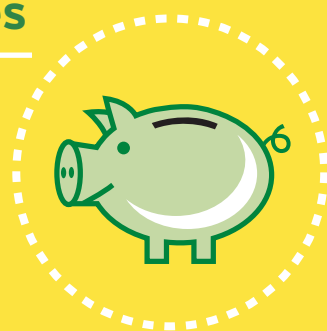


## Efficiency Vermont

# 2009 HIGHLIGHTS

## Helping Vermonters in challenging economic times

Efficiency Vermont is helping families and businesses save energy and save money. The energy efficiency measures installed in 2009 will provide \$112 million in economic value over their lifetimes.



Efficiency Vermont's approximate cost of electric efficiency – 3.7¢ / kWh



Approximate cost of comparable electric supply – 14.8¢ / kWh

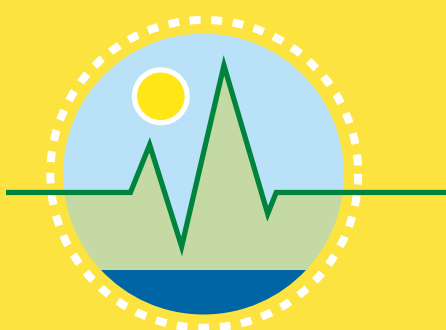
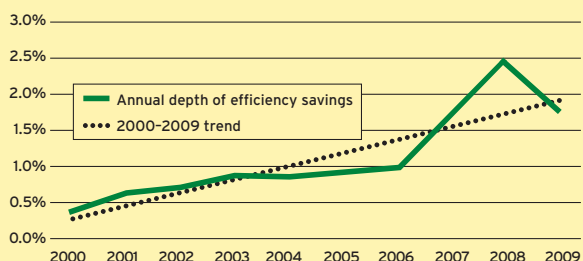
## Efficiency is the least expensive source of energy available

Efficiency Vermont acquired electric energy efficiency savings in 2009 for 3.7 cents per kilowatt hour — one-quarter of the cost of comparable electric supply.

## Energy efficiency provided 1.8% of Vermont's electric supply requirements in 2009

Despite the challenging economy, Efficiency Vermont delivered significant economic and energy savings benefits to Vermont homes and businesses in 2009. Efficiency investments reduced the need to build costly power system infrastructure and purchase expensive power during peak demand periods.

Energy efficiency savings as a share of Vermont's electricity needs



## 2009 vital statistics

- MWh Savings: 96,000
- Total Resource Benefits: \$112 million
- Overall Benefit-Cost Ratio: 2.75 to 1
- Summer Peak Savings: 15,000 kW
- Winter Peak Savings: 16,000 kW
- Summer Peak Geographic Targeting Savings: 5,500 kW
- Winter Peak Geographic Targeting Savings: 5,400 kW

Energy savings for 2009 are subject to verification by the Vermont Department of Public Service. See back for more information.



Home Performance with ENERGY STAR® is a U.S. Department of Energy program with a statewide network of private contractors. Each contractor is certified by the Building Performance Institute to perform energy audits, diagnose building performance problems, and install the recommended energy efficiency improvements. Efficiency Vermont supports this network of private-sector local employers with training, marketing, quality assurance, and customer incentives.

Efficiency Vermont offers other services to residential customers, including rebates for purchase of efficient products, support for community-based energy efficiency initiatives, and support for energy-efficient residential new construction activity.

## Energy audits and improvement through Home Performance



Bill Durkin and Kathy Hartl's 1880 farmhouse is a Vermont classic, but it left something to be desired when it came to energy use and comfort: The house featured high energy bills, drafts, ice dams, chilly rooms, and cold floors.

## A TALE OF TWO PROJECTS

Efficiency Vermont works with commercial and industrial customers to find energy efficiency solutions that meet their business needs. Services range from streamlined rebate programs to customized account management services – all designed to maximize energy-saving opportunities for customers.

Efficiency Vermont also serves commercial customers with targeted market initiatives that address the unique needs of specific business sectors, such as dairy farms, convenience stores, and hospitals. Each initiative is supported by Efficiency Vermont staff who are experts in that particular market, and who understand the unique conditions in which that sector operates.

## An energy efficiency partner at Rutland Regional Medical Center



Efficiency Vermont recognizes that every customer is different. For our work with the Rutland Regional Medical Center, that meant understanding the unique challenges of making energy efficiency improvements in a facility that has to serve patients' needs 24 hours a day, 7 days a week, with a minimum amount of disruption.

# ments with ENERGY STAR®

John Ashton  
and Bill Durkin



The couple contacted Efficiency Vermont, who helped them connect with Ashton Thermal, a certified Home Performance with ENERGY STAR contractor. The contractor recommended cost-effective ways for the family to save money and save energy, while increasing the comfort of their home.

The contractor completed the comprehensive energy improvements, which were made more affordable for the homeowners, thanks to an incentive from Efficiency Vermont. Their fuel costs have been reduced by 60%, and their annual fuel and electric savings are approximately \$4,600. And best of all, as the homeowners said, "No more frozen toes!"

**Bill Durkin and Kathy Hartl are saving approximately \$4,600 a year!**

# Partnership with Center

Steven Riggs,  
Engineering and  
Maintenance  
Manager at  
Rutland Regional  
Medical Center



After taking the time to understand Rutland Regional Medical Center's needs, an Efficiency Vermont account manager helped identify energy savings opportunities. And Efficiency Vermont worked with Rutland Regional's existing contractors to make sure the work was completed to the customer's satisfaction.

The results of this partnership? In 2009 alone, Efficiency Vermont helped Rutland Regional Medical Center reduce its energy usage by 1,250 MWh, a savings of \$81,000. Efficiency Vermont also brought educational displays to Rutland Regional's cafeteria, so the facility's employees and customers could learn what they could do as individuals to become more energy efficient.

**"It's not just about the money that we saved from becoming more energy efficient; it's about being good stewards of our community."**

—Mary Nemeth, VP of Corporate Support Services  
at Rutland Regional Medical Center

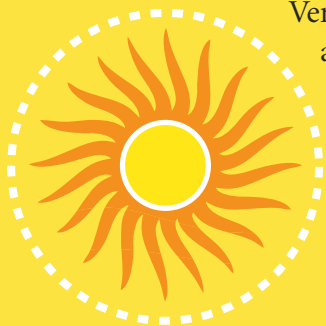
## Energy efficiency is good for the environment

Investments in energy efficiency not only save money and energy, but also help the environment. Reductions in energy use result in reductions in greenhouse gas emissions that are produced by fossil fuel-burning power plants.

Energy efficiency measures installed in 2009 will reduce carbon dioxide emissions by 614,000 tons over the measures' lifetimes. These reductions are the equivalent of taking approximately 107,000 cars off the road for a year. Electric energy efficiency measures installed in 2009 will result in reduced emissions of nitrogen oxides and sulfur oxides by 270 tons and 880 tons, respectively.



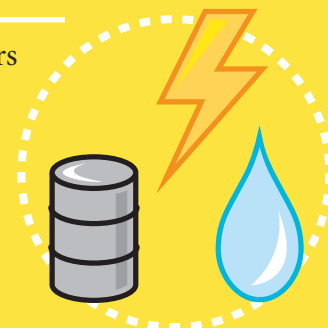
## Energy efficiency helps renewables go further



Vermonters are taking an increased interest in such renewable energy sources as solar and wind power. By investing in efficiency first, they can reduce their energy usage requirements, allowing the renewable energy source to meet a larger share of their energy needs.

## Total resource benefits: More than electricity

Efficiency Vermont helps save more than just electricity. We also help Vermonters reduce fossil fuel and water usage. One way Efficiency Vermont measures these savings is through “total resource benefits.” This metric takes into account the value of each saved resource, measured over the expected lifetime of the efficiency measure. The total resource benefits measure provides Vermonters with a big-picture perspective on the value of the resources that they are saving through investments in efficiency.



**Pictured on the front cover are some of the many Vermonters Efficiency Vermont has worked with since its start in 2000.**

**From left to right are:**

**Efficiency Vermont's mascot Wattson at a retail event; a proud Vermont ENERGY STAR Homes builder; retail account manager Michael Middleton with a Retailer of the Year recipient in Brattleboro; a farmer in Williamstown; grocers in South Burlington.**

The 2009 data presented herein are based on Efficiency Vermont's estimates of preliminary savings as claimed by the Vermont Energy Investment Corporation, the implementer of the Efficiency Vermont contract. Each spring, the savings are subject to an in-depth verification process conducted by the Vermont Department of Public Service. A written report and recommendation go to the Vermont Public Service Board, which makes a final certification of the savings that can be claimed.

In this flyer, data used from 2000 through 2008 were drawn from the final, verified Efficiency Vermont Annual Reports for those years.

Across nine years, the average adjustment between the preliminary energy savings claimed by Efficiency Vermont and the final certified savings amount has been a reduction of 5.4%.