

Efficiency Vermont

2006 RESULTS SUMMARY



Reducing the costs of energy use for Vermont families, businesses, and communities

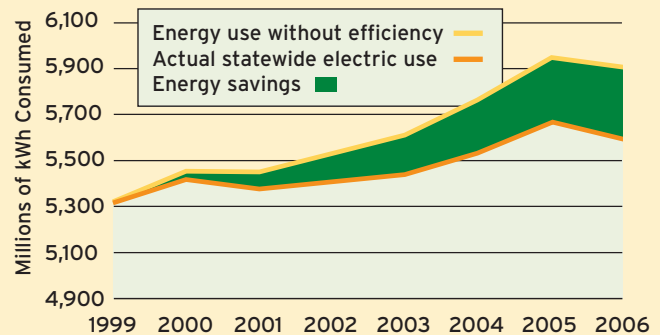
2006 Highlights:

In 2006, Efficiency Vermont helped 12% of electric ratepayers – 38,660 Vermonters – save electricity. Since 2000, when Efficiency Vermont began operations, more than 50% of ratepayers have partnered with Efficiency Vermont to save electricity.



According to the savings verification process carried out by the Vermont Department of Public Service, Efficiency Vermont savings in 2006 were more than 56 million kWh.

Impact of Efficiency Vermont on growth in statewide electrical use



For the first time, efficiency efforts have helped to turn the curve on Vermont annual electric use

Every kWh saved by Efficiency Vermont is a kWh that did not have to be generated or purchased by Vermont utilities. Since 2000, approximately 318 million kWh have been saved, and Vermont's rate of load growth has been cut by two-thirds.

Helping Vermont meet its electricity needs...

Through energy efficiency investments made since 2000, Vermont is now using 5.3% less energy than the state would have used without them.

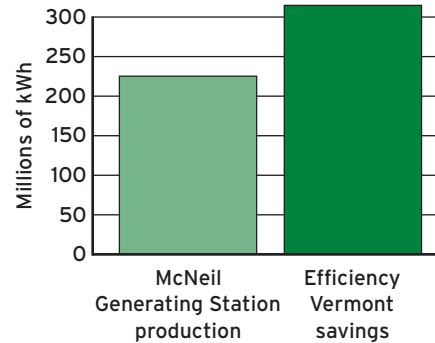
In 2006, Efficiency Vermont and its partners:

- Decreased summer peak demand by 9.6 MW and winter peak demand by 8.5 MW — a cumulative summer savings of 44 MW and winter savings of 52 MW since 2000.
- Reduced annual statewide electrical energy needs by an additional 1%.

Reducing our peak requirement

Power is more expensive at times of peak demand, such as during a heat wave in the middle of summer. By lowering peak demand, energy efficiency reduces the need for the state's utilities to buy electricity at some of the highest prices. It also makes Vermont's energy supply system more reliable and less subject to disruptions.

Savings in 2006 from efficiency measures installed since 2000, compared to the annual output of a 50 MW Vermont power plant



...while saving money and strengthening Vermont's economy.

In 2006, the cost of saving electricity with energy efficiency was approximately 3.7¢/kWh. That's almost two-thirds less than the 10.4¢/kWh that utilities would have paid for a comparable electric supply.



Approximate cost of electric efficiency 3.7¢/kWh

Approximate cost of comparable electric supply 10.4¢/kWh

In 2006, Vermont ratepayers saved more than \$2 for every \$1 invested in energy efficiency. Further, Vermont businesses that participated in efficiency services realized, on average, a 42% return on their efficiency investments.

In addition, when Vermont ratepayers and their utilities invest in energy efficiency, they are buying locally, rather than sending dollars out of state to purchase electricity.

Significant financial benefits

Lifetime economic value of Efficiency Vermont investments made in 2006: **\$45 million**

Combined lifetime economic value of all Efficiency Vermont investments since 2000: **\$324 million**

Over the long term, these savings will reduce the cost of living and the cost of doing business here in Vermont.

Reducing our environmental impact...

When we lower electricity use, we reduce emissions from power plants that burn fossil fuels. Lower levels of emissions mean that Vermont contributes less to air pollution and global climate change.

Energy efficiency measures installed in 2006 by Efficiency Vermont and its partners will result in reductions of the following emissions:

Carbon dioxide: 433,944 tons
Nitrogen oxides: 212 tons
Sulphur dioxides: 626 tons



Efficiency measures installed in 2006 will help homes and businesses across Vermont save the following natural resources:

Water: 409 million gallons — or enough to supply 6,705 households for a year
Oil: 1 million gallons — or enough to heat approximately 1,430 typical Vermont homes for a year
Propane: 3 million gallons — or enough to heat approximately 3,000 typical Vermont homes for a year
Gas: 214 million cubic feet — or enough to heat approximately 2,500 typical Vermont homes for a year

It all adds up

Vermont's reduction of carbon dioxide in 2006, achieved through energy efficiency in homes and businesses, provided the same emissions reductions that would have been achieved if 6,257 fewer cars had traveled on Vermont's roads in 2006.



...by working with partners throughout Vermont.

Hundreds of Efficiency Vermont partners who supply energy efficiency products and services have been critically important to achieving the economic and environmental benefits of Efficiency Vermont's savings. With the help of our partner retailers, suppliers, tradespeople, and design professionals, saving energy is something that every Vermonter can do.

In 2006:



Approximately 270 Vermont retailers partnered with Efficiency Vermont to sell more than 260,000 energy-efficient products



Approximately 850 energy-efficient building projects involving design professionals, engineers, and builders were constructed in Vermont



Efficiency Vermont partnered with electrical distributors and contractors to supply and install more than 21,000 energy-efficient commercial lighting products for Vermont



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: A retail associate at the Vergennes Aubuchon Hardware store; a tour group in a Cabot Cheese warehouse; a skier at Mad River Glen; a homeowner and architect in Addison; and a bread baker at the Wayside Restaurant in Berlin.

In partnership with Vermont's businesses and communities

Below are just three of the hundreds of Efficiency Vermont partnership projects completed in 2006



Approximate annual energy savings:
511,000 kWh and \$44,000

Harbour Industries – Shelburne, VT

This high-performance cable manufacturer partnered with Efficiency Vermont to develop and implement a bold energy savings plan that resulted in both more efficient operations and an improved work environment. After a technical assessment of its facilities, Harbour weighed the possibility of just making simple lightbulb changes rather than a dramatic lighting fixture update, which would require a capital investment. The company chose the latter and installed new energy-efficient lighting fixtures, creating a cooler plant and warehouse with better-quality lighting. This change not only resulted in a more pleasant workspace for the employees, but also improved their productivity.

"Becoming more energy efficient not only makes good economic sense for us as a company, it also makes good sense for the whole state. It reduces strain on our statewide energy resources and that benefits everyone."

– Charles Peet, Plant Manager

Key Partners:

Grainger, Inc., Lighting Supplier; Delta Electric Company, Electrical Contractor



Approximate annual energy savings:
electric: \$4,300; heating: \$4,000
Total: \$8,300

Dean Hale Building – St. Johnsbury, VT

After being devastated by a fire in 2005, the Gilman Housing Trust and Efficiency Vermont partnered to resurrect this historic building. Home to Umbrella, a non-profit women's resource center; the bookstore operated by the Friends of the St. Johnsbury Athenaeum; and Quest Transportation — it is a landmark building in the heart of St. Johnsbury. With technical support and financial assistance from Efficiency Vermont, the building was outfitted with efficient lighting, air conditioners, exhaust fans, two ENERGY STAR® boilers and spray foam insulation.

"The building is incredibly energy efficient for an old structure and is definitely helping to keep us cool in the summer and warm in the winter."

– Jeff Moore, President of Quest Transportation

Key Partners:

Gilman Housing Trust, Owner; Dennis Laferriere, Contractor; Vermont Offender Work Program, Labor; St. Johnsbury Academy, Labor; Green Mountain Electric, Lighting Supplier; Pennock Refrigeration, HVAC



Goal achieved: 40,000 CFLs installed

Town of Bennington – Bennington, VT

In 2006, the Bennington Energy Committee approached Efficiency Vermont for guidance and support on a town-wide energy-saving campaign. Together, they launched the "Bennington's Bright Idea" campaign. Its goal: To reduce the amount of energy used in Bennington's homes by installing 40,000 compact fluorescent lightbulbs (CFLs).

After partnering with local retailers, working with local schools to host lightbulb fund-raisers, receiving press coverage in local, regional and national media outlets and participating in many community events such as Bennington's "Mayfest" celebration on Memorial Day weekend, Bennington successfully reached its goal and each home continues to benefit from the savings.

"It was very gratifying to have taken part in Bennington's successful CFL campaign. The significant reductions in electric usage and carbon dioxide emissions will not only cut electric bills, but help the planet. Quite an achievement!"

– Linda Putney, Bennington Energy Committee

Key Partners:

H. Greenberg & Sons, Aubuchon Hardware, Home Depot, retailers; Bennington Elementary School, Bennington Energy Committee, Town of Bennington

255 So. Champlain Street, Suite 7
Burlington, Vermont 05401-4894



toll-free 1-888-921-5990
www.efficiencyvermont.com