

<http://publicservice.vermont.gov/divisions/energy-efficiency.html>

**STATE OF VERMONT
DEPARTMENT OF PUBLIC SERVICE**



The Energy Efficiency Division of the Vermont Department of Public Service works to promote energy efficiency and renewable energy in Vermont through several forums, including regulatory, legislative, informational and educational. The program also assists other organizations in applying for Department of Energy efficiency and renewable energy grants.

In addition to the programs described above, Vermont has taken the following actions to promote the more efficient use of energy:

- ◆ **Act 152; H.0253 Establishing Energy Efficiency Standards for Certain Appliances (passed 5/06)**
- ◆ **Act 208; H.0859 The Energy Security and Reliability Act (passed 5/06)- This includes enforcement of Commercial Building Energy Standards (CBES), the creation of the Clean Energy Development Fund, etc.**
- ◆ **Act 61; S.0052 Renewable Energy, Efficiency, Transmission, and Vermont's Energy Future (passed 6/05)**

Clean Energy Development Fund: In 2005, the Vermont General Assembly established the Vermont Clean Energy Development Fund through Act 74. The purpose of the Fund is to promote the development and deployment of cost-effective and environmentally sustainable electric power resources – primarily with respect to renewable energy resources, and the use of combined heat and power technologies - for the long-term benefit of Vermont electric customers. Act 74 specifies that the Fund shall be managed to promote:

- ◆ The increased use of renewably produced electrical, thermal energy, and combined heat and power technologies in the state;
- ◆ The growth of the renewable energy-provider and combined heat and power industries in the state;
- ◆ The creation of additional employment opportunities and other economic development benefits in the state through the increased use of renewable energy and combined heat and power technologies;
- ◆ The stimulation of increased public and private sector investment in renewable energy and combined heat and power related enterprises, institutions, and projects in the state.

Sample of Vermont SEP Programs

School Energy Management Program: The purpose is to maximize the long-term benefits of Federal, State, and Local Investments by providing schools with management tools and with the support required to successfully implement effective, long-term energy management systems and practices. Since the late 70's Vermont schools have received more than \$7 million in DOE energy conservation investments.

Vermont Energy Education Program (VEEP): This program provides in-class presentations and professional development sessions, loan kits and supplies to teachers for some VEEP programs. In addition, VEEP offers Vermont teachers training, materials, and follow-up support to enable them to address science, technology, engineering, and mathematics education standards. VEEP supports Governor Douglas' proclamation to reduce greenhouse gas emissions in Vermont by helping teachers and students understand that for each

kilowatt-hour we reduce, we reduce 1.3 pounds of CO₂.

Vermont Campus Energy Group (VCEG): Continuing beyond the life of a Rebuild America grant, this program provides continued support of the promotion of energy efficiency and renewable energy projects and education on Vermont's college and university campuses.

Clean Cities Coalition: Vermont is investing \$20,000 from the SEP budget to provide funding to a contractor to operate the Vermont Clean Vehicles Coalition, which includes staff salaries for the Coordinator and outreach activities and materials.

Sample of Special Projects

BUILDINGS

Vermont High Performance Schools Implementation Project: DOE awarded \$150,000 (\$52,500 the first year) to improve the energy performance of Vermont's schools, improve energy education in Vermont's classrooms, increase stakeholder awareness of energy performance in Vermont's existing school buildings, and support efforts to improve the energy performance of school buildings throughout the state.

Energy Star Retail Centers: \$17,500 of DOE funds is being used to support "Energy Star end caps" in stores that stock and sell Energy Star labeled lighting and small appliances. These are chain hardware stores including Aubuchon, and feature enhanced merchandising of Energy Star products, primarily Energy Star labeled CFL lighting, and perhaps some small Energy Star labeled appliances such as room air conditioners and dehumidifiers.

INDUSTRIAL

Leveraging Manufacturing Productivity and Energy Efficiency Resources on a Regional Basis: DOE awarded Vermont \$6,750 to support comprehensive compressed air system audits at industrial facilities throughout the state. More specifically, these funds are being used to cover a portion of the audit fee for customers that implement a significant number the recommended measures from the audit.