

NEW HAMPSHIRE

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**NEW HAMPSHIRE INITIATIVES
SUPPORTED BY STATE ENERGY PROGRAM (SEP) FUNDS
IN COMBINATION WITH OTHER STATE AND FEDERAL
RESOURCES**



State Energy Manager

SEP funds facilitated the hiring of a State Energy Manager, a new position housed at the Department of Administrative Services. The State Energy Manager is responsible for a wide variety of energy-related activities, including improving efficiency in state buildings, identifying opportunities for savings through bundled energy billing, and implementing new state policies that promote energy efficient appliances in state facilities.

As a result of creating and filling this new position:

- ◆ 25 state agencies are recording energy invoices in a new Enterprise Energy Management System, which will aid in identifying opportunities for energy efficiency.
- ◆ Twelve agencies reduced energy consumption from FY05 to FY06.
- ◆ State agencies have purchased 55 vehicles (of a total of 56 purchased) that are Clean Fleet Policy compliant.
- ◆ Agencies have purchased 53 pieces of non-computer equipment following the Energy Star Procurement Policy. Counting computers, 1,500 pieces of Energy Star equipment have been purchased.

Building Energy Conservation Initiative

SEP funds were used to create an initiative reduce energy costs in state government facilities through the use of performance contracts with energy service companies. The program has saved over \$6.4 million in avoided energy costs since 2002 and is projected to save an additional \$5 million through 2008.

Industrial Efficiency Improvement

SEP funds allowed OEP to enter into an agreement with the NH Business Resource Center (NHBRC- the state's economic development agency) and a non-profit organization to promote energy efficiency among the business community. Through the agreement, 115 businesses in the state received energy efficiency assistance. Workshops on building shell efficiency, motor management, compressed air, building system automation, and pumps all drew 40-60 attendees, and two conferences on renewable energy drew over 110 attendees each. The partnership also led NHBRC to work with Ocean National Bank to develop a customizable low-interest loan program for companies looking to implement energy efficiency measures. New Hampshire's Industrial Efficiency Improvement program has saved over 1.4 Tbtus and \$18.7 million in avoided energy costs since 2001.

Clean Cities

OEP supported the Department of Environmental Services' Granite State Clean Cities Coalition (GSCCC) with SEP funds. The GSCCC held several information-sharing events, and partnered on the above-mentioned renewable energy conference. Of particular interest were projects that promoted biodiesel and improved its availability. These included:

- ◆ An agreement with Cranmore Mountain to purchase a storage tank for biodiesel. Cranmore has been extremely cooperative about sharing information about the performance of biodiesel in their snow grooming equipment. A primary concern for fleet managers in New Hampshire is cold-weather performance, and by running Snow Cats on the top of a ski mountain at night in the middle of winter, Cranmore has shown that this obstacle can be easily overcome.
- ◆ Efforts to provide information to state legislators on the benefits of biodiesel and alternative fuels.
- ◆ Education of state fleet managers about alternative fuels and efficient vehicles.
- ◆ Assistance to a start-up company marketing small-scale waste grease-to-biodiesel converters. The company was introduced to its first customer after making a presentation at a GSCCC meeting.

Through education, outreach, and financial support, GSCCC has displaced the use of 750,000 gallons per year of petroleum fuel with natural gas and biofuels since 2004.

Energy Planning Advisory Board

With support of SEP funds, OEP chaired meetings of the Energy Planning Advisory Board comprised of representatives of state agencies and the legislature. The Board is charged with reviewing the state's progress in implementing recommendations presented in the State Energy Plan, issued by OEP in November, 2002.

On June 6, EPAB issued its first annual report to the Governor and legislative leaders. The report laid out numerous recommendations for advancing key goals of the 2002 NH Energy Plan, among them the enactment of a Renewable Portfolio Standard. The board then directed its efforts toward convening an energy stakeholder forum to identify critical issues, challenges and opportunities with respect to state energy policy. The forum was held on June 23 in the state's Legislative Office Building and was well attended. More than 50 individuals/organizations participated in the forum, 43 of whom made presentations and/or submitted written comments. Among the topics addressed were the regional energy supplies, energy prices, energy efficiency programs, renewable energy, climate change, and the status of utility restructuring in New Hampshire.

Renewable energy

SEP funds allowed OEP staff to assist three companies with applications for USDA renewable energy grants. OEP's outreach resulted in 17 total applications to the program, compared to 0 in the previous year. Two of these projects were funded for a total of almost \$470,000, and are currently underway.

NH Energy Emergency Preparedness & Response

SEP funding has allowed OEP staff to attend several meetings and conferences related to energy emergency planning, and to revise and update the State Energy Emergency Response Plan. This work is crucial to coordinating the efforts of energy officials and first responders in the event of an energy emergency.