

Middlebury College

Project Summary

A pilot project that started at Middlebury College in 2003 has now become a full-fledged effort to incorporate VendingMiser® technology into the school's vending machines. Middlebury College has partnered with Farrell Vending, USA Technologies, and Efficiency Vermont to install a total of 30 VendingMiser control units on the college campus. VendingMiser, manufactured by USA Technologies, is a control unit that reduces energy consumption on refrigerated vending machines during times when they are not in use.

During the pilot project, Middlebury College realized a 46% decrease in electric consumption on five vending machines. Since a decrease in electrical consumption also decreases CO₂ emissions that pollute the air, Middlebury College was inspired to explore ways for wider use of the VendingMiser technology on vending machines.

Middlebury College approached Farrell Vending, their vending machine and beverage provider, on ways to expand the use of VendingMiser across campus. Tom McHugh of Farrell Vending agreed to supply VendingMiser as part of his service. Efficiency Vermont provided incentives and technical assistance to install the VendingMiser controls.

Project Facts

The challenge: To expand a pilot project that will help meet Middlebury College's goal to reduce CO₂ emissions through reduced energy consumption.

The solution: Partner with Farrell Vending to increase the number of VendingMiser units that control vending machines at Middlebury College.



1-888-921-5990
www.efficiencvermont.com

Efficiency Vermont was created by the Vermont Legislature and the Vermont Public Service Board to help all Vermonters save energy, reduce energy costs, strengthen the economy and protect Vermont's environment. Efficiency Vermont is currently operated by Vermont Energy Investment Corporation (VEIC), an independent non-profit organization under contract to the Vermont Public Service Board. VEIC is a Vermont based organization, founded in 1986.

Middlebury, VT



Project Partners

Middlebury College
Middlebury, VT
(802) 443-5326

Farrell Vending Services, Inc.
Burlington, VT
(802) 862-4104

USA Technologies
www.usatech.com
(800) 633-0340

"The College is very interested in reducing carbon emissions over time. VendingMiser technology is just simply an interface between the outlet and the machine. When you're picking a soda, you won't notice."

- Dr. Helen Young- Biology Professor

Energy efficiency upgrade costs	\$4,800
Estimated first year utility bill savings	\$5,159
Energy efficiency investment payback (after incentives paid)	About 1 year
Estimated lifetime customer savings	\$51,500