



Each vending machine, that takes advantage of the VendingMiser (shown below) can save up to \$75 a year in energy costs.



Success Stories

Vending Machines Prove to be Prosperous

The Moscow, Idaho School District was looking for a quick and easy way to begin to save energy and their facilities budget and the Avista Utility Corporation had just what they were looking for. Avista was offering VendingMiser units free of charge to communities in their service territory throughout northern Idaho and southern Washington. Avista’s program would provide new, energy-saving technology, but allow their clients to take advantage of the payback costs.

The VendingMiser, which is manufactured by Bayview Technologies, Inc., uses a customized infrared sensor that limits the energy supplied to the machine when the surrounding area is unoccupied. The machines also are equipped with smart controls that “learn” the temperature of the room, increasing the power to the machine when necessary and ensuring the products remain at an optimal temperature. Taken together, these energy-saving measures reduce maintenance costs and extend the useful life of the vending machine. Each VendingMiser saves about 1,500 kWh of electricity a year, averaging approximately \$75 a year per machine.

In 2000, Avista installed 20 units in six of Moscow’s schools. During the first six months of use, an additional 110 units were installed throughout the community. Currently, there are plans to install an additional 130-140 units. Once all of these machines are installed, Moscow, Idaho, will save about \$375,000 kWh or \$18,750 a year.