Vending Machine Controls Fact Sheet

Vending machines can often cost more in energy costs than they are able to generate from sales. Vending machines are almost always plugged into the customer's electrical outlet. The average illuminated vending machine can cost customers $400 to $500 per year in energy costs. Vending Misers are a simple, cost-effective way to reduce energy costs while still providing people with the convenience of vending machines at a facility.

Vending Misers are control devices that, when installed on vending machines, use a passive infrared occupancy sensor to power down the vending machine when the area around it is vacant. Vending Misers also monitor the surrounding temperature and automatically re-power the vending machine as needed to keep the product refrigerated.

The Sure Bet team recommends installing Vending Miser controls on all vending machines. Studies by the manufacturer have shown energy savings of 46 percent on average. The typical illuminated vending machine operates at an average of 430 Watts. There are minimal demand savings because reductions are not likely to occur during on-peak hours. The following table shows the total energy savings, cost savings, and payback associated with this recommendation.

Energy and Cost Savings from Vending Miser

	Total
Demand savings	0.058 kW
Annual energy savings	1,200 kWh
Total project cost[1]	$230
Prescriptive incentive	$50
Annual energy costs savings	$108
Payback period	1.7 years

[1] Installed cost. Material cost for a unit is approximately $179.