



sure bet program

NEVADA SURE BET PROGRAM

Offered By: Sierra Pacific Power and Nevada Power

Administered By: KEMA, Inc.

Clark County School District *Vending Machine Controls Installation*

Project Description:

Several Clark County Schools have been participating under the Sure Bet Program by installing vending machine controls on their vending machines. Vending machine controls are control devices that use passive infrared (PIR) occupancy sensors to power down the vending machine when the area around it is vacant. Vending machine controls also monitor the surrounding temperature and automatically re-power the vending machine as needed to keep the product refrigerated. In 2004, the Sure Bet Team received applications for over 100 vending machine controls for various Clark County Schools.

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

The Sure Bet Team recommends installing vending machine controls on all vending machines. Studies done by the manufacturer¹ show energy savings of 46 % on average, representing a simple payback of usually between 1 and 2 years.

Project Results:

Demand savings	0.06 kW
Annual energy savings	1,200 kWh
Annual energy cost savings	\$108.00
Total project cost ²	\$230.00
Prescriptive incentive	\$50.00
Payback period (Years)	1.7



¹ www.bayviewtech.com

² Installed cost. Material cost for a unit is approximately \$179.