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## ENERGY STAR Qualified Vending Machines Combat High Energy Costs in Utah Schools

Rising energy costs are a major concern for school districts across the country. In light of this challenge, many are trying to recoup the operating cost of appliances and other equipment.

When the Davis School District in Farmington, Utah, decided to charge its schools a fee for every beverage machine they had, many schools thought the only solution was to remove the machines to avoid the fee. But doing so put school administrators in a bind because the revenue from vending machines helps fund many school programs. Faced with this dilemma, Paul Barnes, the district's director of utility services, devised a solution, ENERGY STAR qualified vending machines.

By working with ENERGY STAR and doing his own research, Paul learned that ENERGY STAR qualified vending machines use about 40 percent less energy, and keep beverages just as cold, as non-qualified machines.

Paul asked local Pepsi distributors to provide the more energy-efficient ENERGY STAR qualified vending machines. Pepsi agreed and established a schedule for replacing the 221 machines by 2007. Each of these more efficient machines will reduce annual energy use by 1,800 kWh and save the school district nearly \$150, for an annual estimated saving of over \$33,000.

Pepsi helped Paul and the Davis School District save even more energy by programming the machines to turn off their lights on nights and weekends. All ENERGY STAR qualified vending machines have this software feature, which can cut energy use by an additional 20 percent.

Paul is extremely pleased with the results and said that "Pepsi has been exceptional and exciting to work with" on this project. He hopes that other school districts will take notice and ask their vending operators about ENERGY STAR. The change was easy and required nothing more than a simple request. "By switching to ENERGY STAR, we're saving real money, doing our part for the environment, and being responsible for the taxpayers of Davis County," Paul said.

To find out more about ENERGY STAR vending machines, visit [www.energystar.gov/vending](http://www.energystar.gov/vending) or contact EPA's Kate Lewis at [lewis.kate@epa.gov](mailto:lewis.kate@epa.gov).

For more information about other things schools can do to improve their energy efficiency, please go to [www.energystar.gov/k-12](http://www.energystar.gov/k-12) or contact EPA's Laura Helmke-Long at [helmke.laura@epa.gov](mailto:helmke.laura@epa.gov).



### **Quick Facts**

Davis School District  
**221 vending machines**

**Annual Savings:** \$33,150

**Annual Energy Savings:** 397,800 kWh