

ENERGY STAR in K-12 Schools – Good for Your Budget and the Environment

K-12 schools may obtain significant reductions in energy bills by changing purchasing policies to specify ENERGY STAR qualified products. The table below presents a typical basket of ENERGY STAR qualified products – computers, vending machines, hot food holding cabinets, and exit signs - typically found in schools. These products can save you over \$78,000 in electricity costs (based on an electricity rate of \$0.095/kWh) ⁽¹⁾ and prevent 675 tons of carbon dioxide emissions over their lifetime compared to conventional products.

Action	Annual Energy & Maintenance Savings	Annual Savings CO2 (Tons)	Net Life-Cycle Savings	Life-Cycle Savings CO2 (Tons)
For every 100 computers using ENERGY STAR power management to enable low-power sleep settings network wide:	\$4,400	35	\$15,800	140
For every 10 conventional vending machines replaced with ENERGY STAR versions:	\$2,100	17	\$22,400	240
For every hot food holding cabinet replaced with an ENERGY STAR qualified model:	\$900	7	\$6,600	86
For every 100 incandescent exit signs replaced with the ENERGY STAR LED type:	\$4,900	21	\$33,800	209
Totals	\$12,300	80	\$78,600	675

(1) Figures obtained from calculators on the Purchasing & Procurement Web page; savings have been rounded to the nearest hundred for simplicity. Calculators may be downloaded (right-click) or used from the Web (left-click). Net life-cycle savings includes energy and maintenance savings and the purchase price of ENERGY STAR qualified products and conventional ones.

To Learn More

The Purchasing and Procurement Web site (www.energystar.gov/purchasing) helps you locate ENERGY STAR products by brand and model number, understand the differences between ENERGY STAR and non-ENERGY STAR products, and determine savings with ENERGY STAR. Additional savings would result from enabling ENERGY STAR features on copiers and other office products, and using ENERGY STAR fryers, refrigerators, and freezers.

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