

ENERGY STAR in Local and State Government – Good for Your Budget and the Environment

Local and state governments may obtain significant reductions in energy bills by changing purchasing policies to specify ENERGY STAR qualified products. The table below presents a basket of ENERGY STAR qualified products – computers, vending machines, compact fluorescent lamps, and water coolers – applicable to state and local governments. These products can save you about \$792,000 in electricity costs (based on an electricity rate of \$0.103/kWh) ⁽¹⁾ and prevent 8,300 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)
Use ENERGY STAR power management to enable low-power mode on 5,000 computers ⁽²⁾	\$235,500	1,755	\$644,900	7,020
Replace 50 conventional vending machines with ENERGY STAR versions	\$9,000	67	\$95,300	941
Replace 300 incandescent lamps with CFLs	\$7,200	30	\$21,800	104
Replace 100 water coolers with ENERGY STAR versions	\$3,700	28	\$30,200	277
Totals	\$255,400	1,880	\$792,200	8,342

(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.

(2) Savings figures assume non-ENERGY STAR qualified systems do not have low-power mode enabled.

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 using ENERGY STAR food service products in cafeterias, enabling ENERGY STAR features on printers, scanners, and other office products, using Computer Power Management, and using ENERGY STAR heating and cooling equipment, water coolers, and compact fluorescent lights.

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