

# Why Buy Energy-Efficient Office Equipment?

## A Guide for Purchasing Organizations

# Advantages of Energy-Efficient Equipment

### POWER MANAGEMENT

Many New York counties already use ENERGY STAR Office equipment, in large part because NYOGS contracts require energy efficiency.

Unfortunately, the energy efficiency features of existing equipment (e.g. sleep mode on a personal computer) often are not enabled. You can easily save energy and money by enabling these features. In addition to energy and cost savings, equipment can last longer (and avoid power surge disruptions) when it is turned off at night.

ENABLING 1000 ENERGY STAR PC SYSTEMS WILL SAVE \$20,000 IN ENERGY COSTS PER YEAR – EQUIVALENT TO REMOVING HIGHWAY EMISSIONS FROM 27 CARS

- EPA Energy Savings Calculator

### RESOURCES

For more information on NYSERDA, visit [www.nyserdera.org](http://www.nyserdera.org)

For more information on U.S. EPA's ENERGY STAR program, visit [www.energystar.gov](http://www.energystar.gov) or call 1-888-STAR-YES to talk to an ENERGY STAR expert. You can also learn more about U.S. EPA's ENERGY STAR Enabling initiative by contacting Steve Ryan, ENERGY STAR program manager, at 202-564-1254 or via email at [ryan.steven@epa.gov](mailto:ryan.steven@epa.gov). Or visit [www.energystar.gov/power-management](http://www.energystar.gov/power-management).

The NYOGS website at [www.ogs.state.ny.us](http://www.ogs.state.ny.us) will provide access to NYOGS contracts and show you how to use them.

View case studies from organizations that have implemented energy efficient office equipment programs at [www.nyserdera.org/offices](http://www.nyserdera.org/offices).

## Advantages of Energy-Efficient Equipment

Office equipment can be costly to operate because it uses a significant amount of electricity. You can save dollars by buying and enabling the energy saving features of ENERGY STAR® equipment.

### Cost Savings

Your utility bill will be significantly reduced and maintenance costs can be lower by using ENERGY STAR office equipment. For example, ENERGY STAR computers typically use half the electricity of standard computers if they are enabled and turned off at night. ENERGY STAR products are less expensive than their inefficient counterparts when all costs (such as purchasing, energy, and maintenance costs) are considered over the lifetime of the equipment.

### Ease of Purchasing

ENERGY STAR compliance in your purchasing contracts.

New York State facilities, counties, and schools buy office equipment through New York State Office of General Services (NYOGS) contracts, all of which require ENERGY STAR compliance. NYOGS contracts satisfy New York State's competitive bidding requirements.

### Environmental Responsibility

ENERGY STAR equipment uses less energy and produces fewer greenhouse gas emissions, resulting in a cleaner, healthier environment. In addition, ENERGY STAR products save natural resources such as coal, oil and natural gas. The U.S. Environmental Protection Agency (EPA) estimates that the energy saved over the life of 50 high-volume ENERGY STAR copiers is equivalent to removing the annual emissions of 40 cars from the highway.

### How to Proceed

Buying or leasing ENERGY STAR equipment is easy. The **New York Energy Smart<sup>SM</sup>** Offices Program can provide information about the benefits of buying and enabling energy-efficient office products for your agencies and departments, and help your procurement staff identify, purchase, install and enable energy-efficient office equipment. Visit [www.nyserdera.org/offices](http://www.nyserdera.org/offices) for more information.

Find out if you already use ENERGY STAR office equipment and whether it is enabled. Suggest that the information technology staff visit the NYSERDA website to get assistance with the enabling process, and access software that can assist in the process. Recommend that the IT department ensures office products are ENERGY STAR.

Modify your Invitation To Bid documents to specify ENERGY STAR office equipment. If an option, use NYOGS contracts when purchasing office equipment. Have your procurement staff keep track of your cost savings from using energy-efficient office equipment so you can quantify the benefits.

Erie County saved an estimated \$60,000 in 2001, just by using energy-efficient office equipment properly. Are you ready to join them?



For more information about these services, contact NYSERDA  
toll free 1-866-NYSERDA, locally (518) 862-1090,  
or e-mail: [info@nyserdera.org](mailto:info@nyserdera.org)  
[www.nyserdera.org](http://www.nyserdera.org)

