



New ENERGY STAR® Office Equipment Specifications

Responsible Purchasing Network
Guide for Office Electronics Webcast
July 24, 2007

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Topics



- Cover ENERGY STAR basics
- Summarize new ENERGY STAR office equipment specifications
 - Office Electronics
- Outline resources ENERGY STAR provides for bulk purchasing / procurement of office electronics

Benefits of Reducing Electricity Consumption



- Improve air quality
 - *Less smog, acid rain*
- Help mitigate climate change
 - *Fewer greenhouse gas emissions*
- Improve reliability of electricity grid
 - *Fewer power outages*
- Lower energy bills
 - *Consumers, businesses, and governments save*
- National security
 - *Less dependence on foreign oil*
 - *Reduced price volatility*

Reducing Electricity with ENERGY STAR



- ENERGY STAR is a government-backed program dedicated to helping individuals protect the environment through superior energy efficiency
- Products that have earned the ENERGY STAR meet strict energy-efficiency guidelines set by the US Environmental Protection Agency and the US Department of Energy
- These products not only cut customers' energy costs, but also help protect the environment
- Saving energy reduces the burning of fossil fuels, which leads to less air pollution and ultimately reduces global warming

ENERGY STAR Product Specifications



Specification Development Cycle



New Office Equipment Specs Represent Shift to Active Power



- To date, office equipment specifications have focused on standby power and power management
- New specifications continue to address low power modes but now include efficiency requirements when products are on – result is significantly more savings

New 2007 Office Equipment Specs



- Two revised specifications effective now cover all office equipment
 - **Computer Specification – requirements included in EPEAT** – covers desktops, notebooks, workstations, desktop derived servers
 - **Imaging Equipment Specification** covers copiers, fax machines, mailing machines, multifunction devices, printers, scanners
- New specifications shift focus to overall energy use and not only standby power
- Both require that external power adapters are ENERGY STAR qualified as well



New Imaging Equipment Spec



- Two Approaches:
 - Typical Electricity Consumption (TEC)
 - Looks at **full duty cycle** for **standard-sized EP copiers, multifunction devices, and printers**
 - Metric is typical weekly electricity a product might use in all modes
 - Operational Mode (OM)
 - Focuses energy consumption in various low-power modes (i.e., sleep and standby) for products such as ink jets and large format devices



Bulk Purchasing Resources



Barriers	Solutions
Knowledge	Fact Sheets Key Product Criteria
Availability	Qualified Products (QP) lists
Cost	Product Savings Calculators Utility Incentives/Rebates
Complexity	Direct Support ENERGY STAR as liaison Sample Procurement Language

Summary



- energystar.gov/products
- energystar.gov/purchasing

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