

RPN Green Office Electronics and Computers Webinar

November 19, 2009



Vincent Kitira

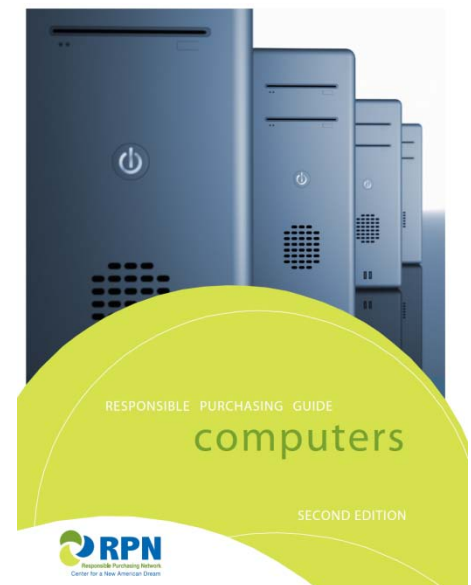
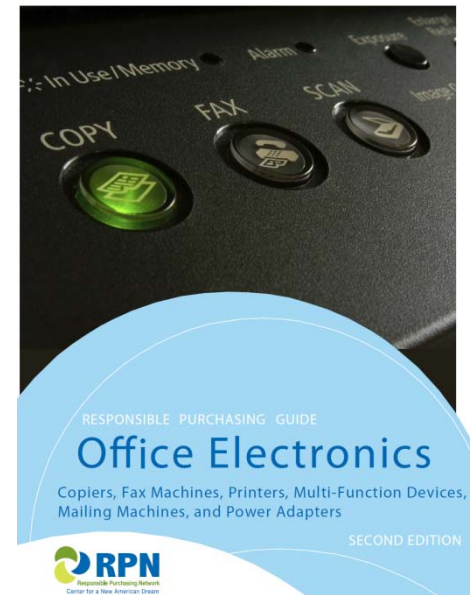
RPN Manager

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Overview

- Updates to RPN Office Electronics Purchasing Guide
- Updates to RPN Computers Purchasing Guide
- Best Practices!



Office Electronics and Computers Guide Updates

- New Policies, Specifications, Standards
- Updated obsolete data
- E-waste disposal



New Electronics Standards

- **ENERGY STAR 5.0** (effective July 2009)
- **EcoLogo CCD-035: Office Machines** (effective March 2009)
- **EPEAT for Imaging Equipment in Development**
- **ClimateCounts Electronics Scorecard**



New Electronics Policies

- The White House, Executive Order 13514, 2009
- Arizona, ENERGY STAR Policy, 2008
- Colorado, Environmentally Preferable Purchasing Policy, 2009
- Illinois, Senate Bill 2313, Electronic Recycling and Reuse Act, 2008
- Illinois, Executive Order 11, 2009
- Indiana, Executive Order 05-21, 2005
- Michigan, Executive Directive, 2005
- New Jersey, Electronic Waste Recycling Act, A-3572/SCS, 2008
- San Francisco, CA, Mayor's Directive, 2005



New Electronics Specifications

- State of Michigan, Master Contract for the Lease of Output Services and Limited Services, 2009
- State of Minnesota, Multi-Functional Devices, 2008

- New York City, Minimum Standards for Goods, 2007
- Seattle, WA, RFP for Multi-Functional Devices, 2009



New Computer Standards

- E-Waste Management: EPA Responsible Recycling (R2) Practices
- Green Guide for Health Care (GGHC)
- STARS for Universities Operations (OP) Credit 10: Computer Purchasing if there is a stated preference for certified EPEAT Gold or Silver products.
- LEED for Existing Buildings MR Credit 2: Sustainable Purchasing – Durable Goods
- EPEAT Goes International!



New Computer Policies

- The White House, Executive Order 13514, 2009
- New York, Computer Standards, 2008
- City of San Francisco, California, IT Policy, 2009



New Computer Specifications

- State of Ohio, IT Standard, 2008
- Green Electronics Council, EPEAT Recommended Contract Language
- Social Justice Clause, Responsible Purchasing Network, 2009



The Value of Eco-Labels

- **EPEAT**: Released in 2007 with 0 Gold products. Today, there are 495 Gold products (more than 1/3 of total EPEAT registered products)
- **ClimateCounts**: All companies improved!

	Apple	Nokia	Dell	Siemens	Sam-sung	Hitachi	Motorola	HP	Sony
2007	2	29	41	34	33	36	60	59	51
2008	11	37	49	51	51	51	66	68	68
2009	52	66	57	64	56	59	67	79	62



BEST PRACTICES

10 Step Program

- Step 1: Form a Team
- Step 2: Gather Baseline Data
- **Step 3: Choose the Best Equipment Mix**
- Step 4: Decide on Acquisition Method
- Step 5: Set Goals
- Step 6: Adopt a Policy
- Step 7: Evaluate Standards and Specs
- **Step 8: Improve Practices**
- Step 9: Measure Progress
- Step 10: Report Success and Award Efforts



Step 3: Choose the Best Equipment Mix

- **Buy Remanufactured Toner and Inkjet Cartridges- Save \$\$\$**
- No More Analog Machines
- Reduce Inkjet Printing
- Connect Printers and Copiers to Computer Networks
- Use Color Only When Necessary
- Explore Multifunction Devices (MFDs)
- Consider Remanufactured Equipment



Step 8: Improve Practices

- Buying is first step. Usage is next!
- General Tenets:
 - Manage as much information as possible electronically
 - Print only what is necessary at the lowest cost and using devices with the lowest environmental and health impacts
 - Store printed documents to be easily found instead of reprinted



Make Duplexing Mandatory!

- Save up to 40% on paper costs - use the extra money to buy 100% recycled paper
- Set up the equipment
 - First, work with IT dept. to set all printers to “double-sided”
 - Then, do the same with copiers. “Two-sided” to “Two-sided is an effective default mode
- Train Staff
 - Explain that single-sided is still available
 - Pre-printed letterheads need to be fed



Examine Printing Needs and Workflows

- Switch to Electronic Workflows
- Reduce the Number of Printed Documents
- Change the way Printed Documents are Used
- File Paper Documents Better



Contact Information

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Thank You!

e-Stewards



- Run by Basel Action Network
- 3rd Party e-waste standard
- Will be launched in early 2010. Standard available since July 2009
- Ban international exports
- Multi-stakeholder Standard Development





Join RPN

Because Every Purchase Matters.

Membership Benefits:

- ▶ **Model policies and specifications**
- ▶ **Green purchasing webinars**
- ▶ **Certified green products database**
- ▶ **Expert sustainability speakers**
- ▶ **Responsible Purchasing Awards**

Consulting Services:

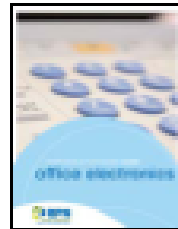
- ▶ **Custom green specifications**
- ▶ **Green purchasing policies**
- ▶ **Life Cycle Analyses**
- ▶ **Green office audits**
- ▶ **Cost-saving green practices**



“RPN provided us with the data analysis demonstrating the long-term, positive environmental effects made by shifting to more responsibly made products.”

*Perry Plumart, Deputy Director, Green the Capitol Office,
U.S. House of Representatives. Office of Greening the Capitol*

RPN's series of Responsible Purchasing Guides includes best practices, policies, specs, standards, case studies, calculators, group contracts, and green product lists for:



- ▶ Carbon offsets
 - ▶ Cleaners
 - ▶ Computers
 - ▶ Drinking water
 - ▶ Faith organizations
 - ▶ Fleet vehicles
 - ▶ Fluorescent lighting
 - ▶ Food services
 - ▶ Graffiti remover
 - ▶ LED lighting
 - ▶ Office electronics
 - ▶ Office paper
 - ▶ Paint
 - ▶ Renewable energy
 - ▶ Tires & wheel weights
 - ▶ Toner cartridges
- ... and more coming soon

For membership inquiries & consulting rates,
please contact:

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Membership and Consulting Available

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