

STANDARDIZING AROUND ENERGY STAR AND EPEAT OFFICE ELECTRONICS



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Policy Backdrop

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- Energy Policy
- Climate Action Plan
- Sustainable Procurement Policy
- Green Building Policy
- Toxics Reduction, Healthy Purchasing Initiative
- City Code (Environmentally Preferable Purchasing section)
 - ▣ Purchase ENERGY STAR products
- Current Energy Efficiency Goal:
 - ▣ Reduce energy use 2 percent annually from FY06-7



The Players

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- IT Department = Sets IT standards and purchases computers, laptops, tablets, desktop printers, monitors
- Printing & Distribution (P&D) Department = standardizes & purchases multi-function devices
- Facilities Department = pays the electricity bills, monitors energy use, and is point for reducing energy use
- Procurement Department = point for implementing sustainable procurement policy, tracking progress



Pre-2011 Status

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- IT buying ENERGY STAR for most products, some EPEAT
- ENERGY STAR or EPEAT not called out in IT's technology standards
- P&D buying ENERGY STAR, but no formal standards



Connecting the Dots

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- 2011 - City pursuit of LEED EBOM for 15-story office building
 - MR 2.1 – Electronics Purchasing

- LEED EBOM effort led by Facilities Department >> brings players to the table

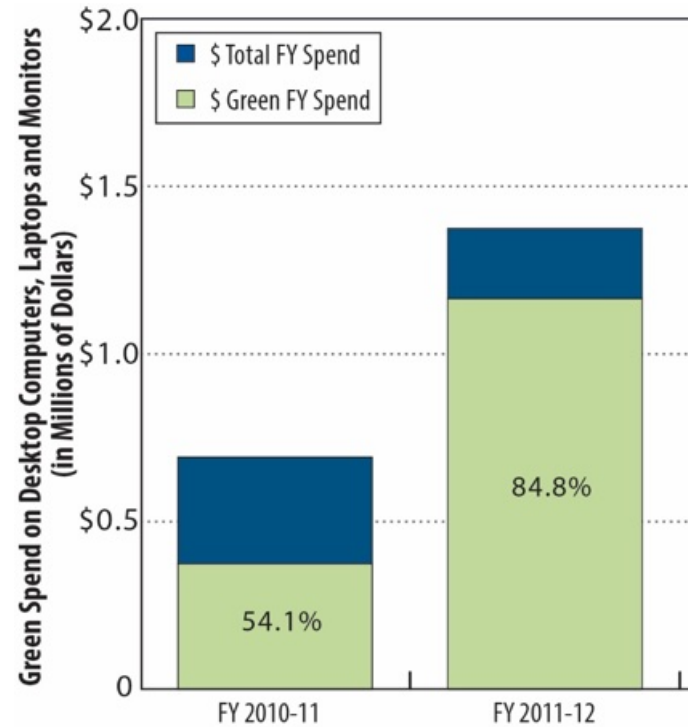
- KEY TAKE-AWAY = we need to prove we are walking our talk



Project Specific Results

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- IT folds ENERGY STAR & EPEAT into their technology standards
 - ▣ ENERGY STAR – all products must meet most recent standard
 - ▣ EPEAT Silver or higher for desktops, monitors, laptops
- Less formal commitment from P&D
- Procurement learns how to report on IT & P&D purchases
- City earns MR 2.1 credit, with exemplary performance



Challenges

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- Getting the right people in the room
- Understanding and working within department processes
- Ensuring energy-efficient features are enabled
- Data collection



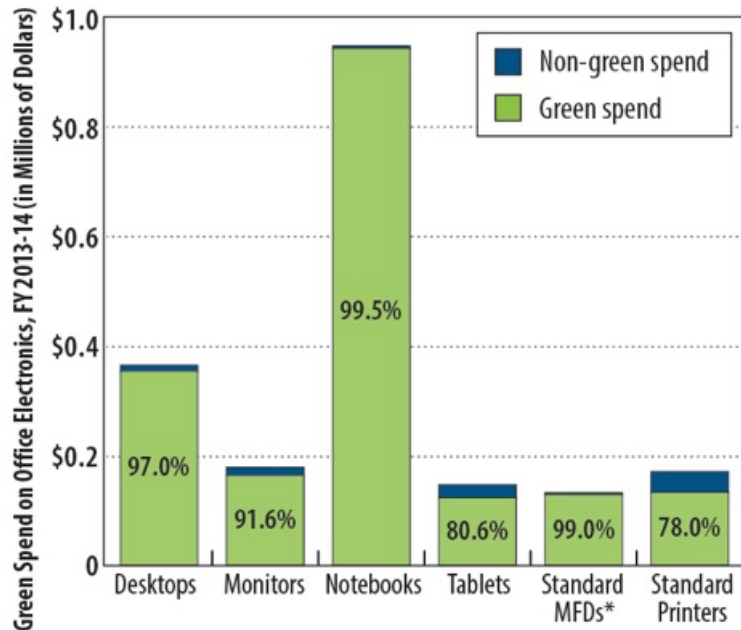
Ongoing Benefits

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- Open lines of communication
 - Ongoing cooperation for updates (e.g. EPEAT for imaging equipment)
- Reporting helps us walk our talk
- Meet multiple policy goals
 - Reduce energy use
 - Reduce electricity costs
 - GHG emissions reduction
 - Sustainable procurement
 - Green building practices

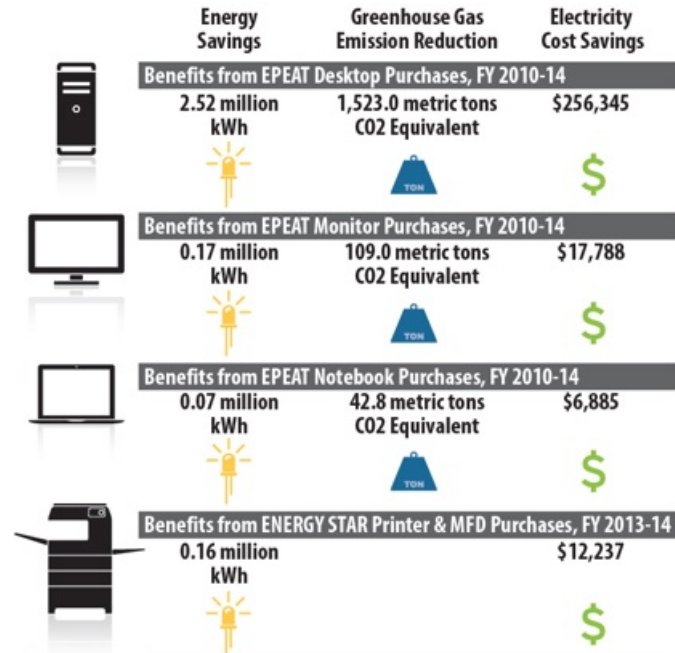


Ongoing Benefits



Green Spend includes products that are ENERGY STAR qualified (with ENERGY STAR features enabled) or EPEAT registered.

* MFD = Multi-Function Devices



For Computers, Monitors, Notebooks: Benefits calculated using the EPA's Electronics Environmental Benefits Calculator (EEBC) version 3.1. Benefits represent those expected over the lifetime of the product.

For MFDs and Printers: Benefits calculated using the ENERGY STAR Savings Calculator for Office Equipment, updated December 2014. Benefits represent those expected over the lifetime of the product. FY 2013-14 was the first year spend data was calculated for MFDs and Printers.



What's Next

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- Keep updating the IT standards
- Conflict minerals?



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Thank you

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www.portlandoregon.gov/buygreen



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