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EPEAT
Defining and Promoting "Green" Computers

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Agenda

- What is EPEAT?

- Why is EPEAT necessary?

- Who is using EPEAT?

- What can you do?

- Where can you get more information?

What is EPEAT©?

An easy-to-use tool to help organizations buy greener desktops, laptops and monitors

What is EPEAT©?

1) Set of voluntary environmental performance criteria (IEEE 1680 American National Standard for the Environmental Assessment of Personal Computer Products)

2) System for identifying and verifying products meeting the criteria (www.epeat.net)

What is EPEAT©?

Environmental Performance Categories:

- Reduce/Eliminate Environmentally Sensitive Materials

- Materials Selection

- Design for End of Life

- Product Longevity/Life Cycle Extension

What is EPEAT©?

Environmental Performance Categories:

(Continued)

- Energy Conservation
- End of Life Management (take back)
- Corporate Performance
- Packaging

What is EPEAT©?

EPEAT Bronze– Meets the 23 mandatory criteria

EPEAT Silver– Meets 23 mandatory criteria and at least 14 optional criteria

EPEAT Gold– Meets 23 mandatory criteria and at least 21 optional criteria
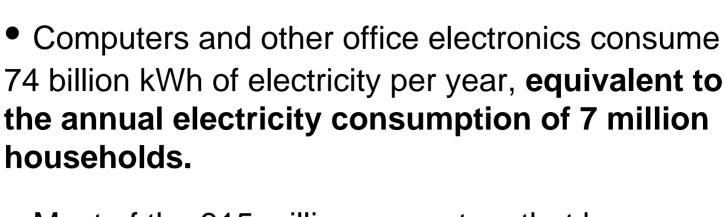
Why is EPEAT© Necessary?

- Promote product design changes that reduce environmental and health impact of electronics throughout the life cycle.

- Growing demand by institutional purchasers for easy to use tool to compare and select "green" products.

- Manufacturers' need for clear, consistent procurement criteria.

Why is EPEAT© Necessary?

- Computers and other office electronics consume 74 billion kWh of electricity per year, **equivalent to the annual electricity consumption of 7 million households.**

- Most of the 315 million computers that became obsolete from 1997 to 2004 ended up in landfills

  ➢ 1.2 billion pounds of lead

  ➢ 2 million pounds of cadmium

  ➢ 400,000 pounds of mercury

  ➢ 1.2 million pounds of hexavalent chromium

What will EPEAT Contribute?

Estimated reductions associated with EPEAT purchases from 2005-2011:

- ➢ 10 million pounds of hazardous materials

- ➢ 2.4 million pounds of non-hazardous materials

- ➢ 480,000 MWh of energy

- ➢ $39.2 million in savings

Who is Using EPEAT© ?

Current EPEAT Users
(As of June 1, 2006)

Dept. of Defense, Army	$5.0B
Dept. of Homeland Security	6.0B
Dept. of Energy	0.4B
Veterans Administration	4.2B
EPA	0.2B
Dept. of Interior	0.2B
NASA SEWP IV	5.6B
State of Massachusetts	0.06B
Total	**$21.66B+**

What can you do?

- Work with state agencies to put EPEAT requirements into RFPs, RFIs, RFQs, and contracts.

- Promote EPEAT generally with industry and local government purchases

Where Can I Get More Info?

- EPEAT Website www.epeat.net

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