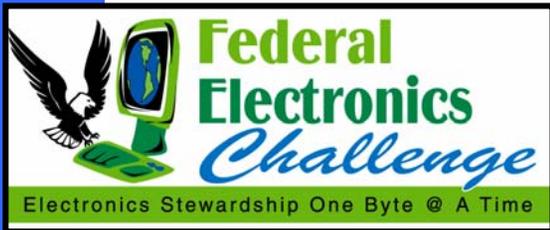


Using the Federal Electronics Challenge to Meet Electronics Stewardship Goals



1st Annual Federal Environmental Symposium West
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U.S. Environmental Protection Agency

What is the Federal Electronics Challenge?

- The Federal Electronics Challenge (FEC) is a partnership program that assists federal agencies and facilities to:
 - Purchase greener electronic products
 - Reduce impacts of electronic products during use
 - Manage obsolete electronics in an environmentally safe way

The FEC helps federal agencies and facilities meet their federal electronics stewardship requirements



FEC Program Goals for 2010

- 95% of eligible electronic equipment purchased or leased annually by FEC Partners is EPEAT™-registered
- 100% of eligible computers and monitors in operation at FEC Partner facilities have ENERGY STAR® features enabled
- Electronic equipment in operation at FEC Partner facilities have an average life span of at least four years
- 100% percent of non-reusable electronic equipment disposed of by FEC Partner facilities is recycled using environmentally sound management



Partnering for Electronics Stewardship

Federal agencies and facilities: The FEC:

- Voluntarily participate as Agency or Facility Partners
 - Select the life cycle phase(s) on which to focus
 - Report annually
- Provides Partners with resources and technical assistance
 - Awards annual recognition to qualifying Partners
 - Collaborates to provide best management practices

Current Partners

- Department of Agriculture
- Department of Commerce
- Department of Defense
- Department of Energy
- Department of Health and Human Services
- Department of Homeland Security
- Department of Interior
- Department of Justice
- Department of Labor
- Department of the Treasury
- Department of Transportation
- Department of Veterans Affairs
- Environmental Protection Agency
- Executive Office of the President
- General Services Administration
- United States Postal Service

186 Facility Partners representing over 644,000 employees from the sixteen agencies listed above, as well as the State, SSA, and NASA



Benefits to FEC Partners

- Meets federal requirements
- Supports progress for the OMB Environmental Stewardship Scorecard
- Free resources
- Educational training and feedback
- Technical assistance
- Networking opportunities and knowledge-sharing
- National recognition from the Office of the Federal Environmental Executive

FEC Resources

- Regional Champions
- Technical Assistance Network
- Web Site and Guidance Documents
- Monthly Partner Education Calls
- Partner Listserve
- Annual Conference

FEC Partner Requirements

Agency Partners:

- Register
- Sign Pledge
- Specify list of Facility Partners
- Submit Awards Application (annually, optional)

Facility Partners:

- Register
- Complete Baseline Survey of Current Practices
- Submit Annual Reporting Form (annually)
- Submit Awards Application (annually, optional)

Register

- Provides general information which is stored in FEC's Administrative Database
- Includes Facility Partner Pledge
- Submitted through a Web-based form
- Adobe Acrobat file available for use as a worksheet
- <http://www.federalelectronicschallenge.net/pledge.htm>

Welcome Message

- Registrants receive a welcome message via email to their point of contact
 - Contact information for their Regional Champion
 - Link to FEC Resources Web page
 - Information about the listserve
 - Reminder to complete the Baseline Survey, links to Web pages
 - Password for Member Services
 - Information about the next Partner Call

Baseline Survey of Current Practices

- Provides a comprehensive look at current practices and helps identify areas for improvement
- Due within six weeks of registration
- Submitted online through Member Services
- Word, Adobe Acrobat files available for use as worksheets
- Must complete and submit **once**
- <http://www.federalelectronicschallenge.net/baseline.htm>

Annual Reporting

- Helps the FEC measure progress against the FEC national goals and calculate the environmental benefits of Partner activities
- Demonstrates progress from year to year
- Due on January 31 for previous fiscal year
- Submitted online through Member Services
- Word, Adobe Acrobat files available for use as worksheets
- Must complete and submit **each year**
- <http://www.federalelectronicschallenge.net/report.htm>

FY2007 Annual Reporting Results

2010 Goals for FEC Partners	FY2007 FEC Partner Reporting Results*
95% of computers purchased are EPEAT™ Bronze-registered	80% of computer desktops, laptops and monitors purchased or leased were EPEAT™ Bronze, Silver or Gold-registered
100% of computers have 4-year life span	71% of computers have at least a 4-year life span, with a weighted average life span of 47 months
ENERGY STAR® features enabled on 100% of computer monitors	86% of monitors and 69% of computers had ENERGY STAR® features enabled
100% of non-reusable computers are recycled in environmentally sound manner	99% of non-reusable computers were recycled in environmentally sound manner

*62 FEC Facility Partner Annual Reporting Forms were received for FY2007.



FY2007 Environmental Benefits

Environmental Benefit	Achievement	Equivalent to
Energy savings	210,087 MWh	Electricity to power 18,526 U.S. households for one year
Primary material savings	137,924,463 kg	Weight of 1,069,182 refrigerators
Air emission savings, including Greenhouse gas emission savings	860,262,620 kg 16,434,339 kg of carbon equivalent (CE)	860,263 metric tons Removing 13,043 passenger cars from the road for one year
Water emission savings	1,801,668 kg	1,802 metric tons
Toxic material savings	10,634 kg	Weight of 5,317 bricks
Municipal solid waste savings	1,935,477 kg	Solid waste generated by 1,002 U.S. households in one year
Hazardous waste savings	831,262 kg	Weight of 415,631 bricks
Cost savings	\$18.2 million	



Annual Awards

- Annual awards recognize Facility Partners that have completed specific electronics stewardship activities
- Not mandatory, but highly encouraged
- Three, progressively challenging award levels (Bronze, Silver, Gold)
- Due on January 31 for previous calendar year
- Submitted online through Member Services
- Word, Adobe Acrobat files available for use as worksheets
- May be completed and submitted **each year**
- <http://www.federalelectronicschallenge.net/recognition/>



2008 FEC Awards

- Two Gold Level Award Recipients
 - DHS, Transportation Security Administration
 - EPA, Region 8
- Ten Silver Level Award Recipients
 - From USDA (1), DOE (2), DHS (1), DOJ (3), and EPA (3)
- Eighteen Bronze Level Award Recipients
 - From DoD (1), DOE (5), DHS (1), DOJ (8), DVA (1), EPA (1), and NASA (1)
- Six Agency Award Recipients
 - DoD, DOE, DHS, DOJ, Treasury, EPA

Join the Challenge!

- Federal agencies, please contact Cate Berard directly
- Federal facilities, please visit <http://www.federalelectronicschallenge.net/pledge.htm>



Other Electronics Stewardship Sessions

■ Today

- 10:30-12:00, Breakout Session 1.5, Meeting the EPEAT Goal
- 12:00-1:30, FEC Awards Ceremony (during lunch)
- 1:45-3:15, Breakout Session 1.6, Meeting the End-of-Life Goal
- 3:30-5:00, Breakout Session 1.7, Agency and Facility Success Stories

■ Tomorrow

- 8:30-10:00, Breakout Session 1.8, Meeting the Power Management Goal

For More Information

- <http://www.federalelectronicschallenge.net>

- **Cate Berard**

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