



Award Winning Energy Management Programs

2011 ENERGY STAR Partner of Year Award Winners

Monthly Partner Web Conference
April 27, 2011

Call-in number: 866 299 3188
Conference Code 202 343 9965#

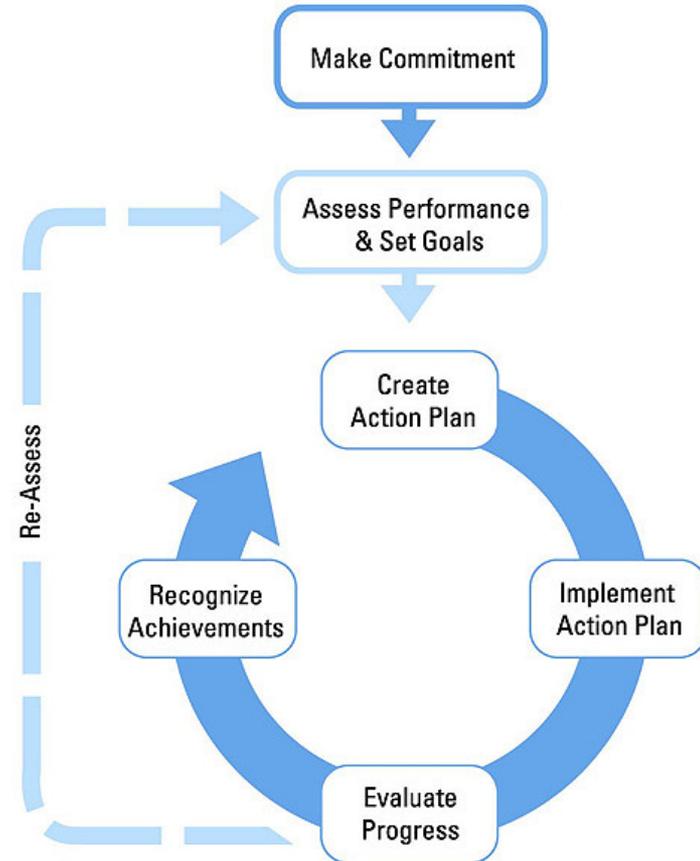


Learn more at energystar.gov

About The Web Conferences



- Monthly
- Topics are structured on a strategic approach to energy management
- Help you continually improve energy performance
- Opportunity to share ideas with others
- Slides are a starting point for discussion
- Open & interactive



Web Conference Tips



- Mute – To improve sound quality, all phones will be muted.
- Use # 6 to un-mute and * 6 – to mute
- Presentation slides will be sent by email to all participants following the web conference.

Recognizing Performance



- Facility Level
 - ENERGY STAR Certification
 - ENERGY STAR Challenge for Industry
- Portfolio-Wide Improvement
 - ENERGY STAR Leaders
- Organizational Management & Leadership
 - Partner of Year Award



ENERGY STAR POY



Awards Categories

- Energy Management
- Service & Product Providers
- Energy Efficiency Program Delivery

Award Distinction

- Partner of the Year
- Corporate Commitment
- Sustained Excellence



Partner of Year Award



Energy Management Award

Recognizes:

- Performance & Savings
- Quality of the Energy Program
- Leadership in sector
- Involvement with ENERGY STAR
- Use of ENERGY STAR Resources



2011 Award Winners



Sustained Excellence – Energy Management:

- 3M
- ArcelorMittal
- Bentall Kennedy
- CalPortland Company
- CB Richard Ellis
- Food Lion, LLC
- Ford Motor Company
- Gresham-Barlow School District
- Hines
- J. C. Penney Company, Inc.
- Merck & Co., Inc.
- NewYork-Presbyterian Hospital
- PepsiCo, Inc.
- Raytheon Company
- Saint-Gobain
- Sunoco, Inc.
- TIAA-CREF
- Toyota Motor Engineering & Manufacturing North America, Inc.
- TRANSWESTERN
- USAA Real Estate Company

Partner of Year – Energy Management:

- Citi
- Evergreen Public Schools
- Hanesbrands Inc.
- HEI Hotels & Resorts
- John B. Sanfilippo & Sons, Inc.
- Jones Lang LaSalle
- Kohl's Department Stores
- Loudoun County Public Schools
- Nissan North America, Inc.
- The Boeing Company
- Wells Real Estate Funds



www.energystar.gov/awards

Today's Web Conference



- Bob Valair, Staples
- Keith Warner, The Boeing Company
- Announcements



STAPLES

that was easy.™



Staples Energy Management

Achieving ENERGY STAR Recognition

Bob Valair

Director of Energy and Environmental Management

Agenda

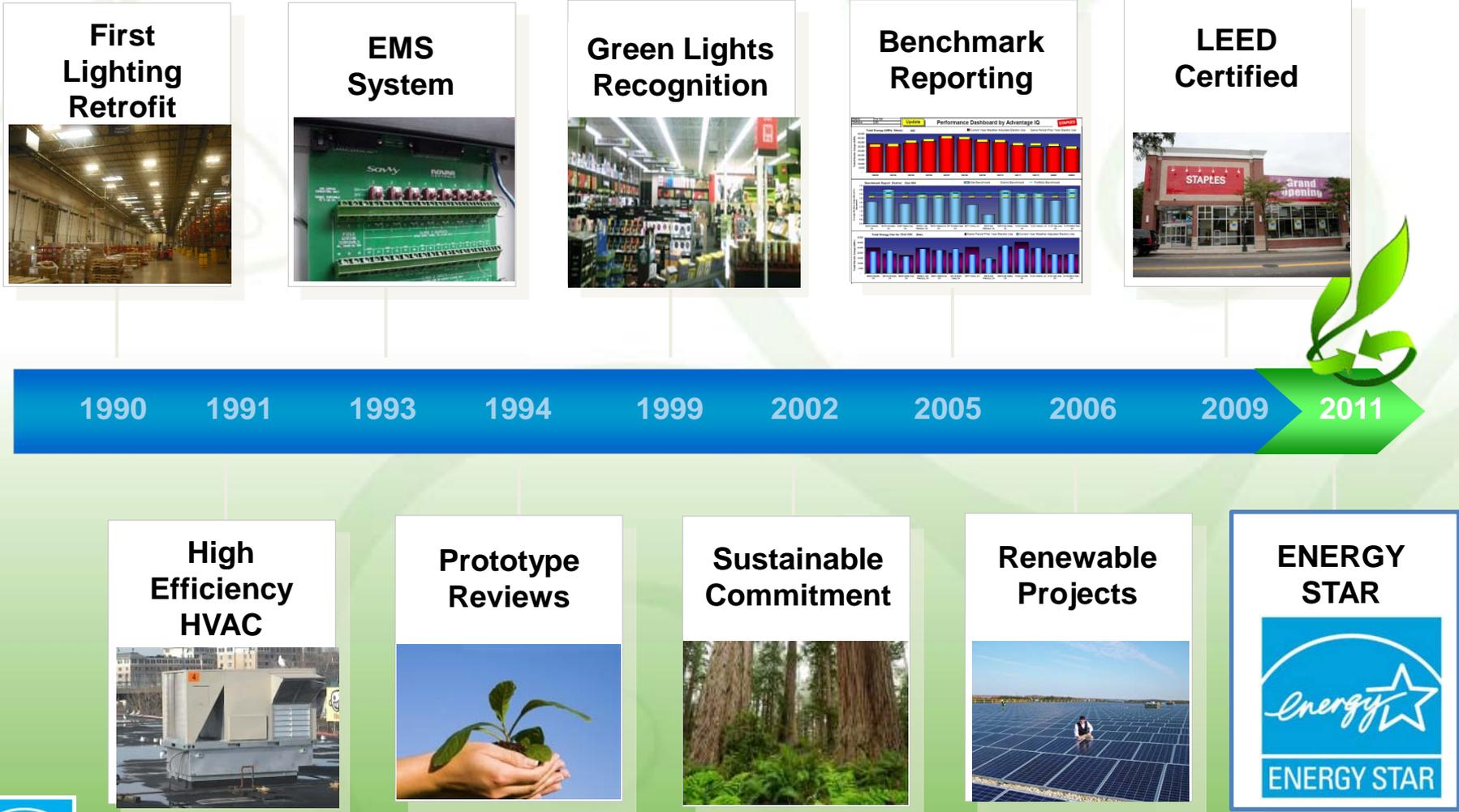
- Staples Introduction and Energy Management Journey
- Staples Energy Management Partnership ENERGY STAR
 - Benchmarking with Portfolio Manager
 - Culture of Employee Engagement
 - Energy Reduction Projects – Operational and Capital
 - Leveraging the ENERGY STAR program
- Achieving ENERGY STAR Partner of the Year
 - Priorities
 - Lessons Learned
- Summary ENERGY STAR Partnership Benefits



Staples Inc.



Staples Energy Management Journey

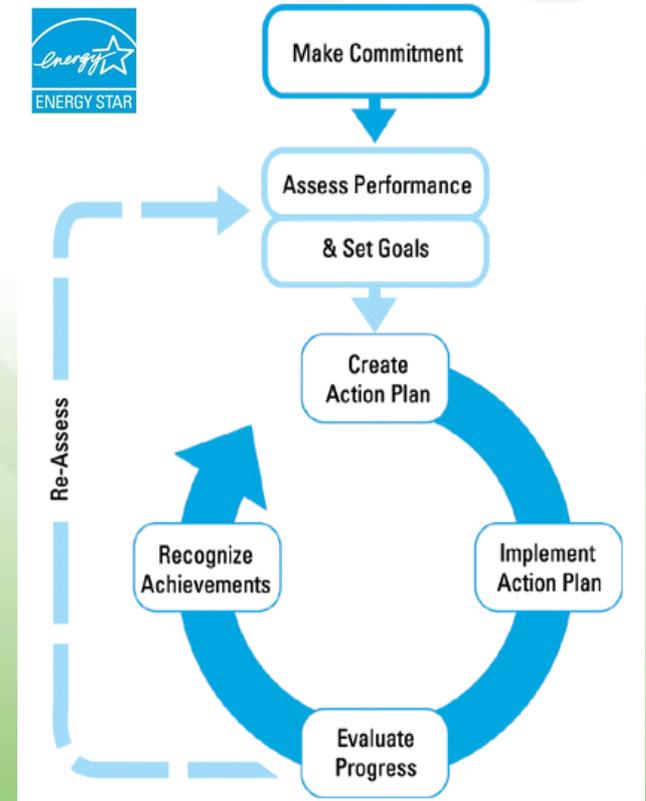


2011 ENERGY STAR Recognition



Approach to Energy Conservation

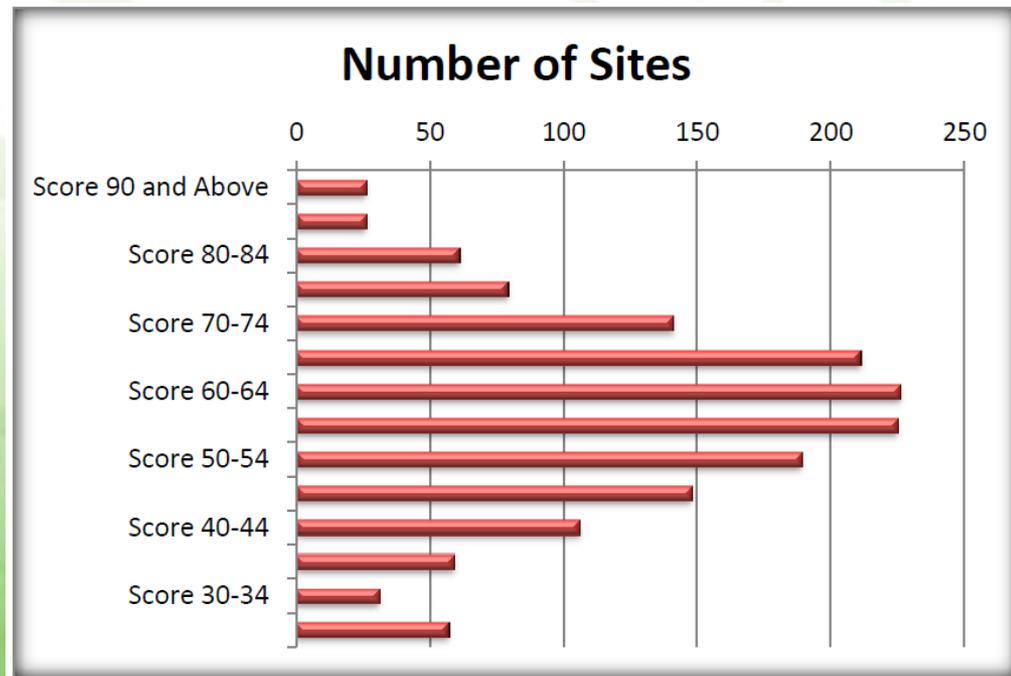
“the greenest kWh is the one you conserve”



Benchmarking with ENERGY STAR

- Outsourced bill payment and data collection early
- Started using Portfolio Manager in 2007, fully embraced in 2009:
 - Simple to understand
 - External comparison
 - All building types (stores, warehouses, data centers, offices)
- Importance of automated benchmarking

Portfolio Averages	
Baseline Rating: 48 Facilities Included: 1635	Current Rating: 63 Facilities Included: 1570
Change from Baseline: Portfolio Adjusted Percent Energy Use (%): -14.9% Facilities Included: 1606	
Averages are weighted by Total Floor Space. More about Baselines More about Change from Baseline: Adjusted Energy Use	



Culture of Employee Engagement



Bring Your **GREEN TO WORK** with ENERGY STAR®



Driving Energy Reductions



- LEAN Six Sigma Black Belt Projects
- Lighting Retrofits Projects
- Energy Management Systems
- HVAC Replacements
- Recommissioning



Achieving the ENERGY STAR Partner of the Year



- Make a Goal – Top-Level
 - ENERGY STAR sites
 - Improvement → Challenge
- Building a Winning Team – Internal and External
- Leverage the Resources of ENERGY STAR
 - Technical
 - Branding/Communications
- Celebrate the Successes and Carry the Message Forward



The Road Ahead with ENERGY STAR

- 500 ENERGY STAR awards by end of 2012
 - Investment strategies
 - Operational focus
- Achieving the 20% Portfolio-Wide Reduction Leaders Target
- Fully Leverage the Branding and Customer Education Benefits



Why Does Staples Partner with ENERGY STAR?



Portfolio Averages	
Baseline Rating: 45 Facilities Included: 1547	Current Rating: 61 Facilities Included: 1538
Change from Baseline: Portfolio Adjusted Percent Energy Use (%): -13.7% Facilities Included: 1558	
Averages are weighted by Total Floor Space. View About Statistics More about Change from Baseline Adjusted Energy Use	



- Portfolio Manager Benchmarking
- Resources for Program Management - *FREE*
 - Recognizable Brand Gives Credibility
 - Bring Your Green to Work
 - Best Practices
 - Go to energystar.gov site
- Strategic Assistance
 - Program Recognition
 - Communications
 - Customer Education





The Boeing Company



ENERGY STAR Partners Meeting

2011 April Web Conference

Energy Management Program

Keith Warner
Corporate Energy Manager
April 27, 2011

The Boeing Company

Overview



- World's largest, most diversified aerospace company
- Design, assemble and support commercial jetliners, defense systems, satellites and launch vehicles
- Customers in more than 90 countries
 - Total revenue in 2010: \$64.3 billion
 - 70% of commercial airplane revenue historically from customers outside the United States
- Manufacturing, service and technology partnerships with companies around the world
- 157,000 employees across the U.S. and in 70 countries
- 87M square feet total floor space enterprise-wide

Partnering Worldwide for Mutual Growth and Prosperity

ENERGY STAR Partner of the Year

“This achievement is a testament to the innovation and creativity of the entire Boeing team, which simultaneously cut our energy usage, reduced our facilities' environmental footprint and drove improvements in our business performance. We are proud of our teams' efforts. This is a great honor for Boeing—one that will motivate us to keep improving our energy efficiency and reducing our environmental footprint even further.”

W. J. McNerney
Chairman, President and CEO
The Boeing Company



Life Cycle Environmental Footprint Reduction

- Minimizing manufacturing waste
- Conserving energy and water
- Reducing emissions



- Reducing emissions
- Minimizing noise
- Reducing fuel consumption

**Innovative
Environmental
Solutions**

- Stewardship, conservation and life cycle strategies



- Remarketing
- Reclaiming materials
- Recycling

2012 Environmental Targets

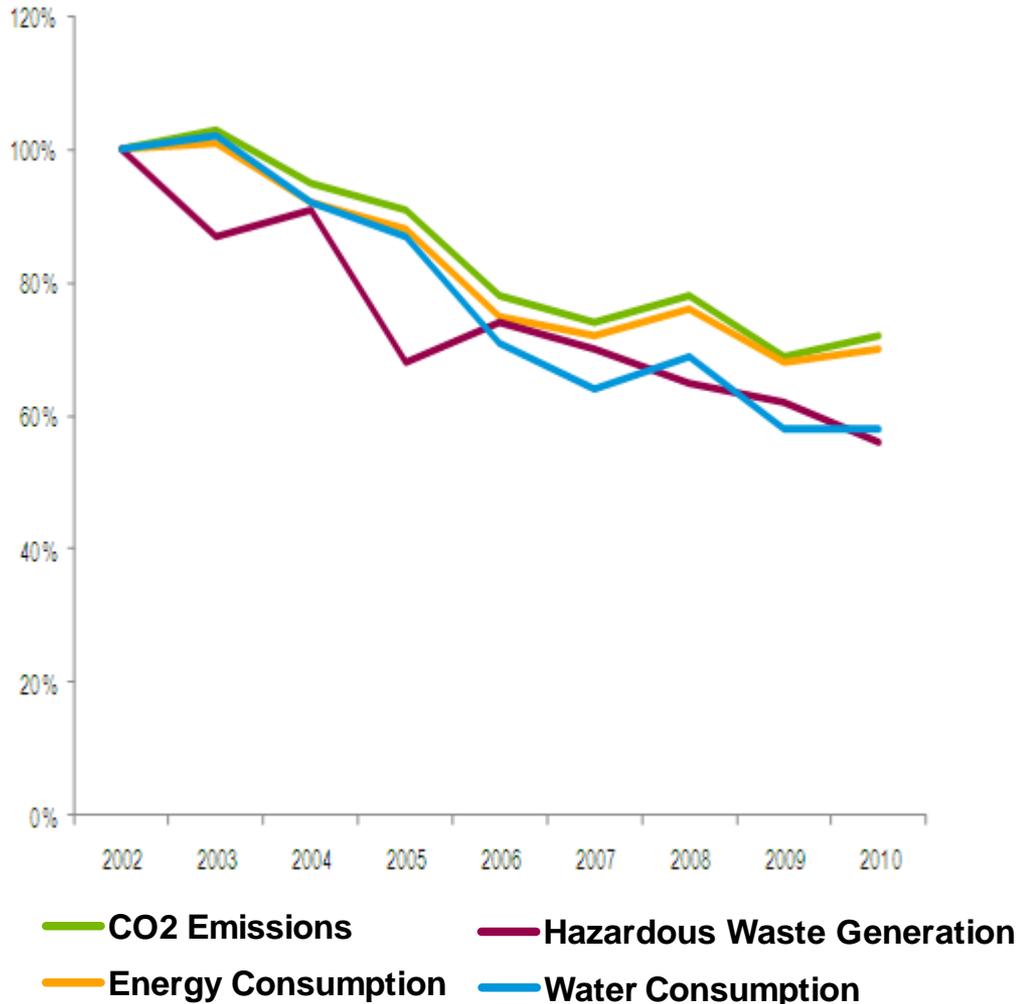
- Energy consumption*
- Greenhouse gas emissions*
- Water consumption*
- Hazardous waste*
- Solid waste recycling

25%
Improvement
Over 5 Years

* Revenue-adjusted basis



Making Steady Progress *Smaller Environmental Footprint**

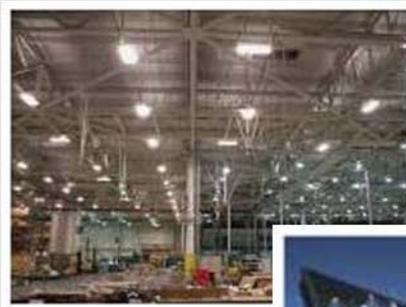


*Major U.S. facilities on revenue-adjusted basis

Conservation Initiative Focus Areas



Alternative
Commuting



Energy
Conservation

Renewable Energy



Sustainable
Site & Bldg
Design

Fleet
Management



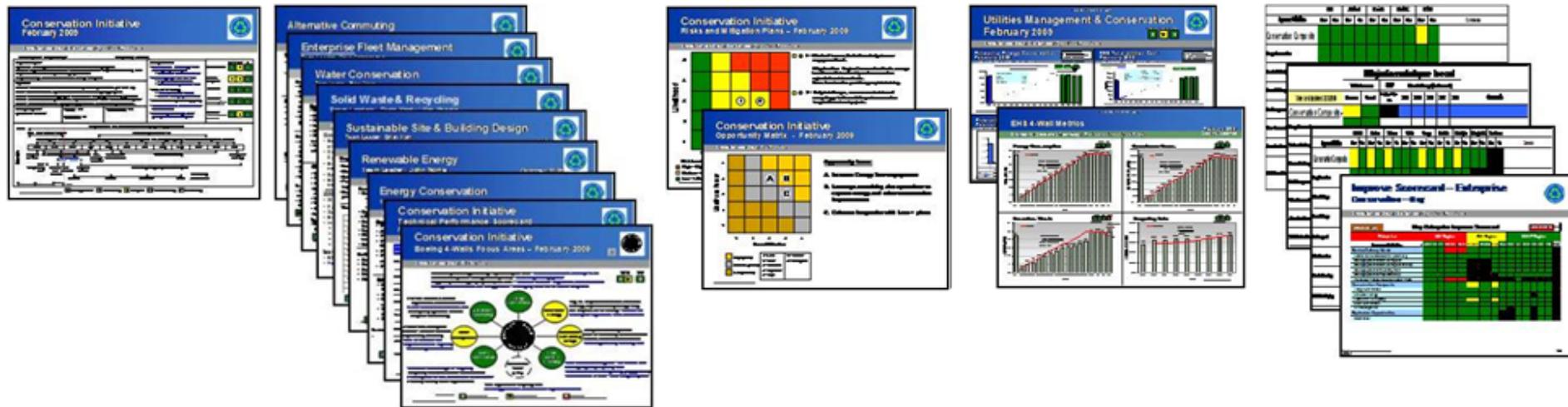
Water
Conservation



Solid Waste
& Recycling

Embedding Conservation Culture in Service Delivery Processes

Conservation Initiative Enterprise Program Management



- Master schedule and composite project plate
- Reported to SSG / EHS
- Focus Area status
- Rolled up from site Improve Performance to Focus Area 4-squares to Enterprise summary
- Reported to SSG / EHS
- Risks
- Opportunities
- PTP metrics for current performance
- SSG Utilities Mgmt Composite
- EHS 4-Wall Metrics
- Improve Scorecard for future performance
- Roll Up – Sites, Regions and Enterprise

Integrated Management System for Monthly Reporting – SSG and EHS

Lean Energy Assessments



- 62 Site-wide events since 2002
- Lean Assessment Focus Areas
 - Lighting
 - HVAC
 - Water
 - Employee Awareness



Energy Efficiency Infrastructure Investments



Building envelope improvements



Updated building energy management sub-metering and control systems



Standard efficient lighting systems



Mechanical systems optimization with high efficiency motors and drives

Improved maintenance of compressed air leaks

Building systems and equipment re-commissioning

ENERGY STAR and LEED Facilities Certified and In-Process -- US Domestic



Kent

Bldg 18-26
LEED-NC Gold
11/2009



Portland

Bldg 85-001 Expansion



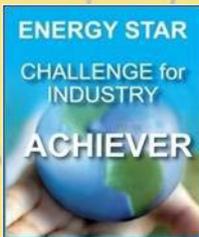
Chicago

Corporate HQ
ENERGY STAR 5/2010
LEED-EB O&M



Philadelphia

H47 Factory Mod
Bldg 86-310



El Segundo

Bldg S-30/31



Long Beach

Bldg 800 10/2009, 10/2010; Bldg 801 7/2010
ENERGY STAR "Challenge for Industry"
Douglas Center & C-17 West Airport Facility



St. Louis

Bldg 270



Washington, D.C.

New Office Bldg



Houston

Bldg 91-051 Bay Area Blvd
ENERGY STAR 11/2008, 10/2010
LEED-EB O&M Gold 11/2009
Bldg 91-014 ENERGY STAR 9/2010



Charleston

Final Assembly Bldg
Welcome Center
Delivery Center
Hub Facility
Site Support Bldg
Interiors Resp Center

 Certified

 Planned

Internal & External Energy Conservation Awards

Energy Star Pledge Contest Wichita – Site Winner Celebrations



Thank you, Steve Gill and Bryan Kury for joining our celebration!!!
- The Wichita Green Team



Boeing receives International Energy Management Award



Boeing recognized for Data Center energy-efficiency improvements



Boeing recognized for Data Center energy-efficiency improvements

Last month, Boeing received Honorable Mention for energy improvements in airflow technology at Uptime Institute's 2010 Green Enterprise IT conference in New York City.

The project teamed Shared Services' Site Services and EO&T's Information Technology (IT) at the Data Center in Kent, Wash. – one of Boeing's three enterprise data facilities – to significantly reduce the center's energy consumption and improve operational reliability.



Employee Engagement through Green Teams



Shared Services Group
Site Services



Boeing News Now

Search This Site Monday, April 04, 2011

- Home
- FAQs
- Utilities & Conservation Blog
- How to Conserve
- Recycling
- Local Energy Websites
- Conservation Initiative
- Policies & Procedures
- Contacts
- Suggestion Box
- Tools & Resources
- Environment, Health and Safety
- Print This Page

Utilities Management & Conservation



Boeing Named 2011 Energy Star Partner of the Year

Boeing is receiving an ENERGY STAR Partner of the Year award from the U.S. Environmental Protection Agency for its ongoing commitment to protecting the environment through energy efficiency. [Full Story](#)



Conservation Award recipients inspire innovation and savings

Teams from across the company recently were recognized with Conservation Awards for improvements that drive financial performance and productivity benefits while reducing Boeing's environmental footprint. The [27 projects](#) reduced the company's energy and water usage and increased recycling rates, saving Boeing about \$13.3 million annually. "These awards recognize the commitment and outstanding work achieved to embed a conservation culture into daily operations at Boeing," said Jeff Nunn, [Shared Services Group Conservation Initiative](#) program manager.

continues to be a priority for Boeing. And we are demonstrating our commitment through action. [more >>](#)

ECO-ENTHUSIASM

Entries sought for 2010 Conservation Awards

- Green Meetings
- Environmental Events
- EnviroBlog
- Environment Presentation
- Environment Report
- Article Archive
- Suggestions



Boeing suppliers step up to sustainability

- Boeing Portland sets pace with 'Natural Step'
- Company grant promotes commitment to environment

Depletion of our planet's finite oil, gas, and mineral deposits, global warming due to greenhouse gases, industrial waste and availability of fresh water, to name a few, are issues that have far-reaching implications for current and future generations. Are private companies concerned about environmental

sustainability issues such as these? Boeing and several of its suppliers say "yes!"

Boeing Portland hosted 30 suppliers at a June 17 workshop in Portland, Ore., to encourage sustainability in business operations. The Natural Step, a non-profit organization that promotes understanding, competence strategic planning and action towards sustainability, facilitated the workshop. It was the first of several events planned as the result of a grant from Boeing Global Corporate Citizenship to The Natural Step organization.

"Not only will these supplier companies become more competitive and sustainable, research shows that they also have a lead function in greening their local communities," said Herbert Lust, Global Corporate Citizenship strategic programs director.

Boeing considers sustainability part of its broader business strategy. "The company has set some aggressive performance objectives for sustainability," said Steve Mason, senior manager, Environment, Health and Safety. "As part of our strategy to meet those objectives, we are working together with our suppliers to better understand sustainability and the process for transforming ourselves. Together, we can then learn, apply and share our best practices to reduce our impact."

Citizen Boeing



Did You Know?

Green Team wins 2009 Conservation Award

The Huntsville Site Recycling Green Team designed an impressive recycling program that



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Boeing Named ENERGY STAR® Partner of the Year

Companies: Boeing Company (The) Common Stock
Topics: Industrial Goods

Press Release Source: Boeing On Monday March 21, 2011, 11:00 am EDT

CHICAGO, March 21, 2011 /PRNewswire/ - Boeing (NYSE:BA - News) will receive an ENERGY STAR® Partner of the Year award from the Environmental Protection Agency (EPA) for its ongoing commitment to protecting the environment through energy efficiency.

Boeing is among 40 ENERGY STAR Partners of the Year - including 15 from the industrial category - that will be honored by the EPA during an awards ceremony on April 12 in Washington, D.C.

Symbol	Price	Change
BA	73.73	-0.28

Boeing's robust energy management program is a national model," said Elizabeth Craig, acting director of EPA's Office of Atmospheric Programs. "Effective energy management not only helps the bottom line, but it also is our most cost-effective climate strategy."

Boeing received the award after demonstrating an ongoing commitment to effective energy-management practices; enterprise-wide reduction in energy consumption; and employee engagement and awareness activities. The award honors Boeing for embedding energy conservation practices into all sustaining operations and using common tools, plans and performance metrics to drive improvements.

Boeing Chairman, President and CEO Jim McNerney credited employees. "This achievement is a testament to the innovation and creativity of the entire Boeing team, which simultaneously cut our energy usage, reduced our facilities' environmental footprint and drove improvements in our business performance. We are proud of our teams' efforts. This is a great honor for Boeing—one that will motivate us to keep improving our energy efficiency and reducing our environmental footprint even further."

Boeing (NYSE:BA) Named ENERGY STAR® Partner

Categories: Stocks

Posted on 22 March 2011 by Spike Marshall

Tweet
Boeing (NYSE:BA) has been named an ENERGY STAR® Partner of the Year.

Boeing (NYSE:BA) Named ENERGY STAR® Partner

Boeing (NYSE:BA) will be honored with the ENERGY STAR® Partner of the Year Award for its ongoing commitment to environment protection through energy efficiency.

Boeing (NYSE:BA) was named in the list along with 40 ENERGY STAR Partners of the year. The award will be given by the Environmental Protection Agency (EPA) during an award ceremony on April 12.





Boeing News Now

Employees celebrate ENERGY STAR label for Boeing Corporate Offices

Employees in Chicago this week celebrated the latest Boeing facility to receive the ENERGY STAR label for energy conservation and improvement activities. Boeing Chief Technology Officer and Senior Vice President of Engineering, Operations & Technology John Tracy congratulated employees who worked together to achieve the honor with property management firm CB Richard Ellis. "By focusing on improving our environmental performance, we are not only supporting the environment, but also enhancing our business performance," Tracy said. Conservation improvements focused on lighting, building controls and energy-management systems to reduce energy consumption and cost. Companywide energy conservation efforts have cut Boeing's energy bill by \$170 million since 2002. Boeing is a corporate partner with ENERGY STAR, a U.S. Environmental Protection Agency program that promotes energy-efficient products and practices.

indiatimes

Boeing Headquarters Building Earns EPA's ENERGY STAR®

Improvements to the Chicago building's automation and lighting systems and increased awareness helped to improve the building's environmental performance by reducing energy consumption and costs. Two other Boeing facilities have received the ENERGY...

FULL ARTICLE AT PR NEWSWIRE

Boeing headquarters receives EPA's Energy Star

CHICAGO, ILLINOIS (BNO NEWS) -- Boeing on Wednesday announced that its headquarters, in Chicago, Illinois earned the U.S. Environmental Protection Agency's (EPA's) Energy Star.

The headquarters is managed by CB Richard Ellis, and by earning the Energy Star, the national program for protecting the environment through superior energy efficiency, the Boeing headquarters official in the top 25 percent of similar facilities nationwide for energy efficiency.

Improvements to the Chicago building's automation and lighting systems and increased awareness to improve the building's environmental performance by reducing energy consumption and costs.

Two other Boeing facilities have previously received the Energy Star, the Bay Area Boulevard building in Houston, Texas in 2008 and the Douglas Center in Long Beach, California, in 2009.

"Boeing is pleased to accept EPA's Energy Star in recognition of our energy efficiency efforts," said Bell, executive vice president, corporate president and chief financial officer. "Boeing is dedicated to environmental stewardship and recognizes its responsibility to create a sustainable future for all stakeholders and the communities in which we work and live."

Participation as an Energy Star Industrial Partner has been a key factor in Boeing's energy-management improvements. Being an Industrial Partner with Energy Star since 1997. Since 2002, on a revenue-adjusted basis, Boeing has reduced CO2 emissions by 31 percent and energy consumption by 32 percent U.S. facilities.

FINANCIAL

Boeing Headquarters Building Earns EPA's ENERGY STAR

02/07/2010 14:21 (10 Day 10:24 Investor) (4)

The FINANCIAL - Boeing (NYSE: BA) headquarters, in downtown Chicago, which is managed by CB Richard Ellis has earned the U.S. Environmental Protection Agency's (EPA's) ENERGY STAR, the national symbol for protecting the environment through superior energy efficiency.

This signifies that the building performs in the top 25 percent of similar facilities nationwide for energy efficiency.

"Boeing is pleased to accept EPA's ENERGY STAR in recognition of our energy efficiency efforts," said James Bell, executive vice president, corporate president and chief financial officer. "Boeing is dedicated to being an industry leader committed to environmental stewardship and recognizes its responsibility to create a better, sustainable future for all stakeholders and the communities in which we work and live."

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Home for November 17, 2010

S&S: Boeing News Now

Boeing earns ENERGY STAR 'Challenge for Industry' in Long Beach

Two Boeing facilities in Long Beach, Calif., the Douglas Center Complex and the West Airport C-17 production facility, have been recognized by the U.S. Environmental Protection Agency for meeting the ENERGY STAR Challenge for Industry.

The ENERGY STAR Challenge is a national call-to-action to improve the energy efficiency of America's commercial and industrial buildings by 10 percent, or higher. The Challenge for Industry recognizes industrial sites that improve their energy efficiency by 10 percent within five years.

"We commend these teams for reaching a new industry standard to conserve resources and support Boeing cost and productivity goals," said John Crull, acting Conservation program manager in Shared Services. "Our ongoing partnership with ENERGY STAR helps to engage employees throughout the enterprise to work toward cost-saving and energy efficiency improvements."

Boeing is one of nine companies to achieve the Challenge and has earned one of seventeen recognitions from the EPA.



Boeing's Chicago HQ earns ENERGY STAR

Boeing, the American aerospace company, earns the EPA's ENERGY STAR for efficiency in its Chicago headquarters

Laura Clapper | Thu Jul 22, 2010

TAQIS: EA, carbon emissions, Energy Efficiency, Energy Star, EPA, greenhouse gases



Boeing's Chicago headquarters has earned an ENERGY STAR from the Environmental Protection Agency for energy efficiency. Managed by CB Richard Ellis, the building is more energy efficient than 75 percent of similar buildings around the US.

"Boeing is pleased to accept EPA's ENERGY STAR in recognition of our energy efficiency efforts," said James Bell, executive vice president, corporate president and chief financial officer in a statement. "Boeing is dedicated to being an industry leader committed to environmental stewardship and recognizes its responsibility to create a better, sustainable future for all stakeholders and the communities in which we work and live."

Boeing's headquarters tests automated lighting systems which reduce its energy consumption and costs. The Chicago headquarters follows facilities in Houston and Long Beach that have earned ENERGY STARs. Boeing has been a partner of ENERGY STAR for over 13 years. As a result of this partnership this company has reduced its carbon emissions by 31 percent and its consumption of energy by 32 percent.

"Improving the energy efficiency of our nation's buildings is critical to protecting our environment," said Jean Lapinack, Chief of the ENERGY STAR Commercial & Industrial Branch in a statement. "From the boiler room to the board room, organizations are leading the way by making their buildings more efficient and earning EPA's ENERGY STAR."

ENERGY STAR buildings use 35 percent less energy and release 35 percent less carbon dioxide than standard buildings. The EPA created ENERGY STAR almost twenty years ago as a voluntary partnership to reduce carbon emissions and encourage energy efficiency. Since its inception, the ENERGY STAR label is prominent on everything from buildings to appliances.

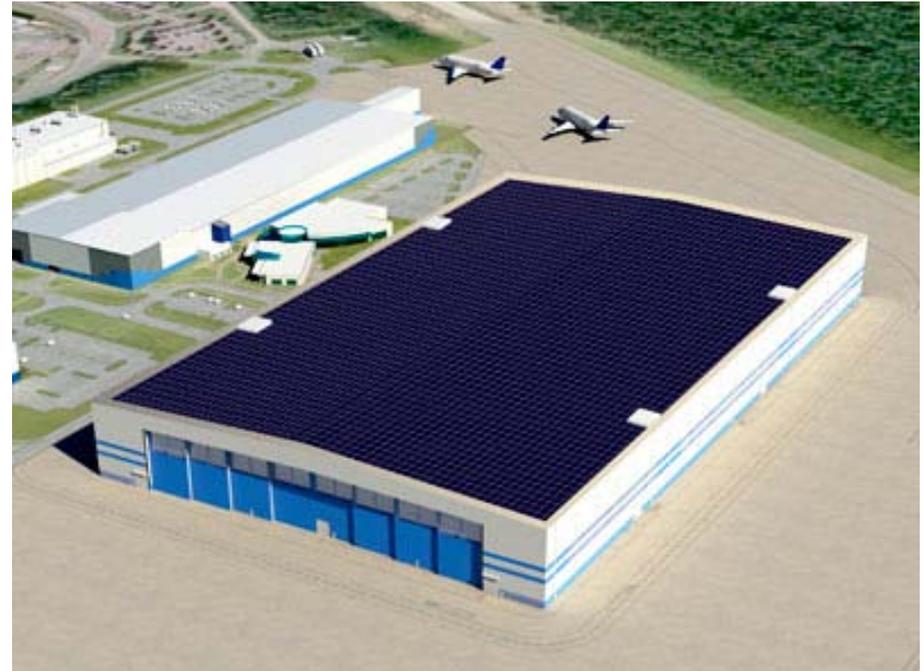


compressed air system that supports the manufacturing and dehumidify the paint hanger during paint prep

to be responsible stewards in our community but also help to C-17 program manager. "Environmental improvements such as

Boeing South Carolina 787 Facility Environmental Leader

- Thin film solar on final assembly building roof
- Balance of site load from biomass
- Site is zero waste to landfill





Questions & Discussion

Upcoming Web Conferences



June – Smart Grid Update

July – Cool Energy Savings

Register online at:

energystar.webex.com/meetings

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- Thank you