

U.S. Department of Energy Sustainability Performance Office DOE Sustainability SPOTlight

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SUSTAINABILITY NEWS

Three Sites win EPA Federal Green Challenge Awards

DOE's National Renewable Energy Laboratory (NREL), Brookhaven National Laboratory (BNL), and East Tennessee Technology Park (ETTP) were all recognized by EPA's Federal Green Challenge for their 2012 accomplishments. NREL won a national award for Improvement in Purchasing for their Green Cleaning Plan, which uses 100 percent bio-based cleaning products. BNL and ETTP each won regional awards for Purchasing and Water & Innovation, respectively.

For full recaps of the programs which won these awards visit: <http://www.epa.gov/fgc/awards/index.html>

PPPL Receives Top Environmental Award from New Jersey

The Princeton Plasma Physics Laboratory out performed over 750 New Jersey companies, universities, hospitals, and municipalities to be recognized as the top facility in the state for environmental stewardship. The Department of Environmental Protection (NJDEP) announced the award in May after PPPL met 20 of the 21 stewardship categories, the only group to do so.

"The Princeton Plasma Physics Laboratory, long a leader in the area of fusion energy research, is also a leader in the area of being a good steward of the environment," NJDEP Commissioner Bob Martin said.

<http://www.pppl.gov/news/2013/05/nj-dep-recognizes-pppl-state%E2%80%99s-top-environmental-steward>

WIPP Recognized for Environmental Leadership

The Waste Isolation Pilot Plant (WIPP) was joined by just two other organizations to be recognized by the New Mexico Environment Department (NMED) with Green Zia Environmental Leadership Program Gold Level membership for excellence. NMED Secretary Ryan Flynn congratulated WIPP employees for their commitment to the environment and commended the site for improving recycling programs and reducing the use of water, electricity and petroleum products. WIPP also won a Bronze Level Leader award in 2010 and a Silver Level Leader in 2011.

For more information on the award, and a full list of WIPP employees who made it possible, visit: <http://energy.gov/em/articles/new-mexico-environment-department-presents-wipp-its-highest-recognition-environmental>.

Y-12 Recognized for Commuting

NNSA's Y-12 was recognized by the Better Workplaces for Commuters organization as having met the National Standard of Excellence. The site's 4/10 work schedule, established in 2005, provided a significant contribution to the award. Y-12's Sustainability and Stewardship group, led by Jan Jackson, estimates that Y-12's compressed work week prevents more than 190,000 vehicle miles traveled each week and eliminates roughly 4,500 tons of greenhouse gas emissions each year.

To read the official press release, visit: <http://www.y12.doe.gov/news/press-releases/icymi-y-12-earns-national-best-workplaces-commuters-designation>

SUSTAINABILITY SUPERSTAR



PPPL Director Stewart Payer (left) with NJDEP Assistant Commissioner Wolfgang Skacel

PPPL led by example and earned the distinction as the top environmental steward in the state of New Jersey.

Keep up the good work!

Send us your champion!



Y-12's Durand Carmany, director of Projects, Sustainability and Facilities



FY 2013 DOE Sustainability Awards — The new FY 2013 DOE Sustainability Awards database is now open!

Visit http://sustainability.energy.gov/2013_doe_sustainability_awards.html to view awards information and nominate exemplary people and projects. Nominations are due June 28th, and winners will be recognized in the Fall of 2013.

UPCOMING EVENTS AND MILESTONES



(Click to view SPO Calendar) ↑

Courses, Webinars, and Events

[June 6: Rethinking O&M For Green Buildings](#)

[June 10 :Incorporating Emergency Preparedness and Hazard Mitigation into Adaptation Plans](#)

[June 11: Climate Adaptation Support Tools](#)

[June 18: DCPro Tool Training](#)

[June 28: DOE Sustainability Award Nominations Due](#)

ON-DEMAND TRAINING

Certifications

[GSA-Sponsored LEED Training Certification for Federal Employees](#)

Financing

[ESPCs for Small Sites](#)

[UESCs and Energy Project Funds](#)

Buildings

[Commissioning for Federal Facilities](#)

[Operations, Maintenance, and Commissioning](#)

[Implementing Deep Retrofits](#)

Water

[Water Efficiency Planning and Implementation](#)

Data Centers

[Data Center Efficiency to ASHRAE Thermal Guidelines](#)

[Labs, Data Centers and High-Tech Facilities](#)

Greenhouse Gas Reporting

[Federal GHG Accounting and Reporting](#)

Sustainable Acquisition

[Energy-Efficient Product Procurement](#)

SUSTAINABILITY NEWS

DOE Issues NEPA Quarterly Lessons Learned

DOE recently released its *National Environmental Policy Act Lessons Learned* quarterly report, incorporating recent guidance from the Council on Environmental Quality and Advisory Council on Historic Preservation. The report aims to promote better integration of NEPA and Section 106 reviews and highlights the Federal Highway Administration's Every Day Counts initiative to better integrate planning and NEPA. To view the report, visit <http://energy.gov/nepa/downloads/lessons-learned-quarterly-report-june-2013>.

SUCCESS STORIES

Portsmouth Recycles Millions of Pounds of Metal

DOE and Fluor-B&W Portsmouth recently recycled more than 4 million pounds of steel, aluminum, and copper during demolition at the Portsmouth site. The material was diverted from landfills, and saved the site \$7 million in disposal costs.



A condenser at Portsmouth being removed for recycling.

The material was primarily derived from ten synchronous condensers, each weighing up to 200 tons. When the plant was operational, the condensers regulated power at the X-533 Switchyard, which supplied electricity to the X-333 Process Building uranium enrichment processes.

The condensers were dismantled and cleared for release before being accepted by a local recycling company.

<http://energy.gov/em/articles/site-recycles-millions-pounds-metal>

BNL Achieves Two Green Building Successes

The National Synchronous Light Source-II (NSLS-II) building recently received LEED Gold certification. One unique design feature is a cooling system designed to operate at a slightly higher temperature than usual. This innovation saves 1.2 megawatts by using a cooling tower instead of mechanical refrigeration for virtually all of the equipment cooling requirements. For more info on the features of NSLS-II, visit: <http://www.bnl.gov/newsroom/news.php?a=11506>.

The Interdisciplinary Science Building (ISB) opened in April 2013, and is expected to achieve LEED Gold certification following an integrated sustainable design process. The 87,700-square-foot facility contains offices, 60 standard laboratories, and four specialty labs where researchers from different scientific specialties can collaborate to address energy challenges. Compared to benchmark laboratory designs, the ISB uses 55 percent less potable water and 37 percent less energy, which contributes toward an overall cost avoidance of 29 percent. For more on the ISB, visit: <http://www.bnl.gov/newsroom/news.php?a=11523>.



BNL's NSLS-II and ISB-I facilities



Check out CEQ's latest GreenGov Leader newsletter: <http://go.usa.gov/g8yT>



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