

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

Issue 3 November 2011



## Performance Awards

### 2011 DOE Sustainability Awards

DOE presented the first annual DOE Sustainability Awards on November 3rd. The awards recognize teams and individuals at DOE sites and field offices for outstanding contributions to DOE's sustainability including accomplishments in managing pollution, waste, energy, water, and vehicle fleets. For more information visit: <http://www1.eere.energy.gov/sustainability/awards.html>.

### You Have The Power—Energy Champion

Christopher Evans leads initiatives to identify energy and water-saving opportunities at Sandia National Laboratories. Chris helped the two locations develop innovative projects that achieve annual savings of 260 billion Btu, 40 million gallons of water, and \$1.7 million in costs. Chris also worked on several high profile sustainability initiatives that benefit the entire Federal government, including the development of the Energy Independence and Security Act of 2007 (EISA) Section 432 guidance for identifying energy and water efficiency measures in covered facilities; the EISA Compliance Tracking System; and the Federal Energy Management Program greenhouse gas (GHG) reporting tool used by all agencies to submit their annual GHG inventories.



## DOE Success Stories

### Cooling Computers at FermiLab

FermiLab is realizing significant water savings after replacing cooling equipment at the Feynman Computing Center of over one million gallons per year. The Recovery Act funded project switched from water-cooled chillers to air-cooled chillers. The new AC units are 30 ton air-cooled, downflow, semi-hermetic compressor systems. The project increased the cooling capacity in the computer room which allowed for consolidation and reduced the square footage. The new units have modern, engineered attributes that allow more efficient operations than the previous older generation units. The project also provides increased modularity for data center flexibility. More information is available at: <http://www.fnal.gov/recovery/projects/GIP.html>.

## Send Us Your Ideas

Help create DOE's Sustainability logo! Submit your proposed logo mock-up to [sustainability@hq.doe.gov](mailto:sustainability@hq.doe.gov) by December 2nd.

## Sustainability Superstar

Nate Campus developed an evaluation process that influenced NETL management to reduce their already lean fleet. Contact Nate at [nathan.campus@netl.doe.gov](mailto:nathan.campus@netl.doe.gov).



*Send us your champion!*

## Did You Know?

Beginning in 2012, common light bulbs sold in the U.S. will typically use about 25% to 80% less energy. <http://www.energysavers.gov/>

## Upcoming Events and Milestones

Nov. 10 and 17: Federal Green Challenge Webinars

Nov. 11: Observance of Veterans Day  
*Thank you for your service!*

Nov. 23: FAST closes for data entry

Nov. 24: Thanksgiving Day

Nov. 29-Dec. 2 (FYI): Behavior, Energy, and Climate Change Conference  
<http://www.becccconference.org/>

Dec. 1: PPTRS closes for data entry

Dec. 6: *From Awareness to Action*, The USDA BioPreferred® Seminars <http://www.energyworkshops.org/BioPreferredAwarenessToAction/>

Dec. 9: Consolidated Energy Data Report (CEDR) due

## Federal Green Challenge

You are invited to join upcoming webinars to learn how to get involved in the 2011 GreenGov award-winning **Federal Green Challenge**, a national EPA partnership and recognition challenge launched in coordination with GSA. The Challenge focuses on green building operations (waste, energy, water), as well as fleet and procurement. To attend a webinar, visit: <http://www.epa.gov/federalgreenchallenge/>.



Sustainability Performance Office

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