

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

Issue 25 September 2013

SUSTAINABILITY NEWS

2014 Site Sustainability Plan (SSP) Guidance Issued

The Sustainability Performance Office (SPO) issued the 2014 Site Sustainability Plan (SSP) guidance to DOE HQ program contacts on August 16. Pre-populated site Consolidated Energy Data Report (CEDR) spreadsheets and a CEDR Technical Support Document (TSD) were also released. SSPs are due to the SPO through program offices on December 6. Beginning September 25, the SPO will be hosting weekly SSP/CEDR open calls every Wednesday (1:00 PM Eastern) to provide technical assistance and support for completing the SSPs and CEDRs.

The SSP guidance and related information can be found on Powerpedia at:

https://powerpedia.energy.gov/wiki/Sustainability_Performance_Office#Reporting

Pantex Plant Breaks Ground on PREP, Federal Government's Largest Wind Farm



Wind Farm Groundbreaking Ceremony

Construction officially began August 13 on the Pantex Renewable Energy Project, which upon completion will be largest wind farm in the Federal government. The project will harness wind in the Texas Panhandle to help power one of the key facilities in the National Nuclear Security Administration's weapons complex. The wind farm will be located on 1,500 acres of land east of the Pantex Plant and will consist of five 2.3 megawatt turbines, large enough to power nearly 60 percent of the site's annual electricity needs.

To learn more about the project, visit: <http://www.pantex.com/news/Press/Pages/Massive-Renewable-Energy-Project-Comes-to-Pantex.aspx>.

Secretary Moniz Delivers Speech on Energy, Climate Change Policy

On August 26, Secretary Moniz spoke at Columbia University's Center on Global Energy Policy in New York City. Secretary Moniz made remarks on recent extreme weather events and their impact on energy infrastructure, DOE's Loan Guarantee Program portfolio, the growth of the renewable energy sector, and clean fossil fuel technologies. The Secretary also highlighted President Obama's [Climate Action Plan](#) as part of the solution to addressing the issues of climate change.

For more information and to view a video of the speech, visit: <http://energy.gov/articles/video-moniz-talks-energy-and-climate-policy>.

DOE Labs Support GSA High-Performance Green Building Demonstration Project

GSA's Office of Federal High-Performance Green Buildings (OFHPGB) conducts demonstration research projects at selected Federal buildings to improve understanding of how sustainable technologies can improve building performance. GSA recently finished a multi-year demonstration research project on the EPA Region 8 Headquarters building, also known as The Wynkoop Building. NREL and PNNL supported the research project which evaluated the performance of acoustics, data center energy use, daylighting, thermal comfort, occupant experience, and workplace functionality.

To learn more about the project, visit: <http://www.gsa.gov/portal/content/171927>.

SUSTAINABILITY SUPERSTAR



Yolanda Robinson-Freeman is a Contracting Officer for NNSA. Under her leadership, NNSA awarded a contract for the largest wind farm in the Federal government at Pantex. The project will not only help DOE meet its commitment to the President's Performance Contracting Challenge, it will also help Pantex make significant progress toward its sustainability goals.

Send us your champion!



EPA Region 8 Headquarters Building



Did you know? 2012 was the warmest year on record for the continental United States. In addition, the U.S. experienced the second most extreme weather related events ever at a cost of more than \$100 billion. To combat these events, the President announced the Climate Action Plan, a series of executive actions to address global climate change. To learn more, visit: <http://www.whitehouse.gov/share/climate-action-plan>.

UPCOMING EVENTS AND MILESTONES



(Click to view SPO Calendar) ↑

COURSES, WEBINARS, AND EVENTS

Sept 10: [How to Purchase and Use Biobased Products](#)

Sept 11: [Placing UESC Task Orders](#)

Sept 18: [EFCOG Monthly Call-Electronic Stewardship and Data Centers](#)

Sept 18: [Energy Efficient Public Procurement: Best Practice in Program Delivery](#)

Sept 25: [SSP/CEDR Help Line Open Call](#)

Sept 25: [Portfolio Manager Office Hours](#)

Sept 25: [Monitoring and Evaluating Green Public Procurement Programs: Benefits, Case Studies, and Recommendations](#)

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 with ASHRAE Thermal Guidelines](#)

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

Greenhouse Gas Reporting

[Federal GHG Accounting and Reporting](#)

SUSTAINABILITY NEWS

Super-efficient Equipment and Appliance Deployment (SEAD) Initiative Webinars



The Super-efficient Equipment and Appliance Deployment (SEAD) Initiative of the Clean Energy Ministerial is a voluntary multinational collaboration whose primary objective is to advance global market transformation for energy efficient products. SEAD is currently partnering with [The Clean Energy Solutions Center](#) to provide a [webinar-based training](#) on key findings from the recently published report, [Energy Efficient Public Procurement: Best Practice in Program Delivery](#).

For more information on SEAD's activities, visit : <http://www.superefficient.org/procurement>.

Supreme Court Ruling to Expand Use of E15 at the Pump

The U.S. Supreme Court recently rejected petitions to reconsider a Federal appeals court ruling that allows the sale of gasoline blended with 15 percent ethanol (E15). As a result, the availability of E15 blended fuel at U.S. gas stations is expected to increase. According to Bob Dinneen, president and CEO of the Renewable Fuels Association, E15 will reduce U.S. dependence on foreign fuels and lower the price of fuel at the pump.

To read more about the decision, visit: <http://www.greenfleetmagazine.com/news/51653/e15-ethanol-blend-to-become-common-at-the-pump>.

SUCCESS STORIES

NREL Cafeteria Receives LEED-Platinum Designation

NREL's state-of-the-art cafeteria on the South Table Mountain campus recently received LEED-Platinum certification from the U.S. Green Building Council—the highest level possible. This accomplishment was particularly rewarding as the building exceeded the original design goal of LEED-Gold. NREL's campus eatery is performing better than expected, using roughly 25 percent less energy than a cafeteria built to current commercial code. For more information, contact Michelle Slovensky (michelle.slovensky@nrel.gov).



NREL's South Table Mountain Cafeteria

Lifecycle Cost Effective LED Lighting for LANL

LANL's Pollution Prevention (P2) Team led and coordinated a major Pollution Prevention initiative to reduce waste, labor, and maintenance costs; conserve energy and reduce or eliminate universal waste; and launch a Pollution Prevention Opportunity Assessment (PPOA) on light-emitting diodes (LEDs), which was followed by two LED Pilot Projects.

During the study, LANL found that while simple payback and Return on Investment (ROI) are based on energy savings alone, the inclusion of other factors, including labor, bulb crushing and disposal costs, and safety and improved indoor environmental quality requirements shortened the payback period from the standard 7-10 years to a very desirable 2-year simple payback period over the life of the fixture. Following the successful completion of the pilot projects, LEDs have been adopted in five additional LANL buildings.

For more information on these efforts, contact Monica Witt (mwitt@lanl.gov) or Cassandra Begay (Cassandra.Begay@nnsa.doe.gov).



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



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ENERGY

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