

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

Issue 51 November 2015

## SUSTAINABILITY NEWS

### Update and Reminder: FY 2016 Sustainability Reporting

In September, the Sustainability Performance Office (SPO) released guidance for annual sustainability reporting. Each year DOE sites prepare Site Sustainability Plans (SSPs) and Consolidated Energy Data Reports (CEDRs) to assess performance against federal sustainability goals and plan for future goal attainment. This year's SSPs and CEDRs are due to the SPO by December 7, 2015.

On October 23, the SPO revised the SSP guidance to further clarify the requirements for the net zero buildings goal. Please reference the [SSP Guidance Version 2](#) for the updated information.

Over the past month, the SPO has hosted Open Line Help Calls to assist with annual reporting. The last conference call will be held on [November 18 from 2:00-3:00 Eastern](#). Common questions and responses are summarized as Frequently Asked Questions (FAQ). The SSP guidance, FAQ, and related information can be found on the [SPO's Powerpedia page](#).

### 2016 DOE Sustainability Awards Nominations Due December 18



The SPO sponsors the DOE Sustainability Awards to recognize outstanding achievements in advancing the Department's sustainability mission, including excellence in energy, water, and vehicle fleet management. Similar to past years, all nominations must be submitted through the [DOE Sustainability Awards Database](#). The deadline for submitting nominations is December 18. Award winners will be recognized in the Spring of 2016.

For more information, visit [www.sustainability.energy.gov/awards](http://www.sustainability.energy.gov/awards).

### DOE Report Examines Regional Climate Change Impacts to the U.S. Energy Sector

DOE recently released a report detailing regional climate change vulnerabilities and resilience solutions for the U.S. energy sector. The report provides illustrative examples of climate resilience actions that have been taken and identifies potential opportunities and challenges to develop and deploy climate-resilient energy technologies. This report builds upon past and current efforts, including the [Quadrennial Energy Review](#) and the [2013 report on U.S. Energy Sector Vulnerabilities to Climate Change and Extreme Weather](#). To view the full report and facts sheets on individual regions, click [here](#).

## SUSTAINABILITY SUPERSTAR



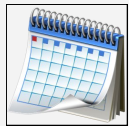
Darshan Karwat, DOE AAAS Science and Technology Policy Fellow, lives nearly trash free. Encouraged by a news segment while studying at the University of Michigan, Darshan carefully evaluates nearly every form of waste in his daily life. Darshan currently works in EERE's Wind and Water Office and was recently featured by the Washington Post for his efforts to reduce his footprint. To learn more about Darshan's efforts to reduce waste, click [here](#).

**Send us your Superstar!**



**Is your home ready for cold weather?** — There are several strategies that can be implemented within a home to help make the heating system run as efficiently and sustainably as possible. Learn about the different options and what might be best for your home using the [Energy.gov infographic](#). There are energy saving tips as well as advice on how to choose the best heating system. Make sure you are prepared for winter by checking out the infographic [here](#).

## UPCOMING EVENTS AND MILESTONES



Nov 16: [2015 Federal Green Building Summit \(Washington, DC\)](#)

Nov 18: [Introduction to UESCs](#)

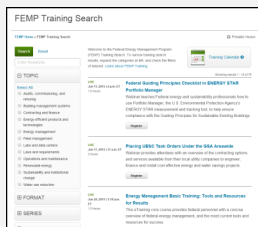
Nov 18: [Open Line Help Call](#)

Nov 18-19: [Greenbuild 2015 \(Washington, DC\)](#)

Dec 3: [Implementing E.O. 13693](#)

## ON-DEMAND TRAINING

Visit the Federal Energy Management Program's [Training Search](#) for a comprehensive collection of on-demand trainings.



## VIDEO SPOTLIGHT



[3D Printing in 30 Seconds](#)

## SUSTAINABILITY SUCCESS STORIES

### Idaho National Laboratory Draws Praise for Facility Modifications

The Idaho National Laboratory (INL) installed a custom-built uninterruptible power supply for its Advanced Test Reactor, improving reliability and reducing operating costs and greenhouse gas (GHG) emissions. The Advanced Test Reactor Transition to Commercial Power modification was chosen by Engineering News-Record as the first-place winner in the energy-industrial category of its 2015 Best Projects competition. The project replaced diesel generators with conventional electrical power, reducing diesel fuel use by 225,000 gallons and resulting in a net reduction of GHGs of 892 metric tons of carbon dioxide equivalent annually.



INL's Advanced Test Reactor

For more information on the project, click [here](#).

### D.C. Atlas Brew Works to Tap Solar Power for Brewing Operations



Rooftop Solar Panels at  
Atlas Brew Works

Atlas Brew Works, a Washington D.C.-based brewery, recently installed 270 solar rooftop-panels to provide clean energy to the brewing facility. The 67.5-kilowatt grid is expected to generate approximately 80 megawatt hours per year and reduce energy bills by 30 percent. The 2-year old brewery will become the first in the Washington D.C. region to draw 100 percent of its energy from the sun.

To learn more about Atlas Brew Works solar project, click [here](#).

### DOE Drives Energy Saving Solutions in the Bluegrass State

DOE continues to partner with state and local governments to advance energy and water efficiency by leveraging Energy Savings Performance Contracts (ESPC). The city of Greensburg, Kentucky established an energy savings performance contract to make HVAC and lighting improvements in several city buildings. The contract included the replacement of 300 water meter setters and 1,200 water meters. In addition, HVAC and lighting improvements were bundled in the contract, producing energy savings and improving occupancy comfort.

To read more about the project, click [here](#).



Upgraded HVAC system  
in Greensburg, KY

The **greengov** Leader  
Council on Environmental Quality

Check out CEQ's latest GreenGov Leader newsletter:

<https://www.fedcenter.gov/assistance/newsletters/greengovleader/>



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