

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

Issue 43 March 2015

SUSTAINABILITY NEWS

Upcoming Deadline: SPOFOA Applications Due March 27

On January 26, the Sustainability Performance Office (SPO) launched the SPO Funding Opportunity Announcement (SPOFOA), a first-of-its-kind program designed to expand sustainable technologies and practices across the DOE complex. SPOFOA offers financial assistance to promote compliance with federally-mandated sustainability requirements, including goals on the Office of Management & Budget (OMB) [Sustainability and Energy Scorecard](#). Applications are due March 27, 2015.

For more information, visit the [SPOFOA webpage](#).

SUSTAINABILITY SUCCESSES

ANL Research Facility Achieves LEED Gold Certification

The ANL's Advanced Protein Characterization Facility (APCF) recently received the U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED) Gold certification. The APCF is the fourth ANL building to achieve LEED certification.

The APCF is connected to ANL's Advanced Photon Source (APS), the brightest high-energy synchrotron in the Western Hemisphere. The facility serves researchers studying genomic and protein classification and is expected to use 30 percent less energy and water than similar facilities and generate \$40,000 in annual utility savings.



Inside ANL's Advance Protein
Characterization Facility

The facility includes a cool roof that reflects heat from the summer sun, occupancy sensors that shut off lights when rooms are not in use, and electro chromic glass windows that darken to block bright sunlight. The APCF was also designed to use physical resources sparingly. Recycled materials permeate the interior of the building, including laboratory counters and steel support beams. The laboratory spaces are modular, enabling easy reconfiguration to meet future research needs, thus eliminating costs and material waste typically associated with laboratory changeovers. In addition, the building captures heat from both the adjacent APS and outgoing air from its own laboratories to minimize the need of supplemental heat.

For more information on the APCF, visit: <http://www.anl.gov/articles/argonne-apcf-achieves-leed-gold-rating>.

SUSTAINABILITY SUPERSTAR



The Livermore Site Office's Karin King recently facilitated a license agreement between Whitehorn Solar and Lawrence Livermore National Laboratory (LLNL). The contract will deliver a solar electrical generation system that, when completed, will represent the largest DOE purchase of solar power from an onsite facility. Congratulations and keep up the good work!

Send us your superstar!



Powerpedia Turns 5 – Last month, DOE's internal collaboration space, [Powerpedia](#), celebrated its 5th Anniversary. Powerpedia has served as a knowledge base of information, tailored and created by DOE's worker population (both Federal and contractor employees), on all things DOE. In 5 years, Powerpedia has been viewed over 2.3 million times with over 200,000 contributions. Videos and highlights from the birthday event can be found on the [Powerpedia Birthday page](#).

UPCOMING EVENTS AND MILESTONES

Mar 11: [Intro to ENABLE ESPCs](#)
 Mar 18: [Buildings of the Future](#)
 Mar 19: [FEMP Energy and Water Mgmt Awards Criteria Briefing](#)
 Mar 19: [FEMP FOA: AFFECT](#)
 Mar 24: [Portfolio Manager 101](#)
 Mar 25: [Portfolio Manager 201](#)
 Mar 26: [Voluntary Initiative on Incentives — Toolkit Training](#)

ON-DEMAND TRAINING

Certifications

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

Financing

[ESPCs for Small Sites](#)
[UESCs and Energy Project Funds](#)
[Energy Savings Performance Contracting](#)
[Measurement and Verification in ESPCs](#)

Buildings

[Guiding Principles For HPSB](#)
[Commissioning for Federal Facilities](#)
[Operations, Maintenance, and Commissioning](#)
[Implementing Deep Retrofits](#)
[Building Automation Systems for Existing Federal Facilities](#)

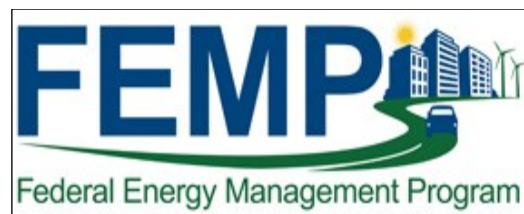
Water

[Water Efficiency Planning and Implementation](#)
[Stormwater Management & Water Conservation](#)

SUSTAINABILITY ANNOUNCEMENTS

FEMP Announces AFFECT Funding Opportunity Announcement

On March 6, 2015, the Federal Energy Management Program (FEMP) issued a Funding Opportunity Announcement (FOA) titled "[Assisting Federal Facilities with Energy Conservation Technologies \(AFFECT\), FY 2015](#)." The AFFECT FOA will provide grants to federal agencies to assist in funding renewable energy projects that are incorporated into a privately financed performance contract, such as an energy savings performance contract (ESPC) or utility energy service contract (UESC), or as part of a renewable energy power purchase agreement (PPA).



Complete program information can be found on the [Call for Projects page](#) on FEMP's website. FEMP will also host an informational [webinar](#) on March 19, 2015.

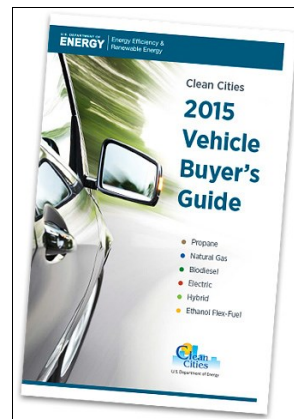
Letters of intent (LOI) are due by April 6, 2015; full applications are due by May 20, 2015.

Clean Cities 2015 Vehicle Buyer's Guide Now Available

The [Clean Cities 2015 Vehicle Buyer's Guide](#) is now available through the [EERE Publication and Product Library](#). The annual guide is a comprehensive source of information for evaluating alternative fuel vehicle (AFV) options. The 40-page guide provides model-specific information, such as vehicle specifications, manufacturer suggested retail price, fuel economy, energy impact, and emissions data.

For more information on the DOE's Clean Cities program, visit:

<http://www1.eere.energy.gov/cleancities/index.html>.



FEMP Accepting Nominations for 2015 Energy and Water Awards

Each year FEMP, in conjunction with the Federal Interagency Energy Management Task Force, sponsors the Federal Energy and Water Management Awards to honor outstanding federal agency achievements in energy, water, and fleet management.

FEMP will host an [informational meeting](#) on March 19, 2015 to provide an overview of criteria and eligibility requirements as well as tips on preparing nomination narratives.

Nominations must be submitted through [FEMP's Awards Nomination Website](#) by April 30, 2015. For more information, visit: [FEMP Federal Awards](#).



Check out CEQ's latest GreenGov Leader newsletter: <https://www.fedcenter.gov/assistance/newsletters/greengovleader/>



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