

Leading the way to a more sustainable Federal Government



Summer is officially here, but the sustainability-focused work going on at our federal agencies does not take a vacation. From solar energy projects to the development of new strategies and tools, there is a lot of hard work going on in the federal sustainability world. Take a look at this month's newsletter and see how your peers are using innovative ideas and technology to make a substantial difference in the protection of the climate.

- *Christine Harada, Federal Chief Sustainability Officer*



News from the Office of Federal Sustainability

Upcoming: GreenGov Dialogue on July 11

In collaboration with George Washington University, the Office of Federal Sustainability will host a GreenGov Dialogue on Monday, July 11, 2016. The dialogue will focus on federal sustainability efforts in fleet electrification, and will feature speakers from across the government, industry, NGO and academia sectors. This event will be an opportunity to gain insight into the current state of vehicle electrification infrastructure growth, and a chance to learn best practices from public and private organizations who are leading the way with this energy efficient fleet option. Register for the event [here](#).

GreenGov Symposium

This year's GreenGov Symposium will be held on September 8th, bringing together public and private sector leaders to discuss the latest innovations and approaches for achieving the goals in Executive Order 13693. The event will feature innovative thought leaders who will share ideas and strategies for achieving energy efficiency, clean energy targets, waste reduction, sustainable supply chains, greener fleets, and water reduction. Registration details will be shared this summer.

GreenGov Presidential Awards

The GreenGov Presidential Awards celebrate extraordinary achievement in the pursuit of President Obama's Executive Order on federal sustainability. They honor federal civilian and military personnel, agency teams, agency projects and facilities, and agency programs that exemplify President Obama's charge to lead by example towards a clean energy economy. The GreenGov Presidential Awards ceremony will be held this fall.

Employee Charging Guidance Now Available

The Office of Federal Sustainability recently released guidance for federal agency provision of plug-in electric vehicle charging stations for employee use. The document, "Guidance for Federal Agency Implementation of Workplace Charging Pursuant to the Fixing America's Surface Transportation Act: Level 1 Charging Receptacles," supports the implementation of Executive Order 13693. The Fixing America's Surface Transportation (FAST) Act authorizes the General Services Administration (GSA) and other Federal agencies to install, operate and maintain plug-in electric vehicle (PEV) charging stations for privately owned PEVs in parking areas used by Federal employees and authorized users, and requires the collection of fees to recover these costs. The guidance is now available [here](#).



Courtesy: Dennis Schroeder / NREL

Need additional employee charging support? Check out these great resources:

- Technical assistance and informational resources on employee charging installation and management is available through the U.S. Department of Energy (DOE) [Workplace Charging Challenge](#)
- PEV [Handbook](#) for Workplace Charging Hosts
- Sample [Employee Survey](#) to Assess Employee Charging Demand
- Workplace Charging Installation [Costs](#) and Hardware [Costs](#)

FAR Rule Announcement

On May 25th, a proposed rule on contractor disclosure of GHG and climate risk management (FAR Case 2015-024) was published in the Federal Register. This rule would add questions to the annual contractor representations and certifications in the System for Award Management, asking if and where contractors publicly disclose greenhouse gas emissions, greenhouse gas reduction goals or targets, and climate-related risks. This information is expected to provide greater insight into GHG management across the Federal supply chain, assist agencies in developing strategies to reduce these emissions, and support implementation of supply chain measures under E.O. 13693. You can find more information [here](#).

News From Around the Agencies

U.S. Army Holds Ribbon Cutting Events for Major Solar Projects



Fort Benning Solar Project

On June 1, the U.S. Army held a ribbon cutting for the Ft. Benning solar project--the largest solar project ever for the Army. The U.S. Army Office of Energy Initiatives (OEI) and Fort Benning partnered with the General Services Administration (GSA) and Georgia Power Company (GPC) to develop a large-scale 30 megawatt (MW) alternating current (AC) solar project on Fort Benning. This project is part of the Army's plan to develop three, 30 MW AC solar projects, one each at Forts Benning, Gordon, and Stewart, and is collectively referred to as the Georgia 3x30 project.



Fort Detrick Solar Project

On June 17, the U.S. Army held a ribbon cutting ceremony for the Fort Detrick solar project. Located on approximately 67 acres of land, this solar installation will generate enough electricity to power about 2,720 homes per year. Ft. Detrick will consume all of the energy supplied by the 59,994 solar panels, leading to approximately \$3 million in avoided costs to the Army over the course of the contract. This project will serve about 12 percent of Fort Detrick's total annual electric load requirements, and is expected to reduce GHG emissions by 19,000 metric tons each year.

DOE Hosts Federal Thought Leaders Roundtable

On June 2, the Department of Energy held a Federal Thought Leaders Roundtable. This live panel discussion was streamed online, and featured federal leaders discussing sustainability goals, policies and initiatives. Participants included Dr. Timothy Unruh, Director of the Federal Energy Management Program, Christine

Harada, Federal Chief Sustainability Officer for the White House Council on Environmental Quality, Kevin Kampschroer, Chief Sustainability Officer/Director for the Office of Federal High-Performance Green Buildings, U. S. General Services Administration, and Lisa A. Jung, Deputy Assistant Secretary of Defense for Installation Energy, Office of the Assistant Secretary of Defense, Energy, Installations and Environment.

Interagency Energy Manager Task Force Meeting

On June 6, DOE held a meeting of the Federal Interagency Energy Management Task Force. The taskforce was created by the Federal Energy Management Improvement Act to coordinate federal government activities that encourage energy conservation and energy efficiency. This month's meeting featured a conversation with the Federal Chief Sustainability Officer, Christine Harada, who gave an update on federal sustainability efforts, and also a look into the future direction for CEQ priorities.

CEQ Participates in the DHS Sustainability and Environmental Programs Summit

On June 21, the Federal Chief Sustainability Officer addressed the DHS Sustainability and Environmental Programs Summit. The summit targeted DHS federal employees and contractors working across sectors with an interest in energy and environmental sustainability. The Federal Chief Sustainability Officer spoke about the goals and accomplishments of the President's Federal sustainability efforts, with an emphasis on the work done by DHS.

DOE Leaders Receive Crosby Field Award

John A. Shonder and Cyrus H. Nasserri are the recipients of the Crosby Field Award for their paper, "Achieving Deeper Energy Savings in Federal Energy Performance Contracts," which was judged to be the best paper presented before the Society. The Crosby Field Award is named for Presidential Member Field. Shonder is director of the U.S. Department of Energy's (DOE) Sustainability Performance Office, Washington, D.C. Nasserri is program manager, U.S. DOE's Federal Energy Management Program, Washington, D.C. (Source: [ASHRAE](#))

Also in the News

Energy Department Launches Five New Solar Ready Vets Training Locations, Announces \$10 Million for National Training Programs

On May 17, the Energy Department announced five additional military bases will join the Solar Ready Vets jobs training program that prepares service members for careers in the solar industry when they leave active duty. The Energy Department also announced plans to award \$10 million through its Solar Training and Education for Professionals (STEP) funding program, which was created to help meet the solar industry's growing demand for well-qualified, highly skilled installers and other industry-related professionals.

These efforts build on the SunShot Initiative's Solar Instructor Training Network, which has trained 1,100 certified solar instructors and provided hands-on solar workforce training to more than 30,000 students through the nation's community colleges. Today the solar industry is a leader in hiring military veterans—employing nearly 17,000 veterans to date—with the goal to employ 50,000 veterans by 2020. The SunShot Initiative's Solar Ready Vets program trains our nation's skilled military service members to succeed in the solar energy industry by teaching them how to size and install solar energy systems, safely connect them to the grid, and comply with local building codes.

To help meet President Obama's goal of training 75,000 solar workers by 2020, the 10 new STEP-funded training projects will advance America's solar workforce by training technicians for solar careers. One awardee under the STEP program, The Solar Foundation, will serve to support Solar Ready Vets and the five new bases as the national administrator of the training program. Another awardee, the Clean Energy States Alliance of Montpelier, Vermont, will receive \$568,000 to provide resources and training for state and local government officials on how to ensure inclusive participation in the solar economy. And Elevate Energy of Chicago, Illinois, will receive \$445,027 to educate residential real estate agents, appraisers, and related regulatory officials about solar energy systems through web-based, continuing education classes. See the Energy Department [news release](#) for a full list of awardees. (Source: EERE NETWORK NEWS)

New Training: Fundamentals -- Biobased Products and the BioPreferred® Program

A new web-based training course, Fundamentals -- Biobased Products and the BioPreferred Program has been posted on the [BioPreferred website](#) and on USDA AgLearn. Fundamentals: Biobased Products and the BioPreferred Program is designed as an introduction to biobased products and the BioPreferred program for all audiences. It is self-paced, but should take 30 minutes or less to complete. It is available on-demand and .5 CLPs (Continuous Learning Points) are recommended. The objectives are to: distinguish biobased products from non-biobased products; describe the two primary parts of the BioPreferred program; list federal agency responsibilities for the mandatory federal purchasing of biobased products; and, explain the basics of the voluntary labeling initiative for biobased products. (Source: FED CENTER Weekly Newsletter)

Sustainability: Smart Location Calculator

Developed by the GSA Urban Development/Good Neighbor Program, in partnership with the EPA Office of Sustainable Communities, the [Smart Location Calculator](#) is a simple tool for exploring how workplace location affects worker commute travel. Indicators include worker commute greenhouse gas emissions, mode-share, vehicle miles traveled, and workplace accessibility via transit. The data and research behind this tool, as well as a user guide, are available in the Resources section at the bottom of the website page. The Calculator provides a Smart Location Index (SLI), which ranges in value from 0-100, where 0 indicates the least location efficient site in the region, and 100 indicates the most location efficient site. (Source: FED CENTER Weekly Newsletter)

DOE Energy Exchange (August 9-11, Providence, RI) is Less Than Two Months Away - Register Today!

Building on the tradition of GovEnergy, the Energy Exchange is a must-attend event for the federal energy management community. The Energy Exchange training and trade show will offer a diverse program of 126 training sessions organized in 14 tracks covering project financing, new and emerging energy technologies, and more! Continuing education units will be offered for the majority of the training sessions.

Registration Rates

- * Government and National Labs: \$250
- * Government Contractors and Private Sector: \$425

Pre-Event Training Opportunities

FEMP will be offering six important training opportunities for beginner and intermediate audiences on Monday, August 8, the day before the Energy Exchange. These in-depth sessions bring additional value to the Energy

Exchange experience. Click on the session titles below for more information and to register for any of these six workshops:

- * Energy Savings Performance Contracting One-Day Workshop
- * Tools for Campus Energy Management
- * Utility Energy Service Contract Executive Overview
- * Data Center Energy Efficiency Best Practices Workshop
- * 2016 Guiding Principles: Updates, Guidance, and Solutions
- * Federal Renewable Energy Workshop

DOE and National Laboratory Staff: To control event costs, the event is invitation-only for DOE-funded attendees. If you are invited, in order to attend pre-conference workshops on August 8, you must adjust travel dates and times to ensure that your travel costs stay within the approved amount. (Source: FEMP DIGEST)

Get Fleet Management Training at Energy Exchange

New and experienced federal fleet managers alike can learn about the latest fleet-related federal mandates and greenhouse gas emissions reduction strategies at Energy Exchange. FEMP and GSA will present a federal fleet training track with topics ranging from electric vehicles to data reporting to the vehicle allocation methodology process.

Federal fleet training topics at Energy Exchange include:

- * E.O. 13693, EPO Act, and other federal fleet sustainability programs
- * Electric vehicles and electric vehicle supply equipment: Intro to zero emission vehicle metrics, targets, exempted vehicles, and greenhouse gas metrics and targets
- * Management information systems: Moving to asset-level data
- * FAST agency administrator training
- * Fleet Sustainability Dashboard (FleetDASH) capabilities
- * Fleet data analytics tools
- * The future of the vehicle allocation methodology process

For more information, visit the Energy Exchange [website](#).

(Source: FEMP DIGEST 5/12/16)

**Does Your Agency Have Sustainability News to Share?
Submit it for Publication in the GreenGov Leader**

- Submit your news to: info@ofee.gov by the 15th of every month.