The Top 10 Things You Need to Know About Federal Workplace Charging

FEDERAL WORKPLACE CHARGING WORKSHOP | OCTOBER 19, 2016

Sarah Olexsak, Workplace Charging Challenge Coordinator
Office of Energy Efficiency and Renewable Energy
U.S. Department of Energy

#1. Federal workplace charging is legal!

FAST Act (2015)

- ✓ Authorizes GSA and Federal agencies to install, operate, and maintain charging stations for Federal employees and authorized users.
- ✓ Requires the collection of fees to recover costs.

#2. The President wants your agency to provide it

EO 13693 & Implementing Instructions (2015)

Instructs Federal agencies to consider the development of policies to promote sustainable commuting practices including workplace charging and report plans in annual SSPP Multimodal Access Plan.

#3. New guidance is out for using FAST Act authority

CEQ Workplace Charging Guidance

- ✓ Level 1 charging receptacles (wall outlets), Jun 2016
- ✓ Level 1, Level 2 and DCFC EVSE (charging stations with cordsets), Oct 2016

NEW!

Level 1 Charging Receptacle

Level 1 EVSE

Level 2 EVSE

GSA Workplace Charging Guidance

- ✓ Additional guidance for GSA facilities, Oct 2016

NEW!

#4. Agencies can establish fees to allow use of fleet charging stations and wall outlets

The FAST Act states that agencies shall charge an amount to ensure recovery of costs incurred in installing, constructing, operating & maintaining the charging station.

If charging stations were installed before December 4, 2015, are primarily used by Federal fleet vehicles, or were funded through specific appropriations…

→ Charging station installation and construction costs do not need to be recovered.

If employees use existing Level 1 Charging Receptacles (wall outlets) or new wall outlets that did not require unusual installation costs such as trenching or boring…

→ CEQ guidance suggests a biweekly fee of $6.00 or daily fee of $0.60.

#5. DOE's new reimbursement tool can help determine fees for new installation scenarios

Insert anticipated costs

Determine viability of program

Example Scenarios: Level 1, Level 2 & DCFC EVSE	Installation Cost per EVSE	Hardware Cost per EVSE	Daily fee per Employee
Basic Wall Mount Level 1 EVSE	$1,000	$500	$1.32
Basic Pedestal Level 1 EVSE	$2,000	$1,500	$2.95
Basic Wall Mount Level 2 EVSE	$1,000	$1,000	$1.04
Basic Pedestal Level 2 EVSE	$2,500	$2,300	$2.12
Networked Pedestal Level 2 EVSE	$2,500	$4,500	$4.73
Networked DCFC EVSE	$14,250	$25,000	$10.99

See "Electric Vehicle Supply Equipment Reimbursement Tool to Support Federal Agency Implementation of Workplace Charging" for all assumptions.

#6. Pay.gov is one great way to process reimbursement

- ✓ Administered by the U.S. Department of the Treasury.
- ✓ Free and secure web-based application for collection/billing services.

Pay.gov *… in 3 easy steps:*

CONTACT: tia.wingfield@fiscal.treasury.gov

1. Federal organizations work with Pay.gov's team to establish a web-based collection system.

2. Employee submits payment digitally using either Pay.gov's Forms Service for one time payments or eBilling service for recurring payments.

3. Pay.gov deposits collected funds into the agency's appropriations account, or ALC (Agency Location Code), for the operations of the building where the charging station is located.

#7. 18 Federal orgs are committed to workplace charging

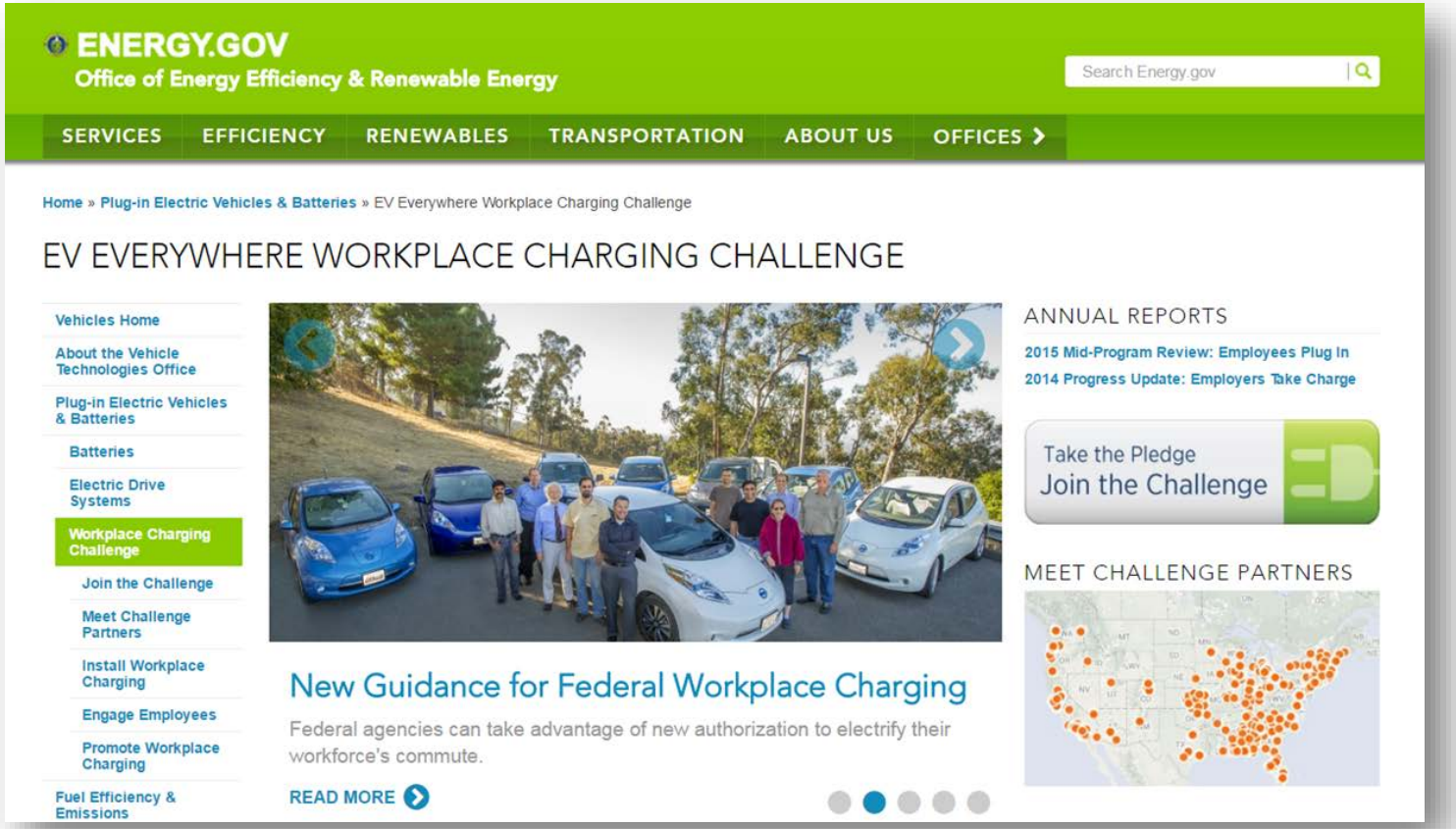
U.S. EPA National Vehicle and Fuel Emissions Laboratory

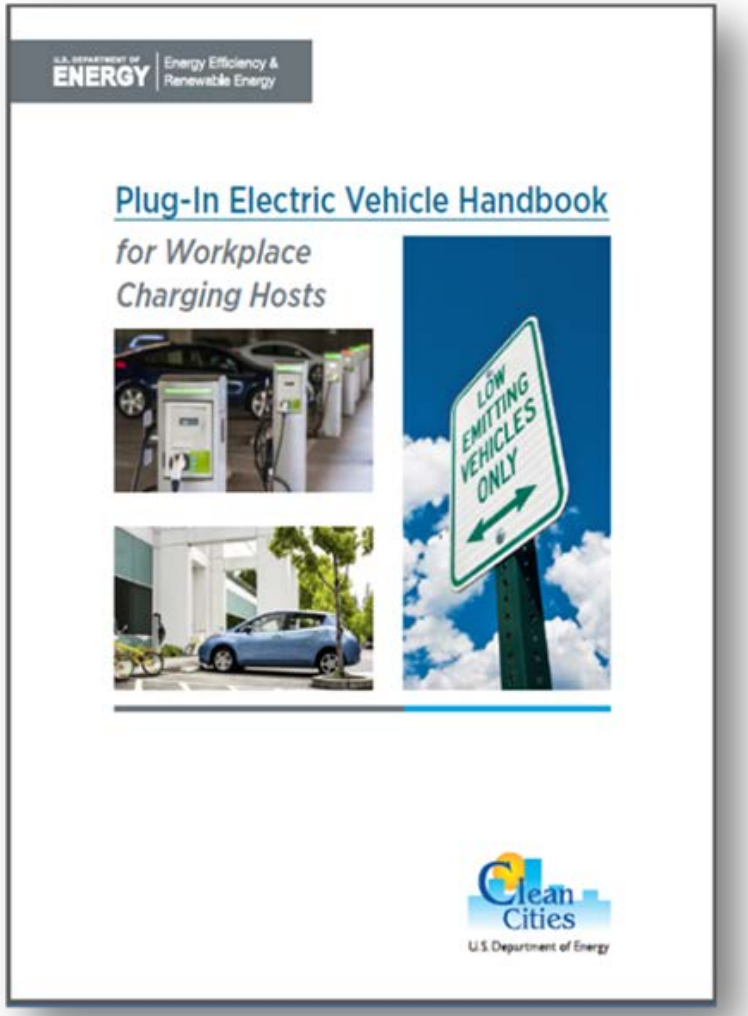
#8. You should join the Workplace Charging Challenge!

Recognition

Technical Assistance

#9. We've already learned a lot about managing workplace charging from the private sector





Resources available at: http://energy.gov/eere/vehicles/ev-everywhere-workplace-charging-challenge

#10. YOU can make an impact with workplace charging

"A great way to reduce our staff's carbon footprint"

"I love my EV, but I wouldn't have bought it if I didn't have access to workplace charging"

"I don't think I'll ever go back to a 'regular' car"

A few of the 50+ DOE Lawrence Berkeley National Laboratory EV-driving employees