

Federal EV Charging Workshop

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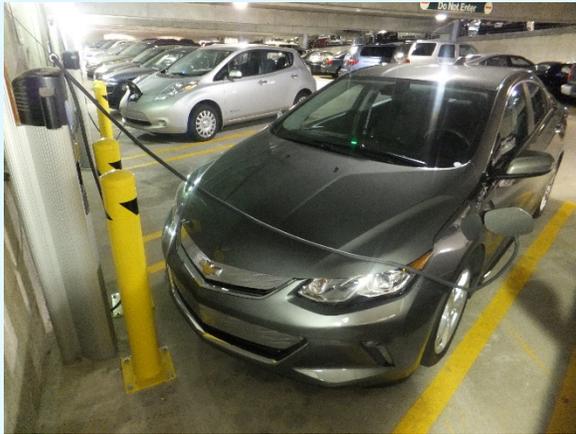
Workplace Charging Workshop
October 19, 2016



CDC EV Efforts Background

- In 2015, the HHS Scope 3 Working Group began the process of developing, implementing and monitoring electric vehicle (EV) chargers available to employees.
 - In response to [Executive Order 13693](#) and [HR3763](#)
 - HR22, also known as the *Fixing America's Surface Transportation Act* (or FAST Act), provided legislative support

CDC EV Efforts Background



EV charging stations, Roybal and Chamblee Campuses

- **Scott Kemp, CDC's Community Transportation Services Lead, led the effort to open employee EV charging on government-owned CDC campuses**
 - CDC began with 6-month pilot (1 Feb – 29 Jul)
 - As of October 2016, CDC is tracking 75 employee users of level 2 chargers

EV Charging Pilot

- Employee access is managed via an existing system, the Conference Room Scheduling System (CRSS), which has been modified to include EV charging spots.
- Employees send their EV information to Mr. Kemp, who then adds them to a standing listserv of EV users and authorizes the employees' access to the EV charging spots.
- Each employee is limited to three hour charges, three times a week, in order to ensure the widest possible access during this six month trial.

Conference Room Scheduling System

Reserve a Room / View Scheduled Rooms View: Normal

Daily Schedule - Friday, September 23, 2016

- Click a date in the calendar to see a daily schedule.
- Click an open time in the schedule to reserve a room.
- Click a room name for scheduling options of that room.
- Bold** Rooms are Envision Capable.

NOTICE
ELECTRIC VEHICLE CHARGING INFO :
 This is for the scheduling of Electric Vehicle Charging Spaces and is OSSAM sponsored.

Campus: Electric Vehicle Charging Building: ALL

Room Name	7:00	8:00	9:00	10:00	11:00	12:00	1:00	2:00	3:00	4:00	5:00	6:00
CHEV01 Chamb Lot	Available	Reserved										
CHEV02 Chamb Lot	Available	Reserved										
RO17EV01 Roybal 17	Available	Reserved										
RO17EV02 Roybal 17	Available	Reserved										

Available
 Reserved
 My Confirmed Reservation
 My Tentative Reservation
 SetUp Time

Note : Contact Campus Administrator for Private Rooms Reservation.

Scheduling Tools

- Home
- Reserve a Room
- Reservation Wizard
- CRSS Dashboard
- ywp1's Reservations
- Envision Schedule
- CRSS Reports
- Search
- Room Details
- Digital Signage
- Help
- MMT AV Services Guide
- CRSS Help Request
- IPTV Channel Guide
- CDC Room Scheduling
- ITSO Home Page
- My Settings
- Free APHA Display Items

Administration

- Manage Users
- Manage Room Admins
- TMS Scheduling
- MMT Reports

EV Scheduling System

Employee access is managed via an existing system, the Conference Room Scheduling System (CRSS).

Lessons Learned

- Level 1 charging was used early in the pilot, however usage never exceeded 5%. Removed Level 1 from one year provisional use period.
- Rely heavily on the EV community to police itself. Need for a coordinator to manage employee charge limits.
- If you purchase a Charge Point charger, you must ensure that those chargers appear as government-only chargers in the Charge Point system.

Next Steps

- QUESTION: Once we transition to employee payments for charging, how specifically do we collect the money?
- Ensure that employee is charged per kwh instead of per day.
- Ensure coordination with Agency fleet teams who have similar sustainability goals under **EO 13693**.



Green Gov Awards, 2016

For more information please contact Centers for Disease Control and Prevention

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The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.

