

COG EV Planning Groups Kick-off Meeting
September 27, 2011

COG Training Center
Washington Metropolitan Council of Governments
777 North Capitol Street NE
Washington, DC 20002

Attendance

Olayinka Kolawole, DDOE
Kambiz Agazi, Fairfax County
Nicole Steele, Loudoun County
Anna Chamberlin, DDOT
Howard Simmons, MDOT
Khoa Tran, Alexandria
Erica Bannerman, Alexandria
Kate Fritz, MNCPPC-PG
Michael Alexander, Cassidy Turley
Ellice Perez, Zipcar
Dan Barry, DDOE
Andy Flavin, Dominion
Debra Jacobson, George Washington University Law School
Kate Zyla, Georgetown Climate Center
Cassie Powers, Georgetown Climate Center
Audrey Stewart, Georgetown University
Vernon Wade, Prince George's County Chamber of Commerce
Tina Schneider, MNCPPC-M
Dave Goldstein, Electric Drive Association Washington DC
Claude Willis, GWRCCC
Austina Casey, DDOT
Tim Long, ECotality
Steve Arabia, NRG
Chris Rice, MEA (conference call)
Roger O'Donnell, Eaton (conference call)
Tony Bizjack, Fairfax County (conference call)
Anita Gordon, Walmart (conference call)
Dyan Backe, City of Gaithersburg (conference call)
Kip Reynolds, MNCPPC (conference call)

Lonnie Richmond, MDE (conference call)

Leah Boggs, COG DEP

Jeff King, COG DEP

Joan Rohlf, COG DEP

Clara Reschovsky, COG DTP

Daivamani Sivasailam, COG DTP

Yu Gao, COG DTP

Elena Constantine, COG DTP

1. Introductions, Co-chairs

- Olayinka Kolawole, Chair, EV Infrastructure Planning Group
- Kambiz Agazi, Chair, EV Policy and Processes Group
- Roundtable introductions were made

2. DOE EV Planning Grant (Joan Rohlf, Claude Willis)

- COG, in partnership with GWRCCC, area utilities and regional agencies submitted a proposal in response to the Clean Cities EV Community Readiness solicitation. The objective of the proposal was to develop a plan for deployment of plug-in and all electric vehicles and charging stations in the metropolitan Washington Region, as well as to develop a regional EV coalition. The proposal included 5 tasks focused on developing an EV deployment assessment, an infrastructure plan, local government policies, training, and education and outreach. Although the proposal was not awarded, COG is proceeding with will
- Leah Boggs presented a map of the current EV charging stations in the region. There are approximately 127 EV chargers.
- The GWRCCC was successful in grant funding through the NYSERDA proposal. NYSERDA submitted a proposal to DOE on behalf of the Transportation & Climate Initiative, the Northeast & Mid-Atlantic Clean Cities Coalitions, Georgetown Climate Center and NASEO. The purpose of the grant was to develop a plan and guidance documents to accelerate the introduction of EV charging stations throughout the Northeast and Mid-Atlantic. Approximately 13 Clean Cities Coalitions were a part of the grant, including GWRCCC. Each coalition will receive \$30,000 and are responsible for educating local governments on adopting new permitting, zoning and building codes.

3. Purpose of Work Groups

EV Infrastructure Planning Group - to forecasts EV deployment and to estimate associated infrastructure deployment needs.

EV Policy and Processes Group - to evaluate needs and recommend approaches to modifying local or state policies to foster deployment of electric vehicles.

Roundtable

- (Kathleen Hynes) In Montgomery County barriers to EV implementation is interagency coordination.
- (Howard Simmons) MD legislation to form an EV infrastructure Council to promote EV planning. It is a 25-member commission made up of local, state, utilities, private industry and BEVI. Darryl Mobley, Dep. Secretary, will be releasing a report in January 2012 that will outline an action plan to integrate EVs in state-wide standards. There is interest in supporting fleet purchases as well.
- (Chris Rice, MEA) Spoke with Larry Williams regarding EVs on state purchasing program by November 2011; currently looking at MARC stations, park and ride lots; most use at the airport
- (Kate Zyla, GCC) The Transportation and Climate Initiative includes environmental centers from Maine to DC working together on various sustainability issues, including EVs. The Georgetown Climate Center is responsible for implementing the NYSERDA grant by coordinating outreach for TCI.

4. MITRE Presentation on Fairfax County EV Charging Report (Matt Olsen)

Main recommendations and focus:

- Focus on residential
- Estimates of future EV adoption are highly uncertain, and it may not be in your best interest to try to predict future market trends.
- Key recommendations is that for new construction -- outfit the space in advance with necessary technology-enabling infrastructure (e.g., run conduits, transformer pads) rather than invest in full EVSE deployment at all sites with the potential it is subsequently not widely used. It is much less expensive to install EVSE in the future if the infrastructure is already in place.
- One area to consider is whether local governments can encourage manufacturers towards a standard mount, so equipment can easily be moved between different buildings if residents move.

5. Open Discussion

- Kathleen Hynes expressed concern regarding OEMs' ability to meet the growing demand for EVs, when considering the need for lithium for battery production. Government demand may grow considerably when agencies are faced with mandatory fleet efficiency requirements. Others suggested that all the key OEMs have increased production to meet demand so this shouldn't be an issue.

In addition to list of potential topics, work group topics should include:

EV Policy and Processes & Infrastructure

- Land use planning: intermodal transportation, zoning and comprehensive long range planning/future development
- Use of public space
- Apartment building and on street charging (Arlington and DC)
- Compliance with ADA requirements
- Charging standards
- Operations, maintenance and replacement
- Nonexistent policies/disincentives
- Meeting should include a presentation from Fairfax on mix of energy sources (i.e. how much renewable energy on the grid) and overview from 3 major jurisdictions
- Vehicle to grid - V2G

6. Next Meeting Date and Adjournment

- The next meetings will be separate meetings on October 18th.