

MWCOG ELECTRIC VEHICLE PREPAREDNESS EFFORTS

A History in Review and Current Projects

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July 21, 2016

History of COG EV Efforts

- COG EV Workshop, April 2011
 - Purpose – to examine local and regional EV readiness strategies and to begin the conversation on a regional level
- Clean Cities Community Readiness and Planning for PEV and Infrastructure Solicitation, 2011
 - COG Proposal - *Regional EV Deployment and Infrastructure Plan*
 - Objectives – to develop a plan for PEVs and all-electric vehicles and charging infrastructure in the NCR and to establish a Regional EV Coalition
 - Plan not awarded

History of COG EV Efforts

- Revised EV Deployment Plan
 - EV Task Force Groups
 - EV Infrastructure Processes - Olayinka Kolawole, Chair
 - EV Policy and Processes - Kambiz Agazi, Chair
 - COG EV Report: [*Electric Vehicles in Metropolitan Washington - Understanding the Region's Current Readiness and Options for Expanding Their Use*](#), October 2012
 - 25 Recommendations
 - Next Step: COG to participate in a Washington Regional EV Partnership to implement Task Force recommendations

COG EV Work Efforts

- Function: Forum for the discussion and coordination of public and private strategies to support electric transportation deployment
- Goal: To assist stakeholders find ways to remove barriers to electric transportation deployment in the Washington region
- Olayinka Kolawole and Elizabeth Lawton, Co-Chairs
- Membership
 - COG 22 member jurisdictions
 - Greater Washington Region Clean Cities Coalition (GWRCCC)
 - Transportation and Climate Initiative (TCI)
 - Baltimore-Washington Electric Vehicle Initiative (BEVI)
 - Others: MD-EVIC, EVA-DC, EVSE providers

COG EV Work Group Efforts

- Business Case Forum, February 2013 - *Electric Vehicles: Making Good Business Sense*
 - Pre-meeting to the 2013 Washington Auto Show
 - Speakers: Capital One, MOM's Organic Market, FedEx Express
- EV Work Group Focus, 2013-2014
 - Develop aggregate procurement for EVs
 - [ZEV MOU](#) - CA, CT, MA, MD, NY, OR, RI, VT
- COG-Vision Fleet MOU Agreement, March – June 2015
 - Full-service consulting firm that assists in large-scale EV adoption for public fleets
 - 4 Fleets: DC, Prince George's County, Alexandria, Frederick (City)

COG EV Work Group Efforts

- COG-Vision Fleet Project
 - Objectives
 - Establish a total-cost-of-ownership baseline for the existing gasoline powered fleet
 - Provide recommendations for specific vehicles suitable for EV replacement
 - Quantify the financial implications of a large-scale EV replacement program in terms of total cost of ownership
- COG Employer Outreach and Work Place Charging
- DOE RFI for Alternative Fuel and Advanced Vehicle Procurement Aggregating Initiatives, March 2015
 - Purchasing/procurement

COG EV Work Group Efforts

- EV Readiness Workshop, June 2015
 - Joint event between COG and MD-EVIC
 - Focus
 - Codes, siting, and design
 - EV planning and purchasing nexus
 - Public charging venues
 - Permitting and power considerations
 - Ride and drive
- DC Greening the Fleet Initiative, December 2015 – September 2016
 - Partners: GWRCCC, MWCOG, NASEO, Sustainable Energy Strategies, Inc.

COG EV Work Group Efforts

- NARC Project - Fleets for the Future
 - 2015 DOE Solicitation
 - Purpose - to develop and implement an effective nationwide bulk procurement process for AFVs and infrastructure
 - 2 Awards, February 2016
 - NARC
 - CALSTART
 - 5 Regional Council Partners: MWCOG, Boston Metropolitan Area Planning Council, North Central Texas COG, Pima Association of Governments, Mid-America Regional Council
 - Technical Team: Meister Consultants Group, ICM, Electrification Coalition, Propane Education and Research Council (PERC)



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