

COG EV Work Group Meeting

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Leah Boggs
MWCOG
Department Environmental Planning
Sr. Environmental Planner
lboggs@mwkog.org

2013 Climate & Energy Survey: Preliminary AFV Results

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Overall Results

- Who was surveyed
 - 22 COG local governments
 - 5 water and waste water utilities
 - 6 school districts
- Responses (to date)
 - 12 LGs
 - 3 Schools
 - 3 Water/waste water utilities

Cooperative purchase Interest:

- AFVs
 - Local governments: 10
 - Water/waste water: 3
 - Schools – 1
- AFV Stations
 - ✦ Local governments: 6
 - ✦ Water/waste water: 2
- More interest in EVs and charging stations than any other type

AFV Survey Results: Next Steps for Cooperative Purchasing

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- Finalize results of survey
- Find a champion to start the process
 - Reach out to interested jurisdictions (EVs and charging)
- Three to six month development process

Regional Green Fleet Certification Program

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- Open to public and private fleets
- Voluntary program
- Purpose:
 - Help regional fleets “go green”
 - Establish a model of positive change
 - Increase awareness and benefits of clean transportation vehicles and fuels the usage
- What is a certified green fleet?
 - Demonstrated achievements in 5 areas of best practices
 - ✦ Each category has points
 - ✦ Total accumulated amount of points qualifies as a certified green fleet

Regional Green Fleet Certification Program: Best Practices

- Best Practices
 - Green Fleets Plan
 - Vehicle Purchasing
 - ✦ Green Vehicle Purchasing Policy
 - ✦ Require "Right-Size" For Vehicle/Equipment Purchases
 - Green Fuels and Efficiency Measures
 - ✦ Green Fuels Procurement
 - ✦ Fuel Consumption and Vehicle Use Tracking
 - Fuel-Efficient Driving Practices And Training
 - Preventive Maintenance Program

Regional Green Fleet Certification Program: Next Steps

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- Establish RGFC Advisory Committee
 - Fleet Manager(s)
 - GWRCCC
 - VA Clean Cities Program
 - Private sector representative
 - COG staff
- RGFC Advisory Committee finalizes program
- COG Approval
 - CEEPC
 - COG Board (?)

Alternative Fuels Programs and Incentives in the Region

EPA Tier 3 and ZEV MOU

- Separate yet complimentary actions
 - EPA Tier 3
 - ✦ Federal rule impacting vehicle **manufactures** and **refineries**
 - Manufacturers – reduce vehicle exhaust and evaporative emissions
 - Refineries – lower sulfur gasoline standard
 - ✦ Phased in schedule starting in **MY 2017-2025**
 - ZEV MOU:
 - ✦ Voluntary
 - ✦ Inter-agency coordination between 8 states
 - ✦ Aggregate goal of 3.3 million ZEVs by **2025**
 - ✦ “....Signatory states have adopted regulations requiring increasing sales of zero-emission vehicles (ZEVs), or are considering doing so...”
- Same goals
 - Reduced air pollution from mobile sources
 - Reduced GHG emissions
 - Decreased dependency on fossil fuels

Benefits of Signing the ZEV MOU

- Regional cooperation – sharing of information and best practices
- Dovetails with other actions:
 - Georgetown Climate Center Transportation & Climate Initiative
 - Sustainable DC Plan
 - ✦ Require District government, and encourage private businesses, to purchase clean fuel, low-emission fleet vehicles. (Long Term)
 - ✦ Expand electric vehicle charging infrastructure throughout the city. (Medium Term)
 - Supports VA's alternative fuels program
 - COG Climate and Energy 2013 – 2016 Action Plan
 - ✦ Transportation and Land Use Goal: minimize the GHG impact of our transportation system, which contributes 1/3 of regional emissions, by reducing vehicle miles travelled and increasing the use of alternative fuel and high efficiency vehicles.
 - Supports [COG EV Report](#) recommendations (October 2012)
 - Supports [Regional Transportation Priorities Plan](#) (January 2014)
 - ✦ Near term strategy to promote EVs and invest in public infrastructure

Top Five COG EV Report Recommendations

- Stakeholder partnerships, such as a Washington Regional Electric Vehicle Partnership, should be formed to develop a business case for EVs, and to assess the potential for community return on investment.
- Stakeholders should consider offering incentives such as preferred parking, HOV occupancy exceptions, and tax credits to promote EV adoption.
- Electric permitting procedures should identify EVSE installations and notify electric utilities of their locations.
- Outreach and education is needed to promote EV adoption and inform the public of its benefits.
- Comprehensive plans and zoning regulations should guide EV infrastructure development and ensure that the built environment can accommodate future EVSE installations.

QUESTIONS