

Metropolitan Washington Air Quality Committee

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JOINT MEETING MWAQC TECHNICAL ADVISORY COMMITTEE & MOVES TASK FORCE

Date: January 11, 2011
Time: 10:00 am to 1:00 pm

COG Board Room, 3rd Floor
lunch will be served to members

DRAFT Agenda

MWAQC TAC

- 10:00 1. Call to Order and Review of MWAQC TAC Meeting Summary (November 9, 2010)**
Chairman Diane Franks, Maryland Department of Environment
- 10:05 2. PM Redesignation Request/Emission Inventory Development**
Joan Rohlf's and Sunil Kumar, COG/DEP will discuss a new project to develop a base year and outyear inventory to support planning for a possible PM2.5 redesignation request and maintenance plan.
- 10:30 3. Microgrid/District Energy/CHP Task Force**
Jeff King, COG/DEP, will discuss a new task force to undertake a variety of planning tasks associated with local and regional efforts to advance district energy and microgrid solutions.
- 10:45 4. Annual Progress Reporting for Air Quality, Climate, and Energy Program Accomplishments**
Maia Davis, COG/DEP, will provide an overview of the survey tool that will be used to collect progress information for the SIP Voluntary Bundle, Alternative Fuel/Low Emission Vehicles, Green Building Programs/Policies, as well as the CEEPC 2012 Climate and Energy Action Plan activities.

MOVES TASK FORCE

- 11:00 5. Call to Order/Approval of Meeting Summary**
Vice-Chairs Diane Frank, MDE, and Jim Ponticello, VDOT
- 11:15 6. Summary of MOVES Inputs**
- 11:35 7. Review of MOVES Results for 2010 CLRP Modeling**



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- 11:50 8. Discussion of Implications for SIP and Conformity Planning**
Members will discuss implications of modeling results using MOVES for future SIP and Conformity planning efforts.
- 12:30 Break For Lunch**
- 12:40 9. FHWA Update**
- 12:50 10. Discussion of Next Steps**
Members will discuss next steps for addressing the transition to the new MOVES model.
- 1:00 11. Set Date for Next Meeting, Future Agenda Items, Adjourn**
Next TAC Meeting: February 8, 2011

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**MWAQC Technical Advisory Committee
Meeting Summary
November 9, 2010 10:00 to Noon
COG Board Room, 3rd Floor**

Present:

Elizabeth Aiken, Virginia Department of Environmental Quality
Tom Ballou, Virginia Department of Environmental Quality
Randall Carroll, Maryland Department of the Environment
Austina Casey, District Department of Transportation
Diane Franks, Maryland Department of the Environment
Andrew Gayne, Quantico Marine Base
Bob Owolabi, Fairfax County Department of Health
Brian Hug, Maryland Department of the Environment
Jon Kinsman, Edison Electric Institute
Sonya Lewis-Cheatham, Virginia Department of Environmental Quality
Doris McLeod, Virginia Department of Environmental Quality
Pam Parker, Montgomery County Department of Environment
Jim Ponticello, Virginia Department of Transportation
Ana Prados, Fairfax County Federation of Citizen's Associations
Walt Seedlock, Metropolitan Washington Airports Authority
William Skrabak, City of Alexandria
Kanti Srikanth, Virginia Department of Transportation
Howard Simons, Maryland Department of Transportation
Ram Tangirala, District Department of Environment

Staff:

Jeannine Altavilla, COG/DEP
Elena Constantine, COG/DTP
Maia Davis, COG/DEP
Jeff King, COG/DEP
Sunil Kumar, COG/DEP
Eulalie Lucas, COG/DTP
Erin Morrow, COG/DTP
Jane Posey, COG/DEP
Joan Rohlf, COG/DEP
Dusan Vuksan, COG/DTP

1. Call to Order and Review of Meeting Summary (October 12, 2010)

Mr. Tangirala called the meeting to order at 10:10. The minutes of the October 12 meeting were approved with no changes.

2. Comment Letters: Conformity for the 2010 CLRP and 2011-2016 TIP and EPA Proposed Fuel Economy Labels

Jeff King presented a draft comment letter on EPA's proposed fuel economy labels. The letter was recently revised based on comments received from members. The committee agreed to forward the draft letter to the MWAQC Executive Committee for action.

Jeff King presented a draft comment letter on the draft conformity report for the 2010 CLRP and 2011-2106 TIP. The comment period closes on November 14. The letter was recently revised based on comments received from Kanti Srikanth and Diane Franks. The committee agreed to forward the draft letter to the MWAQC Executive Committee for action.

3. CAFE Heavy Duty Trucks: Proposed Rule

Sunil Kumar discussed the recent proposed rule that would require increased fuel efficiency for the heavy duty truck fleet. EPA & National Highway Traffic Safety Administration (NHTSA) have issued a joint proposal to reduce greenhouse gas emissions and improve fuel efficiency of medium- and heavy-duty vehicles ("HD National Program"). Three classes of vehicles covered (≥ 8500 lbs³) - heavy-duty pickup trucks and vans; combination tractors/semi trucks; and vocational vehicles (wide variety of buses, trucks, RVs, motor homes). Fuel economy improvements and emission reductions will range from 7 to 20 percent depending on vehicle type. The first model year to be affected by this rule would be 2017. Members asked DTP staff to share information on the percent of VMT and emissions from the heavy duty vehicle fleet. Kanti Srikanth said that this new initiative is important. Members also indicated that diesel I/M program benefits can be analyzed using the MOBILE 6.2 model, but not with MOVES.

4. MOVES Inputs and Schedule

Sunil Kumar discussed recent decisions on MOVES inputs for estimating emissions from motor vehicles and the anticipated schedule for the transitioning process. DTP staff have been working on developing emissions estimates using both MOBILE6 and MOVES for 2011, 2020, 2030, and 2040. Staff will need to prepare 2002 emissions at a later date if needed. CO2 emission estimates will also be developed. DTP staff will work with DC air agency staff on a couple issues to resolve related to vehicle population and I/M programs. The various input decisions were provided to members in a summary table. Results of the new model runs will be discussed and reviewed at a joint meeting of the TAC/MOVES task force in January.

5. Proposed Ethanol Waiver

The discussion of EPA's recent proposal to allow higher ethanol levels in motor fuels was deferred to a later date.

6. Emission Inventory Growth Assumptions

Sunil Kumar, Doris McLeod, and Brian Hug discussed issues related to growth assumptions for projected emission inventories. States have the option of developing state-specific emission growth factors for various source categories. Where outside sources may predict negative growth, states can flatline the rate, or may establish a growth factor using other reasonable surrogates. Growth assumptions for non-EGU point sources may have an impact on future Emission Reduction Credits or Offsets, so states may want to take steps to preserve the option for future offsets if needed.

7. Other Business

Joan Rohlfis said that the current stakeholders are welcome to request reappointment for 2011 if they so desire, and that additional new applicants can apply as well.

8. State and Local Air Agency Reports

Bill Skrabak reported on the Phase I and II studies being carried out as a result of the settlement with Mirant. There will be a bidding process in early 2011. A 3rd party engineer will evaluate installation of a polishing baghouse. He also said that the asphalt paving plant has been approved to convert to natural gas. In response to a question from Ram Tangirala, Bill said that the overall agreement with Mirant, including a stack merger and pollution limits, likely had beneficial impacts overall on air quality in the District.

Tom Ballou reported for Virginia. There will be a public hearing on the proposed natural gas fired power plant in Warren County. Dominion is going to voluntarily purchase offsets and will control to the highest levels. The proposed plant is near Shenandoah National Park.

Diane Franks reported for Maryland. The Air Quality Control Advisory Council met on October 18 to address a curtailment service provider regulation, requiring reporting of emissions from operators of distributed generation resources.

Ram Tangirala reported for the District. The Regional Haze SIP was submitted. Due to comments on the OTC VOC regulations during public hearings, DC will now need to re-propose the regulations.

9. Set Date for Next Meeting, Future Agenda Items, Adjourn, Next TAC Meeting: January 11, 2010 (will be held as a joint meeting with the MOVES Task Force.)