

Metropolitan Washington Air Quality Committee

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MWAQC TECHNICAL ADVISORY COMMITTEE

Date: April 12, 2011

Time: 10:00 am to 11:30

TELECONFERENCE

Call In Number (209) 647-1000

Passcode 789498#

Agenda

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- 10:00 1. Call to Order and Review of Meeting Summary (March 8, 2011)**
Chairman Diane Franks, Maryland Department of Environment
- 10:10 2. PM2.5 Redesignation and Maintenance Planning**
Joan Rohlf and state air agency staff will discuss planning for developing a PM_{2.5} redesignation request and maintenance plan.
- 10:25 3. PM Design Value Analysis**
Sunil Kumar, COG/DEP, will present the DV analysis for potential use in a PM Redesignation Request.
- 10:35 4. Ozone Season Forecasting**
Sunil Kumar, COG/DEP, will provide an update on air quality forecasting for the 2011 ozone season, including the most recent AQI Cutpoints. Jen Desimone, COG/DEP, will present the revised air quality website.
- 10:45 5. EPA Regulatory Actions**
Jeff King, COG/DEP, and state air agency staff will discuss EPA's recent actions on MACT for electric generating units. He will also discuss EPA's recent actions on approval of substitute refrigerants for motor vehicle air conditioners and possible ban on the use of HFC-134a.
- 11:00 6. SO2 Area Designation Guidance**
Sunil Kumar, COG/DEP, will discuss EPA's recently released area designation guidance for SO2.
- 11:10 7. Integrated Community Energy Planning**
Jeff King, COG/DEP, will provide an update on recent activities related to advancing clean energy solutions in the region.
- 11:20 8. State and Local Updates**
- 11:30 9. Set Date for Next Meeting, Future Agenda Items, Adjourn**
Next TAC Meeting: May 10, 2011



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DRAFT

**MWAQC Technical Advisory Committee
Meeting Summary
February 8, 2011 10:00 to Noon
Teleconference**

Present:

Elizabeth Aiken, Virginia Department of Environmental Quality
Monica Backmon, Prince William County
Tom Ballou, Virginia Department of Environmental Quality
Randall Carroll, Maryland Department of the Environment
Austina Casey, District Department of Transportation
Jessica Daniels, District Department of the Environment
Barbara Hardy, Fairfax County
Jon Kinsman, Edison Electric Institute
Sonya Lewis-Cheatham, Virginia Department of Environmental Quality
Doris McLeod, Virginia Department of Environmental Quality
Bob Owolabi, Fairfax County Department of Transportation
Ana Prados, Fairfax County Federation of Citizens Associations
Jim Ponticello, Virginia Department of Transportation
Walt Seedlock, Metropolitan Washington Airports Authority
Kanti Srikanth, Virginia Department of Transportation
Ram Tangirala, District Department of the Environment
Chris Voigt, Virginia Department of Transportation

Staff:

Jeannine Altavilla, COG/DEP
Elena Constantine, COG/DTP
Jeff King, COG/DEP
Sunil Kumar, COG/DEP
Eulalie Lucas, COG/DTP
Ron Milone, COG/DTP
Erin Morrow, COG/DTP
Jane Posey, COG/DEP
Joan Rohlfs, COG/DEP
Daivamani Sivasailam, COG/DTP
Dusan Vuksan, COG/DTP

1. Call to Order and Review of Meeting Summary (February 8, 2011)

Ms. Franks called the meeting to order at 10:15. The minutes of the February 8 meeting were approved with two changes -- Barbara Hardy and Jon Kinsman need to be included in the attendee list.

2. Discussion: PM2.5 Redesignation

Joan Rohlfs and state air agency staff discussed a potential PM2.5 redesignation request and maintenance plan. Joan asked the states about whether decisions had been reached about whether to proceed with this planning effort. Maryland and Virginia said that they support the decision to proceed. Ram Tangirala said that he would like to convene a meeting with the three state air agencies before reaching a final decision. He requested that staff create a matrix of options, with pros and cons of each to support that meeting. Ram said that he wants more information on the mechanics of the process, how the clean data determination would be used, whether the currently submitted Attainment SIPs would be withdrawn, the impact on NSR and NOx RACT, and the possible impact of a new tighter NAAQS in the near future. Tom Ballou said that requesting redesignation and submitting a maintenance plan is the logical next step in the process after a region receives a Clean Data Determination. Kanti Srikanth requested that staff develop a timeline/schedule. With regard to schedule, given the need to transition to new mobile emissions models, including MOVES and the new Travel Demand Model, final mobile sector inventories for the redesignation request and maintenance plan won't be available until January 2012.

3. Travel Demand Model

Ron Milone discussed a new Travel Demand Model Version 2.3, including new model features and development schedule. This year, COG/DTP staff plans to introduce a new model integrating the most recent Household Travel Survey (2007-8), and covering a larger geographic area with a more detailed zone system. The oversight committee is TPB's Travel Forecasting Subcommittee. Under the current schedule, the model will be adopted in November along with the most recent land use forecasts and the air quality conformity assessment. In response to a question, Ron Milone said that there is no academic peer review of the model, but that it is submitted to the Federal Highway Administration which then receives input from EPA, so there is a federal review that occurs.

4. Annual Progress Report: Update

Jeff King provided an update on tracking local voluntary measures for the CEEPC 2012 Climate and Energy Action Plan and the SIP Voluntary Bundle. This year COG has combined several surveys into one regional survey. The IGBG Green Building Survey, the CEEPC annual reporting, and reporting for the voluntary bundle are being handled concurrently. Survey results have been received from most members. Staff are reviewing in preparation for developing a report. Local governments and state air agencies need to coordinate to resolve issues related to known shortfalls in the region's voluntary bundle. Shortfalls have been created due to changes in the wind power purchase program and issues related to retirement of NOx allowances. Ram Tangirala said that DC is exploring options to address the shortfall for the DC portion.

5. Integrated Community Energy Planning

Jeff King provided an update on recent activities related to advancing clean energy solutions in the region. COG has issued an RFP for expert consulting services to support the Integrated Energy Solutions Task Force. The statement of work includes support for identification of current local policies and programs with recommendations for potential changes to facilitate new clean energy. It also includes a task to develop information on the costs and benefits of available clean energy resources as well as the business case for select approaches.

6. EPA Regulatory Actions

Jeff King discussed EPA's recent actions on MACT for industrial boilers. EPA has issued a final rule to address emissions of hazardous air pollutants (HAPs). The final rule scaled back requirements that were contained in the initial proposal. For large sources, the rule establishes strict emission limits for HAPs. For smaller sources, alternative compliance approaches have been included, including use of tune-ups and work practice standards. The rule also includes a requirement to conduct an energy audit to identify options to reduce the need for energy and associated emissions.

State air agency representatives provided a brief update on OTC control measure development activities. There will be an OTC meeting next week. The main control measures development effort is focused on the range of measures included in the November 2010 OTC MOU.

7. State and Local Updates

Ram Tangirala and Jessica Daniels reported for the District. The OTV VOC regulations are being revised based on comments received during the public comment period.

Randall Carroll reported for Maryland. Required under state law, the 2009 Greenhouse Gas Report is being prepared by MDE for the Governor and General Assembly.

Tom Ballou reported for Virginia. Virginia submitted designation recommendations for NO₂ as unclassifiable. The next air board meeting is scheduled for March 18.

Walt Seedlock announced that a large solar array has been installed at the MWAA administrative building. Electric vehicle charging stations are being installed at the airports.

8. Set Date for Next Meeting, Future Agenda Items, Adjourn

Next TAC Meeting: April 12, 2011