

**MWAQC Technical Advisory Committee**  
**Meeting Summary**  
**October 8, 2013**  
**10:05 AM to 12:15 PM**

**Present:**

Cecily Beall, District Department of the Environment  
Ram Tangirala, District Department of the Environment  
Jessica Daniels, District Department of the Environment  
Tom Ballou, Virginia Department of Environmental Quality  
Sonya Lewis-Cheatham, Virginia Department of Environmental Quality  
Austina Casey, District Department of Transportation  
Diane Franks, Maryland Department of the Environment  
Brian Hug, Maryland Department of the Environment  
Molly Berger, Maryland Department of the Environment  
Howard Simons, Maryland Department of Transportation  
Lyn Erickson, Maryland Department of Transportation  
Jim Ponticello, Virginia Department of Transportation  
Chris Voigt, Virginia Department of Transportation  
Barbara Hardy, Fairfax County Health Department  
Gwen Kennedy, Loudoun County  
John Kinsman, Edison Electric Institute

**Staff:**

Sunil Kumar, COG/DEP  
Joan Rohlf, COG/DEP  
Jeff King, COG/DEP  
Elena Constantine, COG/DTP  
Jane Posey, COG/DTP  
Eulalie Lucas, COG/DTP

**1. Call to Order and Review of Meeting Summary**

Cecily Beall called the meeting to order at 10:05 AM. The September 10, 2013 meeting summary was approved without any changes.

**2. Development of 2011, 2017, and 2018 Emissions Inventories**

Sunil Kumar discussed the development of 2011, 2017, and 2018 emissions inventories needed as part of the 2008 ozone NAAQS. Specifically, he discussed the annual and the average ozone season day (OSD) emissions inventories required for point, area, nonroad, and onroad sources for various pollutants. He described in detail the availability of the 2011 annual inventories from the NEI 2011 process. The 2011 NEI data was submitted to EPA by states by December 31, 2012. Since OSD inventories are also required for the base year 2011, these inventories will be developed from the existing annual inventories. He also discussed briefly the need for 2017 inventories for the Reasonable Further Progress efforts. Sunil also discussed the specific role of state and COG staff in the development of these inventories.

Sunil also discussed the timeline for development of the annual and OSD inventories for the base year 2011 and RFP year 2017. The timeline was developed keeping in mind the deadline (July 20, 2014) for

submission of the base year 2011 inventory to EPA. Sunil described the different deadlines for developing point, area, nonroad, and onroad source inventories for the base year 2011 besides a comprehensive document detailing the methodologies, inputs, and data for each source category. In response to a question from Jim Ponticello, Sunil said that the 2017 inventories will be developed after the base year inventories are completed by February 2014. The 2017 inventories are also expected to be completed by June 2014. Ram suggested including the development of the 2018 attainment year inventories in the FY15 MWAQC work plan.

### **3. EPA Proposal: Greenhouse Gas Rule for Power Plants**

Sunil discussed EPA's proposed greenhouse gas rule for new power plants and its plan to propose a rule for the existing power plants the next year. Under the proposal, any new plant that runs on coal would be permitted to emit only about half as much carbon dioxide as an average coal plant puts into the air today. While the proposed rule for new power plants will be directly enforced by EPA, the proposed rule for existing power plants will be enforced by states. Therefore, states will have choices in meeting the standards. States will be encouraged to use renewable energy sources (wind, etc.) and could reduce electricity demand by employing energy efficiency measures. Since the new coal based power plants will have to incur additional costs to limit carbon dioxide output or develop new methods of cleansing emissions, the industry is likely to challenge it in court. John Kinsman further elaborated on the differences in the rule for the new and existing power plants. He also said that while a few industries such as, natural gas sector will support the rule, coal fired power plants will oppose it.

### **4. Regional Transportation Priorities Plan**

Joan updated the members on the status of the Regional Transportation Priorities Plan being developed by TPB. The plan is being revised and a new comment period will be start in November.

### **5. Status of State Rules and Data: Distributed Generators**

States provided details of the rules concerning distributed generators in their respective jurisdictions. Brian presented information and rules for distributed generators in Maryland. He said until recently MDE did not have very good data on distributed generators. Therefore, implementing permit rules on the existing distributed generators was difficult. Curtailment Service Providers (CSP) provided some detailed data (by size and year and hours of operation). He said that the number of distributed generator owners who need to report is much small. MDE is trying to get CSPs to provide more data. Brian said that 9 tpd of NOx emission from distributed generators was based on data provided by CSPs. Tom asked if all 9 tpd came from ozone season days. Diane said that even though they were not correlated, there was still a strong relationship between the two.

Tom presented information on distributed generators for Virginia. He said he could get back with NOx emissions from distributed generators in Virginia. He also expected voluntary participation from Dominion on this issue. At this time, Virginia is not completely aware of the extent of this issue. There is only limited information available on the operating hours and days.

Jessica presented information on distributed generators for the District of Columbia. She said the District does not have any regulation on distributed generators. She said that the District receives on an average 180 applications for permits every year.

### **6. Future MWAQC Agenda Topics**

Joan outlined the reason for the poor attendance of elected officials at the September MWAAC meeting. She cited the lack of any decision making needs for a possible reason for this. Diane said since there is no direct role of elected officials, they lose interest. This was the possible reason for a lack of quorum for approving PM2.5 redesignation request and maintenance plan. Tina said that when issues become contentious, they lose interest. Following possible topics were suggested for the upcoming meetings.

December 2013/Spring 2014 – new ozone standard and transport rule  
May 2014 – BY2011 inventory and documentation

Distributed generators, handheld air quality meters, OTC model rules, PM2.5 road-side monitoring, and NO2 near-road monitoring were also mentioned as possible agenda topics.

### **7. State & Local Updates**

Diane said MDE is working on RACT SIP. She also mentioned a number of stakeholder meetings for the distributed generators, coal-fired power plants for NO<sub>x</sub>, Sox, and Hg controls, and Stage II controls.

Tom said VDEQ is evaluating RACT for the 2008 ozone standard. No public comment process has started yet. Stage II is up for public review. Public comment period ends on October 23 for regional haze.

Cecily said Councilwoman Mary Cheh wants substantive revisions for the District Air Pollution Control Act. DDOE is working on permit fees and revising schedule for idling citations and fines.

The meeting ended on 12:15 PM.