DRAFT 08/30/06

Federal/State Technical Work Collaboration Group

Conference Call Summary

August 25, 2016,

1. Roll call:

EPA OAQPS, OAP, OTAQ, WESTAR-WRAP, MARAMA, OTC, SESARM, LADCO, CenSARA, Maryland, New Hampshire, Georgia, Iowa, New York, Texas

1. Status of **Near Term** Actions - all
   1. Oil and Gas AEO projection year – Jeff Vukovich

Jeff (OAQPS) said in addition to the July call of the Collaboration Group, he briefed the National Oil and Gas Steering Committee and the National Oil and Gas Committee. He confirmed the only feedback pertaining to use of the AEO 2016 Reference Case w/o CPP has been from MARAMA. Julie (MARAMA) said she recently learned that other than Maryland, Rhode Island, and Massachusetts, MARAMA member states want to use 2015 instead. WESTAR/WRAP remains neutral; LADCO will verify with Ohio and let EPA if there is an issue; CenSARA and SESARM are okay with using 2016. MARAMA will work with EPA on what to do for their region for the initial 2015 ozone transport national modeling platform.

The National Oil and Gas Committee will be tasked with researching whether economic models such as the AEO one are the best vehicle to do projections for oil and gas.

* 1. ERTAC update – Mark Janssen

Mark (LADCO) said the ERTAC/EPA group held an initial call on July 25th and has a second one scheduled for later today. They intend to compare ERTAC and IPM for all states for 2023. Serpil (OAR) added the group has set every 4th Thursday at 2:00 pm eastern for their calls. If you want to join, you may email her. Tom (WESTAR) added he and Mark are coordinating to do an ERTAC model overview for WESTAR’s member states.

Julie (MARAMA) requested confirmation that the ERTAC 2023 run is being used for EPA’s initial 2015 ozone transport modeling. Discussion ensued whether ERTAC included CSAPR and/or CPP (neither). Without something for CSAPR, Chet replied EPA couldn’t use it. Timing complicates issues because ERTAC (or anyone else) can’t receive the final CSAPR data until the rule is finalized and thus can’t include in its work, but EPA can’t use the ERTAC work until it includes the CSAPR work (and other disconnects are figured out).

Theresa inquired if the state-by-state comparison work the ERTAC/EPA group is doing will help identify the models’ disconnects and gaps. Serpil replied the group identified an initial 150 units across the country to compare, once the final CSAPR rule is out. They will discuss whether doing a 2023 comparison without CSAPR could help jumpstart the process to figure out “how” a ERTAC/IPM comparison can be done, given the different bases and purposes of the models. Then they could be ready to decide on the “what” to compare once the final 2008 ozone CSAPR rule comes out.

* 1. EPA use of MARAMA 2023 growth and control packet – Jeff Vukovich

Jeff (OAQPS) said EPA is currently reviewing the information received from MARAMA. For the remaining states, he’ll send a spreadsheet to Theresa for distribution that highlights EPA’s anticipated growth plans for 19 sectors for 2023 and 2028.

Julie (MARAMA) inquired about the MOVES version to be used. Alison replied they have made an initial 2023 run using the latest version and are now working on how best to prepare specific emission factors to project activity data. Julie asked if the Virginia work will be incorporated – she and Alison will hold an offline conversation on the topic.

For nonroad, Alison said they did a NMIM run for 2023 as well. Mark (LADCO) said they have stationary and area source projections to 2030 and asked how EPA would need the data. Alison replied EPA expects their work will look similar to the 2025 projection work completed for the 2015 NAAQS review and would be a good place to start.

* 1. Status of EPA modeling activities re: Modeling for 2015 ozone NAAQS transport and modeling for regional haze – Norm Possiel and Brian Timin

Norm (OAQPS) confirmed EPA is still starting with the updated 2011 NEI for the platform, with 2023 projections completed and a NODA or informal memo to be released for public review in the late fall. Work on 2028 projections is on a later track, hopefully out by the end of December. Mark (LADCO) suggested EPA get the 2023 EI in model-ready format to the states as soon as possible, even if in draft form. The pros of doing that is MJOs and states receive the data early; the cons are that all groups could get caught up in a revisions loop, trying to use the latest emissions data and having to remodel.

Jim (GA) asked if EPA is planning to model 2011 with the newer version of CAMX? Norm replied that they would be using the version Environ talked about at the St. Louis workshop and plans to release to the public in the near future. Jim suggested EPA could provide the MJOs and states their 2011 modeling package before 2023 and 2028 modeling are done to allow work to replicate the base modeling to start. Norm replied a staged process could possibly work. Everyone agreed it was best to send materials to one state or MJO who would then ensure all others received it rather than EPA sending separately. The MJOs will discuss off line and let EPA know who the contact will be.

Theresa (CenSARA) asked Brian (OAQPS) about the source apportion modeling EPA plans to do for regional haze and if decisions regarding which sectors have been made yet. Brian responded they are looking at the same sectors in the spreadsheet Jeff V. referred to earlier in the call as a starting point and reminded everyone this will be national level, not state-by-state work. Because they may need to start prior to the next call on October 13th, he’ll prepare a description to send MJOs for initial feedback.

* 1. Other?

No one had any other topics.

1. Discussion of **Next Six/Twelve Months** activities – all
   1. Non-EGU control measures work- planned or underway
      1. EPA – Larry Sorrels (Air Economics Group)

Robin Langdon (OAQPS) explained they are drafting a spreadsheet focusing on non-EGU point sources and NOx control information, starting with the 2014 NEIV1. The spreadsheet will include tabs with a summary of the 2014 NEI; detailed information at the unit level; and NEI control codes. Examples of requested information are percent of control efficiency and updated control information. Theresa asked the states if this would be something they thought could be provided without being a resource intensive exercise. Kathy (TX) said it depended whether the information was readily available. Jim (GA) said he knew a lot of information is missing or incorrect and would be resource intensive. Julie (MARAMA) agreed. Mark (LADCO) suggested EPA prioritize the list to help states initially focus. Robin said they’d see if they could do that. Chet added the information they are looking for is information that states are required to submit to the EIS and suggested doing this exercise now will save time later (i.e., when the 2015 ozone transport work comes out). The group agreed EPA would send the draft to the Technical Collaborative Group for feedback before sending to the states (rather than use MJOs as intermediaries). The state contacts will most likely be the NEI contacts. Alison will see if the list can be shared with the MJOs who can then help facilitate state responses.

* + 1. Other work – focus for October conference call - potential presentations include Maryland OTC rules modeling, OTC boiler report, NOMAD ICI boiler group, and aftermarket catalyst analysis.
  1. Overview of ERTAC/EPA group July call – Serpil Kayin and Mark Janssen

See above.

* 1. Status of MOVES FACA group – Sarah Roberts

Sarah said the group will hold its first meeting on September 14th. The group member organizations include:

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| University of California, Riverside  EPA OTAQ |
| Georgia Department of Natural Resources/NACAA |
| Colorado Department of Public Health and Environment/NACAA |
| Texas Commission on Environmental Quality/AAPCA |
| Atlanta Regional Commission / AMPO |
| Chicago Metropolitan Agency for Planning/AMPO |
| Virginia Department of Transportation/AASHTO |
| California Air Resources Board (CARB) |
| Ozone Transport Commission (OTC) |
| Lake Michigan Air Directors Consortium (LADCO) |
| Honda |
| Alliance of Automobile Manufacturers |
| Toyota |
| American Petroleum Institute (API) |
| Manufacturers of Emission Controls Association (MECA) |
| Engine Manufacturers Association (EMA) |
| Federal Highway Administration (FHWA) |
| National Renewable Energy Laboratory (NREL) |
| Environmental Defense Fund (EDF) |
| International Council on Clean Transportation (ICCT) |
| North Carolina State University |
| University of Vermont |

* 1. Other?

There were no other topics.

1. Review remaining Action Plan activities (see attachment)

Deferred.

1. Next call – tentative - Thursday, Oct. 13th, 11:00 am – 12:30 pm eastern