

From: Tonnesen, Gail Tonnesen.Gail@epa.gov
Subject: RE: round 1 - review of 2014 NEIv2 for Regional Haze modeling
Date: May 23, 2018 at 2:51 PM
To: Tom Moore tmoore@westar.org, christine.suarez-murias@arb.ca.gov



Hi Tina, Tom,

I saw Tina's comment below about EMFAC versus MOVES for California mobile source emissions – I checked with Alison Eyth in the EPA/OAQPS emissions group and she said that for the NEI, EPA uses emissions data provided by CARB for onroad, nonroad, CMV, and rail. Alison will also be reaching out to the CARB emissions folks to see if there are any updates. So hopefully that will address any concerns about California mobile emissions. If that's not correct, please feel free to contact me or Alison.

Thanks,
Gail
303-312-6113

From: Tom Moore [<mailto:tmoore@westar.org>]
Sent: Tuesday, May 22, 2018 9:08 AM
Subject: round 1 - review of 2014 NEIv2 for Regional Haze modeling
Importance: High

Hi, all – I am sending this “broadcast” E-Mail to state members of the RHPWG, Emissions Inventory and Modeling Subcommittee members, RTOWG / OGWG / FSWG / TDWG Co-Chairs, and assorted other folks involved in the WRAP regional technical effort for Regional Haze analysis. I included the folks Tina reached out back on May 1st (below) and added others. **I ask that you share this with any other colleagues involved in the NEI reporting effort from your agency and/or with agency EI reps in your Work Groups. Stephen Coe – I'd appreciate if you could send the attached document to the WESTAR Technical Committee.**

The document specifies the near-term Round 1 regional EI review needs for the 2014 NEIv2, which will be the basis of regional modeling work this year. It also mentions upcoming, additional review needs that will be specified in future memos. The goal of these EI reviews is to more closely involve Regional Haze planners and their technical colleagues via the WRAP Work Groups in the inventories to be used for haze analysis and control measure consideration.

The near-term milestone for this initial review is Thursday June 14th. Please send all comments, including “no changes” to me and Rodger Ames at CIRA (rodger.ames@colostate.edu).

Thank you.

Tom Moore, WRAP Air Quality Program Manager
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Western Regional Air Partnership | www.wrapair2.org

From: Suarez-Murias, Christine@ARB [<mailto:christine.suarez-murias@arb.ca.gov>]

Sent: Tuesday, May 1, 2018 7:43 PM

Subject: Regional Haze Inventory Check for 2014 Base Year modeling

Greetings Again-

This is just a reminder that each western state should be looking at the 2014 NEI v.2 published by EPA in February 2018 to see if they find all the categories acceptable, as is, for regional haze modeling. Please affirm with Tom Moore (tmoore@westar.gov) by May 15 that all is OK.

If you want some categories adjusted, also let him know by then. You will need to follow up with the adjustments and a written explanation of the reason.

Consider if the adjustment is critical. For instance, Washington state noticed that a factor for dust should be different in two parts of the state with very different relative humidity and sent Tom the corrections with an explanation of their adjusted inventory category calculations. While California has not responded yet, CARB is considering whether the precise results from our EMFAC model, rather than MOBILE, should be used for regional haze modeling because mobile emissions are the largest of our anthropogenic precursor inventories. As another example, CARB staff is also evaluating whether our biogenic emissions calculated through BEGIS or MEGAN should be used or whether the difference is close enough to go with what US EPA reported.

If you have any questions about level of precision, I suggest the modelers and the emissions inventory staff in your state talk it over and then check with Tom. He and the WRAP modelers may already have tried some sensitivity runs using 2011 data that will inform the decision of which adjustments to make, if any, for a particular category.

Thanks for your help from the WRAP Regional Haze Planning Work Group Co-Chairs. Please cc us on your response too!

Tina Suarez-Murias

Jay Baker

Christine M. Suarez-Murias, AICP

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