

**DEPARTMENT OF ENERGY  
CLEAN AIR WORK GROUP (CAWG)**

**Conference Call Minutes**

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**DATE:** July 15, 2010  
**TIME:** 2:00 to 3:30 PM EDT  
**CALL-IN NUMBER:** 301-903-6013  
**PLACE:** DOE/FORS- Room 6B-104  
**CHAIR:** Larry Stirling, Office of Environmental Policy and Assistance, HS-22  
**PARTICIPANTS:** Members of the CAWG

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**2:00 Welcome and Introduction** – Larry Stirling

**2:10 Updates**

**I. Global Climate Change**

**A. Executive Order 13514**

**1. Strategic Integration Team Update – Josh Silverman**

- DOE submitted the SSPP to OMB and CEQ on June 11; document is under review by OMB/CEQ and will not be final until approved
- OMB/CEQ wants to do a coordinated roll-out of federal sustainability programs (planned for late-July or early-August), so full document will not be released until that time; pieces of information are available as needed
- DOE is planning to create SPO (Sustainability Performance Office) to implement the SSPP and oversee EO reporting and other cross-cutting sustainability issues at the HQ level; details of office are not yet known
- Can move ahead regardless because management systems from EO 13423 are already in place

**2. GreenGov Symposium – Josh Silverman**

- October 5-7, 2010, in DC at George Washington University Campus
- October 8, 2010 will be a DOE-only Sustainability Session at Forrestal
- Info at: <http://www.fedcenter.gov/index.cfm?> or <http://www.whitehouse.gov/greengov/> or contact Beverly Whitehead (Beverly.Whitehead@hq.doe.gov or (202) 586-6073) who is also coordinating the Friday DOE session

**3. Carbon Footprint Calculation Tools – Corey Buffo**

- Carbon Footprint vs. GHG Inventory: EO actually refers to a GHG inventory (footprint implies accounting for carbon sinks while inventory usually just refers to emissions)
- Now is the time to start thinking about this – several tools out there already: GSA Carbon Footprint Tool (can view demo from: <https://www.carbonfootprint.gsa.gov/>), The Climate Registry, Climate Leaders, and GreenBiz (who has a carbon management software for sale) to name a few – If you have had positive or negative experiences using any of these tools, Corey wants to hear from you: 202-586-9661, [corey.buffo@hq.doe.gov](mailto:corey.buffo@hq.doe.gov)

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- Working with FEMP to develop workbook to help do the calculations and easily upload into reporting portal – probably only for fugitives since already have a process for collecting scope 1 and 2 data.
- B. Federal Mandatory Reporting Rule** – numbers reference the slides (GHG reporting.pdf) that were provided
- No training is being provided by EPA, Larry and Chad Bourgoin will work on developing something for DOE sites.
- 2. Overview – Andrew Shroads**
- 2-5: describe 4 categories for required reporting; most DOE sites that have to report will probably fall under Tier II, (“Medium Emitters”), or Tier III (“Fuel Burning”).
  - 6: flow chart to determine rule subjectivity
  - 7: global warming potential and CO<sub>2</sub>-equivalent
  - 8: Rule applicability website: [www.epa.gov/climatechange/emissions/GHG-calculator](http://www.epa.gov/climatechange/emissions/GHG-calculator), FAQ database from EPA being developed
  - 9: Only equipment directly related to and only used for R&D is exempt
  - 10: If applicable to reporting requirement, reports due annually unless GHG emissions are reduced per cessation of reporting criteria
  - 11-13: Specific people are required to sign the report and certain paperwork must be in place at least 60 days before submitting the report; guidance will be developed for who will sign DOE facility reports
  - 14: Keep all records used to develop inventory for at least 3 years; if reporting is not required, records noting the same should be kept for the same time period
  - 15: A GHG Monitoring Plan is required to be in place
  - 16: EPA is retaining sole responsibility for enforcement of Reporting Rule
  - 17-20: Subpart C – probably applicable to all DOE sites that have to report; data collection started 1/1/2010, report March 2011
- 3. Subpart II: Industrial Wastewater Treatment – Andrew Shroads**
- 21: Only applies to anaerobic processes used to treat water from 4 specific industries; data collection begins 1/1/2011, report March 2012
- 4. Subpart TT: Industrial Landfills – Andrew Shroads**
- 22-23: Applies to industrial waste landfills that receive organic waste and meet size and date criteria; data collection begins 1/1/2011, report March 2012
- 5. Subpart DD: Electrical Equipment – Kira Darlow**
- 24-27: Applies to electric power transmission and distribution lines with total nameplate capacity >17,820 lbs
  - Applies to Power administrations - specifically defined in the Energy Information Administration, but Labs or other large users will not have to report since they do not distribute and transmit power. The distinction is to whether or not the generator and customer (user) are the same. DOE HQ will be working with EPA to ensure this distinction is part of the final rule.
  - The calculation methodology is a mass balance and is used for the Climate Registry and Executive Order.
  - Rule issuance is expected this year, record keeping and monitoring in 2011, and reporting 2011 emissions in 2012.

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**C. Tailoring Rule for Title V and Prevention of Significant Deterioration**

**1. Publication of Final Rule – Andrew Shroads** (Summary.doc provided)

- Two steps to fix PSD and Title V permit process to allow for inclusion of GHG
  - i. Step 1 begins 1/2/11 for those already in permitting process
  - ii. Step 2 begins 7/1/11 for those not already involved
- Emissions greater than 100,000 tpy (short tons) requires Title V permit and qualifies as a Major PSD; 75,000 tpy for PSD significant increase level
- Tailoring Rule will probably be challenged in court. It is possible that a court could issue an injunction to delay implementation until after the court case is settled or that Congress will pass legislation delaying or removing implementation. DOE will continue to proceed as if Rule will be implemented as scheduled

**II. Air Quality Regulations**

**A. National Ambient Air Quality Standards (NAAQS)**

**1. Revision to Sulfur Dioxide NAAQS – Andrew Shroads**

- To be based on 1 hr standard (which is more in line with ozone and particulate standards) and limit will be 75 ppb (which means areas currently in attainment may become in non-attainment)
- Some preliminary maps are available; Primarily will affect counties containing or downwind of large power plants, mostly east of Mississippi River, and mostly old industrial areas – Shouldn't affect very many DOE sites; final list will be provided after 2011
- Will look to large power plants for reductions first, then additional SO<sub>2</sub> emitting sources, (e.g. fuel burning)

**III. DOE Facility Issues – Larry Stirling**

**A. Open discussion – issues on your mind?**

- Was requested that Larry send out the common issues regarding the EPA regulatory agenda
- Boiler NESHAP was brought up – official comment period ends soon, but comments will be submitted on a staff-to-staff basis directly to EPA and not through the docket
  - i. Please send detailed comments to Larry (including any suggestions for textual revision if you have any) ASAP

**B. Volunteer for future site presentations?**

- Call Larry if interested

**3:00 Old Business**

**I. Additions/Corrections to Minutes from previous meeting**

**II. Air Pollution Training Update – Larry Stirling/Andrew Shroads**

- The process has not stopped, but has slowed significantly due to a lack of funds remaining this fiscal year; look for activity to pick up again after the start of the new fiscal year

**3:15 New Business**

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**I. Clean Air Excellence Awards Summary – Andrew Shroads**

- <http://www.epa.gov/air/caaac/recipients.html>

**Next Meeting**

September 2, 2010, 2:00 PM to 3:30 PM Eastern Daylight Savings Time

Please note, we are moving our meetings to the **first** Thursday of the month to resolve scheduling issues with the other work groups.