

## **STATE HOT TOPICS**

### **District Department of Environment Air Quality Division**

South Atlantic States Section  
AWMA  
Williamsburg, VA  
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## **OVERVIEW**

- Who are we?
- What did we do in 2008?
  - Air Quality
  - Climate Change
- What is ahead in 2009?
  - Air Quality
  - Climate Change

## DDOE/AQD – WHO WE ARE

- We are NOT the U.S. EPA
- We have both local and state functions
- Formed about 2 years ago
- Transportation accounts for up to 2/3 of air pollution in the District
- Few “industrial” sources (36 Title V sources)
  - Hospitals, hotels, universities, etc.
  - Printing
  - Two peaking EGUs
  - One coal-fired non-EGU

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## DDOE/AQD – 2008 AIR QUALITY

- State Implementation Plans
  - Annual PM2.5 - submitted
  - Regional Haze – working on
  - Two infrastructure (CAA §110(a)(2)(A)-(M)) - submitted
- NAAQS
  - New 8-h ozone – joined lawsuit
  - 24-h PM2.5 – EPA recently proposed attainment
  - New lead - ??

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## DDOE/AQD – 2008 AIR QUALITY

- Anti-idling campaign
- Regulations
  - Transportation conformity
  - NSR
  - OTC model rules
  - Incorporate CTGs
  - Update various regulations, such as drycleaners
  - Permit and emission fees

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## DDOE/AQD – 2008 AIR QUALITY

- Clean Air Interstate Rule (CAIR) vacatur
  - All CAIR, all the time
  - Had not adopted CAIR yet
  - Working with OTC, MANE-VU, MARAMA, COG to develop strategies to attain NAAQS and “save” 8-h ozone, annual PM2.5, regional haze, and infrastructure SIPs
  - BART analysis at the one eligible unit

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## DDOE/AQD – 2008 AIR QUALITY

- “Chop Shop” initiative
- Emergency Response
  - Oil spill
  - Tire fire
  - Co-located day care center and drycleaner
- Capitol Power
  - Non-EGU – heats U.S. Capitol and surrounding buildings
  - ~3,000 tons/year coal
  - A symbol in the Climate Change arena

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## DDOE/AQD – 2008 CLIMATE CHANGE

- Green Building Act
- Revising building code
- CALEV
- Comment on greenhouse gas (GHG) ANPR
- Began District sustainability plan
- Clean and Affordable Energy Act
  - Sustainable Energy Utility
- GHG inventories
  - Supported Council of Government (COG) regional inventory
  - Began District inventory

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## DDOE/AQD – 2009 AIR QUALITY

- Begin work on 24-hour PM2.5 and 8-h ozone SIPs with regional planning organizations (RPOs)
- Work with RPOs to figure out response to CAIR vacatur and/or reinstatement and revise 8-h ozone, annual PM2.5, regional haze, and infrastructure SIPs as needed
  - Does the District in fact make significant contribution downwind?
- Ongoing review of existing District regulations and need for new regulations (e.g., generators, co-location of drycleaners, small boilers)

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## DDOE/AQD – 2009 CLIMATE CHANGE

- Complete GHG inventory
- Develop climate action plan
- Complete sustainability plan
- Revise zoning code for sustainability
- Address Capitol Power permit
  - Can we ban coal use?
  - How to include GHG emissions?

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