

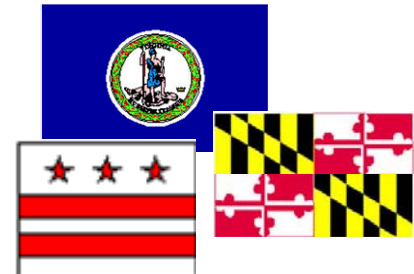
# 8-Hour Ozone SIP Control Measures

Jeff King  
MWAQC  
March 15, 2007



# Control Measures

- Federal
- State Regulations
- Local Voluntary Initiatives
- Episodic Programs (WOE)
- Voluntary Programs (WOE)





# Federal Programs

- Clean Air Interstate Rule (CAIR)
- On-road Vehicle Emission Standards
- Off-road Equipment Emission Standards





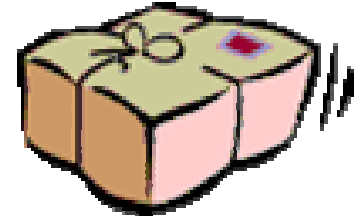
# State Regulations

- Ozone Transport Commission Model Rules
  - Portable Fuel Containers
  - Industrial Adhesives and Sealants
  - Consumer Products
- Rule Benefits from 1-hour Ozone SIP





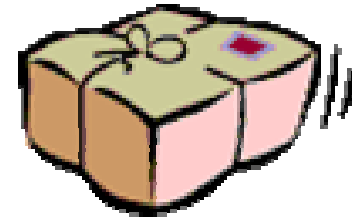
# Local Initiatives ("Bundle")



- Expanded or New Programs:
  - Wind Energy Purchases
  - LED Traffic Signal Retrofits
- Included, with no credit:
  - Renewable Portfolio Standards
  - Building Efficiency/Green Buildings
  - Urban Tree Canopy



# Local Initiatives ("Bundle")

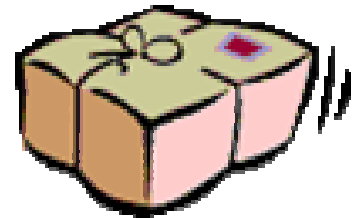


- Commitments carried over from 1-hour ozone SIP:
  - Locomotive Idling Reduction
  - Gas Can Replacements
  - Low VOC Paints
  - Remote Sensing



# Inclusion of Voluntary Bundle in the SIP

- Emission Benefits (2009)
  - 0.30 tpd NO<sub>x</sub>
  - 0.19 tpd VOC
- Annual Reporting Requirement
- Periodic True-up Evaluation



# Additional Voluntary Programs

- Programs for Weight of Evidence:
  - Episodic Programs
  - High Electricity Demand Day Initiative
  - Urban Tree Canopy
  - Telecommute Initiatives





# Low-Emission Vehicle Purchases and Diesel Retrofits

- Potential Emission Benefits
  - $<0.30$  tpd VOC for Diesel Retrofits
  - $<0.003$  tpd NO<sub>x</sub> for LEV Purchases
- Credits can be used for Transportation Conformity or the SIP, not both.



# For Further Information

- Please see the following website:

<http://sharepoint.mwcog.org/airquality/default.aspx>

