



# Stationary and Area Source Committee Update

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OTC Annual Meeting

May 24, 2012

Alexandria, VA

# The Charge to the Committee

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- At the November 2011 Fall Meeting, the Commission charged the SAS Committee with continuing the development of the following control measures:
  - Municipal Waste Incinerators
  - Coal Fired Boilers Serving EGUs
  - Vapor Controls at Gasoline Service Stations
  - Industrial, Commercial, Institutional (ICI) Boilers
  - Energy Efficiency Strategies
  - Solvent Degreasers
  - Consumer Products
  - Natural Gas Compressor Facilities

# Today's Presentation

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- Committee focus
  - What we are doing now
- Updates on measures still under development
  - Municipal Waste Incinerators, Coal Fired Boilers, ICI Boilers, Vapor Controls, Energy Efficiency Strategies, Natural Gas Compressor Stations
- Measures completed or near completion
  - Solvent Degreasing, Consumer Products
- Measure development process moving forward

# Committee Activities

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- Research and data collection
- Economic analysis
- Stakeholder outreach
- Collaboration with other states on issues
- Completing action on remaining measures
- Revisiting and updating adopted measures
- Analyzing EPA proposals
- Discussing adoption and implementation issues
- Identifying new candidate measures

# Completed Measures

- Consumer Products Update
  - Developed white paper on the potential inclusion of Paint Thinners and Multipurpose Solvents in the model rule for the June 2011 Meeting at the request of industry stakeholders;
  - Consulted with SCAQMD, sought stakeholder input, developed recommendation on Tire Shine products;
  - Released draft model rule March 2012;
  - The Committee estimates 18-27 TPD in VOC reductions from this rule, and believes it is a cost effective measure;
  - Revised final model rule released.



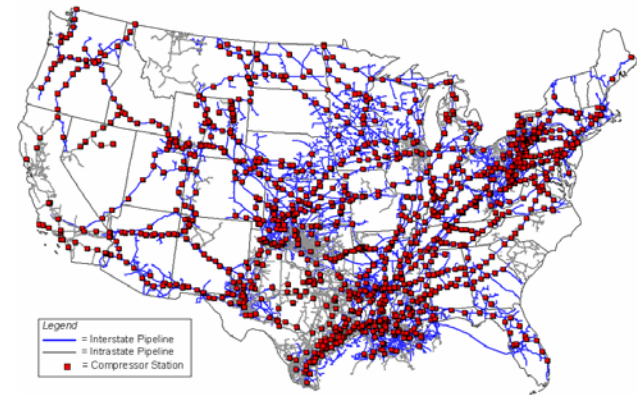
# Completed Measures

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- Solvent Degreasing
  - Released updated draft model rule March 2012 - see rule for comprehensive list of changes in response to stakeholder comments from 2011;
  - 150 g/L limit for cold cleaning printed circuit boards;
  - Forgoing additional regulation of vapor degreasing in relation to 2001 rule;
  - Compliance date of 1/1/14;
  - The Committee estimates 81 TPD in VOC reductions from this rule, and believes this is a cost effective measure;
  - Released final draft model rule.

# Measures Nearing Completion

- Oil and Gas Sector
  - Developed draft white paper focusing on pipeline prime movers, released at June 2011 Meeting;
  - Conducted extensive stakeholder outreach and calls;
  - Released Draft Model Rule for November 2011 Fall Meeting, focusing on large prime movers;
  - Drafted Technical Support Guidelines with expanded focus.



# Status of other Measures

- Municipal Waste Incinerators
  - Goal to coordinate with EPA action;
  - EPA MACT delayed;
  - The Committee is considering options for possible action.
- Coal Fired Boilers Serving EGUs
  - Evaluating EPA’s Cross-State Air Pollution Rule (CSAPR) and the impacts of the stay of the rule;
  - The Committee is considering options for possible action.





# Status of other Measures

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- Industrial, Commercial and Institutional (ICI) Boilers
  - The Committee is considering options for possible action.
- Vapor Controls from Gas Stations
  - Gathering information from states;
  - Meeting with vendors;
  - Reviewing cost/benefit data;
  - Evaluating study done by CT;
  - Tracking state specific efforts.



# Status of other Measures

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- Energy Efficiency Strategies
  - Focus on commercial building for profitable retrofits;
  - Workgroup has developed emissions reduction estimates and strategy options;
  - OTC initiative has the potential to reduce 100 tons of NO<sub>x</sub> per day
  - High cost effectiveness with 2-4 year return on investment
  - Draft white Paper issued.



# Measure Development Process Moving Forward

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- Next Steps for the Committee
  - Additional sector specific calls with stakeholders;
  - Update measures as needed;
  - Develop screening modeling inputs, sharpen emission reduction estimates, develop economic analysis tools;
  - Continue to finalize white papers and technical support documents;
  - Continue evaluation of and comments on EPA proposals as appropriate;
  - Respond to Commission's charge.

# Updating the Charge to the Committee

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- Where should the Committee go next?
  - Develop a workplan for economic assessment of a proposed measure;
  - Examine Coal Fired Boilers and ICI Boilers as options for transport;
  - Move forward on Municipal Waste Incinerators;
  - Continue work on and development of white papers for Vapor Controls.



# Questions?



# Questions?

