

# OTC / MANE-VU Annual Meeting

Wilmington, DE

June 11, 2019

Tad Aburn, Air Director, MDE  
Acting Chair, OTC Mobile Sources Committee



## Overview

- Thanks to Past Chair - Christine Kirby (MA)
- Heavy Duty Diesel Vehicles (HDDV)
- Aftermarket Catalysts
- Idle Reduction
- Other Critical Mobile Sources Initiatives
  - Volkswagen Settlement
  - Transportation Climate Initiative (TCI)
  - Zero Emission Vehicles (ZEV) Task Force (MOU Partnership)
  - Electric Vehicle (EV) Efforts
  - Individual State Efforts

## Thanks to Christine Kirby

- Chair for over 3 Years
  - Recognition at OTC Annual Meeting on June 11
- Major contributor to OTC & ozone progress in the Ozone Transport Region (OTR)
- Known for her collaboration with key stakeholders
- Moving onto greener pastures – we will continue working with her
- Mobile Sources Committee now in transition
  - Tad Aburn from Maryland acting as interim Chair

A bright sun is positioned in the upper right quadrant of the image, casting rays across a clear blue sky. Several large, fluffy white clouds are scattered across the middle and lower portions of the frame. The overall scene is bright and clear, suggesting a sunny day.

# COMMITTEE PRIORITIES

# Mobile Sources Committee - Heavy Duty Diesel NOx Regulations

## Current Highest Priority

- Past OTC Actions
  - [Statement of the OTC & MANE VU regarding expediting adoption by the EPA of more protective heavy duty NOx Emission Standards](#) June 7, 2018
- California already moving on NOx standards for heavy duty vehicles
- On February 29, 2019 - EPA announced the Cleaner Trucks Initiative
- Large potential NOx reductions - Critical for areas like NJ/NY/CT
- OTC communication in the works:
  - Need for continued regional NOx reductions
  - Need for strong and timely standards
  - Need for Federal leadership
  - Need for collaboration with states, industry and others

# Mobile Sources Committee - Aftermarket Catalysts

## Another Hot Issue at OTC and EPA

- Again ... significant regional NOx reductions possible
- Past Actions
  - [Letter to the EPA regarding their Tampering Policy](#) December 31, 2018
    - EPA releases its “[Preview of the Draft “EPA Tampering Policy” for Stakeholder Awareness](#)” September, 2018
  - [Letter to Administrator Wheeler regarding working together with states to solve regional ozone transport issues](#) - August 20, 2018
    - Admin. Wheeler’s Response to OTC, Feb 12, 2019
  - [Letter to EPA Administrator Pruitt Concerning the Federal Aftermarket Catalytic Converter Enforcement Policy](#) - August 21, 2017
  - [Statement of the OTC Requesting that the EPA Update the Federal Aftermarket Catalytic Converter Policy](#) - June 6, 2017
- OTC working on communications to EPA and EPA regional offices



# Mobile Sources Committee - Idle Reduction

## Implementing the OTC Resolution of November 2017

- Almost all OTC states implementing some initiative, varies by state
- OTC coordinating the sharing of best practices
- Three examples:
  - **DC** - Using thermal imaging camera attachments so enforcement can inexpensively & accurately document idling.
  - **NJ** - Longstanding anti-idling program using signs as a way to educate.  
<https://www.stophesoot.org/sts-no-idle-sign.htm>
  - **MD** - The “Idle Free MD” Program in Partnership with Maryland schools & the Maryland Motor Truck Association (MMTA)  
<https://mde.maryland.gov/programs/Air/MobileSources/idlefreeMD/Pages/index.aspx>



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**INCREASED COLLABORATION**



## Multiple other non-OTC efforts to provide significant NOx Reductions & Ozone Benefits

- OTC states to collaborate in these other mobile source initiatives to insure ozone co-benefits are maximized
  - Volkswagen (VW) Settlement
  - Transportation and Climate Initiative (TCI)
  - Zero Emission Vehicles (ZEV) Task Force
  - State Electric Vehicle (EV) Initiatives

# Mobile Sources Committee – Volkswagen Settlement

- Expect very meaningful NOx Reductions, Ozone Benefits, & Toxics (diesel particulate) benefits.
- Many benefits in underserved communities & environmental justice areas.
- Significant investment into electrification and EV infrastructure included in many OTC state mitigation plans.

State	\$ Million		State	\$ Million
CT	55.0		NJ	72.2
DC	8.1		NY	128.0
DE	9.6		PA	118
MA	75		RI	14.3
MD	76.0		VA	94.0
NH	30.9		VT	18.7

## TCI Related Initiatives

- Partnership involving all 13 OTC member jurisdictions
  - Staffed by Georgetown Climate Center
- A “Cap-And-Invest” program similar to RGGI but for the transportation sector
- Driven by reducing greenhouse gas emissions, but likely to generate significant NOx reductions & ozone co-benefits
- Intense program development process through the end of the year
- Multiple opportunities for stakeholder involvement
- <https://www.transportationandclimate.org/>

## ZEV Initiatives

- A 9 state (7 OTC states) partnership supported by NESCAUM
  - CA, CT, MA, MD, NJ, NY, OR, RI, VT
  - Some other OTC states participating informally
- Driven by ZEV requirements under CAA Sec. 177
- Potentially significant NOx reductions & ozone benefits
- Initiative includes Partnerships with private sector, outreach & education, & much more
- 2018 to 2021 Action Plan released in 2018
- <https://www.zevstates.us/>

# Mobile Sources Committee - Electric Vehicles (EV) Initiatives

## Other Ozone Related Individual State Actions - Potentially significant NOx reductions & ozone benefits

State	Programs, Incentives, & Other Initiatives - A Few Examples
CT	CHEAPR Incentive Program; EV Roadmap; VW Grant Program
DC	“Clean Energy DC Omnibus Act of 2018” Tax based on vehicle fuel efficiency, allows GHG tax on fuel if MD and VA do too. 11 EV Actions from “Clean Energy DC” Action Plan.
DE	Electric Vehicles are handled by the Division of Energy, Coastal and Climate
MA	VW charging station grants, MassEVolves recognizing leaders in the transition to clean transportation, Ride and Drives, MOR-EV (Massachusetts Offers Rebates for Electric Vehicles), Make-Ready programs by 2 largest electric utilities
MD	2019 update to Governor’s Clean Car Act; Expanded vehicle and infrastructure tax incentives; EV Council.
NH	EV Charging Stations Infrastructure Commission; EV Signage Policy; EVSE Universal Access Statute (Payment); Requirement for Public EVSE to Register on AFDC.
NJ	Sales tax exemption, Ride & Drives, <i>Drive Change</i> . <i>Drive Electric</i> campaign, It Pay\$ to Plug In EV charging grant program.
NY	EVSE incentives (EVolve NY, Charge Ready NY, Municipal Rebates, proposed VW); PEV rebates (Drive Clean Rebate for Plug-In Electric Cars, Municipal Rebates, NY Truck Voucher Incentive Program); Utility DCFC incentive program; consumer & dealer outreach.
PA	Max 15% of VW settlement given to EV infrastructure; Formed Drive Electric Coalition that developed a final EV Road Map in Feb; Grant rebate program for residents to partially fund EV purchases; Grant program to partially fund large vehicles purchases & EV infrastructure build out.
RI	DERA grants awarded to marine engine & on-road sector replacements.
VA	2018 update to Virginia Energy Plan with recommendation for electrification & greening of public fleets.
VT	2019 legislation providing EV incentives. VW Settlement funded programs: EVSE Grants and Electric School & Transit Bus Pilot.

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QUESTIONS?