

# OTC / MANE-VU Stakeholder Webinar

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## Overview

- Priority
  - Heavy Duty Diesel Vehicles (HDDV)
- Ongoing Initiatives
  - Anti-Tampering/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

A bright blue sky with a sunburst effect and scattered white clouds. The sun is positioned in the upper right quadrant, creating a strong lens flare and illuminating the scene. The clouds are fluffy and white, scattered across the sky. The overall mood is bright and clear.

# COMMITTEE PRIORITIES

## Current Highest Priority – A Little Background

- November 2018 EPA announces the Cleaner Truck Initiative
  - Purpose is to update NOx standards for highway heavy-duty engines
- NOx is the most significant contributor to high ozone in the Ozone Transport Region (OTR) – Very important to NJ/NY/CT. Very strong science on this issue
- Heavy-Duty Diesel Trucks are one of the major NOx emitting source categories in the OTR – A transport issue and a local contribution issue
- California already moving on NOx standards for heavy duty vehicles
- EPA signed ANPR on 1/6/20 and it was published in Federal Register on 1/27/20. Comment period ended 2/20/20
- OTC, NACAA, and many states provided comments urging need for feasible, stringent new standards

## OTC Communications on this Issue

- Earlier 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
- Recent Actions:
  - [Comments to EPA on ANPR Control of Air Pollution from New Motor Vehicles: Heavy-Duty Engine Standards](#) February 20, 2020
  - [OTC letter to EPA asking them to update standards of emissions for NOx](#) August 28, 2019

## Likely Action Item at June OTC Meeting

- Likely to be one of the priority action items for the OTC Annual meeting in June
- Likely to focus on:
  - Clear need for deep NOx reductions
  - Technologically feasible but stringent standards
  - Collaboration with OTC and other states
  - Harmonization with the CA effort
- Very anxious to work with stakeholders as we build this action for June

A bright sun is positioned in the upper right quadrant of the image, casting a strong glow and creating a lens flare effect. The sky is a deep, clear blue, and several large, fluffy white cumulus clouds are scattered across the scene, particularly on the left and right sides. The overall atmosphere is bright and clear.

**ONGOING OTC EFFORTS**

# Mobile Sources Committee - Aftermarket Catalysts

## An Ongoing OTC Effort - Was a Hot Issue at OTC and EPA in 2019 *EPA effort on Aftermarket Catalysts Appears to be Stalled*

- 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



## What Happened to the EPA Effort on Aftermarket Catalysts

- EPA is focused on the vehicle tampering issue
  - This is good and several OTC states are working closely with EPA
- EPA does not appear to be doing anything to update federal policies for aftermarket catalysts
  - Very frustrating to OTC and many manufacturers
- Several OTC states are now working to adopt state aftermarket catalyst rules based upon the OTC model rule
  - New York and Maine already have rules on the books
  - Connecticut, Maryland and New Jersey are working to adopt similar rules

# Mobile Sources Committee - Anti-Tampering

## **A Priority in Many OTC States** ***Working in Partnership with EPA***


- Over the past year, EPA has taken action on over 40 facilities
  - Aftermarket equipment manufacturers, dealers, and shops
  - Over \$2 million in penalties
- Many OTC states are working in partnership with EPA on this issue
- Recent cases in OTC states have resulted in penalties as high as \$150,000
- State and federal enforcement activity in this area will continue to increase

# Mobile Sources Committee - Idle Reduction

## An Ongoing OTC Effort ... Implementing the 2017 OTC Resolution

- Almost all OTC states implementing some initiative, varies by state
- OTC coordinating efforts by sharing 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.stopthesoot.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>





**OTHER CRITICAL MOBILE SOURCE INITIATIVES  
THAT THE OTC STATES ARE INVOLVED IN**  
A  
*SIGNIFICANT POTENTIAL OZONE BENEFITS*

# Mobile Sources Committee - Increased Collaboration

**There are multiple other high priority mobile source efforts that are not driven by OTC but expected to provide significant NOx reductions and ozone benefits**

- OTC states are very involved in these other mobile source initiatives to insure ozone co-benefits are maximized
  - The Volkswagen (VW) Settlement
  - The Transportation and Climate Initiative (TCI)
  - The Zero Emission Vehicles (ZEV) Task Force
    - New effort on medium and heavy duty ZEV
  - State Electric Vehicle (EV) Initiatives

# Mobile Sources Committee – Volkswagen Settlement

- Expect very meaningful NOx reductions, ozone benefits and air toxics (diesel particulate) benefits.
- Many benefits in overburdened communities and environmental justice areas.
- Significant investment into electrification and EV infrastructure included in many OTC state mitigation plans.
- OTC Mobile Source Committee report for OTC annual meeting will include an update on these efforts
  - NOx reductions
  - Electrification
  - More

State	\$ Million		State	\$ Million
CT	55.0		NJ	72.2
DC	8.1		NY	128.0
DE	9.6		PA	118.0
MA	75.0		RI	14.3
MD	76.0		VA	94.0
ME	21.0		VT	18.7
NH	30.9		TOTAL	720.8

## Very High Priority for Some OTC States

- Partnership involving most of the 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 and ozone co-benefits
- Intense program development continues - Stakeholder participation welcome
- OTC Mobile Source Committee report for OTC annual meeting will include an update on this effort and ozone co-benefits

<https://www.transportationandclimate.org/>

## Light-Duty ZEV Initiatives

- A 10 state (8 OTC states) partnership supported by NESCAUM
  - CA, CT, ME, MA, MD, NJ, NY, OR, RI, VT
  - Some other OTC states participating informally
- Signatory states have adopted ZEV under CAA Sec. 177
- Potentially significant NOx reductions and ozone benefits
- Initiative includes partnerships with private sector, outreach & education, and much more
- 2018 to 2021 Action Plan released in 2018
- Effort is overseen by the ZEV Task Force
- <https://www.zevstates.us/>



## New MHD ZEV Initiative

- On December 12, 2019 several OTC states signed a Statement of Intent to develop a multi-state memorandum of understanding (MOU) to support and accelerate the deployment of medium- and heavy-duty ZEVs through a collaborative process facilitated by the Northeast States for Coordinated Air Use Management (NESCAUM)
- Eight states - CA, CT, ME, MA, NJ, OR, RI, VT and the District of Columbia - signed the Statement
- Other states in the OTC are considering signing onto the MOU
- The ZEV Task Force will oversee the effort
- Timing - Spring/Summer 2020

## A Very Hot Area of Activity

- Many OTC states are experiencing an unprecedented level of interest in all areas linked to electrification of the transportation sector
- Linked to VW, linked to the ZEV MOU partnership, linked to TCI
- More importantly many states are moving forward with state laws and other state programs to try to drive the electric vehicle market
  - Incentive for vehicles
  - Incentives for infrastructure
  - Partnerships with manufacturers and dealers
- OTC Mobile Source Committee report for OTC annual meeting will include an update on these efforts
  - Legislation, incentives, partnerships ... more

A bright sun is positioned in the upper right quadrant of the image, casting a strong glow and creating a lens flare effect. The sky is a clear, vibrant blue, with several large, fluffy white cumulus clouds scattered across the upper half. The lower half of the image is a solid, clear blue sky. The word "QUESTIONS?" is centered in the lower half of the image in a white, bold, sans-serif font with a thin blue outline.

QUESTIONS?