

# Mid-Atlantic Diesel Collaborative



[www.dieselmidatlantic.org](http://www.dieselmidatlantic.org)

## Overview

### Mid-Atlantic Dray Truck Discussion Group

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MARAMA

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# Mid-Atlantic Regional Dray Truck Discussion Group Meeting



- Meeting Purpose and Attendees
- Overview of Mid-Atlantic Programs
  - Maryland, Virginia, and Philadelphia
- Regional Dray Truck Project
- Meeting Take-always
- Next Steps for Dray Truck Efforts

# Meeting Purpose and Attendees



## Purpose

- Bring together practitioners who facilitate a variety of port-related diesel emissions
- Provide a forum for practitioners to share information, network, and identifying challenges.
- Have a an improved understanding of regional dray truck initiatives and insight into improving individual programs.

# Meeting Purpose and Attendees



## Attendees

- Representatives from Virginia Port Authority, Maryland Port Administration, Port of NY/NJ, and Philadelphia Port
- Dray program staff from Virginia Clean Cities, MARAMA, Maryland Environmental Finance Center, Clean Air Council and others.
- Active carrier, the Evans Network of Companies

# Mid-Atlantic Programs -- Maryland



## Grantee

- MD Environmental Service, ARRA \$500,000

## Partners

- MD Department of the Environment
- Environmental Finance Center
- Port of Baltimore
- TA Engineering
- Maryland Motor Transit Association
- ACK, LLC
- Council of Supply Chain Management

# Mid-Atlantic Programs -- Maryland



- Program Details

- Replacement - (25% to MAX \$30,000) and meet or exceed 2004 emission standards
- Repower - 75% to MAX \$25,000, Meet or exceed 2004 emission standards
- Retrofits - 100% for DOC or DPF, no \$ limit

- Fourteen applications were received, some for multiple trucks.

- Once application accepted it was transferred to MES for procurement

# Mid-Atlantic Programs -- Maryland



- Outreach was covered in advance through a previous grant from EPA and funds that were leveraged by the Port.
- Planning for the outreach strategy began in June 2008.
- A questionnaire was designed to determine
  - What do drivers know?
  - Which technologies do they favor?
  - How many miles do they travel.
  - What are their destinations.
  - What does their MPG look like
  - How many times do they call on the port.

# Mid-Atlantic Programs -- Virginia



## Grantee

- Virginia DEQ, DERA (~\$400K), ARRA (~950K)

## Partners

- Mid-Atlantic Regional Air Management Assoc.
- Virginia Clean Cities (VACC)
- Virginia Port Authority (VPA)
- Small and Mid-sized Carriers



# Mid-Atlantic Programs -- Virginia



## Program Details – Green Operator

- Replacements up to \$15,000 per vehicle 2007 MY or later
- Retrofits up to \$6,000 per vehicle
- VACC is “boots on the ground”
- Currently have agreements to replace or retrofit 212 trucks.
- Participants fill out application and send to MARAMA.
- Once accepted, MARAMA issues an agreement to reserve the funds until the retrofit or replacement is completed
- Issue rebate for the retrofit or replacement after participant documents that the equipment was installed or the new vehicle purchased, and the old vehicle scrapped

# Mid-Atlantic Programs -- Virginia



- Program builds on VPA efforts to reach dray trucks.
- Provides signage via a high quality decal with GO logo.
- VPA is looking at operational incentives for dray carriers now that the 200 truck mark has been reached.
- Lots of hand holding and patience needed

# Mid-Atlantic Programs - Philadelphia



## Grantee

- Clean Air Council, DERA \$350K

## Partners

- Evans Network of Companies

# Mid-Atlantic Programs - Philadelphia



## Project Development

- Background research for this program was funded by an EPA CARE (Community Action for a Renewed Environment) LEVEL II grant.
- Stakeholder process determined that emissions from dray trucks serving the Port of Philadelphia was a critical issue.
- Funding to retrofit approximately 60 trucks in the Delaware Valley.

# Mid-Atlantic Programs - Philadelphia



## Challenges

- Dealing with changes to EPA verified list for technologies. Want best available control technology; would have used Donaldson DMFs, but the technology was “de-verified.”
- Conducted small survey for owner/operators but the survey didn’t get much interest.
- Coordinating with other interests amid budget cuts.
- Competing with other pressing issues within the region.

# Mid-Atlantic Dray Truck Project




- Grantee
  - MARAMA
  - EPA SmartWay Finance Grant for \$3.9 million
- Partners
  - VPA, VA CC, Evans, others
- Replace older Port Drayage trucks (model year 1997 and older).
- Reduce the cost of a 2004 or newer model year truck

# Meeting Take-aways



- The need for appropriate incentives for dray trucking community
- General mistrust of government among the dray trucker community
- Technical issues
- Consistency and competition among East Coast ports in dray truck emissions reduction efforts
- Making programs sustainable

# Next Steps

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- Bridge with Southeast Ports
  - Build on existing programs
  - Host an online dray truck forum
  - Maintain local focus but benefit from regional efforts and national experience.