Overview
Mid-Atlantic Dray Truck Discussion Group
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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

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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.

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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

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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

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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

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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.

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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

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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

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Mid-Atlantic Programs - Philadelphia

Grantee
– Clean Air Council, DERA $350K

Partners
– Evans Network of Companies

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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.
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.

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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

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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

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Next Steps

- 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.