Volkswagen NOx Mitigation Program: Round 1 Selections

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Program Structure

- Mitigation Plan submitted to Wilmington Trust (WT) on 04/26/18
- Eligible projects in CT Mitigation Plan track Appendix D-2 of Trust Agreement excluding EVSE
- $7.5M offered for first round of solicitations; maximum allowed by trust is $12.4M for this year
- Matching funds required for all projects
- Awardee and DEEP enter into a project implementation plan with milestones, payment from third party (WT) after project completion
Process Summary

- Project Solicitation May 30 - July 31, 2018
- 56 proposals received, requesting $31.7M
- 10 Proposals selected, funding $12.2M
- Project implementation plans are being finalized for accepted projects
- Project completion by March 31, 2020
- Payment from WT; no state contracts required
Applicants

* Proposals Selected for funding

- All American Waste
- Allstar paving
- Atlas Concrete Products
- Bemer Petroleum, Inc.
- Block Island Express
- Borough of Naugatuck
- Bozzuto's Inc.
- City of Bridgeport
- City of New Haven
- CT Dept. of Correction
- CT Dept. of Transportation
- DATTCO
- Dean Foods
- Durham School Services
- Eder Brothers, Inc.
- Fibre Optic Plus
- First Student, Inc.
- Globe Equipment, Co
- H.I. Stone & Son
- Hocon Gas, Inc.
- John DeGrand & Son
- Kay's Trucking
- M&J Bus, Inc.
- Mashantucket Pequot
- Peter Carlucci Excavating
- Reliable Oil & Heat
Applicants

Simsbury Public Schools
Student Transportation of America
SYSCO Leasing
The Metropolitan District
Thimble Islands Ferry
Town of Beacon Falls
Town of Bozrah
Town of Burlington
Town of Cheshire
Town of Greenwich
Town of Madison
Town of New Milford
Town of Plainville
Town of Plymouth
Town of Portland
Town of Southington
Town of Stafford Springs
Town of West Hartford
Town of Westport
Trash-Away, Inc.
University of Connecticut
USA Hauling & Recycling
Windsor Sanitation

* Projects selected for funding
Evaluation Criteria

Program Focus

– Maximize NOx reduction
– Incentivize fleet transformation
– Prioritize emission reductions in EJ communities
Evaluation Criteria

Connecticut Criteria:

- Annual NOx Reductions in tons
- Lifetime Cost Effectiveness $/ton NOx reduced
- Lifetime NOx Reduced in tons
- EJ Community
- Potentially Transformative
- Cost Share above required minimum
- Nonattainment, NY/NJ/CT
- Anti-Idling Program
Overview of Selected Projects

10 Projects Selected

- 2 School Bus Projects: total 52 school buses
- 2 Electric Bus Projects: total 14 buses
- 4 Commercial Truck Projects: total 51 trucks
- 1 Commercial Ferry Repower: replacing 6 engines on 1 vessel
- 1 CNG Refuse Truck Project: total 17 diesel trucks replaced by CNG trucks
Projects Selected

Block Island Express:

• Replace four, MY 2003, Tier 1 Propulsion engines on the *M/V Cecilia Ann* with EPA Tier 3 Certified Engines.

• Replace two, MY 2011, Tier 1 Auxiliary engines (generators) with Tier 3 equivalents.

• Award: $971,720

• Awardee’s Cost Share: $1,457,580

• Location: New London and Long Island Sound
Projects Selected

Bozzuto's Incorporated:

• Replace 33 Class 8 MY 1999 diesel trucks (tractors) with 2019 MY diesel equivalents.
• Replace 2 Class 8 MY 2000 diesel yard tractors with 2019 diesel equivalents.
• Award: $1,050,000
• Awardee’s Cost Share: $3,150,000
• Location: Cheshire and statewide
Projects Selected

CT Department of Transportation:

• Replace 12 Diesel Transit Buses with 12 Electric Transit Buses.
• Install associated charging infrastructure.
• Award: $4,901,169
• Awardee’s Cost Share: $10,172,211
• Location: New Haven
Projects Selected

Durham School Services, Stratford:
• Replace 23 MY 2005 diesel school buses with MY 2019 equivalent diesel school buses.
• Award: $488,553
• Awardee’s Cost Share: $1,349,086
• Location: Stratford
Projects Selected

Eder Brothers, Inc.:

- Award: $157,500
- Awardee’s Cost Share: $472,500
- Location: West Haven and statewide
Projects Selected

**First Student, Inc.:**

- Replace the 29 oldest diesel school buses in the proposal (MY 2006) with MY 2019 diesel equivalents.
- Award: $1,674,023
- Awardee’s Cost Share: $901,397
- Location: Hartford, Middlebury/Southbury and Ellington
- This is partial funding of an initial proposal to replace 114 diesel school buses in Ellington, Hartford and Middlebury/Southbury
H.I. Stone and Son:

• Replace seven, MY 1995-2006, Class 8 diesel trucks with MY 2019 equivalents.
• Award: $303,200
• Awardee’s Cost Share: $909,600
• Location: Southbury and statewide
Projects Selected

John DeGrand & Son, Inc.:
• Replace two, Class 7, MY 2007 & 2008 diesel delivery trucks with MY 2019 equivalents.
• Award: $61,250
• Awardee’s Cost Share: $183,75
• Location: West Haven, statewide and New England
University of Connecticut, Storrs & Stamford:

- Replace two MY 2005 diesel shuttle buses with full electric shuttle buses.
- Install associated charging infrastructure.
- Award: $1,378,000
- Awardee’s Cost Share: $742,000
- Location: Stamford & Storrs
Connecticut Department of Energy and Environmental Protection

Projects Selected

USA Hauling & Recycling:
• Replace 17 Class 8, diesel refuse trucks with 17 Class 8, CNG-powered refuse trucks.
• Award: $1,203,250
• Awardee’s Cost Share: $3,609,750
• Location: Hartford, New Haven, Middlesex and Litchfield Counties
Summary of Total Benefits

From the 10 selected projects

- Annual NOx Reduction: 74.3 tons
- Lifetime NOx Reduction: 144.7 tons
- Lifetime CO2 Reductions: 7,600 tons
- Lifetime VOC Reductions: 10.3 tons
- Lifetime PM2.5 Reductions: 6.6 tons
- Cost Effectiveness, VW share: $84,234/ton of NOx reduced
More to Come

- Additional rounds of VW funding in the future
- Also, 15% of the available VW funds have been set aside for a future EV Infrastructure Program
- Sign up on DEEP’s VW webpage to receive notification of new solicitations
  
  www.ct.gov/deep/vw
Questions?
Contact Us

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