Connecticut Department of Energy and Environmental Protection
Volkswagen NOx Mitigation Program: Round 2 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
- Awardee and DEEP enter into a project implementation plan with milestones
- Plans are submitted to WT after execution to expedite payments, which come directly from WT to grantees after project completion.
Round 2 Overview

• Funding of **$7.5 Million** available for this round
• Open to **government** and **non-government** entities
• Matching funds required for **all** projects
• This is a **reimbursement** program
• Funding awarded through an open competitive and transparent process
• Awards announced in time to allow unsuccessful applicants the opportunity to apply for DERA funds
Process Summary

• Project Solicitation August 1 – September 16, 2019
• 29 proposals received, requesting $21.9M
• 15 Proposals selected, funding $6.2M
• 11 Applicants re-submitted their proposals for DERA funding
• Project implementation plans are being finalized for accepted projects
• Project completion by May 31, 2021
• Payment from WT; no state contracts required
Applicants

- Town of Bloomfield
- Bozzuto’s, Inc.
- Town of Burlington
- CT Dept. of Transportation
- DATTCO
- Town of East Hartford
- Eversource Energy
- F&F Concrete Products
- First Student
- Fisher Island Ferry District
- H.I. Stone & Sons
- Hocon Gas
- Kay’s Trucking
- Town of New Milford
- Oxitron, Inc.
- Town of Plainville
- R+L Transfer, Inc.
- Student Transportation of America (STA) – Groton
- STA - Naugatuck
- City of Stamford
- State Line Propane
- Sysco Leasing
- Tirollo Bus
- USA Waste & Recycling
- Town of Weston
- Town of Westport
- Yale University

* Proposals 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
• Lifetime GHG Reduced in tons
• Potentially Transformative (Encourage EV Adoption)
• Cost Share above required minimum
• Nonattainment, NY/NJ/CT
• Anti-Idling Program
Overview of Selected Projects

15 Projects Selected

- 3 School Bus Projects: total 31 school buses (1 EV)
- 2 Electric Bus Projects: total 2 buses
- 7 Commercial Truck Projects: total 44 trucks (4 propane)
- 1 Municipal Refuse Truck Project: 2 CNG & 2 diesel trucks
- 1 Commercial Ferry Repower: replacing 4 engines on 1 vessel
- 1 CNG Refuse Truck Project: total 8 diesel trucks replaced by CNG trucks
Projects Selected

Bozzuto's Incorporated:

- Replace five (5) Class 8 diesel-powered tractors, the oldest in the proposal, with MY2021 diesel-powered equivalents.
- Award: $175,000
- Awardee’s Cost Share: $525,000
- This is partial funding of an initial proposal that included thirty-seven additional tractors with newer model years.
Projects Selected

CT Department of Transportation:

• Replace one (1) Diesel Transit Bus with 1 Electric Transit Bus.
• Install associated charging infrastructure.
  Award: $576,225
• Awardee’s Cost Share: $1,623,775
• Location: Windham, CT
Projects Selected

DATTCO:

• Replace one (1) Class 4 MY2009 diesel powered school bus with a MY2020 electric-powered school bus.
• Install associated charging infrastructure.
• Award: $122,689
• Awardee’s Cost Share: $169,268
• Location: Middletown, CT
Projects Selected

Eversource Energy Service Company

• Award: $326,083
• Awardee’s Cost Share: $978,247
• Location: Berlin, Hartford and Torrington, CT
• This is partial funding of an initial proposal that included five additional bucket trucks.
Projects Selected

First Student, Inc.:

• Replace twelve (12) Class 6 and Class 7, engine model year (EMY) 2006-2007 school buses, the oldest in the proposal, with EMY 2021 diesel-powered equivalents

• Award: $668,398

• Awardee’s Cost Share: $359,906

• Location: Watertown, Ridgefield, Hamden, Weston and New Fairfield, CT

• This is partial funding of an initial proposal to replace a total of 90 diesel school buses in Bethel, Chester, Watertown, Ridgefield, Hamden, Weston, Somers, Branford, Vernon and New Fairfield, CT
Projects Selected

Fisher’s Island Ferry District:

- Replace two (2) EMY 1985 propulsion engines, gearboxes, two (2) auxiliary generator sets and related equipment in the ferry M/V Race Point.
- Award: $819,260
- Awardee’s Cost Share: $441,140
- Location: New London, CT
Projects Selected

H.I. Stone and Son, Inc.:


• Award: $152,161

• Awardee’s Cost Share: $456,483

• Location: New Haven, Stamford and Waterbury, CT and statewide
Projects Selected

Hocon Gas, Inc.:

- Replace four (4) Class 7 diesel-powered delivery trucks with four (4) MY2020 propane-powered Class 7 delivery trucks.
- Award: $139,805
- Awardee’s Cost Share: $419,415
- Location: Waterbury, CT
Projects Selected

R + L Transfer, Inc.:

- Replace eight (8) Class 8 MY2004-2007 diesel tractors with MY2019 diesel-powered equivalents
- Award: $183,720.00
- Awardee’s Cost Share: $734,880
- Location: South Windsor and Wallingford, CT
Projects Selected

Student Transportation of America, Inc. (Naugatuck):

- Replace eighteen (18) Class 7 MY2008 school buses with MY2021 diesel-powered equivalents.
- Award: $912,070
- Awardee’s Cost Share: $491,114
- Location: Naugatuck, CT
State Line Propane, LLC:

- Award: $96,264
- Awardee’s Cost Share: $288,790
- Location: Granby, Oxford, Cheshire, Middletown, Windsor, and Bloomfield, CT
Projects Selected

Sysco Leasing, LLC

• Replace fifteen (15) Class 8, MY2006-2009, diesel-powered heavy duty local freight trucks with MY2020 diesel-powered equivalents.

• Award: $346,500

• Awardee’s Cost Share: $1,228,500

• Location: Rocky Hill and Hartford, CT and Statewide
Projects Selected

USA Waste & Recycling:

- Replace eight (8) Class 8 MY1997-2006 diesel-powered refuse trucks, the oldest in the proposal, with 8 MY2021, Class 8 CNG-powered refuse trucks.
- Award: $591,600.00
- Awardee’s Cost Share: $1,873,400
- Location: Waterbury, New Britain, Hartford, Bridgeport, East Hartford, Bristol, Meriden, Enfield, Naugatuck, and New Haven, CT
- This is partial funding of an initial proposal that included five additional refuse trucks with newer model years.
Projects Selected

Yale University:

- Replace one (1) Class 8, MY2009, diesel-powered shuttle bus with a MY2020 electric equivalent.
- Install associated charging structure.
- Award: $505,500
- Awardee’s Cost Share: $337,000
- Location: New Haven, CT
Summary of Total Benefits

From the 15 selected projects

- Annual NOx Reduction: 17.3 tons
- Lifetime NOx Reduction: 67.6 tons
- Lifetime CO2 Reductions: 5,085 tons
- Lifetime VOC Reductions: 4.1 tons
- Lifetime PM2.5 Reductions: 3.4 tons
- Cost Effectiveness, VW share: $92,495/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
Additional Opportunities:

**Diesel Emissions Reduction Act (DERA)**

- National DERA Program Request for Proposals Launched **December 9, 2019**
- $44 Million Available: up to **$1 million** per project in New England
- Application Deadline: **February 26, 2020**
- Information available at [https://www.epa.gov/cleandiesel/clean-diesel-national-grants](https://www.epa.gov/cleandiesel/clean-diesel-national-grants)
Questions?
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