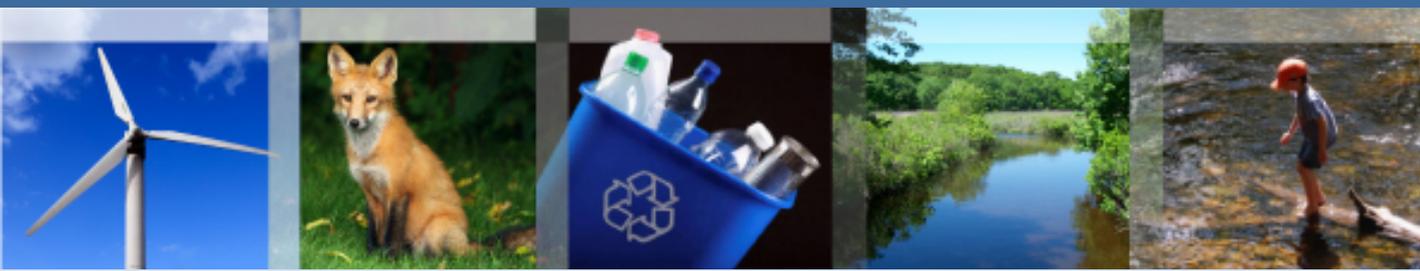




Connecticut Department of Energy and Environmental Protection





Volkswagen NOx Mitigation Program: Round 2 Selections

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SIPRAC

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Connecticut Department of Energy and Environmental Protection

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**

Connecticut Department of Energy and Environmental Protection

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
- Location: New London, Ansonia, Waterbury, Derby, New Britain, Hartford, Bridgeport, Windham, Bristol, Meriden, Torrington, Enfield, Naugatuck, New Haven, and East Haven, CT
- 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

- Replace five (5) Class 7, MY2007 & 2009, diesel-powered utility bucket trucks with MY2020 diesel-powered, hybrid electric utility bucket trucks.
- 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.:

- Replace two (2) Class 5, MY2004 & 2006, diesel-powered trucks and two, Class 8, MY 1995, diesel-powered trucks with MY2020 equivalents.
- 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



Projects Selected

State Line Propane, LLC:

- Replace three (3) Class 7, MY1995 & 2000, diesel-powered delivery fuel trucks with one MY2020 diesel-powered and two MY2020 propane-powered delivery fuel trucks.
- 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>



Questions?



Contact Us

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