

2021-2022 CT State DERA Program Projects Awarded VW DERA Option Funds

Summary

Total Funding Awarded: \$1,299,805.79

Total Project Costs (does not include withdrawn projects): \$4,611,464.96

Total Annual Emissions Reductions (does not include withdrawn projects): 12.755 tons NO_x, 0.438 tons PM_{2.5}, 1,980.6 tons CO₂

2021

Cross Sound Ferry Services, Inc.

Amount Awarded: \$220,448.00

Cost Share: \$330,672.00

Location: New London

Project Description: Replacement of three auxiliary generator sets, equipped with EMY 1983, Tier 0, diesel-powered auxiliary engines, in the *MV Mary Ellen* with new generator sets equipped with EMY 2021, Tier 3, diesel-powered equivalents.

Annual Reductions: 2.613 tons NO_x, 0.094 tons PM_{2.5}, 0.0 tons CO₂

Project was added after Town of Enfield withdrew.

F & G Recycling, LLC

Amount Awarded: \$123,754.71

Cost Share: \$151,255.76

Location: Waterbury

Project Description: Replacement of one diesel-powered yard spotter, equipped with an EMY 2005 engine, with a MY 2023 electric equivalent (charging infrastructure included).

Annual Reductions: 0.866 tons NO_x, 0.064 tons PM_{2.5}, 29.3 tons CO₂

Joe's Boathouse, LLC

Amount Awarded: \$30,054.00

Cost Share: \$45,081.00

Location: Milford

Project Description: Replacement of one EMY 1993, Tier 0, diesel-powered auxiliary engine, in the *FV Nancy E*, with an EMY 2021 or 2022 diesel engine.

Annual Reductions: 0.353 tons NO_x, 0.007 tons PM_{2.5}, 22.5 tons CO₂

Project was added after Town of Enfield withdrew. Project has been withdrawn by Joe's Boathouse.

Tirollo Bus Company, LLC

Amount Awarded: \$29,162.50

Cost Share: \$87,487.50

Location: Orange

Project Description: Replacement of one EMY 2008, diesel-powered school bus with a MY 2024 bus, powered by a 2021 EMY diesel engine.

Annual Reductions: 0.054 tons NO_x, 0.0 tons PM_{2.5}, 0.0 tons CO₂

Project was added after Town of Enfield withdrew.

Town of Enfield

Amount Awarded: \$287,719.54

Cost Share: \$358,068.46

Location: Enfield

Project Description: Replacement of one engine model year (EMY) 2007 diesel-powered automated side load refuse truck with an MY 2022 electric vehicle (EV) equivalent and EV charging infrastructure.

Annual Reductions: 0.075 tons NO_x, 0.0 tons PM_{2.5}, 51.0 tons CO₂

Project has been withdrawn by Town of Enfield.

Winkle Bus Company

Amount Awarded: \$222,572.70 (\$43,879.30 was also awarded in unspent 2019 DERA funding.)

Cost Share: \$325,663.00

Location: West Haven

Project Description: Replacement of one EMY 2009, diesel-powered 71-passenger school bus with an EV equivalent and EV charging infrastructure.

Annual Reductions: 0.032 tons NO_x, 0.0 tons PM_{2.5}, 10.5 tons CO₂ GHG

Project has been withdrawn by Winkle Bus Company.

2022

Captain John's Sport Fishing Center

Amount Awarded: \$60,340.39

Cost Share: \$90,962.89

Location: Long Island Sound

Project Description: Repower the Sunbeam VI, a commercial charter boat from a Tier 0 to a Tier 3 Cummins QSL engine.

Annual Reductions: 1.935 tons NO_x, 0.022 tons PM_{2.5}, 0.0 tons CO₂

Connecticut Department of Transportation

Amount Awarded: \$31,848.08 (\$37,466.45 was also awarded in 2022 DERA funding.)

Cost Share: \$90,414.47

Location: Greater Waterbury, Meriden, and Wallingford area

Project Description: Replace a MY 2005, Class 7, diesel-powered New Flyer XD40 transit bus (equipped with a 2005 EMY engine) with a MY 2023 Ford ETransit all-electric vehicle.

Annual Reductions: 0.352 tons NO_x, 0.022 tons PM_{2.5}, 73.9 tons CO₂

Originally awarded grant amount was modified due to a change in project type.

O&G Industries, Inc.

Amount Awarded: \$162,821.66

Cost Share: \$515,910.34

Location: Bridgeport

Project Description: Replace two 22+ year old Oshkosh model S-2346 front discharge mixers with two 2023 Oshkosh model S-2305 front discharge mixers.

Annual Reductions: 3.601 tons NO_x, 0.131 tons PM_{2.5}, 49.3 tons CO₂

Seaview Fisheries, LLC

Amount Awarded: \$21,934.24

Cost Share: \$33,065.76

Location: Long Island Sound

Project Description: Replace a 1975 diesel engine with new diesel-powered equivalent.

Annual Reductions: 1.421 tons NO_x, 0.022 tons PM_{2.5}, 0.0 tons CO₂

[SMM New England Corp. \(DBA Sims Metals\)](#)

Amount Awarded: \$192,092.55 (\$415,307.55 was also awarded in 2021-2022 DERA funding.)

Cost Share: \$746,424.90

Location: New Haven

Project Description: Replace a Tier 2, 2004 Sennebogen 835M, diesel-powered scrap metal material handler with an electric, 2023 Sennebogen 850 A-Special "E" material handler.

Annual Reductions: 0.604 tons NOx, 0.042 tons PM_{2.5}, 280.8 tons CO₂

[Stamford Uniform, Linen, Towel and Napkin LLC](#)

Amount Awarded: \$261,059.65 (\$107,697.22 was also awarded in unspent 2019-2020 DERA funding.)

Cost Share: \$453,159.79

Location: Fairfield County

Project Description: Replace a class 6, 2014, diesel-powered Hino 268 and a class 5, 2019, diesel-powered Isuzu NPR with 2023 and 2023/2024 Kenworth K270E electric box trucks and install one Paccar CM120-1-002 dual port charger.

Annual Reductions: 0.135 tons NOx, 0.002 tons PM_{2.5}, 1,518.8 tons CO₂

[Waterfront Enterprises, LLC \(DBA Gateway Terminal\)](#)

Amount Awarded: \$159,504.41

Cost Share: \$196,012.59

Location: New Haven

Project Description: Replacement of a model year (MY) 2001 diesel-powered terminal tractor with a MY 2003 EV equivalent.

Annual Reductions: 0.356 tons NOx, 0.026 tons PM_{2.5}, 28.5 tons CO₂

[William Wilczek/Fishing Vessel Susan LLC](#)

Amount Awarded: \$36,839.60

Cost Share: \$55,535.54

Location: Niantic River, Thames River, eastern Long Island Sound, Fishers Island Sound, and Block Island Sound

Project Description: Replace a Tier 0, diesel engine (1998 John Deere Series 300 Engine 6.8l) and powertrain in the commercial Fishing Vessel Susan, and repower with a new Tier 3, marine emission certified compliant marine diesel propulsion engine with matching powertrain (John Deere 4045SFM85 4.5L PowerTech).

Annual Reductions: 0.818 tons NOx, 0.013 tons PM_{2.5}, 0.0 tons CO₂