2019 State Diesel Emissions Reduction Act (DERA) Grants

SIPRAC 2-13-20
Patrice Kelly
State Program Goals & Restrictions

- Connecticut runs its program as a rebate program
- Designed to achieve significant reductions in diesel emissions.
- EPA Restrictions
  - No fleet expansion
  - Scrappage Required
  - Early Replacement no longer required in 2019, but required for 2018 funds
  - Model Year Ranges more limited than in VW program
2019 Funding Available

- Total: $1,134,460.95
- Sources:
  - EPA allocation and matching bonus
  - VW DERA Option funds for State Match
  - Funds remaining from 2017-18 DERA program
    - Due to withdrawal of 2 projects in 2017
    - Early Replacement Required for 2018 funds
2019 State Program Schedule

• Solicitation opened October 15, 2019.
• Submission Deadline November 25, 2019
• Award Letters Issued January 22, 2020
• Develop project implementation plans for EPA approval
• Completion Deadline August 31, 2020
2019 Applicants

Town of Burlington
Town of Canaan
Town of East Hartford
F & F Concrete
First Student – Hamden
Gateway Terminal
H.I. Stone & Son
Kay’s Trucking
Town of New Milford
O & G Enterprises

Student Transportation of America – Groton
City of Stamford
Sysco Leasing
Target Enterprises
Tirollo Bus Company
Town of West Hartford
Town of Weston

* Proposals Selected for Funding
Overview of Selected Projects

12 Projects Selected*

- 2 School Bus Projects: total 3 school buses
  - 1 EV school bus: *up to 45% of cost*
  - 2 gasoline school buses
- 1 Drayage Truck Project: total 6 trucks: *up to 50% of cost*
- 3 Commercial Truck Projects: total 6 trucks
- 6 Municipal Truck Projects: total 12 trucks

*Funding allowed up to 25% of cost unless otherwise noted*
Summary of Total Benefits

From the 12 selected projects

• Annual NOx Reduction: 4.4 tons/year
• Lifetime NOx Reduction: 18.6 tons
• Lifetime CO2 Reductions: 2,051 tons
• Lifetime HC Reductions: 1.1 tons
• Lifetime PM2.5 Reductions: 0.8 tons
• Cost Effectiveness, DERA share: $61,098/ton of NOx reduced