



COLORADO
MUNICIPAL
LEAGUE

Reducing Emissions in Your Community with the Colorado Clean Diesel Program: Statewide grants for heavy fleet electrification

October 27, 2022

Zuleika Pevec
Colorado Clean Diesel Program Manager

Colorado Clean Diesel Program Introduction

- “The Diesel Emissions Reduction Act (DERA) Program funds grants and rebates that protect human health and improve air quality by reducing harmful emissions from diesel engines.” via EPA
- CLEAR has contracted with the Colorado Department of Public Health & Environment to run Colorado Clean Diesel Program (CCDP)
- CCDP Funding comes from two sources
 - Colorado state-allocated DERA Funding via EPA
 - State of Colorado VW Diesel Emissions Settlement



Grant Funding / Cost Share

- Hybrid-Electric Machines
 - 25% = Maximum Eligible CCDP Grant-Funding
 - 75% = Minimum Applicant Cost Share
- Example Project
 - \$100,000 = Total Project Cost*
 - \$25,000 = Maximum CCDP Grant Award
 - \$75,000 = Minimum Applicant Cost Share

*Electrical infrastructure, including charging stations, and operator training needed to support operations CAN be included in Total Project Cost.



Grant Funding / Cost Share

- Zero-Emissions Machines
 - 45% = Maximum Eligible CCDP Grant-Funding
 - 55% = Minimum Applicant Cost Share
- Example Project
 - \$100,000 = Total Project Cost*
 - \$45,000 = Maximum CCDP Grant Award
 - \$55,000 = Minimum Applicant Cost Share

*Electrical infrastructure, including charging stations, and operator training needed to support operations CAN be included in Total Project Cost.



Applicant Eligibility Requirements

- Applicants MUST:
 - Be a business or entity that owns and operates diesel vehicles or diesel equipment in Colorado,
 - Own the vehicle/equipment being replaced,
 - Ensure vehicle/equipment being replaced is registered in the State of Colorado, and
 - Ensure new vehicle/equipment will also be registered in the State of Colorado.



Existing Equipment Eligibility Requirements

- Scrapped Equipment **MUST**:
 - Be fully operational,
 - Operated at least 500 hours during two years prior to upgrade,
 - Have at least three years of remaining life at the time of upgrade,
 - Be engine Tier 3 or lower,
 - **UNLESS** replacing with zero-emission vehicle / equipment (can replace engine Tier 4).



Scrappage Requirement

Vehicles and engines that are replaced must be scrapped to ensure emissions reductions

1. Cut 3” hole in engine block

2. Cut chassis rails in half

Evidence of appropriate disposal includes photos of the following:

- Engine tag showing serial number, engine family number, and engine model year
- VIN tag
- Side profile of equipment
- Before and after photos of destroyed engine
- Cut frame rails



Equipment and Machines

Mowers

Tractors

Mini-excavators

Skid steers

Mobile power units

Light towers



DANMAR

On Road Vehicles

UNTIL THE END OF 2022

- Class 5 to Class 8 trucks plated for highway use
- Must be used 7,000 miles per year for the past two years

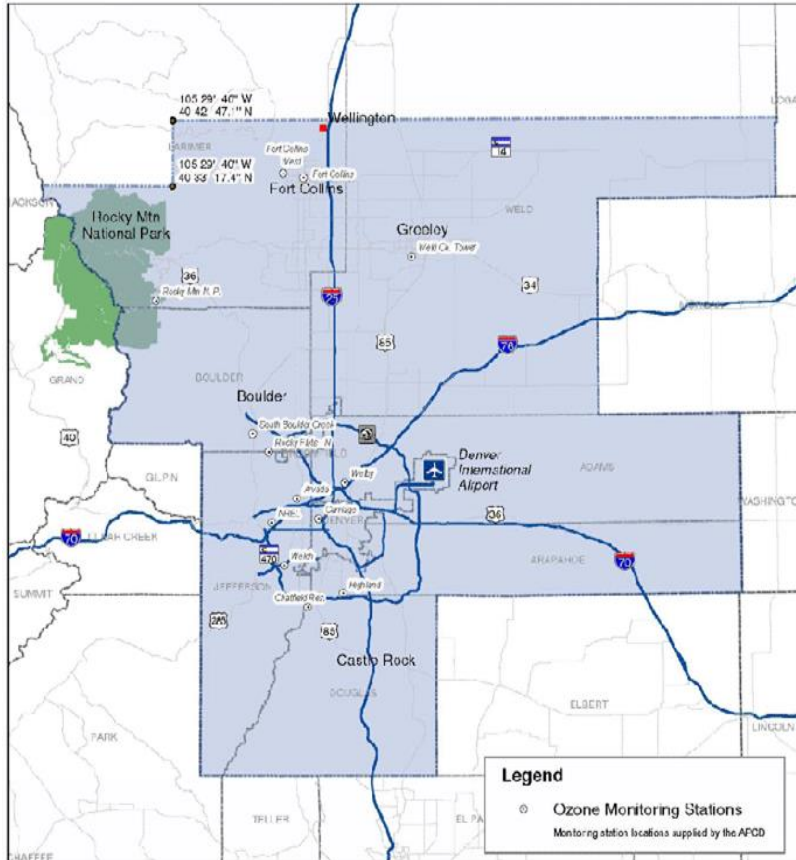
Refuse Trucks



Street Sweepers



Application Evaluation Criteria



- Estimated emissions reductions per dollar
- Innovation (e.g. first time technology is deployed in Colorado)
- Applicant cost-share
- Location of service area of equipment, with priority given to non-attainment zone locations

Application – www.cocleandiesel.org



[About the program](#)

[Apply for a grant](#)

[Technology decision support](#)

[Events](#)

[Contact](#)



Images courtesy of [Liebherr](#), [PistenBully](#), [SafeConnect Systems](#) and [Lion Electric](#).

Apply for a grant

Before applying for a Colorado Clean Diesel Program grant, first read the [Program Guide](#). Then, download [this project worksheet](#) (.xlsx file) and fill it out for your proposed project(s). Finally, complete the application form below, including the required uploads.

Applications are accepted on a rolling basis.



Application

1. Review the Program Guide



2021 PROGRAM GUIDE

Revised 2/19/21

2. Fill out the project worksheet

1. New equipment for which you're requesting funding		
<i>Please use a separate column for each piece of equipment (TRU, bucket truck, etc.) that you are requesting funds for. For</i>		
	Project 1 (Project 1)	Project 2 (Project 2)
Technology <i>(select from dropdown)</i>		
Engine make		
Engine model		
Engine model year		
Weight rating (GVWP)		
Horsepower (hp)		
Engine tier level		
Fuel type		
Annual fuel usage (gallons/year)		
Annual usage rate (hours/year)		
Vendor (optional)		
Estimated date of purchase/delivery if grant is successful		

2. Existing equipment to be scrapped		
<i>For each project that you listed in Section 1, please enter details of the corresponding equipment that will be replaced and</i>		
	Project 1	Project 2
Equipment type <i>(select from dropdown)</i>		
VIN		
Engine model year <i>(select from dropdown)</i>		
Engine make		
Engine model		
Horsepower (hp)		
Engine tier level		
Fuel type		
Hours running idle per year (estimate)		
Annual fuel usage (gallons/year)		
Remaining years of useful life		
Annual operating hours in Colorado		
Primary zip code where equipment operates		
Primary county where equipment operates		
Secondary zip code where equipment operates		
Secondary county where equipment operates		

3. Complete the application

APPLICATION FORM

Company/organization name * EIN or TEIN *

Address *

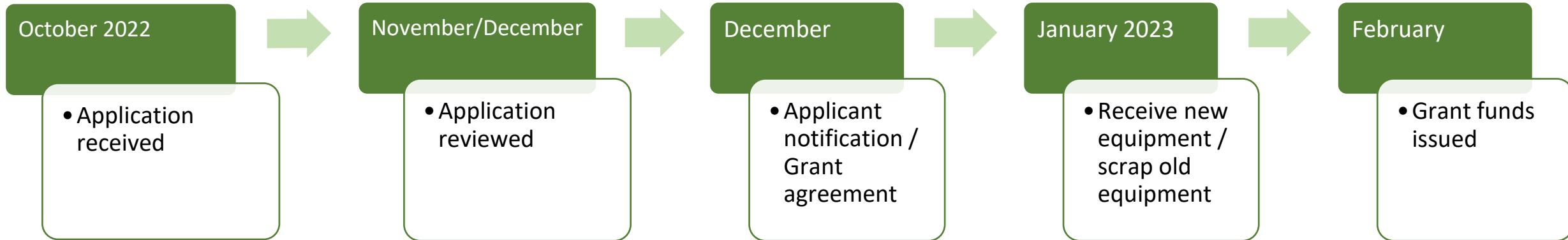
Address Line 1

Address Line 2

City State ZIP Code



Anticipated Timeline



Must have:

- IRS W-9 form
- Paid-in-full invoice from vendor
- Scrappage documentation



COLORADO
MUNICIPAL
LEAGUE

Zuleika Pevec

zpevec@cleanenergyeconomy.net

(970) 704-9200 x1104