

## Connecticut Department of Energy & Environmental Protection

# Proposal for Use of 2019 State DERA Funds for Diesel Emissions Reduction Projects

#### **INSTRUCTIONS:**

Complete all sections of this form. Refer to the 2019 Guidance for State DERA Proposals for additional information. Provide a separate form for each project proposed. All proposals must be received by the **deadline of Monday**, **November 25**, **2019**, **at 5:00 p.m.**, to be considered. Proposals should be submitted to the attention of Patrice Kelly at the Connecticut Department of Energy and Environmental Protection (DEEP) via e-mail at <a href="mailto:Patrice.Kelly@ct.gov">Patrice.Kelly@ct.gov</a>. She can also be contacted at (860) 424-3410.

## Part 1: Applicant Information

Applicant/Org	gani	ization Name:				
Address:						
City:			State:		Zip Code:	
Authorized Re	epre	esentative Name: 1				
Authorized Re	epre	esentative Title:				
E-Mail:	Telephone:					
Additional Co	nta	ct Name:(Optional).2				
E-Mail:				Telephone:		
Additional Contact Name: (Optional)						
E-Mail:				Telephone:		
Have you previously submitted a proposal to DEEP for clean diesel or EV charger funding?						
Are you submitting additional proposals for this incentive program?  If so, how many?  Yes:  No						

<sup>&</sup>lt;sup>1</sup> Provide the name, title and contact information of the authorized representative who will have signatory authority for the proposed project. By providing an e-mail address an applicant is agreeing to electronically receive official correspondence from the department concerning the subject application. Please set your security settings to ensure delivery of e-mails from "ct.gov" addresses. Also, please notify the department if your e-mail address changes. Applicants must promptly notify the department of any change to submitted contact information (e.g., contact person, physical address, phone number or e-mail address).

<sup>&</sup>lt;sup>2</sup> Provide contact information for any additional person or persons with whom DEEP will have routine contact regarding the status of the project, if different from the authorized representative.

## Part II: Project Description:

Use a separate form for each project. **Projects initiated prior to filing an application for the program are not eligible for funding** and submittal of an application is not a guarantee that a proposed project will be funded. Project initiation activities that can disqualify an application include approving the project in a budget, initiating an RFP, selecting a Vendor, ordering vehicles, equipment, and engine or hiring a contractor.

#### A. Project Summary:

Proposed Project Title:					
information on	nary: Please des the vehicle/engi e forms below. Y	ne to be replaced	d/upgraded in th	is proposed proj	
Duration of Project Requested:	months	Project Start Date:		Project End Date:	

### **B. Project Category:**

This funding must be used for clean diesel projects. Please identify the category for which your project would qualify; check only one. With the exception of Aerodynamic Technologies, which can only be funded in conjunction with Emissions Control Technologies (retrofits), and Highway Idle Reduction technologies, which have higher reimbursement in combination with retrofits, only one category should be selected per proposal. If applying for more than one project category below, use a separate form for each.

Project Categories Potentially Available for Funding	
Replacement: Reimbursement for replacement with diesel vehicles or nonroad equipment can be made up to	
<ul> <li>25% of the cost for replacement of highway diesel trucks and buses with 2016 engine model year (EMY) or newer equivalents,</li> </ul>	
50% of the cost for replacement of drayage trucks with 2013 EMY or newer trucks,	
• 25% of the cost for replacement of locomotives, marine vessels, and non-road vehicles and equipment with 2019 EMY or newer equivalents,	
<ul> <li>35% of the cost for replacement with 2016 EMY or newer on-highway vehicles powered by engines certified to meet CARB's Optional Low-NO<sub>x</sub> Standards of 0.1 g/bhp-hr, 0.05 g/bhp-hr, or 0.02 g/bhp-hr NO<sub>x</sub>, and</li> </ul>	
<ul> <li>45% of the cost for replacement with electric vehicles or equipment.</li> </ul>	
Repower: Reimbursement for replacement of diesel engines can be made up to	
<ul> <li>40% of the cost for replacement diesel engines in a highway vehicles with 2016 EMY or newer engines certified to EPA emission standards,</li> </ul>	
<ul> <li>40% of the cost for replacement of diesel engines on locomotives, marine vessels, and non- road vehicles and equipment with 2019 EMY or newer equivalents,</li> </ul>	
<ul> <li>50% of the cost for replacement with 2016 EMY or newer engines certified to meet CARB's Optional Low-NO<sub>x</sub> Standards of 0.1 g/bhp-hr, 0.05 g/bhp-hr, or 0.02 g/bhp-hr NO<sub>x</sub>, and</li> </ul>	
60% of the cost for replacement with electric engines.	
<b>Engine Upgrades:</b> 40% of the cost for engine upgrades using kits that are verified or certified by EPA or the California Air Resources Board (CARB).	
Clean Alternative Fuel Conversions: 40% of the cost for aftermarket alternative fuel conversion systems. These must be certified by either CARB or EPA for the specific vehicle or engine family that is being converted; the vehicle being converted must be CARB or 50-state certified and is otherwise eligible for sale in Connecticut.	
Emission Control Technologies: 100% of the cost for retrofit technologies for emission control that are certified or verified by EPA or the CARB. Eligible retrofit costs include, but are not limited to: DPF cleaning machines, spare DPFs for maintenance rotation, replacement CCV filters, mechanic training, and filter cleaning contracts.	
Idle reduction technologies that are verified by the U.S. Environmental Protection Agency (EPA):	
Stationary Technologies:	
<ul> <li>30% of the cost for shore connections for electrified parking spaces, hybrid electric transport refrigeration units or electrified truck stops; and</li> </ul>	
o 25% of the cost (labor and equipment) for eligible marine shorepower systems to allow maritime vessels to "plug into" an electrical power source instead of using diesel main or auxiliary engines while at port, including the cost of modifications, attachments, accessories, or auxiliary apparatus necessary to make the equipment functional.	
<ul> <li>40% of the cost for locomotive idle reduction, stationary and on-board.</li> </ul>	

<ul> <li>25% of the cost for highway idle reduction technologies for long-haul trucks and school buses (includes Auxiliary Power Units (APUs)); up to 100% if combined with retrofit technologies.</li> </ul>	
<b>EPA-Certified Aerodynamic Technologies and Low Rolling Resistance Tires:</b> 100% of the cost for aerodynamic technologies and low rolling resistance tires on long-haul, class 8 trucks but only if combined with verified exhaust emission controls.	

## Part III: Project Documentation:

For the project category selected above, provide the documentation required and check the associated box.

Replacement, Repower, Engine Upgrade, Clean Alternative Fuel Conversions:	Complete Section A (and Section E if applicable)
Emission Control Technologies:	Complete Section B
Idle Reduction Technologies:	Complete Section C (and Section B if applicable)
EPA-Certified Aerodynamic Technologies and Low Rolling Resistance Tires:	Complete Section B and Section D

#### A. Replacement, Repower, Engine Upgrade and Clean Alternative Fuel Conversions:

Replacement/repower may be with new diesel or alternate fueled engine (e.g., compressed natural gas (CNG), propane, and hybrid); costs of installation of the engine may be included.

No funds awarded under this program shall be used to fund the costs of emissions reductions that are mandated under federal law. The restriction applies when the mandate takes effect (the effective date) for any affected vehicles, engines or equipment.

Select all applicable vehicle categories below and enter quantity of vehicles being replaced/repowered.

Vehicle Category	Applicable	QTY
On-Road Vehicles		
Drayage Trucks		
Non-Road Equipment		
Commercial Marine (see A.1)		
Locomotives (See A.2)		

Submit the following supporting documentation for Replacement, Repower, Engine Upgrade or Clean Fuel Conversion Projects:

For All Replacement, Repower, Engine Upgrade or Clean Alternative Fuel Conversion Projects: Submit Completed Part VII: Fleet Information		
Replacement of a 2010 EMY or Newer Highway Vehicle with Scrappage of a 1996-2009 EMY Vehicle: Applicant must submit a detailed scrappage plan. (DEEP must submit the plan to EPA for approval prior to funding.)		
<b>Drayage Truck:</b> Applicant must provide evidence that any existing truck replaced with grant funds has a history of operating on a frequent basis over the prior year as a drayage truck. If selected, the grantee will be required to establish guidelines to ensure any new truck purchased with grant funds is operated in a manner consistent with the definition of a drayage truck		
Nonroad Equipment:		
Agricultural Pumps: Applicant must provide evidence that agricultural pumps being replaced have operated at least 250 hours in the year preceding the application		
<u>All Other Nonroad Equipment</u> (equipment or vehicles used in construction, handling of cargo (including at a port or airport), agriculture, mining or energy production (including stationary generators): Applicants must provide evidence that equipment has operated at least 500 hours in the year preceding this application.		
<ul> <li><u>Stationary Engines:</u> Applications which include stationary engines must provide a clear and concise justification for why/how the proposed emissions reduction is not subject to the Restriction for Mandated Measures<sup>3</sup></li> </ul>		
<b>EPA Verified Engine Upgrades:</b> Upgrade technologies for any eligible engines must be on one of EPA's list of eligible technologies. Applicants must provide evidence that the chosen technology is EPA Verified.		
Clean Alternative Fuel Conversions: Eligible conversions are limited to those systems that have been certified by EPA and/or CARB, and those systems that have been approved by EPA for Intermediate-Age engines. <sup>5</sup>		
<ul> <li><u>EPA or CARB Certified</u>: Applicants must provide evidence that the chosen technology is EPA or CARB certified.</li> </ul>		
<ul> <li><u>Eligible for Sale in Connecticut</u>: Applicants must provide evidence that the converted vehicle would be eligible for sale in Connecticut.</li> </ul>		

<sup>&</sup>lt;sup>3</sup> EPA's RICE rule, "National Emission Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion Engines," <u>40 CFR 63 Subpart ZZZZ</u>.

<sup>&</sup>lt;sup>4</sup> A list of eligible, EPA verified engine upgrade technologies is available at: <a href="www.epa.gov/verified-diesel-tech/verified-technologies-list-clean-diesel">www.epa.gov/verified-diesel-tech/verified-technologies-list-clean-diesel</a>. Lists of certified remanufacture systems for locomotives and marine engines are available at: <a href="www.epa.gov/compliance-and-fuel-economy-data/engine-certification-data">www.epa.gov/compliance-and-fuel-economy-data/engine-certification-data</a>, and additional information on remanufacture systems, are available at: <a href="www.epa.gov/vehicle-and-enginecertification/remanufacture-systems-category-1-and-2-marine-diesel-engines">www.epa.gov/vehicle-and-enginecertification/remanufacture-systems-category-1-and-2-marine-diesel-engines</a>. Engine upgrades proposed for funding under this category must exist on one of these lists for the specific vehicle/engine application specified in the application at the time of application submission to EPA.

<sup>&</sup>lt;sup>5</sup> EPA's lists of "Certified Conversion Systems for New Vehicles and Engines" and "Conversion Systems for Intermediate-Age Vehicles and Engines" are available at <a href="https://www.epa.gov/vehicle-and-engine-certification/lists-epa-compliantalternative-fuel-conversion-systems">www.epa.gov/vehicle-and-engine-certification/lists-epa-compliantalternative-fuel-conversion-systems</a>; CARB's list of "Approved Alternate Fuel Retrofit Systems" are available at: <a href="https://www.arb.ca.gov/msprog/aftermkt/altfuel/altfuel.htm">www.arb.ca.gov/msprog/aftermkt/altfuel/altfuel.htm</a>.

#### A.1. Replacement, Repower or Engine Upgrade for Marine Vessels:

Indicate the quantity of marine vessels or engines being replaced, repowered or upgraded.6

Vehicle Category	Number of Vessels	Number of Propulsion Engines	Number of Auxiliary Engines
Marine Replacements			
Marine Repowers			
Engine Upgrades			

Submit the following supporting documentation for the Marine Replacement/Repower Project:

Applicant must provide evidence that engines have operated at least 1,000 hours in the year preceding this application. (Engine hours may be combined to reach the 1000-hour threshold where two engines will be scrapped and replaced with a single engine.)	
Completed Part VII: Fleet Information	
<b>EPA Verified Engine Upgrades:</b> Upgrade technologies for any eligible engines must be on one of EPA's list of eligible technologies. Applicants must provide evidence that the chosen technology is EPA Verified.	

#### A.2. Replacement or Repower of Locomotives:

Indicate the quantity of locomotives and engines being replaced/repowered or upgraded.

Vehicle Category	Number of Locomotives	Number of Propulsion Engines	Number of Generator Sets
Locomotive Replacements			
Locomotive Repowers			
Engine upgrades			

<sup>&</sup>lt;sup>6</sup> Lists of certified remanufacture systems for locomotives and marine engines are available at: <a href="https://www.epa.gov/compliance-and-fuel-economy-data/engine-certification-data">www.epa.gov/compliance-and-fuel-economy-data/engine-certification-data</a>, and additional information on remanufacture systems, are available at: <a href="https://www.epa.gov/vehicle-and-enginecertification/remanufacture-systems-category-1-and-2-marine-diesel-engines">www.epa.gov/vehicle-and-enginecertification/remanufacture-systems-category-1-and-2-marine-diesel-engines</a>.

<sup>&</sup>lt;sup>7</sup> A list of eligible, EPA verified engine upgrade technologies is available at: <a href="www.epa.gov/verified-diesel-tech/verified-technologies-list-clean-diesel">www.epa.gov/verified-diesel-tech/verified-technologies-list-clean-diesel</a>. Lists of certified remanufacture systems for locomotives and marine engines are available at: <a href="www.epa.gov/compliance-and-fuel-economy-data/engine-certification-data">www.epa.gov/compliance-and-fuel-economy-data/engine-certification-data</a>, and additional information on remanufacture systems, are available at: <a href="www.epa.gov/vehicle-and-enginecertification/remanufacture-systems-category-1-and-2-marine-diesel-engines">www.epa.gov/vehicle-and-enginecertification/remanufacture-systems-category-1-and-2-marine-diesel-engines</a>. Engine upgrades proposed for funding under this category must exist on one of these lists for the specific vehicle/engine application specified in the application at the time of application submission to EPA.

#### Type of Replacement/Repower:

Locomotive is being <u>repowered</u> with a new diesel or alternate fueled or all-electric engines (including generator sets)	
Locomotive is being <u>replaced</u> with a new diesel or alternate fueled or all-electric (including generator sets) locomotive that is certified to meet the applicable EPA emissions standards.	

Submit the following supporting documentation for the Locomotives Category:

Provide documentation that the locomotive has been operating 1,000 or more hours in the twelve months preceding this application.	
Completed Part VII: Fleet Information	
Upgrade technologies for any eligible engines must be on one of EPA's list of eligible technologies. Applicants must provide evidence that the chosen technology is EPA Verified.	

## **B. Emission Control Technologies:**

Diesel engine retrofits are one of the most cost-effective solutions for reducing diesel engine emissions. Retrofits include pollution control devices installed in the exhaust system, such as diesel oxidation catalysts (DOCs) and diesel particulate filters (DPFs), or systems that include closed crankcase ventilation (CCV) filtration systems.

For All Diesel Emission Control Technologies: Applicants must provide evidence that the chosen technology is EPA or CARB certified.		
Completed Part VII: Fleet Information		

#### C. Idle Reduction Technologies

An idle reduction project is generally defined as the installation of a technology or device that reduces unnecessary idling of diesel vehicles or equipment and/or is designed to provide services (such as heat, air conditioning, and/or electricity) to vehicles and equipment that would otherwise require the operation of the main drive or auxiliary engine(s) while the vehicle is temporarily parked or remains stationary. The reduction in idling will conserve diesel fuel and must also lower emissions.

The technology categories include: Auxiliary power units (APUs) and generator sets, battery air conditioning systems, thermal storage systems, electrified parking spaces (truck stop electrification), fuel operated heaters, shore connection systems for locomotives, and automatic shutdown/start-up systems for locomotives.<sup>8</sup>

<sup>&</sup>lt;sup>8</sup> Lists of eligible, EPA verified idle reduction technologies are available at: <a href="www.epa.gov/verified-diesel-tech/smartway-technology">www.epa.gov/verified-diesel-tech/smartway-technology</a>.

## C.1. Stationary Idle Reduction Technologies

#### C.1.a. Marine Shorepower Systems:

May include cables, cable management systems, shore power coupler systems, distribution control systems, and power distribution.

Address of Proposed Installation:	
Provide name of facility, street address, street intersection and/or latitude/longitude and city	
Marine shore power system will comply with international shore power design standards (ISO/IEC/IEEE 80005-1-2012 High Voltage Shore Connection Systems of the IEC/PAS 80005-3:2014 Low Voltage Shore Connection Systems) and will be supplied with power sourced from the local utility grid.	or

Submit the following supporting documentation for the Marine Shorepower Proposal:

Provide documentation demonstrating that applicant has site control.9 over the proposed infrastructure site.	
Demonstrate that the proposed system has the capacity, demand, and commitment to be utilized for more than 1,000 MW-hours per year.	
If the project application is selected for funding, submit the final design of the marine shore power connection system for EPA approval prior to purchase and installation. (Requirements for the final design will be provided.)	

### C.1.b. Electrified Parking Spaces (EPS):

Electrified Parking Spaces (EPS), also known as Truck Stop Electrification (TSE), operates independent of the truck's engine and allows the truck engine to be turned off as the EPS system supplies heating, cooling, and/or electrical power.

Examples of eligible EPS costs include, but are not limited to, the purchase and installation of electrical infrastructure or equipment to enable heating, cooling, and the use of cab power for parked trucks, or to enable the use of power for transport refrigeration units (TRUs) and auxiliary power systems at distribution centers, intermodal facilities, and other places where trucks congregate.

Address of Proposed Installation:	
Provide name of facility, street address, street intersection and/or latitude/longitude and city	
Number of shorepower units to be installed	

<sup>&</sup>lt;sup>9</sup> Site Control means (1) ownership of, a leasehold interest in, or a right to develop a site for the purpose of constructing the EV Charging Station; (2) an option to purchase or acquire a leasehold site for such purpose; or (3) an exclusivity or other business relationship between the Applicant and the entity having the right to sell, lease or grant the Applicant the right to possess or occupy a site for such purpose. Documentation of ownership may be requested for verification.

Provide documentation demonstrating that applicant has site control over the proposed infrastructure site.	
2. Highway Idle Reduction Technologies on Class 8 Long-Haul Tucks and School E	Buses
To be eligible for 100% funding, highway idle reduction technologies must be combined of same vehicle with either the new installation of one or more of the Verified Engine Retrof Technologies funded under this Program, or on a 2006 EMY or older vehicle that has been previously retrofitted.	it
For All Idle Reduction Technology Projects: Applicants must provide evidence that the chosen technology is EPA or CARB certified.	
Completed Part VII: Fleet Information	
For 100% Funding of Idle Reduction Technology Projects:	
<ul> <li>Applicants must include the installation of certified emissions control technology in the proposed project or</li> </ul>	
<ul> <li>Applicants must provide evidence that a 2006 EMY or older has been previously retrofitted.</li> </ul>	
3. Idle Reduction Systems for Locomotives C.3.a. Locomotive Shorepower Systems	
Address of Proposed Installation:	
Provide name of facility, street address, street intersection and/or latitude/longitude and city	
Submit the following supporting documentation for the Locomotive Shorepower Proposal:	
Provide documentation demonstrating that applicant has site control over the proposed infrastructure site.	
Demonstrate that the proposed system has the capacity, demand, and commitment to be utilized for more than 1,000 MW-hours per year.	
C.3.B Automatic Shutdown/Start-up Systems for Locomotives.	
Submit the following supporting documentation for each locomotive:	
Provide documentation that the locomotive has been operating 1,000 or more hours in the twelve months preceding this application.	

Upgrade technologies for any eligible engines must be on one of EPA's list of eligible technologies. Applicants must provide evidence that the chosen technology is EPA Verified.	
Completed Part VII: Fleet Information	

#### D. EPA-Certified Aerodynamic Technologies and Low Rolling Resistance Tires:

To improve fuel efficiency, long haul Class 8 trucks can be retrofitted with aerodynamic trailer fairings or the fairings can be provided as new equipment options. Certain tire models can provide a reduction in NOx emissions and fuel savings, relative to the "standard" new tires for long haul Class 8 trucks, when used on all axles.

EPA will not fund stand-alone aerodynamic technologies or low rolling resistance tires. However, funding can cover up to 100% of the cost (labor and equipment) for verified aerodynamic technologies or verified low rolling resistance tires installed on long haul Class 8 trucks, if combined on the same vehicle with the new installation of one or more of the Verified Engine Retrofit Technologies.

<ul> <li>For All Aerodynamic Technology Projects:</li> <li>Applicants must provide evidence that the chosen technology is EPA or CARB certified.</li> </ul>	
<ul> <li>Applicants must include the installation of certified emissions control technology in the proposed project.</li> </ul>	

**E. EV Charging Infrastructure –** Complete **only** if you are replacing vehicles or equipment with an electric equivalent <u>and</u> installing associated charging infrastructure.

Number of EV Charg				
Туре	Brand	Model	Number of Chargers	Number of Outlets
Level 1				
Level 2				
DC Fast Charger				
Address of Proposed Installation  Provide name of facility, street address, street intersection and/or latitude/longitude and city				
Attach all specification sheets for equipment for the EV charging infrastructure.				
Attach all estimates for equipment, site preparation, installation and labor for the EV charging infrastructure.				

## Part IV. Proposed Budget:

Please provide a list of the expenses for the proposed project. You may add line items as needed. Attach additional sheets if more line items are required than the space allotted below.

Nev	w Vehicle/Equi	pment/Engine De	escription		
Number of replacements vehicles/engines /equipment	Equipment Type (e.g. Frontloader refuse truck)	Make	Model	Year	Cost
Drayage truck maint	tenance (labor &	materials) if applic	able and reque	ested. <sup>10</sup>	
Installation Cost of \	/ehicle, Equipme	nt and Engine (labo	or & materials)	)	
		Total Cost of Veh	icle, Equipme	ent, Engine:	
EV Charging Infrast Vehicle and installing				ith an electric	
Cost of Charging Sta	ation(s) listed in I	Part III E of this for	m		
Site Preparation Cos	ts for EV Chargin	ng Station(s) (labor	& materials)		
Installation Costs of	EV Charging Sta	tion(s) (labor & ma	iterials)		
Other (please specif	y)				
		Total	EV Infrastru		
(Tota	l Cost of Vehicle,	Equipment, Engine	e + EV Infrasti		
		,	Anticipated G	Cost Share	
	(Do you anti	icipate a down payı		vn Payment how much?)	
		maining Project C			

<sup>&</sup>lt;sup>10</sup> For drayage trucks only, EPA will also fund the required/scheduled vehicle maintenance, as specified in the owner's manual, which is necessary to meet the warranty requirements for diesel particulate filters installed on new drayage trucks. Funding for required maintenance is available for the duration of the project period, October 1, 2018 to September 30, 2019.

11

#### Part V: Evaluation Criteria

Proposed projects should reduce diesel emissions, be cost effective (including consideration of the applicant's ability to provide matching funds), and have potential for completion by August 31, 2020. Project ideas will be ranked according to the following criteria. The criteria include, but are not limited to the list below. It is important to note that the list below is of preferential funding criteria, not eligibility criteria. For any criteria referencing geography, use the geographical area in which the vehicle operates; this may be different from the business address.

Check all that apply. Any relevant information may be included below each item. (250-word limit)

Ranking Criteria: Please check those that apply	
Is your project located in or does the vehicle operate in one the following counties: Fairfield, New Haven or Middlesex?	☐ Fairfield ☐ New Haven ☐ Middlesex
Project is in an environmental justice (EJ). <sup>11</sup> or other community that has historically borne a disproportionate share of the adverse impacts of air pollution from sources including, but not limited to transportation hubs/corridors, ports, rail yards, truck stops, airports, terminals, and bus depots. <i>If checked please identify the community and confirm that the project vehicles will spend a significant amount of time operating in the affected area.</i>	
Project is near transportation hubs or corridors. <i>If checked, please describe below.</i>	
Project is in a U.S. Census-defined urban area. 12 If checked, please identify the area.	
Project is in an area that receives a disproportionate quantity of air pollution from diesel fleets, including ports, rail yards, terminals, construction sites, school bus depots/yards, and distribution centers. <i>If checked, please describe below.</i>	
For replacement projects only: Vehicle/equipment is being replaced three years or more ahead of normal replacement schedule. If checked, attach a copy of the owner's schedule for vehicle retirement to confirm.	

<sup>&</sup>lt;sup>11</sup> Connecticut EJ communities are listed at <a href="http://www.ct.gov/deep/cwp/view.asp?a=2688&Q=432364&deepNav\_GID=1511">http://www.ct.gov/deep/cwp/view.asp?a=2688&Q=432364&deepNav\_GID=1511</a> and Connecticut's DECD distressed communities at <a href="http://www.ct.gov/ecd/cwp/view.asp?a=1105&q=251248">http://www.ct.gov/ecd/cwp/view.asp?a=2688&Q=432364&deepNav\_GID=1511</a>

<sup>&</sup>lt;sup>12</sup> See Connecticut: 2010 *Population and Housing Unit Counts,* Page 67 at https://www2.census.gov/library/publications/decennial/2010/cph-2/cph-2-8.pdf

Applicant has, or project includes, a motor-vehicle anti-idling education and outreach program. <i>If checked, please summarize plan and submit documentation proving existence of an anti-idling program.</i>	
Project is consistent with the transportation section of the 2017 Comprehensive Energy Strategy for Connecticut. and the State's clean fuels/clean vehicles initiative. If checked, please identify elements of the project that are consistent with these initiatives.	
	<u>'</u>

See Connecticut's 2017 Comprehensive Energy Strategy at <a href="http://ct.gov/deep/lib/deep/energy/ces/2017">http://ct.gov/deep/lib/deep/energy/ces/2017</a> draft comprehensiveenergystrategy.pdf
 See a presentation of the Draft Clean Fuels / Clean Vehicles Plan at

http://www.ct.gov/deep/lib/deep/air/siprac/2014/zev implementation plan meeting.pdf.

#### Part VI: Terms & Conditions

Applicant is aware of the reimbursement options within EPA's 2019 State DERA Program Guide. 15

Non-Government Vehicle/Equipment Owners must enter into a contract with the State of Connecticut and comply with state and federal contracting requirements.

Vehicle/Equipment Owners must agree to keep the replacement, repowered or retrofitted vehicle or equipment operational in Connecticut, with emission controls in place, for a minimum of three years or to replace with equipment with equal or better emissions reductions.

If the proposal includes the replacement of a vehicle or engine, Vehicle/Equipment Owners must provide documentation that the old vehicle or engine has been rendered permanently disabled before funds are released for final payment.

If the proposal is for a project requiring a mandatory cost share (i.e. eligible for less than 100% in grant funds), Owners must provide a statement that they can secure the balance of funds and will ensure that the balance of funds comes from a source eligible to supplement this grant.

This is a reimbursement program; award recipients will be required to demonstrate payment for the project before receiving awarded funds.

Project must be completed and paperwork submitted no later than August 31, 2020. DEEP cannot guarantee reimbursement payments for submissions after that date.

I hereby affirm, under penalty of law, that the information provided here is true and correct to the best of my knowledge. I further affirm that I have read, understand, and agree to all of the terms and conditions stated above. I understand that if it is determined that any funds were awarded to me as a result of false statements, I will be required to reimburse said funds to DEEP. I further understand that any false statement made in the submitted information may be punishable as a criminal offense under section 22a-175 of the Connecticut General Statutes, under section 53a-157b of the Connecticut General Statutes, and in accordance with any applicable statute.

Signature	
Typed Name	Date

<sup>&</sup>lt;sup>15</sup> Find the 2019 State Clean Diesel Grant Program Information Guide on the EPA website at: <a href="https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=P100WK7X.pdf">https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=P100WK7X.pdf</a>



## Connecticut Department of Energy & Environmental Protection

## Part VII: Fleet Information:

List all vehicles or pieces of equipment that will be replaced, repowered, retrofitted or fitted with highway idle reduction technology for this proposed project. Use additional sheets if needed.

Vehicle Class <u>or</u> Type of Equipment	Engine Make	Engine Model	Engine Model Year	Vehicle I dentification Number (VIN)	Engine Serial Number	Engine Family Code	Horse- power	Marine Engine Cylinder Displace- ment	Current Fuel Type	Annual Fuel Usage	Annual Mileage/ Operating Hours	Vehicle Annual Idling Hours	New Fuel Type	New Engine MPG or GPH	New Engine Idling Hours Reduced