

Emissions Reduction Incentive Grant Supplemental Activity Application Form Repower of Heavy Duty Vehicles and Equipment

TCEQ-10430c
Version 15.01



Applications will be considered void if language is altered.
The completed form should be attached to the Project Application Form TCEQ-10430.
This application form is only valid for the application period ending December 2, 2014, or subsequent end date if the application period is extended.

Application Deadline:

ERIG applications will be accepted until 5 p.m. Central Time on December 2, 2014, unless extended to a later date by the TCEQ.

Texas Commission on Environmental Quality
Air Quality Division
Implementation Grants Section (Incentive Grants), MC-204
P.O. Box 13087
Austin, TX 78711-3087

<http://www.terpgrants.org>



Repower of Heavy Duty Vehicles and Equipment

Form 1 - General Information

Attach this form to the Project Application Form TCEQ-10430

1. Emission source

Mark with an X below the repower emissions source for this application. (Only one source allowed.)	
On-Road Heavy Duty Vehicles:	
Non-Road Heavy Duty Equipment:	
Marine Vessels:	
Locomotives:	
Stationary Equipment:	

2. Has the purchase already been completed? (Mark the appropriate box with an X.)

Yes:		No:	
Date of purchase:			
Expected # of months to complete the purchase:			

3. Has this activity been included in a previous application to TCEQ? (Mark the appropriate box with an X.)

Yes:		No:	
If the box above was marked yes, then please explain and include the date:			

4. Certification of Ownership

By signing the application Signature Page, the applicant certifies that the applicant is the current owner of the vehicle or equipment being repowered. Ownership does not include leases.

Locomotive only

5. What will be the primary use of the locomotive? (Mark the appropriate box with an X. Refer to the instructions in the RFGA for details on the options.)

Switchyard, Short Haul, etc.:		Industrial Rail – Limited use by an industrial or commercial entity. (see instructions in the RFGA for detailed definition):	
-------------------------------	--	--	--

6. Does the old locomotive/engine have a start stop device? (Mark the appropriate box with an X.)

Yes:		No:	
------	--	-----	--

7. The new locomotive will be what type? (Mark the appropriate box with an X.)

Genset/Hybrid:		Regular One Engine Switcher:	
----------------	--	------------------------------	--

8. Briefly explain the use of the locomotive below to verify the category marked in Item 5. above.

Non-Road Heavy-Duty Equipment Only

9. Is the non-road equipment used for natural gas recovery purposes AND the applicant chooses not to commit to operate the equipment at least 75% of the annual use in the areas designated in the application? (Mark the appropriate box with an X.)

Note: Non-Road equipment used for natural gas recovery purposes, attach the Supplemental 2: Non-Road Heavy-Duty Equipment Used for Gas Recovery Purposes.

Yes:		No:	
------	--	-----	--

Repower of Heavy Duty Vehicles and Equipment

Vehicle/Equipment Information

Form 2.1

Old Vehicle/Equipment Information

Description	Activity Number:				
Vehicle/Equipment Description:					
Vehicle/Equipment Make:					
Vehicle/Equipment Model or Model Number:					
Vehicle/Equipment Year:					
Vehicle/Equipment Identification Number:					
Gross Vehicle Weight Rating: (On-Road only)					
Engine Make:					
Engine Model or Model Number:					
Engine Identification Number:					
Engine Year:					
Engine Horsepower:					
Fuel Type:					
Engine Family Code: (12-digit emissions code)					
Certified NOx Emissions: (g/bhp-hr)					

Repower of Heavy Duty Vehicles and Equipment

Vehicle/Equipment Information

Form 2.2

Old Vehicle/Equipment Information

Description	Activity Number:				
Vehicle/Equipment Description:					
Vehicle/Equipment Make:					
Vehicle/Equipment Model or Model Number:					
Vehicle/Equipment Year:					
Vehicle/Equipment Identification Number:					
Gross Vehicle Weight Rating: (On-Road only)					
Engine Make:					
Engine Model or Model Number:					
Engine Identification Number:					
Engine Year:					
Engine Horsepower:					
Fuel Type:					
Engine Family Code: (12-digit emissions code)					
Certified NOx Emissions: (g/bhp-hr)					

Repower of Heavy Duty Vehicles and Equipment

Vehicle/Equipment Information

Form 2.3

Old Vehicle/Equipment Information

Description	Activity Number:				
Vehicle/Equipment Description:					
Vehicle/Equipment Make:					
Vehicle/Equipment Model or Model Number:					
Vehicle/Equipment Year:					
Vehicle/Equipment Identification Number:					
Gross Vehicle Weight Rating: (On-Road only)					
Engine Make:					
Engine Model or Model Number:					
Engine Identification Number:					
Engine Year:					
Engine Horsepower:					
Fuel Type:					
Engine Family Code: (12-digit emissions code)					
Certified NOx Emissions: (g/bhp-hr)					

Repower of Heavy Duty Vehicles and Equipment

Vehicle/Equipment Information

Form 2.4

Old Vehicle/Equipment Information

Description	Activity Number:				
Vehicle/Equipment Description:					
Vehicle/Equipment Make:					
Vehicle/Equipment Model or Model Number:					
Vehicle/Equipment Year:					
Vehicle/Equipment Identification Number:					
Gross Vehicle Weight Rating: (On-Road only)					
Engine Make:					
Engine Model or Model Number:					
Engine Identification Number:					
Engine Year:					
Engine Horsepower:					
Fuel Type:					
Engine Family Code: (12-digit emissions code)					
Certified NOx Emissions: (g/bhp-hr)					

Repower of Heavy Duty Vehicles and Equipment

Vehicle/Equipment Information

Form 3.1

New Repower Information

Description	Activity Number:				
Old Vehicle/Equipment Description: (Original)					
Old Vehicle/Equipment Make: (Original)					
Engine Make:					
Engine Model or Model Number:					
Engine Identification Number:					
Engine Year:					
Engine Horsepower:					
Fuel Type:					
Engine Family Code: (12-digit emissions code)					
Certified NOx Emissions: (g/bhp-hr)					

Repower of Heavy Duty Vehicles and Equipment

Vehicle/Equipment Information

Form 3.2

New Repower Information

Description	Activity Number:				
Old Vehicle/Equipment Description: (Original)					
Old Vehicle/Equipment Make: (Original)					
Engine Make:					
Engine Model or Model Number:					
Engine Identification Number:					
Engine Year:					
Engine Horsepower:					
Fuel Type:					
Engine Family Code: (12-digit emissions code)					
Certified NOx Emissions: (g/bhp-hr)					

Repower of Heavy Duty Vehicles and Equipment

Vehicle/Equipment Information

Form 3.3

New Repower Information

Description	Activity Number:				
Old Vehicle/Equipment Description: (Original)					
Old Vehicle/Equipment Make: (Original)					
Engine Make:					
Engine Model or Model Number:					
Engine Identification Number:					
Engine Year:					
Engine Horsepower:					
Fuel Type:					
Engine Family Code: (12-digit emissions code)					
Certified NOx Emissions: (g/bhp-hr)					

Repower of Heavy Duty Vehicles and Equipment

Vehicle/Equipment Information

Form 3.4

New Repower Information

Description	Activity Number:				
Old Vehicle/Equipment Description: (Original)					
Old Vehicle/Equipment Make: (Original)					
Engine Make:					
Engine Model or Model Number:					
Engine Identification Number:					
Engine Year:					
Engine Horsepower:					
Fuel Type:					
Engine Family Code: (12-digit emissions code)					
Certified NOx Emissions: (g/bhp-hr)					

Repower of Heavy Duty Vehicles and Equipment

Vehicle/Equipment Financial Data

Form 4.1

1. Incremental Cost / Cost to Applicant Calculation

(Refer to section 1.5 of the RFGA for explanations of incremental cost, global positioning system, and scrappage value under Eligible Cost)

Description	Activity Number:				
Capital Cost - Engine (A):					
Capital Cost - Additional Equipment (B):					
Capital Cost - Installation (C):					
Capital Cost - Misc. Supplies (D):					
Global Positioning System (E):					
Scrappage Value (F): (Scrappage value or dollar amount received for the old engine)					
Other Financial Incentives and Tax Credits (G):					
Incremental Cost / Cost to Applicant (H): (A + B + C + D + E - F - G = H)					

2. Maximum Grant Amount Calculation

(Refer to RFGA for explanation of maximum grant amount calculation, Section 1.5, Maximum Eligible Grant Amount)

Description	Activity Number:				
Incremental Cost / Cost to Applicant (H):					
Enter the maximum % (I):					
Maximum Eligible Grant Amount (J): (H x I = J)					
Grant Amount Requested for This Activity:					

3. Other Financial Incentives and Tax Credits

Explain any other financial assistance to be used for the purchase or lease, such as tax credits or deductions, other grants, or any other public financial assistance. This does not include the amount you finance through a bank or other third-party to purchase the equipment.	
---	--

4. Procurement Process

Explain the process used (or to be used) to select the dealer and the vehicle. One (1) bid or quote is required to be attached to this grant application.	
---	--

Repower of Heavy Duty Vehicles and Equipment

Vehicle/Equipment Financial Data

Form 4.2

1. Incremental Cost / Cost to Applicant Calculation

(Refer to section 1.5 of the RFGA for explanations of incremental cost, global positioning system, and scrappage value under Eligible Cost)

Description	Activity Number:				
Capital Cost - Engine (A):					
Capital Cost - Additional Equipment (B):					
Capital Cost - Installation (C):					
Capital Cost - Misc. Supplies (D):					
Global Positioning System (E):					
Scrappage Value (F): (Scrappage value or dollar amount received for the old engine)					
Other Financial Incentives and Tax Credits (G):					
Incremental Cost / Cost to Applicant (H): (A + B + C + D + E - F - G = H)					

2. Maximum Grant Amount Calculation

(Refer to RFGA for explanation of maximum grant amount calculation, Section 1.5, Maximum Eligible Grant Amount)

Description	Activity Number:				
Incremental Cost / Cost to Applicant (H):					
Enter the maximum % (I):					
Maximum Eligible Grant Amount(J): (H x I = J)					
Grant Amount Requested for This Activity:					

3. Other Financial Incentives and Tax Credits

Explain any other financial assistance to be used for the purchase or lease, such as tax credits or deductions, other grants, or any other public financial assistance. This does not include the amount you finance through a bank or other third-party to purchase the equipment.	
---	--

4. Procurement Process

Explain the process used (or to be used) to select the dealer and the vehicle. One (1) bid or quote is required to be attached to this grant application.	
---	--

Repower of Heavy Duty Vehicles and Equipment

Vehicle/Equipment Financial Data

Form 4.3

1. Incremental Cost / Cost to Applicant Calculation

(Refer to section 1.5 of the RFGA for explanations of incremental cost, global positioning system, and scrappage value under Eligible Cost)

Description	Activity Number:				
Capital Cost - Engine (A):					
Capital Cost - Additional Equipment (B):					
Capital Cost - Installation (C):					
Capital Cost - Misc. Supplies (D):					
Global Positioning System (E):					
Scrapage Value (F): (Scrapage value or dollar amount received for the old engine)					
Other Financial Incentives and Tax Credits (G):					
Incremental Cost / Cost to Applicant (H): (A + B + C + D + E - F - G = H)					

2. Maximum Grant Amount Calculation

(Refer to RFGA for explanation of maximum grant amount calculation, Section 1.5, Maximum Eligible Grant Amount)

Description	Activity Number:				
Incremental Cost / Cost to Applicant (H):					
Enter the maximum % (I):					
Maximum Eligible Grant Amount (J): (H x I = J)					
Grant Amount Requested for This Activity:					

3. Other Financial Incentives and Tax Credits

Explain any other financial assistance to be used for the purchase or lease, such as tax credits or deductions, other grants, or any other public financial assistance. This does not include the amount you finance through a bank or other third-party to purchase the equipment.	
---	--

4. Procurement Process

Explain the process used (or to be used) to select the dealer and the vehicle. One (1) bid or quote is required to be attached to this grant application.	
---	--

Repower of Heavy Duty Vehicles and Equipment

Vehicle/Equipment Financial Data

Form 4.4

1. Incremental Cost / Cost to Applicant Calculation

(Refer to section 1.5 of the RFGA for explanations of incremental cost, global positioning system, and scrappage value under Eligible Cost)

Description	Activity Number:				
Capital Cost - Engine (A):					
Capital Cost - Additional Equipment (B):					
Capital Cost - Installation (C):					
Capital Cost - Misc. Supplies (D):					
Global Positioning System (E):					
Scrappage Value (F): (Scrappage value or dollar amount received for the old engine)					
Other Financial Incentives and Tax Credits (G):					
Incremental Cost / Cost to Applicant (H): (A + B + C + D + E - F - G = H)					

2. Maximum Grant Amount Calculation

(Refer to RFGA for explanation of maximum grant amount calculation, Section 1.5, Maximum Eligible Grant Amount)

Description	Activity Number:				
Incremental Cost / Cost to Applicant (H):					
Enter the maximum % (I):					
Maximum Eligible Grant Amount (J): (H x I = J)					
Grant Amount Requested for This Activity:					

3. Other Financial Incentives and Tax Credits

Explain any other financial assistance to be used for the purchase or lease, such as tax credits or deductions, other grants, or any other public financial assistance. This does not include the amount you finance through a bank or other third-party to purchase the equipment.	
---	--

4. Procurement Process

Explain the process used (or to be used) to select the dealer and the vehicle. One (1) bid or quote is required to be attached to this grant application.	
---	--

Repower of Heavy Duty Vehicles and Equipment

Vehicle/Equipment Information

Form 5.1

Activity Life and Area

Description	Activity Number:				
Designated Activity Life:					
% of Annual Usage Austin Area: (Bastrop, Caldwell, Hays, Travis, and Williamson Counties)					
% of Annual Usage Beaumont-Port Arthur Area: (Hardin, Jefferson, and Orange Counties)					
% of Annual Usage Corpus Christi Area: (Nueces and San Patricio Counties)					
% of Annual Usage Dallas-Fort Worth Area: (Collin, Dallas, Denton, Ellis, Hood, Johnson, Kaufman, Parker, Rockwall, Tarrant, and Wise Counties)					
% of Annual Usage Houston-Galveston-Brazoria Area: (Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller Counties)					
% of Annual Usage San Antonio Area: (Bexar, Comal, Guadalupe, and Wilson Counties)					
% of Annual Usage Tyler-Longview Area: (Gregg, Harrison, Rusk, Smith, and Upshur Counties)					
% of Annual Usage • Victoria Area: (Victoria County)					
% of Annual Usage Spent on Designated Highways and Roadways: (On-Road only)					

Travel Description: Please describe your typical route, including the following: a) Daily, weekly or monthly trips; b) Cities traveled between; and c) Highways traveled. This information must match the percentage and areas marked on Form 5.1

Repower of Heavy Duty Vehicles and Equipment

Vehicle/Equipment Information

Form 5.2

Activity Life and Area

Description	Activity Number:				
Designated Activity Life:					
% of Annual Usage Austin Area: (Bastrop, Caldwell, Hays, Travis, and Williamson Counties)					
% of Annual Usage Beaumont-Port Arthur Area: (Hardin, Jefferson, and Orange Counties)					
% of Annual Usage Corpus Christi Area: (Nueces and San Patricio Counties)					
% of Annual Usage Dallas-Fort Worth Area: (Collin, Dallas, Denton, Ellis, Hood, Johnson, Kaufman, Parker, Rockwall, Tarrant, and Wise Counties)					
% of Annual Usage Houston-Galveston-Brazoria Area: (Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller Counties)					
% of Annual Usage San Antonio Area: (Bexar, Comal, Guadalupe, and Wilson Counties)					
% of Annual Usage Tyler-Longview Area: (Gregg, Harrison, Rusk, Smith, and Upshur Counties)					
% of Annual Usage • Victoria Area: (Victoria County)					
% of Annual Usage Spent on Designated Highways and Roadways: (On-Road only)					

Travel Description: Please describe your typical route, including the following: a) Daily, weekly or monthly trips; b) Cities traveled between; and c) Highways traveled. This information must match the percentage and areas marked on Form 5.2.

Repower of Heavy Duty Vehicles and Equipment

Vehicle/Equipment Information

Form 5.3

Activity Life and Area

Description	Activity Number:				
Designated Activity Life:					
% of Annual Usage Austin Area: (Bastrop, Caldwell, Hays, Travis, and Williamson Counties)					
% of Annual Usage Beaumont-Port Arthur Area: (Hardin, Jefferson, and Orange Counties)					
% of Annual Usage Corpus Christi Area: (Nueces and San Patricio Counties)					
% of Annual Usage Dallas-Fort Worth Area: (Collin, Dallas, Denton, Ellis, Hood, Johnson, Kaufman, Parker, Rockwall, Tarrant, and Wise Counties)					
% of Annual Usage Houston-Galveston-Brazoria Area: (Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller Counties)					
% of Annual Usage San Antonio Area: (Bexar, Comal, Guadalupe, and Wilson Counties)					
% of Annual Usage Tyler-Longview Area: (Gregg, Harrison, Rusk, Smith, and Upshur Counties)					
% of Annual Usage • Victoria Area: (Victoria County)					
% of Annual Usage Spent on Designated Highways and Roadways: (On-Road only)					

Travel Description: Please describe your typical route, including the following: a) Daily, weekly or monthly trips; b) Cities traveled between; and c) Highways traveled. This information must match the percentage and areas marked on Form 5.3.

Repower of Heavy Duty Vehicles and Equipment

Vehicle/Equipment Information

Form 5.4

Activity Life and Area

Description	Activity Number:				
Designated Activity Life:					
% of Annual Usage Austin Area: (Bastrop, Caldwell, Hays, Travis, and Williamson Counties)					
% of Annual Usage Beaumont-Port Arthur Area: (Hardin, Jefferson, and Orange Counties)					
% of Annual Usage Corpus Christi Area: (Nueces and San Patricio Counties)					
% of Annual Usage Dallas-Fort Worth Area: (Collin, Dallas, Denton, Ellis, Hood, Johnson, Kaufman, Parker, Rockwall, Tarrant, and Wise Counties)					
% of Annual Usage Houston-Galveston-Brazoria Area: (Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller Counties)					
% of Annual Usage San Antonio Area: (Bexar, Comal, Guadalupe, and Wilson Counties)					
% of Annual Usage Tyler-Longview Area: (Gregg, Harrison, Rusk, Smith, and Upshur Counties)					
% of Annual Usage • Victoria Area: (Victoria County)					
% of Annual Usage Spent on Designated Highways and Roadways: (On-Road only)					

Travel Description: Please describe your typical route, including the following: a) Daily, weekly or monthly trips; b) Cities traveled between; and c) Highways traveled. This information must match the percentage and areas marked on Form 5.4.

Repower of Heavy Duty Vehicles and Equipment

Vehicle/Equipment Information

Form 6

Usage

1. Usage Commitment Option - List either Option 1 or Option 2 as described in section 1.11 of the RFGA:
 (By selecting Option 2, the applicant will be required to install GPS on the Vehicle/Equipment unless this requirement is waived by the TCEQ)

2. If the TCEQ does not waive the GPS requirements, would the applicant like to use the Option 1 defaults?

(Mark the box to the right Yes or No)

3. Annual Usage Is the annual usage listed below in miles, gallons, or hours?

List the annual usage for each activity

Description	Activity Number:									
Annual Usage:										

List the annual usage for each activity

Description	Activity Number:									
Annual Usage:										

List the annual usage for each activity

Description	Activity Number:									
Annual Usage:							1,000			

List the annual usage for each activity

Description	Activity Number:									
Annual Usage:										

Repower of Heavy Duty Vehicles and Equipment

Vehicle/Equipment Information

Form 7

Disposition of the Engine Being Replaced

1. Are you proposing an alternative method of destruction other than the listed method in the RFGA?(Mark the appropriate box with an X.)

Yes:		No:	
------	--	-----	--

2. Does the alternative method of destruction apply to all activities? (Mark the appropriate box with an X.)

Yes:		No:	
------	--	-----	--

If the box above is marked No, please list the activity numbers which the alternative method applies to below.

--

Explain the alternative method of destruction for those activities in the box below. If needed, please attached additional pages.

--

3. Are you proposing to send the old engine to a remanufacturing facility?(Mark the appropriate box with an X.)

Yes:		No:	
------	--	-----	--

The facility will be operated by or authorized by the original engine manufacturer to remanufacture the engine. The process will include removing all parts and using the old block to build a remanufactured engine with a new serial number. (This option does not include sending the engine to a rebuild facility.) Please provide below any additional information for this selected disposition option:

--

4. Disposition of the Locomotive Engine Being Replaced (Locomotive Only)

The applicant requests Executive Director approval for an alternative disposition plan that will result in the old locomotive engine being permanently removed from the State of Texas. (mark the appropriate box below). Please refer to the RFGA, Appendix G for information on the requirements for submitting an alternative disposition plan.

Yes:		No:	
------	--	-----	--

Replacement of Heavy Duty Vehicles and Equipment

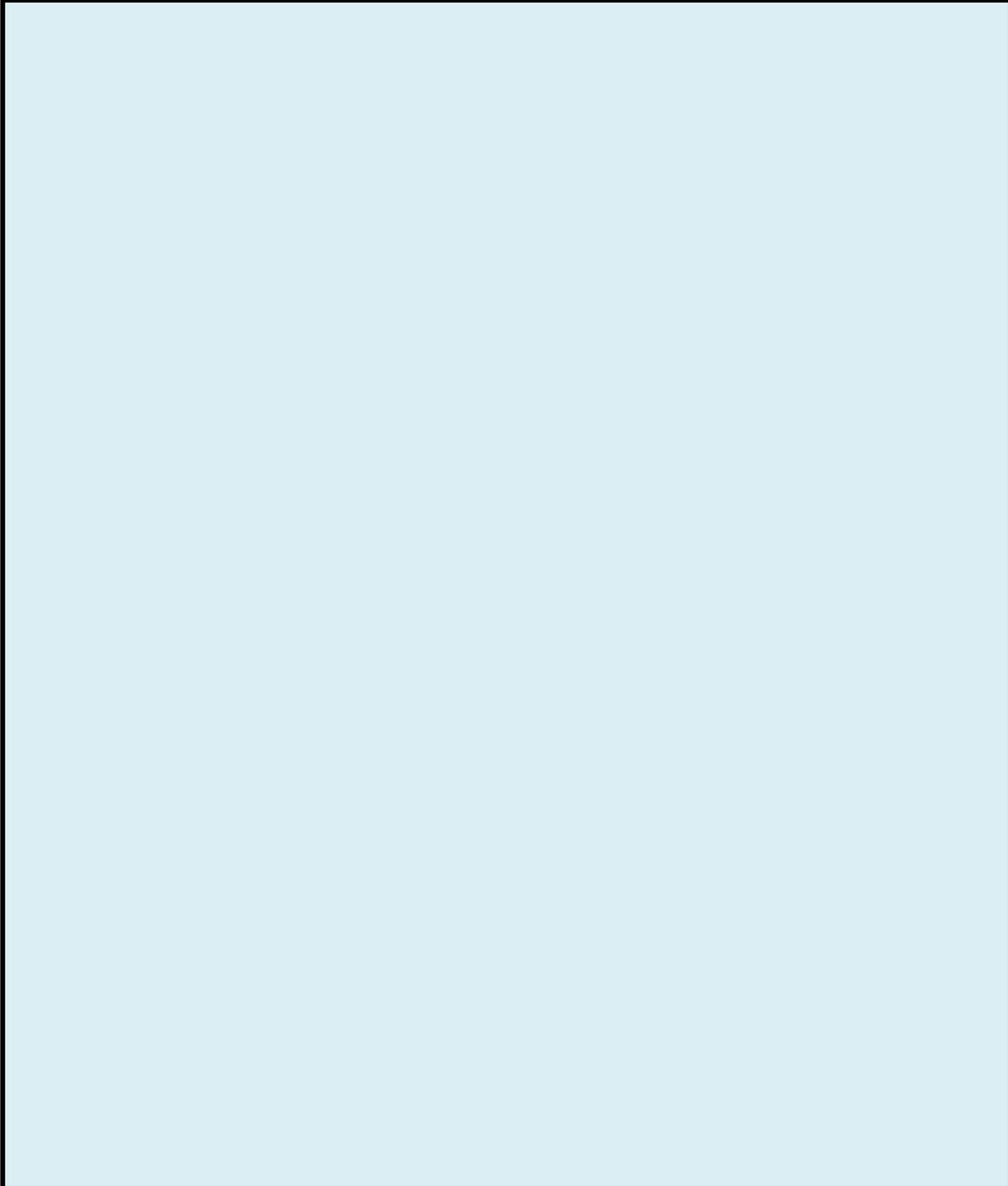
Vehicle/Equipment Information

Form 8

Option 2 Usage Rates Justification

Explain below in detail how you arrived at the proposed usage rate. Provide documentation as outlined in section 1.11 of the RFGA used to justify the usage for the Option 2. If you have chosen option 1 (default values) for your usage commitment, you do not need to complete this form.

Explanation:



Repower of Heavy Duty Vehicles and Equipment

This page should be used as a checklist before grant application submission.

Below is a list of all the pages that require a signature. ALL forms must include original signatures in all signature blocks and should be signed in BLUE ink. No photocopies, faxes, scanned copies, or other copies of required signatures will be accepted. If a signature page is missing or has been altered, the application will not be accepted.

SIGNATURE PAGES

Signature Page (Authorized Official); Child Support Certification (Authorized Official); W-9 Form (Authorized Official)

The following documentation, if applicable, is required with the application

- 1.** If the replacement engine has not been purchased yet, submit one (1) written bid/quote for the purchase. If the final quote has not yet been obtained, provide any preliminary quotes or other information to verify the estimated cost of the replacement engine.
- 2.** If the replacement engine has already been purchased, provide the invoice showing the price paid and itemizing the expenses.
- 3.** Provide written bids/quotes, estimates or other information used to determine the scrappage or remanufacture value of the engine being replaced.
- 4.** A copy of the applicant's current vehicle registration renewal receipt to verify the registration information, ownership, and vehicle weight category. (On-Road only)
- 5.** A copy of the applicant's current marine vessel registration. (Marine Only)

ADDITIONAL FORMS TO INCLUDE

W-9 Form (Request for Taxpayer Identification Number and Certification Form)

Waiver Request (if applicable)

Alternative Disposition Request for Locomotive Engine Being Replaced (Locomotive Only)

Photocopy of state or federal issued identification card (if applicant is an individual or sole proprietor)

Supplemental Form 1: Stationary Equipment (if applicable)

Supplemental Form 2: Non-Road Heavy-Duty Equipment Used for Gas Recovery Purposes