

# Texas Emissions Reduction Plan (TERP) EMISSIONS REDUCTION REBATE GRANTS

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Notice of Rebate Grants (NRG)  
Including Applications from Eligible Small Businesses  
Fiscal Year (FY) 2011

Rebate Grants for Projects to Reduce Emissions of Oxides of Nitrogen (NO<sub>x</sub>)  
in the Air Quality Nonattainment and Near-Nonattainment Areas of Texas  
**Solicitation No. 582-11-12795**

## ***Eligible Counties:***

- **Austin Area:** Williamson, Travis, Bastrop, Caldwell, and Hays Counties
- **Beaumont-Port Arthur Area:** Hardin, Orange, and Jefferson Counties
- **Dallas-Fort Worth Area:** Denton, Collin, Tarrant, Dallas, Rockwall, Kaufman, Ellis, Johnson, and Parker Counties
- **Houston-Galveston-Brazoria Area:** Brazoria, Fort Bend, Waller, Montgomery, Liberty, Chambers, Galveston, and Harris Counties
- **San Antonio Area:** Comal, Guadalupe, Wilson, and Bexar Counties
- **Tyler-Longview Area:** Upshur, Gregg, Rusk, Smith and Harrison Counties

## ***Please Note:***

- A portion of the funding allocated to this program will be set aside for applications from applicants that qualify as a small business, according to the definitions listed in this request. A Small Business Grants Program is authorized under Texas Health and Safety Code §386.116.
- Applications are limited to on-road and non-road repower and replacement projects only.
- Applications will not be accepted for an activity that was included in a project previously awarded a TERP grant and that was subsequently canceled by the grant recipient after the date of issuance of this Notice of Rebate Grants.
- Applicants must choose an Activity Life of either 5 or 7 years. The maximum rebate grant table corresponding to the Activity Life chosen must be used to determine the grant amount.
- An individual or entity may receive no more than ten (10) rebate grants during this period.
- The applicant agrees to **submit a copy of a Texas Nonrepairable Vehicle Title** issued by the Texas Department of Motor Vehicles (TxDMV) for the vehicle replaced under this Agreement. The Texas Nonrepairable Vehicle Title must be submitted at the same time as the required disposition documentation to the TCEQ.
- If applying as an individual or sole proprietor, **a photocopy of a state or federal identification card must be included in the application** (i.e. driver's license).
- Applicants must purchase a 2008 model or later for on-road replacement projects. **Vehicles of a model year earlier than 2008 would not be eligible for purchase**
- Applicants must purchase a 2008 or later manufactured year for non-road projects. **Equipment with engines manufactured prior to 2008 would not be eligible for purchase.**

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

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Applications will be accepted for consideration during this grant period on a first-come-first-served basis at the front desk, Rm. 2202, 2nd floor of Building F on the premises of the TCEQ, through no later than 5:00 p.m., Central Time, on July 29, 2011. Applications received in the TCEQ mail room on that date are not guaranteed to be delivered to Rm. 2202 by the required deadline, so applicants are encouraged to plan their submission date accordingly. In addition, the award of a rebate grant is dependent upon the availability of funding and the TCEQ may suspend acceptance of applications prior to this closing date.

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# **Texas Commission on Environmental Quality (TCEQ)**

## **Notice of Rebate Grants (NRG) Including Applications from Eligible Small Businesses Fiscal Year (FY) 2011**

### **1.0 INVITATION**

The Texas Commission on Environmental Quality (TCEQ) invites applications from persons who operate or plan to operate selected types of on-road heavy-duty diesel vehicles and non-road diesel equipment in the nonattainment and near-nonattainment areas of Texas. Incentive funding is available for activities that will reduce the emission of oxides of nitrogen (NO<sub>x</sub>) in designated eligible counties. NO<sub>x</sub> is usually a byproduct of high-temperature combustion. Everyday functions, like driving a motor vehicle or operating heavy equipment, contribute to the creation of NO<sub>x</sub>. It reacts with volatile organic compounds (VOCs) in the presence of sunlight to form harmful ground-level ozone.

A portion of the funding allocated to the Rebate Grants Program will be set aside for applications from entities that qualify as a Small Business under the TERP Guidelines for the Emissions Reduction Incentive Grants (RG-388), as further explained in this document.

### **1.1 PURPOSE**

This rebate grants program is to implement a portion of the Texas Emissions Reduction Plan (TERP), as authorized under Section 386.117, Texas Health and Safety Code, related to implementation of a Rebate Grants Program and Section 386.116, Texas Health and Safety Code, related to Small Business Incentives. The TCEQ has adopted rules to implement this program under 30 Texas Administrative Code (TAC) Chapter 114, Subchapter K. The TCEQ has also adopted the Guidelines for the Emissions Reduction Incentive Grants, RG-388 (hereafter referred to as the guidelines), which contain more specific standards governing this program.

### **1.2 TERP GOALS**

The goals of the TERP are to:

- a. assure that air in this state is safe to breathe and meets minimum federal standards established under the federal Clean Air Act (42 U.S.C. Section 7407);
- b. develop multi-pollutant approaches to solving the state's environmental problems; and
- c. adequately fund research and development that will make the state a leader in new technologies that can solve the state's environmental problems while creating new business and industry in the state.

To implement the TERP, the Rebate Grants Program will provide rebate grants for eligible activities to offset the incremental costs of projects that reduce emissions of NO<sub>x</sub> from high-emitting internal combustion diesel engines in eligible areas.

### 1.3 PROGRAM GUIDELINES

The guidelines, grant application forms, an example contract, and a copy of this Notice of Rebate Grants (NRG) may be viewed and downloaded from the TCEQ Web site at <[www.terpgrants.org](http://www.terpgrants.org)>. The materials may also be obtained by calling TERP staff at 1-800-919-TERP (8377).

To be eligible for funding consideration, grant applications must be prepared and submitted in accordance with this notice, the guidelines, and the instructions included with the application forms.

### 1.4 ELIGIBLE APPLICANTS AND AREAS

*(Refer to page 7, Chapter 3, and page 21, Chapter 6, of the guidelines.)*

General eligibility requirements under the TERP grant programs are contained in Chapter 6 of the guidelines. Persons who operate or plan to operate on-road heavy-duty vehicles or non-road equipment in the eligible counties in the nonattainment areas, as designated below, are eligible to apply for a rebate grant.

- a. Eligible applicants include individuals, corporations, organizations, governments or governmental subdivisions or agencies, business trusts, partnerships, associations, or any other legal entity. This may include a corporation headquartered outside of the state of Texas, but which operates equipment or vehicles primarily in an eligible county in Texas.
- b. Businesses or other entities in which a TCEQ employee, spouse, or family member of a TCEQ employee has a direct or indirect interest, financial or otherwise, may be prohibited from receiving a grant, depending upon the nature of the interest. Any questions regarding the eligibility of an entity to apply for a grant should be referred to the TERP staff early in the application process.
- c. This NRG does not apply to entities intending to serve as a third party for the funding, whereby the grant funding and/or cost savings resulting from the funding will be passed through to the owners or operators of the vehicles or equipment.
- d. For this grant funding period, the eligible counties (grouped by area) include:
  - **Austin Area:** Williamson, Travis, Bastrop, Caldwell, and Hays Counties
  - **Beaumont-Port Arthur Area:** Hardin, Orange, and Jefferson Counties
  - **Dallas-Fort Worth Area:** Denton, Collin, Tarrant, Dallas, Rockwall, Kaufman, Ellis, Johnson, and Parker Counties
  - **Houston-Galveston-Brazoria Area:** Brazoria, Fort Bend, Waller, Montgomery, Liberty, Chambers, Galveston, and Harris Counties
  - **San Antonio Area:** Comal, Guadalupe, Wilson, and Bexar Counties
  - **Tyler-Longview Area:** Upshur, Gregg, Rusk, Smith and Harrison Counties
- e. For non-road equipment, the applicant must commit to use the equipment at least 75 percent of the annual hours of operation in the eligible counties that the applicant designates in the application.

f. For on-road vehicles, the applicant must designate in the application the percentage of the annual mileage that will occur in the eligible counties listed above, which may not be less than 25 percent of the annual mileage. As explained later in this notice, separate funding tables are provided according to the percentage of use in the eligible counties committed to by the applicant. In addition to the percentage of annual miles in the eligible counties committed to by the applicant, the applicant must also commit to operating the vehicle at least 75 percent of the annual miles in a combination of the eligible counties and on one or more of the highways or roadways designated below.

- Interstate Highway 10 from the Texas/New Mexico border to the Texas/Louisiana border
- Interstate Highway 20 from Interstate Highway 10 to the Texas/Louisiana border
- Interstate Highway 30 from Rockwall County to the Texas/Louisiana border
- Interstate Highway 35 from the Texas/Mexico border to the Texas/Oklahoma border
- Interstate Highway 37 from the Gulf of Mexico to Bexar County
- Interstate Highway 45 from the Montgomery County to Ellis County
- U.S. Highway 59 from the Texas/Mexico border to the Texas/Arkansas border
- U.S. Highway 79 from the Williamson County to the Texas/Louisiana border
- U.S. Highway 281 from the Texas/Mexico border to the Texas/Oklahoma border
- U.S. Highway 77 from the Texas/Mexico border to Ellis County
- U.S. Highway 290 from the Interstate Highway 10 to Waller County

g. Entities meeting the definition of a small business, as explained below, may be eligible for special consideration for funding set aside specifically for applications from small businesses. The application forms include a section for applicants to certify that the applicant meets the small business definition. Under this program, a “small business” is defined as a person who:

- (1) owns and operates not more than two vehicles or pieces of equipment, one of which is:
  - (A) an on-road diesel heavy-duty vehicle with a pre-1994 engine model; or
  - (B) a non-road diesel-powered piece of equipment with an engine with uncontrolled emissions; and
- (2) has owned the vehicle or equipment described under (1)(A) or (B) above for more than one year. (However, note under the program criteria and applications for a replacement project, the applicant must have owned the vehicle or equipment for at least two years.)

h. The Small Business option will be available for the replacement or repower of an on-road heavy-duty vehicle with a currently-installed engine that is a pre-1994 model year and the replacement or repower of non-road equipment with a currently-installed engine with uncontrolled emissions. The manufacture years for uncontrolled non-road engines, according to horsepower, are listed below:

Horsepower	Year
25-99	pre-1998
100-174	pre-1997
175-749 pre-1996	

## 1.5 ELIGIBLE ACTIVITIES, COSTS, AND REBATE GRANT AMOUNTS

General information and criteria on eligible activities are available in the guidelines. This NRG also contains additional requirements that apply to this application period. Potential applicants should review this NRG, the guidelines, and the application form instructions to determine if a proposed project is eligible.

Activities eligible for a rebate grant are intended to reduce NO<sub>x</sub> emissions in the designated eligible counties from on-road heavy-duty diesel vehicles and non-road diesel equipment. The tables contained in appendices to this document list the on-road vehicle weight categories and model years and the non-road equipment types, horsepower ranges, and model years eligible for funding. These tables also show the pre-approved maximum rebate grant amounts for eligible on-road and non-road replacement and repower projects.

Applications will not be accepted for an activity that was included in a project previously awarded a TERP grant and that was subsequently canceled by the grant recipient after the date of issuance of this Notice of Rebate Grants.

An applicant must choose an Activity Life of either 5 or 7 years. Maximum rebate grant amount tables are provided for both a 5-year and 7-year Activity Life. The table corresponding to the Activity Life chosen by the applicant must be used to determine the grant amount.

Different on-road vehicle tables are provided for each weight category. In addition, tables are provided for each weight category, based on the percentage of use commitment, and the activity life. For on-road vehicle projects, the applicant must choose a percentage of the annual mileage that the applicants commits to operating the grant-funded vehicle in the eligible counties. Tables are provided showing the maximum funding amounts for use in the eligible counties of 25-49 percent, 50 to 74 percent, and 75 to 100 percent of the annual miles for that vehicle. The applicant must use the table applicable to the weight category of the vehicle, the percentage of use commitment, and the activity life chosen.

These tables will also be made available for viewing or download on the TERP web site at <[www.terpgrants.org](http://www.terpgrants.org)> or by calling the TERP toll free number at 800-919-TERP (8377).

Activities that may be eligible under this program are outlined below. Vehicles and equipment used primarily for competition or recreational purposes are not eligible for funding under any of the project categories.

### **On-Road Heavy-Duty Diesel Vehicles**

On-road heavy-duty diesel vehicles consistent with the weight categories and model years listed in the appendices are eligible for rebate grants under this program. There are specific requirements for the **replacement or repower** for On-Road Heavy-Duty Vehicles. For additional information, please refer to the guidelines.

## Replacement of On-Road Heavy-Duty Diesel Vehicles

(Refer to page 38, Appendix 1, of the guidelines.)

This category is for the replacement of an on-road heavy-duty diesel vehicle with a 2008 model or newer on-road heavy-duty diesel vehicle. For this category, the applicant must be replacing a vehicle with remaining useful life consistent with the activity life. The baseline for comparison of emissions is the difference between the emissions of the vehicle being replaced and the emissions of the vehicle being purchased.

The replacement vehicle must be certified to emit at least 25 percent less NO<sub>x</sub> than the vehicle being replaced. Certification means approved by the U.S. Environmental Protection Agency (EPA), the California Air Resources Board (CARB), or otherwise accepted by the TCEQ.

The replacement vehicle must be of the same type, weight category, and body and axle configuration as the vehicle being replaced. The replacement vehicle must be configured and intended for use in the same application or vocation (for example, regional delivery) as the vehicle being replaced. The TCEQ may accept, case-by-case, vehicles of a different type, weight category, and/or body and axle configuration to account for the latest technology used for a specific vocation.

The weight listed for the vehicle may not exceed the maximum weight allowed by the Texas Department of Transportation (TxDOT), as listed on the Permissible Weight Table. In general, the maximum weight listed for the vehicle may not exceed 20,000 pounds (lbs.) per axle.

The gross combined weight (GCW) of the vehicle and trailer may be used for haul trucks or similar trucks that permanently operate in combination with a trailer and dump trucks that permanently pull a pup trailer. Equipment trailers pulled by a dump truck are not considered pup trailers. Check with the TCEQ if you are not sure whether your vehicle and trailer combination meet these conditions.

The TCEQ may, at its discretion, accept a weight over 20,000 lb. per axle for vehicles operating under an annual *over gross weight tolerance permit* or other annual specialty permit issued by TxDOT for certain uses. Applicants must provide a copy of the annual permit and/or other documentation of permanent operation in the higher weight category. Registration of the vehicle at a higher weight and/or a temporary overweight permit will not be sufficient documentation that the vehicle is permanently operated at the higher weight.

For the rebate grant program, the replacement vehicle and the vehicle being replaced must have a gross vehicle weight rating within the same weight range as listed on the maximum rebate grant tables.

For a replacement project, the TCEQ will evaluate whether the vehicle being replaced would have otherwise been used in the eligible counties for the period within which the emission reductions will be claimed. Standards that apply are listed below.

1. The applicant's name must be on the front of the title.

2. The applicant must have continuously owned the vehicle and have been listed on the vehicle title for a minimum of two years immediately preceding the grant application.
3. Unless otherwise approved by the TCEQ, the vehicle must have been continuously registered and used in Texas for the preceding two years.
4. The vehicle must be in good operating condition and capable of performing the primary function of the vehicle.
5. The vehicle must have a current safety inspection sticker (if a safety inspection is required for that vehicle and use).

Applicants must provide documentation with the application to show compliance with the ownership and registration requirements, including a copy of the vehicle title dated at least two years preceding the submission of the grant application and with the applicant's name listed as the owner and registration receipts for the previous two years. Lease-to-own agreements and other purchase agreements where the title is not transferred into the applicant's name are not considered ownership for purposes of meeting the two-year ownership requirement.

The TCEQ may waive the two-year ownership requirement on a case-by-case basis in instances where the ownership of the company has changed, the assets of the company have been purchased by another company, or the company has changed names or incorporation status. The use or vocation (for example, regional delivery) of the vehicles or equipment being replaced may not have changed. Applicants with these situations must contact the TCEQ prior to submitting an application to confirm eligibility.

If the current vehicle title is not at least two years old, the applicant must provide copies of the previous title documents covering the two year period and listing the applicant as the owner on the front of the title. If the previous title documents were lost or are otherwise not available, the applicant must provide a written explanation and provide evidence to show that the vehicle was owned by and titled to the applicant.

The TCEQ may waive, case-by-case, the requirement that an on-road vehicle have a current registration and safety inspection for on-road vehicles used exclusively for non-road purposes. The TCEQ may also waive, case-by-case, the requirement that an on-road vehicle has been continuously registered for the preceding two years when the vehicle was used exclusively for non-road purposes or in agricultural activities and other vocations where seasonal use and periodic registration are standard practice for that industry and vocation. The applicant must provide a detailed written summary of the use of the vehicle including dates and amount of use over the preceding two years to show that the vehicle has been in operation for the two year period. The TCEQ will not normally accept vehicles with periods of several months between the use of the vehicle and where those breaks in use are not justified by the vocation of the vehicle.

### **Eligible Costs**

The grant recipient may be eligible for reimbursement of up to 80 percent of the eligible incremental costs associated with the purchase or lease of the replacement vehicle, not to exceed the maximum rebate grant amount established by the TCEQ for that activity. The incremental cost is the cost to purchase the replacement vehicle minus the scrap value of the vehicle being replaced. The TCEQ may establish a default scrap value in the application forms. Eligible costs are listed below.

1. **Capital Costs - Equipment.** Invoice cost or cash basis for the lease costs of the vehicle, including taxes, duty, protective in transit insurance, and freight charges.

2. **Other - Global Positioning System (GPS).** The costs to purchase and install a GPS to track and log the location and use of the vehicle may be included in the incremental costs. Ongoing operational and maintenance charges may not be included. The GPS system must be purchased from the vendor authorized by and contracted with the TCEQ to provide the system. Contact the TCEQ for information on the approved GPS provider.

## **Repower of On-Road Heavy-Duty Diesel Vehicles**

*(Refer to page 39, Appendix 1 of the guidelines.)*

This category is for the replacement (repower) of an existing diesel engine on an on-road heavy-duty vehicle with a new, rebuilt, or remanufactured diesel engine.

The engine must be certified to emit 25 percent less NO<sub>x</sub> than the engine being replaced, based on the federal standard for that engine. Certification means approved by the U.S. Environmental Protection Agency (EPA), the California Air Resources Board (CARB), or otherwise accepted by the TCEQ.

Repowers resulting in any alteration from an original configuration of a vehicle or engine must comply with the provisions of EPA Memorandum 1A (Memo 1A), related to ensuring that altered vehicles and engines continue to meet required emission standards.

The applicant must own the vehicle and be listed as the owner of the vehicle on the vehicle title.

### **Eligible Costs**

The grant recipient may be eligible for reimbursement of the incremental cost of the purchase and installation of the replacement engine, not to exceed the maximum rebate grant amounts established by the TCEQ for that activity. The incremental cost is the cost to purchase and install the replacement engine and associated equipment, minus the scrap value or, if approved by the TCEQ, the trade-in value of the old engine. Eligible costs are listed below.

1. **Capital Costs – Equipment and Installation.**
  - a. Invoice cost of the new engine, including taxes, duty, protective in-transit insurance, and freight charges.
  - b. Invoice cost of additional equipment with a per unit acquisition cost of \$5,000 or more and that is necessary for the completion of the repower project.
  - c. Installation costs, including the cost to remove and dispose of the old engine, if needed. Installation costs may include costs to re-engineer the vehicle for the new engine to fit. Technical design, testing, and other engineering services required as part of the installation work should also be listed under this subcategory.
  - d. Miscellaneous Supplies. Invoice cost of equipment and materials not included as part of the engine with an acquisition cost of less than \$5,000 that are necessary for the repower of the vehicle.

2. **Other - Global Positioning System (GPS).** The costs to purchase and install a GPS to track and log the location and use of the vehicle may be included in the incremental costs. Ongoing operational and maintenance charges may not be included. The GPS must be purchased from the vendor authorized by and contracted with the TCEQ to provide the system. Contact the TCEQ for information on the approved GPS provider.

## **Non-Road Diesel Equipment**

Non-road diesel equipment consistent with the equipment types, horsepower ranges, and model years listed in the appendices are eligible for rebate grants under this program. Non-road equipment must be powered by a diesel engine 25 horsepower (hp) or greater to be eligible under this program. For replacement and repower projects, this requirement refers to the horsepower of the engine being replaced and does not apply to the replacement engine or technology.

The maximum rebate grant amounts listed in the Rebate Grant Funding Summary are categorized by the eligible horsepower ranges. Non-road equipment with engines 750 horsepower or greater are not eligible under the rebate grants program. This equipment and engines may still be eligible under other TERP grant programs.

Replacement and repower projects may include replacing equipment and engines in a higher horsepower range with equipment and engines in a lower horsepower range, but may not include replacing equipment and engines from a lower horsepower range with those in a higher horsepower range. Under this option, the maximum rebate grant calculated for the engine in the higher horsepower range will apply.

There are specific requirements for the replacement or repower of Non-Road Equipment. Listed below is a summary of eligible activities. For additional information, please also refer to the guidelines.

### **Replacement of Non-Road Diesel Equipment**

*(Refer to page 54, Appendix 2 of the guidelines.)*

This category is for the replacement of non-road diesel equipment with a 2008 or newer engine manufacture year of non-road diesel equipment. For this category, the applicant must be replacing a piece of equipment with at least five years of remaining useful life. The baseline for comparison of emissions is the difference between the emissions of the equipment being replaced and the emissions of the equipment being purchased.

The engine on the replacement equipment must be certified to emit at least 25 percent less NO<sub>x</sub> than the engine being replaced. Certification means approved by the U.S. Environmental Protection Agency (EPA), the California Air Resources Board (CARB), or otherwise accepted by the TCEQ.

The replacement equipment must be of the same equipment type and intended for the same or similar purpose as the equipment being replaced.

For a replacement project, the TCEQ will evaluate whether the equipment being replaced would have otherwise been used in the eligible counties for the period within which the emission reductions will be claimed. Standards that apply include:

1. The applicant must have continuously owned the equipment for a minimum of two years immediately preceding the grant application period;
2. Unless otherwise approved by the TCEQ, the equipment must have been continuously located and used in Texas for the two years preceding the grant application period; and
3. The equipment must be in good operating condition at the time the application is submitted.

The TCEQ may waive the two-year ownership requirement on a case-by-case basis in instances where the ownership of the company has changed, the assets of the company have been purchased by another company, or the company has changed names or incorporation status. The use or vocation (for example, regional delivery) of the vehicles or equipment being replaced may not have changed. Applicants with these situations must contact the TCEQ prior to submitting an application to confirm eligibility.

### **Eligible Costs**

The grant recipient may be eligible for reimbursement of up to 80 percent of the eligible incremental costs associated with the purchase or lease of the replacement equipment, not to exceed the maximum rebate grant amount established by the TCEQ for that activity. The incremental cost is the cost to purchase the replacement equipment minus the scrap value of the equipment being replaced. The TCEQ may establish a default scrap value in the application forms. Eligible costs are listed below.

1. **Capital Costs - Equipment.** Invoice cost or cash basis for the lease costs of the equipment, including taxes, duty, protective in transit insurance, and freight charges. Costs should not include the cost of non-permanent attachments to the equipment that are not directly related to the primary purpose of the equipment. For example, the cost of a bucket for an excavator may be included, but the cost of an optional loader bucket on an agricultural tractor should not be included.
2. **Other - Global Positioning System (GPS)** The costs to purchase and install a GPS to track and log the location and use of the equipment may be included in the incremental costs. Ongoing operational and maintenance charges may not be included. The GPS must be purchased from the vendor authorized by and contracted with the TCEQ to provide the system. Contact the TCEQ for information on the approved GPS provider.

### **Repower of Non-Road Diesel Equipment**

(Refer to page 55, Appendix 2 of the guidelines.)

This category is for the replacement of an existing diesel engine on a non-road piece of equipment with a new, rebuilt, or remanufactured diesel engine.

The engine must be certified to emit at least 25 percent less NO<sub>x</sub> than the engine being replaced. Certification means approved by the U.S. Environmental Protection Agency (EPA), the California Air Resources Board (CARB), or otherwise accepted by the TCEQ.

Subject to approval of the TCEQ, a non-road engine emissions upgrade rebuild kit verified by the EPA or CARB to result in a reduction in NO<sub>x</sub> emissions of at least 25 percent may be considered a repower. The upgrade system must be installed in accordance with the specifications of the EPA or CARB verification and in accordance with the system manufacturer's requirements. A label or other identification markings must be affixed to the upgraded engine signifying that the kit has been installed and indicating the emissions rate or percentage reduction in emissions from the original baseline engine to which the upgraded engine is now verified.

Eligible rebuilt or remanufactured engines must use original engine manufacturer (OEM) components only and be purchased from the OEM or its authorized dealers/distributors. The TCEQ may accept engines provided by other entities, not connected with the OEM, subject to a case-by-case determination.

The applicant must own the equipment being repowered.

### **Eligible Costs**

The grant recipient may be eligible for reimbursement of the incremental cost of the purchase and installation of the replacement engine, not to exceed the maximum rebate grant amounts established by the TCEQ for that activity. The incremental cost is the cost to purchase and install the replacement engine and associated equipment, minus the scrap value or, if approved by the TCEQ, the trade-in value of the old engine. Eligible costs are listed below.

3. **Capital Costs – Equipment and Installation.**
  - a. Invoice cost of the new engine, including taxes, duty, protective in-transit insurance, and freight charges.
  - b. Invoice cost of additional equipment with a per unit acquisition cost of \$5,000 or more and that is necessary for the completion of the repower project.
  - c. Installation costs, including the cost to remove and dispose of the old engine, if needed. Installation costs may include costs to re-engineer the equipment for the new engine to fit. Technical design, testing, and other engineering services required as part of the installation work should also be listed under this subcategory.
  - d. Miscellaneous Supplies. Invoice cost of equipment and materials not included as part of the engine with an acquisition cost of less than \$5,000 that are necessary for the repower of the vehicle.
  
4. **Other - Global Positioning System (GPS).** The costs to purchase and install a GPS to track and log the location and use of the equipment may be included in the incremental costs. Ongoing operational and maintenance charges may not be included. The GPS must be purchased from the vendor authorized by and contracted with the TCEQ to provide the system. Contact the TCEQ for information on the approved GPS provider.

## **1.6 ADDITIONAL REQUIREMENTS**

Additional criteria that apply to activities funded under this program are discussed below.

- a. Only one activity may be included in a rebate grant application. An individual or entity may receive no more than ten (10) rebate grants for different activities during this application period.
- b. If applying as an individual or sole proprietor, a photocopy of a state or federal identification card must be included in the application (i.e. driver's license).
- c. An applicant may not simultaneously apply for the same project under this NRG and a Request for Applications under a separate TERP grant program. If an eligible application for a particular project is not selected for funding under one TERP grant program, the applicant may then submit an application under a different TERP grant program.
- d. Vehicles, equipment, and/or engines replaced under this program must be scrapped or otherwise rendered permanently inoperable within ninety days of the grant recipient being reimbursed by the TCEQ. A hole, large enough to prevent repairs (usually at least 3 inches in diameter), will need to be drilled or cut in the engine block and the frame rails or other structural components will need to be cut so that repairs are not possible. A certification of the disposition of the old vehicle, equipment, and/or engine must be provided on forms to be provided by the TCEQ. The grant contract will include specific provisions for scrapping the vehicles, equipment, and/or engines and for submitting scrapage verification information to the TCEQ.
- e. Applicants must submit a copy of a Texas Nonrepairable Vehicle Title issued by the Texas Department of Motor Vehicles (TxDMV) for the vehicle(s) replaced under this grant contract. The Texas Nonrepairable Vehicle Title must be submitted at the same time that the required disposition documentation is submitted to the TCEQ. This title is available by submitting a completed form VTR-441 along with the required fee to the TxDMV.
- f. Engine scrapage may include sending the engine to a remanufacture facility authorized by the original engine manufacturer. The remanufacture of the engine must include removing all parts and using the old block to build a remanufactured engine with a new serial number.
- g. The cost per ton of NO<sub>x</sub> reduced of the project may not exceed \$10,000. The cost per ton factor was used by the TCEQ in the calculations of the maximum rebate grant amounts listed in the appendixes.
- h. The grant may only reimburse up to 80 percent of the eligible incremental costs of a replacement project. The requirement applies, regardless of the maximum rebate grant amount set for that type of project.
- i. For non-road equipment projects, not less than 75 percent of the annual usage of grant-funded equipment during the Activity Life must take place within the eligible counties marked in the Approved Application. Annual usage of non-road equipment will be measured by hours of operation.
- j. For on-road vehicle projects, not less than the percentage of annual usage committed to by the applicant in the Approved Application must take place in the eligible counties marked in the Approved Application during the Activity Life. The applicant must commit to operating the vehicle at least 25 percent of the annual mileage in the eligible counties. In addition, not less than 75 percent of the annual usage of the grant-funded vehicle during the Activity Life must take place within or on a combination of the eligible counties marked in the Approved Application and the highways and roadways designated in this notice and listed in the Approved Application. Annual usage of on-road vehicles will be measured by miles of operation.

- k. Applicants must agree to monitor the use of the grant-funded vehicles or equipment, and to report semi-annually to the TCEQ for the life of each grant-funded activity. The minimum activity life for projects submitted under this Request for Applications is 5 years.
- l. Applicants must also agree to notify the TCEQ of any termination of use, change in use, sale, transfer, or accidental or intentional destruction of grant-funded vehicles or equipment, or change in use of the qualifying fuel, during the life of each activity.
- m. An activity is not eligible if it is required by any state or federal law, rule, regulation, memorandum of agreement, or other legally binding document. However, this restriction does not apply to an otherwise qualified activity – regardless of the fact that the state implementation plan assumes that the change in equipment, vehicles, or operations will occur – if on the date the grant is awarded the change is not required by any state or federal law, rule, regulation, memorandum of agreement, or other legally binding document. This restriction also does not apply to the purchase of vehicles or equipment that is required only by local law or regulation or by corporate or controlling board policy of a public or private entity.
- n. An activity involving a new emission reduction measure that would otherwise generate marketable credits under state or federal emissions reduction credit averaging, banking, or trading programs is not eligible for funding under this program unless:
- the activity includes the transfer of the reductions that would otherwise be marketable credits to the state implementation plan or the owner or operator as provided under §386.056, Texas Health and Safety Code; and
  - the reductions are permanently retired.
- o. The incremental cost of the proposed activity must be reduced by the value of any existing financial incentive that directly reduces the cost of the proposed activity, including tax credits or deductions, other grants, or any other public financial assistance.
- p. All applications for funding must be completed according to the application instructions and submitted within the required deadline. The complete requirements and instructions are included in the application forms.
- q. In general, repower activities included under a grant project application may have already been started prior to the awarding of a grant. However, expenses to be reimbursed under a repower grant may not have been incurred prior to 12 months before the deadline for application submission. Also, the TCEQ reserves the right to limit or prohibit, on a case-by-case basis, funding for activities that have been conducted and expenses that have been incurred prior to the execution of a grant contract. The TCEQ provides no assurances that a project will be awarded a grant, and the TCEQ has no liability for expenses incurred by an applicant prior to the execution of a grant contract, unless and until those activities and expenses are selected for a grant and included under a grant contract.
- r. For replacement projects, the applicant must have owned the vehicle or equipment for the two years preceding the submission date of the application. The applicant must certify in the application forms that the applicant would have otherwise continued to use the vehicle or equipment in the eligible counties if the grant were not available. Also, unless otherwise approved by the TCEQ, the vehicle or equipment being purchased may not have been acquired before the start of the grant application period.

- s. The gross vehicle weight rating of an on-road vehicle is one of the factors used to determine the maximum eligible grant amount. The combined weight rating of a haul truck and trailer or a dump truck and pup trailer, where the trailer is used on a permanent basis, may be used to determine the weight category for the grant. Other tandem axle on-road vehicles may, at TCEQ's discretion, be accepted in the *Over 60,000 Pounds* weight category. To be accepted at this weight category the vehicle must have been permanently registered at over 60,000 pounds for the previous two years, with a surety bond in place. Copies of the previous registration receipts and the surety bond must be provided with the application to document that the vehicle has been permanently operated at the higher weight. A temporary overweight registration or permit will not be accepted as evidence that a vehicle has been permanently operated at the higher weight.
- t. All services or work carried out under a contract awarded as a result of this NRG must be completed within the scope, time frames, and funding limitations specified in the contract. The contract conditions are part of the rebate grant application forms. In signing the application, the applicant agrees to those conditions.
- u. Application forms will require one primary price quote and additional price quotes for comparison, according to the options listed in the application forms. Grant recipients will be responsible for soliciting the best purchase price and all costs covered by the grant and/or used as the cost basis for determining the grant amount must be reasonable.
- v. Administrative costs and other internal costs of the grant recipient, including but not limited to personnel expenses, internal salaries, indirect costs, and travel will not be eligible for reimbursement. This restriction also applies to situations where the grant recipient acts as the freight/delivery provider for delivery of the grant-funded vehicle or equipment before or after acceptance of the vehicle or equipment.
- w. If the costs for the purchase and installation of a TCEQ-approved Global Positioning System (GPS) are included in the grant, the grant recipient must agree to pay for any required ongoing operational costs of using the GPS, including the reporting system provided by the vendor, for the Activity Life. Failure to maintain and use the GPS may result in a requirement to return any grant funds used to pay for all or part of the purchase and installation of the GPS.
- x. Consultant fees for the preparation of a grant application and administering the grant, either directly or as an addition to the cost basis of the grant-funded vehicle, equipment, or engine by the vendor or installer will be considered administrative costs and are not eligible as an addition to the cost basis of the vehicle or equipment.
- y. Fees for a third-party consultant hired by the grant recipient to manage and administer the grant-funded activities, including coordination of the work and submission of reports and paperwork to the TCEQ for the grant recipient will be considered administrative costs and are not eligible for reimbursement. This determination is not intended to limit the ability of the vehicle or equipment vendor or engine installer to include reasonable and necessary costs for overseeing the work to be performed in the price of the vehicle, equipment, engine, and/or installation services.

- z. Under Section 231.006, Texas Family Code, a child support obligor who is more than 30 days delinquent in paying child support and a business entity in which the obligor is a sole proprietor, partner, shareholder, or owner with an ownership interest of at least 25 percent is not eligible to receive a state-funded grant or loan. All business entities applying for a grant under this Request for Applications must include in the application the name and social security number of the individual or sole proprietor and each partner, shareholder, or owner with an ownership interest of at least 25 percent of the business entity submitting the application. The certifying official submitting the application must also certify in the application that the individual or business entity named in the application is not ineligible to receive the grant and acknowledges that the grant contract may be terminated and payment may be withheld if the certification is inaccurate.
- aa. Applicants must submit a W-9 Form (Request for Taxpayer Identification Number and Certification Form) when submitting the application.
- bb. Applicants must purchase a 2008 model or newer for on-road replacement projects.  
**Vehicles of a model year earlier than 2008 would not be eligible for purchase.**
- cc. Applicants must purchase a 2008 or later manufactured year for non-road projects.  
**Equipment with engines manufactured prior to 2008 would not be eligible for purchase.**

## 1.7 GRANT ADMINISTRATION AND REIMBURSEMENT OF EXPENSES

- a. Except as provided for under Section c. below, payments will be made on a reimbursement basis for eligible expenses incurred and paid by the grant recipient. A cost may not be considered incurred until the grant-funded goods and services have been received and accepted by the grant recipient. The applicant may submit the request for reimbursement when the purchases are completed. Grant recipients must provide documentation to show that equipment or services have been received and the expenses have been incurred and paid by the grant recipient, before reimbursement is provided by the TCEQ.
- b. Subject to approval by the TCEQ, the grant recipient may assign the payments due from the TCEQ directly to the supplier, subcontractor, financing or leasing company, or other entity from which the goods or services were procured, leased, or financed by the grant recipient. A properly completed Texas Application for Payee Identification Number and Notice of Assignment must be completed and submitted with the Request for Reimbursement form. Under this option, the goods and services included under a cost must have been received and accepted by the grant recipient, and the grant recipient must have an obligation to pay the expense.
- c. The TCEQ will strive to process properly completed and documented requests for reimbursement within two weeks of the contract execution date or the receipt of the request, whichever is later. However, the TCEQ and the Texas Comptroller of Public Accounts will not be obligated to process the request and make payment within that targeted time frame.
- d. A summary of all expenses and budget items must be submitted with the request for reimbursement. All reimbursement forms will be provided by the TCEQ with the application forms, available on the TERP web site at <www.terpgrants.org> or by calling the toll free TERP number at (800) 919-TERP (8377).

- e. For replacement projects, the scrap value is considered a cost of performing the Grant Activities and as such must be reasonable. By reasonable, the value received for the vehicle or equipment being replaced must be the result of arms-length bargaining with the entity taking the old vehicle or equipment. The remuneration received and reported to the TCEQ must reflect the actual reasonable scrap value of the old vehicle or equipment. A grant recipient may be required to list on the financial reporting forms any money or in-kind value received in exchange for the scrapped vehicle or equipment including, but not limited to, cash, goods, services (including the services provided by a consultant to assist in preparing and/or submitting a grant application), gifts, intangibles, discounts, or any other items of value. For on-road vehicle and non-road equipment replacement projects, the TCEQ may use a default scrap value of \$1,000, in lieu of the grant recipient reporting the actual remuneration received.
- f. Unless otherwise approved by the TCEQ, all project costs must have been incurred and grant-funded equipment or vehicles received before the end of the grant contract term, and all final requests for reimbursement will need to be submitted within 45 days after termination of the contract.
- g. For any grant activity where the grant-funded vehicle or equipment will be acquired and used under a lease or lease-purchase agreement, the period of the lease agreement must extend for at least the Activity Life or, if the lease terminates before the end of the Activity Life, the lease agreement must include a binding commitment for the grant recipient to pay any remaining costs and to take ownership of and title to the vehicle or equipment. An option to buy at the end of the lease term, without a binding commitment on the part of the grant recipient, will not be sufficient to satisfy this provision.

## **1.8 MONITORING AND REPORTING**

- a. An applicant must choose in the application form an Activity Life of either 5 or 7 years. The maximum rebate grant amount table corresponding to the Activity Life chosen must be used to determine the grant amount. The Activity Life is the period of time (in years) used to calculate the amount of NO<sub>x</sub> emissions reductions that will be achieved through the use of the grant-funded vehicle or equipment.
- b. The beginning and ending dates for the life of each grant-funded activity will be established by the TCEQ. For replacement and repower activities, the beginning of the Activity Life will normally be set on the date that the report verifying that the vehicle, equipment, and/or engine being replaced has been properly disposed of is received by the TCEQ.
- c. Semi-annual reports on the use of the grant-funded vehicle or equipment will be required, using forms to be provided by the TCEQ. If the grant recipient installs a global positioning system (GPS) from the TCEQ-authorized GPS contractor, either as part of the grant or with other funds, the TCEQ may accept the reports available from the GPS service provider in lieu of the grant recipient submitting semi-annual usage reports. In order to use this approach, the grant recipient must enter into a separate agreement with the TCEQ agreeing to periodically verify the information being reported and to pay for the ongoing costs associated with obtaining the reports from the GPS provider. This separate agreement form is available from the TCEQ.

- d. The TCEQ may provide the grant recipient with a label to place on grant-funded vehicles and equipment to aid both the TCEQ and the grant recipient in tracking and identification of those vehicles and pieces of equipment. The grant recipient must agree to place the label on the grant-funded vehicles or equipment.
- e. The TCEQ has identified an approved vendor for a geographic positioning system (GPS) to electronically track the location and use of grant-funded vehicles and equipment. Initial installation of a GPS is voluntary. However, during the activity life of the grant, the TCEQ may require installation of a GPS for grant recipients that are not meeting the grant requirements pertaining to usage or location of use, in lieu of requiring immediate return of grant funds. In those cases of non-compliance, the grant recipient must agree to install and use the approved GPS if requested to do so by the TCEQ, or the grant recipient may be required to return all or a portion of the grant funds.

## 1.9 PERFORMANCE EVALUATION

The TCEQ will prepare written evaluations of the performance of the grant recipient upon completion of all reimbursements and also upon the completion of the life of the project or more frequently, as deemed necessary by the TCEQ.

## 1.10 FUNDING

- a. The total amount to be awarded under this grant program will depend upon the amount of revenue received into the TERP account. Up to \$5 million set aside for projects from applicants qualifying as a small business. However, the TCEQ will not be obligated to fund projects up to these amounts and may adjust or exceed these amounts without an amendment to this notice.
- b. To assist applicants in determining whether sufficient funds will be available to cover their application, the TCEQ will post updates on the TERP web site <[www.terpgrants.org](http://www.terpgrants.org)> regarding the amount of unobligated funds that remain available for rebate grants and for small business applicants. Information will also be available by calling the TERP toll free number at (800) 919-TERP (8377).
- c. The TCEQ will not be obligated to select applications for funding, even if received within the application deadline.
- d. TCEQ may select parts of a proposal for funding and may offer to fund less than the dollar amount requested in a proposal.

## 2.0 APPLICATION PROCESS

- a. **Required Forms.** Application forms may be viewed and downloaded from the TERP web site at <[www.terpgrants.org](http://www.terpgrants.org)>. Copies of the forms may also be obtained by calling the TERP toll free number at (800) 919-TERP (8377).

- b. **Application Submission.** To apply for funding, applicants must complete and submit a grant application which includes the required information described in the instructions included with the application forms. An original copy of the completed and signed forms should be submitted to:

***Regular Mail:***

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

***Express Mail:***

Texas Commission on Environmental Quality  
Air Quality Planning Division  
Implementation Grants Section (TERP Grants), MC-204  
Rebate Grants Program  
12100 Park 35 Circle  
Austin, TX 78753

- c. **Deadline for Submission.** Proposals will be accepted and considered on a first-come-first-served basis during this grant period. The TCEQ may suspend acceptance and/or processing of applications at any time during the application period with no obligation to continue processing an otherwise eligible application received within the deadline. Unless the acceptance of applications is suspended by the TCEQ prior to the application deadline, applications must be received at the front desk, **Rm. 2202, 2nd floor of Building F** on the premises of the TCEQ by **no later than 5:00 p.m., Central Time, July 29, 2011.** Applications received in the TCEQ mail room on July 29, 2011, are not guaranteed to be delivered to Rm. 2202 by the required deadline, so applicants are encouraged to plan their submission date accordingly.
- d. **Use of Consultants.** Private consultants may be available to assist an applicant to complete and submit an application. These consultants do not represent the TCEQ, and the TCEQ neither encourages nor discourages the use of a consultant to assist with the application process. The TCEQ has no agreement with any consultant that applications submitted by a particular consultant will receive more favorable treatment than other applications. As noted under the requirements of Section 1.6, any fees charged by a consultant are the responsibility of the applicant or the vendor and may not be charged to the grant, either directly or as an addition to the cost basis of the grant-funded vehicle or equipment. Also, all purchase decisions must be based on sound business practices and arm's length bargaining. It is generally considered acceptable for an applicant to accept assistance from a vendor or an agent of a vendor in preparing an application, as long as any decision by the applicant to purchase the grant-funded vehicle or equipment from that vendor is made independently and meets the other reasonableness provisions in the grant contract. However, if the consultant is paid directly by the applicant to complete the application documents and to act as the applicant's agent for the grants process, purchases of grant-funded vehicles or equipment from a company in which the consultant has an interest would not normally be considered appropriate by the TCEQ under the reasonableness requirements of the grant contract. Contact the TERP staff with any questions.

The applicant must indicate on the application if the application was prepared by a third party. The applicant must certify that the information provided in the application is correct. The third-party preparer must also sign the application and certify that the information provided is correct.

- e. **Additional Program Information.** Individuals desiring further information are encouraged to call the TERP staff at **1-800-919-TERP (8377)**.
- f. **Public Information.** Upon submission, all proposals become the property of the State of Texas and as such become subject to the Texas Open Records Act, V.T.C.S. art. 6252-17a.

### 3.0 SELECTION CRITERIA

- a. **First-Come-First-Served.** Applications will be date and time stamped as they are received by the TERP program staff. The date and time an application is received in the TCEQ mail room will not be the determining factor. Subject to the additional criteria in this section, properly completed and eligible projects will be processed for approval on a first-come-first-served basis. Incomplete or ineligible applications will be returned to the applicant. Corrected or changed applications will be considered based on the date and time at which the corrected or changed versions are received and stamped by the TERP program staff.
- b. **Small Business Incentives.** Applications from eligible small businesses will be considered for rebate grant awards from the funds set aside by the TCEQ for small business applications. The set-aside amount will be established at the discretion of the TCEQ and the amount may be changed as determined appropriate without an amendment to this notice. After the small business set aside funding amount is exceeded, applications from small businesses will be processed along with other applications in the order received.
- c. **Additional Criteria.** Regardless of the date and time that an otherwise eligible application is received, the TCEQ may consider the additional criteria explained below when selecting applications for grant funding.
  - 1. The TCEQ may base funding decisions on other factors associated with best achieving the goals of the program, and the TCEQ is not obligated to fund a project. As part of this consideration, the TCEQ may give priority to projects in certain areas and/or for certain emission sectors.
  - 2. The TCEQ may make selection for funding contingent upon agreement by the applicant with additional conditions or changes to the project pertaining to equipment, logistical considerations, expenses, and other program elements.
  - 3. The TCEQ may fund projects at less than the maximum rebate grant amounts listed in the appendices.
  - 4. The TCEQ is not obligated to fund a proposal from an applicant that has demonstrated marginal or unsatisfactory performance on previous grants and contracts with the TCEQ and other state agencies. A rating of marginal or unsatisfactory performance on past contracts may be used as a basis to lower or otherwise change the priority and ranking of an application.

5. The TCEQ is not obligated to fund a proposal from an applicant or for a project based on a determination of the risks associated with the applicant and/or project, including the financial condition of the applicant and other risk factors as may be determined by the TCEQ. The TCEQ may also include additional controls in a grant contract to address the risks that may be involved with providing a grant to an applicant considered to be high risk.
6. The TCEQ is not obligated to fund a proposal from an applicant that is under federal, state, or local enforcement action for violation of environmental laws or permit conditions.
7. The TCEQ is not obligated to fund a proposal from an applicant with an overall compliance history classification of *Poor* (45.01 or greater) on the TCEQ's Compliance History Database, for applicants that are subject to the rating.

## 4.0 APPLICATION PROCESSING AND CONTRACTING

a. **Application Review.** The TCEQ will review applications in the order received. Incomplete or ineligible applications will be returned to the applicant. Properly completed and eligible applications will be reviewed by TERP staff and recommended for approval by the authorized TCEQ official.

b. **Contracting.** In signing the rebate grant application, the applicant is agreeing to the contract conditions included with the application forms, as well as the conditions and requirements of this NRG, the TERP guidelines, and all applicable laws and regulations.

If the application is approved, the authorized TCEQ official will sign the approved application, at which time the rebate grant contract will be executed and the contract times begin. A copy of the signed and executed contract will be returned to the rebate grant recipient.

c. **Reimbursement.** If the applicant has already purchased the grant-funded vehicle, equipment, or engine and has submitted the request for reimbursement forms with the application, the TCEQ will begin processing the reimbursement request immediately following the execution of the contract. Otherwise, the grant recipient may submit a request for reimbursement after the expenses are incurred, which must be within the term of the contract.

d. **Standards and Measures for Performing Party's Performance.** In accordance with Chapter 2261, Texas Government Code, the TCEQ is required to monitor the PERFORMING PARTY's performance under this Agreement. The PERFORMING PARTY agrees that the standards and Contractor Evaluation criteria set forth in this NRG are appropriate standards and measures for the PERFORMING PARTY's performance during the term of the grant agreement

### 1. Standards:

- **Quality and Accuracy.** Standard: PERFORMING PARTY's Grant Activities conform to the requirements of this Agreement.
- **Timeliness.** Standard: PERFORMING PARTY's Grant Activities are completed on schedule.

- **Reports and Administrative and Financial Operations.** Standard: PERFORMING PARTY's administrative and financial operations comply with all obligations in law and in this Agreement, including, but not limited to, record-keeping, reimbursement requests, audits, allowable costs, payments to subcontractors, and restricted expenditures.
  - **Communication.** Standard: PERFORMING PARTY's accessibility, responsiveness, and cooperativeness with respect to any contract-related concerns communicated by the TCEQ; and including the PERFORMING PARTY's demonstrated relationship with subcontractors.
  - **Other.** Standard: Other factors unique to the type of project, as determined by the TCEQ.
2. **Measures.** The TCEQ will monitor the PERFORMING PARTY's performance and evaluate the level of compliance with the standards utilizing the performance measures set forth below:
- **Exceeds Expectations.** PERFORMING PARTY fully complied with all the standards on a consistent basis.
  - **Satisfactory Performance.** PERFORMING PARTY's performance complied with all of the standards, with only typical errors, delays, or other problems that needed to be corrected.
  - **Marginal Performance.** PERFORMING PARTY's performance was acceptable, although a significant number of deficiencies had to be corrected before the contract requirements could be considered met.
  - **Unsatisfactory Performance.** PERFORMING PARTY's performance was not acceptable, even after attempts to correct deficiencies.
- e. **Contractor Evaluation.** The TCEQ will prepare a written evaluation of the performance of the PERFORMING PARTY upon completion of the terms of the Agreement, or more frequently, as deemed necessary by the TCEQ. A copy of the evaluation will be provided to the PERFORMING PARTY and a copy retained in the TCEQ's contract files. The content of the evaluation shall be wholly within the discretion of the TCEQ. The PERFORMING PARTY may provide a written statement which explains or disagrees with the evaluation, which will be incorporated into the evaluation. The PERFORMING PARTY waives any claim for damages against TCEQ for the evaluation. A rating of marginal or unsatisfactory performance may be used as a basis to lower or otherwise change the priority and ranking of a future application.
- f. **Contract Term.** For purposes of funding and fulfillment of the TCEQ's obligations to provide reimbursement under the grant, the contract will terminate on a specified date. However, in signing a contract the grant recipient will need to agree with and obligate to commitments for achieving emissions reductions for the life of the activity, which will extend beyond the termination date of the contract.

## 5.0 CONSIDERATION OF APPLICATION IN FUTURE GRANT ROUNDS

The TCEQ may, at its discretion, retain applications not selected for funding under this notice for consideration under a new notice issued for a future grant round. Applicants will be notified by

the TCEQ if their application is retained for consideration under a future grant round and will be given the option of withdrawing their application from consideration.

**APPENDIX A: INSTRUCTIONS FOR DETERMINING THE MAXIMUM  
REBATE GRANT AMOUNT**

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**APPENDIX A**  
INSTRUCTIONS FOR DETERMINING  
THE MAXIMUM REBATE GRANT AMOUNT

Instructions are provided below for using the tables provided in Appendix C (5 years) and Appendix D (7 years) for on-road vehicle projects and Appendix E and F for non-road equipment projects to determine the maximum rebate grant amount available for a proposed project.

**On-Road Vehicles (Appendix C and D)**

**Step 1. Determine the Gross-Vehicle Weight Rating (GVWR) of the Vehicle**

The GVWR is the total allowable or recommended vehicle weight, including the loaded weight of the vehicle, driver, passengers, and cargo. The rated weight is usually found on a label affixed to the inside of the door or other area of the vehicle and may also be listed on the vehicle title and registration documents.

If the vehicle is normally operated in combination with a trailer, such as an 18-wheel semi-tractor and trailer rig, then use the combined GVWR of both the vehicle and the trailer. However, if a trailer is only attached occasionally, use the GVWR for the vehicle only. Check with TCEQ staff if you are unsure as to what GVWR to use.

**Step 2. Determine the Percentage of Use**

For on-road vehicles, the applicant must designate in the application the percentage of the annual mileage that will occur in the eligible counties listed in the application, which may not be less than 25 percent of the annual mileage. In addition to the percentage of annual miles in the eligible counties committed to by the applicant, the applicant must also commit to operating the vehicle at least 75 percent of the annual miles in a combination of the eligible counties and on one or more of the highways or roadways designated below.

- Interstate Highway 10 from the Texas/New Mexico border to the Texas/Louisiana border
- Interstate Highway 20 from Interstate Highway 10 to the Texas/Louisiana border
- Interstate Highway 30 from Rockwall County to the Texas/Louisiana border
- Interstate Highway 35 from the Texas/Mexico border to the Texas/Oklahoma border
- Interstate Highway 37 from the Gulf of Mexico to Bexar County
- Interstate Highway 45 from the Montgomery County to Ellis County
- U.S. Highway 59 from the Texas/Mexico border to the Texas/Arkansas border
- U.S. Highway 79 from the Williamson County to the Texas/Louisiana border
- U.S. Highway 281 from the Texas/Mexico border to the Texas/Oklahoma border
- U.S. Highway 77 from the Texas/Mexico border to Ellis County

- U.S. Highway 290 from the Interstate Highway 10 to Waller County

### **Step 3. Select either a 5-year or 7-year activity life**

The grant recipient must agree to monitor the use of grant-funded vehicle or equipment for the designated Activity Life. For this program, an applicant must choose in the application form an Activity Life of either 5 or 7 years. The maximum rebate grant amount table corresponding to the Activity Life chosen must be used to determine the grant amount. The Activity Life is the period of time (in years) used to calculate the amount of NO<sub>x</sub> emissions reductions that will be achieved through the use of the grant-funded vehicle or equipment.

### **Step 4. Find the Rebate Grant Table for the GVWR, Activity Life, and Percentage of Use in the Eligible Counties**

The tables in Appendix C correspond to an Activity Life of 5 years, while Appendix D includes the tables corresponding to a 7-year Activity Life. In addition, the tables are provided under each weight category based on the percentage of use commitment. Tables are provided showing the maximum funding amounts for use in the eligible counties of 25-49 percent, 50 to 74 percent, and 75 to 100 percent of the annual miles for that vehicle. The applicant must use the table applicable to the weight category of the vehicle, the percentage of use commitment, and activity life chosen. Note that you may not replace a vehicle from one weight category with a vehicle from another weight category.

### **Step 5. Determine the Model Year of the Vehicle and Engine Being Purchased**

You must know the model year of your current vehicle and engine. If the original engine was replaced with a later model year engine, use the model year of the engine and not the year of the vehicle itself.

On-road heavy duty diesel engines are certified by the U.S. Environmental Protection Agency (EPA) to meet federal nitrogen oxides (NO<sub>x</sub>) emission standards established by year. The standards are usually expressed in grams per brake horsepower hour (g/bhp-hr) of NO<sub>x</sub>. Normally, an engine will be certified to meet the emission standard applicable to the year in which the engine was manufactured. However, there are exceptions to this approach as listed below.

- a. Some manufacturers were required under a consent decree with the EPA to begin manufacturing on-road heavy-duty diesel engines meeting 2004 emission standards early, beginning in 2002 or 2003. For the rebate grants program, it will be assumed that 2002 or 2003 model year vehicles and engines purchased to replace an older vehicle or engine meet the 2002 or 2003 EPA standards.

- b. Beginning in 2007, manufacturers of on-road heavy duty diesel engines were required to begin a phase-in period for compliance with a new federal NO<sub>x</sub> emission standard of 0.2 g/bhp-hr. From 2007 through 2009, manufacturers must have averaged 1.2 g/bhp-hr across the range of engines sold. The standard for engines manufactured in 2010 is 0.2 g/bhp-hr, although not all 2010 engines will meet this standard. The rebate grant application requires that you provide an engine family code and/or the certified emission rate of the engine. If you intend on purchasing a 2010 vehicle/engine and the engine family code is not yet available, you may list the applicable 2009 Engine Family Code and certified emission rate from that same manufacturer for the same size and type of engine. The engine you ultimately purchase **must** have a certified emission rate within or below that same range.
- c. The maximum rebate grant tables list options for 2007 and beyond on-road engine certifications. If you are unable to determine that the engine is certified to a lower emission rate, the rebate grant amount corresponding to an emissions rate of 2.375 g/bhp-hr may be used. If you have confirmed that the engine is certified to a lower NO<sub>x</sub> emission rate, use the rebate grant amount corresponding to the range of emission rates corresponding to the certified emissions rate of that engine.

## **Step 6. Determine the Maximum Rebate Grant Amount**

Once you have selected the table from either Appendix C or D applicable to the weight category of your vehicle, the percentage of use in the eligible counties, and the activity life, find the column that applies to the year of the vehicle and/or engine being replaced. Go down that column to the line corresponding to the year and emissions rate of the vehicle and/or engine being purchased.

Note the maximum rebate grant amount listed for that combination of old and replacement vehicle and/or engine.

## **Non-Road Equipment (Appendix E and F)**

### **Step 1. Select either a 5-year or 7-year activity life.**

The grant recipient must agree to monitor the use of grant-funded vehicle or equipment for the designated activity life. For this program, an applicant must choose in the application form an activity life of either 5 or 7 years. The maximum rebate grant amount table corresponding to the activity life chosen must be used to determine the grant amount. The activity life is the period of time (in years) used to calculate the amount of NO<sub>x</sub> emissions reductions that will be achieved through the use of the grant-funded vehicle or equipment.

## Step 2. Find the Rebate Grant Table for the Equipment Type and Activity Life

The tables in Appendix D correspond to an Activity Life of 5 years, while Appendix E includes the tables corresponding to a 7-year Activity Life. A different table is provided for each type of equipment eligible for funding under this program. Find the table corresponding to the selected Activity Life and your equipment type. Note that you may not replace one type of equipment with another type. The types of equipment eligible for a rebate grant are listed below

SCC Code	Description
2270002036	excavators
2270002045	cranes
2270002048	graders
2270002051	off-highway trucks
2270002054	crushing/proc. equipment
2270002057	rough terrain forklifts
2270002060	rubber tire loaders
2270002063	rubber tire dozers
2270002066	tractors/loaders/backhoes
2270002069	crawler tractors
2270002072	skid steer loaders
2270002075	off-highway tractors
2270003020	forklifts
2270003070	terminal tractors
2270005015	agricultural tractors
2270005020	combines

## Step 3. Determine the Horsepower of the Equipment

You must know the horsepower of your current equipment engine and the horsepower of the replacement equipment engine. The horsepower should be the manufacturer's rated horsepower of that engine in that type of equipment.

#### **Step 4. Determine the Model Year of the Equipment and Engine**

You must know the model year of your current engine. If the original engine was replaced with a later model year engine, use the model year of the engine and not the year of the equipment itself.

#### **Step 5. Determine the Certified Emissions Rate and Model Year of the Equipment and Engine Being Purchased**

Non-road heavy duty diesel engines are certified by the U.S. Environmental Protection Agency (EPA) to meet federal nitrogen oxides (NO<sub>x</sub>) emission standards established by year. The standards are usually expressed in grams per brake horsepower hour (g/bhp-hr). Normally, an engine will be certified to the emission standard applicable to the year in which the engine was manufactured. However, there are exceptions to this approach.

Some manufacturers (and in particular, Caterpillar, Inc.) may have non-road engines manufactured specifically for repowers that only meet a Tier 1 emission standard, even though the Tier 2 or 3 standard would normally apply for engines manufactured in that year. These engines may be used only to repower older equipment and not for installation in a new piece of equipment. Be sure to check with the engine supplier for all repower projects and particularly repower projects involving engines manufactured by Caterpillar, Inc. If the engine identified for purchase is certified to only a Tier 1 standard, even though the new engine emission standard for the year of manufacture is Tier 2 or above, use the Tier 1 emission level to determine the rebate grant amount. See Appendix B for a list of emission standards and tier levels by year.

Beginning in 2011, manufacturers of non-road heavy duty diesel engines were required to begin a phase-in period for compliance with a new federal NO<sub>x</sub> emissions standards. The manufacturer's engine production must meet these standards during each year of the phase-in. Therefore, it is not guaranteed that a Tier 4 (Phase-In) equipment and/or engine meet the lower standard. If an applicant proposes to purchase a Tier 4 (Phase-In) equipment and/or engine, the applicant must certify, in the application, the emission level that the new equipment and/or engine will meet. Copies of the form certifying the engine family to the lower emission standard must be provided. If it is not yet known what the emission standard to which the engine will be certified, then use the Tier 3 standard.

#### **Step 6. Determine the Maximum Rebate Grant Amount**

Once you have selected the table for your type of equipment, find the columns applicable to the horsepower range and model year of the current engine. Find the line corresponding to the model year and certified emissions rate of the replacement engine. Find the maximum rebate grant amount listed for that combination of old and replacement equipment and/or engine.

Note that you may replace a piece of equipment and/or engine from one horsepower category with one from a lower horsepower category, but you may not replace a piece of equipment and/or engine from one horsepower category with one from a higher horsepower category. Use the rebate grant amount for the higher horsepower category in your rebate grant application.

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## **APPENDIX B: NO<sub>x</sub> EMISSION STANDARDS**

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**APPENDIX B**  
**NO<sub>x</sub> EMISSION STANDARDS**

**On-Road Vehicles**

On-Road Heavy-Duty CI Engines NO<sub>x</sub> Emission Standards by Model Year

Emissions Model Year	Diesel Engines Emissions Standard	
	NO <sub>x</sub> Only (g/bhp-hr)	NO <sub>x</sub> +NMHC (g/bhp-hr)
1989 and earlier	10.7	
1990	6.0	
1991-1997 5.0		
1998-2001	4.0	
2002	4.0	
2003	4.0	
2004 -2006	2.375	2.5
2007 - 2009	2.375 – 0.2	
2010+ 0.2		

\*Some manufacturers were producing 2003 engines that met the more stringent 2.375 g/bhp-hr standard.

## Non-Road Equipment

Non-Road Diesel (CI) Engines NO<sub>x</sub> Emission Standards by Model Year

Engine Power (HP)	Tier	Model Year	Emissions (NO <sub>x</sub> ) g/bhp-hr	Emissions (NO <sub>x</sub> + NMHC) g/bhp-hr
25 ≤ hp < 50  <i>19 ≤ kW &lt; 37</i>	Tier 0 (uncontrolled)	pre-1999	7.2	N/A
	Tier 1	1999-2003	6.745	7.1
	Tier 2	2004-2012	5.32	5.6
	Tier 4	2013+	3.325	3.5

Engine Power (HP)	Tier	Model Year	Emissions (NO <sub>x</sub> ) g/bhp-hr	Emissions (NO <sub>x</sub> + NMHC) g/bhp-hr
50 ≤ hp < 100  <i>37 ≤ kW &lt; 75</i>	Tier 0 (uncontrolled)	pre-1998	8.8	N/A
	Tier 1	1998-2003	6.9	N/A
	Tier 2	2004-2007	5.32	5.6
	Tier 3	2008-2012	3.325	3.5

Engine Power (HP)	Tier	Model Year	Emissions (NO <sub>x</sub> ) g/bhp-hr	Emissions (NO <sub>x</sub> + NMHC) g/bhp-hr
100 ≤ hp < 175  <i>75 ≤ kW &lt; 130</i>	Tier 0 (uncontrolled)	pre - 1997	9.5	N/A
	Tier 1	1997-2002	6.9	N/A
	Tier 2	2003-2006	4.655	4.9
	Tier 3	2007-2011	2.85	3.0
	Tier 4 (Phase-In)	2012-2013	0.30-2.85 <sup>1</sup>	N/A
	Tier 4	2014+	0.30	N/A

## Non-Road Equipment

Non-Road Diesel (CI) Engines NO<sub>x</sub> Emission Standards by Model Year

Engine Power (HP)	Tier	Model Year	Emissions (NO <sub>x</sub> ) g/bhp-hr	Emissions (NO <sub>x</sub> + NMHC) g/bhp-hr
175 ≤ hp < 300  <i>130 ≤ kW &lt; 225</i>	Tier 0 (uncontrolled)	pre-1996	9.3	N/A
	Tier 1	1996-2002	6.9	N/A
	Tier 2	2003-2005	4.655	4.9
	Tier 3	2006-2010	2.85	3.0
	Tier 4 (Phase-In)	2011-2013	0.30-2.85 <sup>1</sup>	N/A
	Tier 4	2014+	0.30	N/A

Engine Power (HP)	Tier	Model Year	Emissions (NO <sub>x</sub> ) g/bhp-hr	Emissions (NO <sub>x</sub> + NMHC) g/bhp-hr
300 ≤ hp < 600  <i>225 ≤ kW &lt; 450</i>	Tier 0 (uncontrolled)	pre-1996	9.5	N/A
	Tier 1	1996-2000	6.9	N/A
	Tier 2	2001-2005	4.56	4.8
	Tier 3	2006-2010	2.85	3.0
	Tier 4 (Phase-In)	2011-2013	0.30-2.85 <sup>1</sup>	N/A
	Tier 4	2014+	0.30	N/A

## Non-Road Equipment

Non-Road Diesel (CI) Engines NO<sub>x</sub> Emission Standards by Model Year

Engine Power (HP)	Tier	Model Year	Emissions (NO <sub>x</sub> ) g/bhp-hr	Emissions (NO <sub>x</sub> + NMHC) g/bhp-hr
600 ≤ hp < 750	Tier 0 (uncontrolled)	pre-1996	9.7	N/A
	Tier 1	1996-2001	6.9	N/A
	Tier 2	2002-2005	4.56	4.8
	Tier 3	2006-2010	2.85	3.0
	Tier 4 (Phase-In)	2011-2013	0.30-2.85 <sup>1</sup>	N/A
450 ≤ kW < 560	Tier 4	2014+	0.30	N/A

Engine Power (HP)	Tier	Model Year	Emissions (NO <sub>x</sub> ) g/bhp-hr	Emissions (NO <sub>x</sub> + NMHC) g/bhp-hr
hp ≥ 750	Tier 0 (uncontrolled)	pre-2000	9.1	N/A
	Tier 1	2000-2005	6.9	N/A
	Tier 2	2006-2010	4.56	4.8
	Tier 4 (Phase-In)	2011-2014	2.6/0.50 <sup>2</sup>	N/A
kW ≥ 560	Tier 4	2015+	2.6/0.50 <sup>3</sup>	N/A

**APPENDIX C: 5-YEAR ACTIVITY LIFE ON-ROAD HEAVY-DUTY DIESEL  
VEHICLES ELIGIBLE WEIGHT CATEGORIES, MODEL YEARS, AND  
MAXIMUM REBATE GRANT AMOUNTS**

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## Set A-5: 75-100% Usage In Eligible Counties 8,501-10,000 GVWR

### Maximum Rebate Grant Amounts Based on 5-year Activity Life On-Road Heavy-Duty Diesel Vehicle

*(Beginning with model year 2004, vehicles between 8,500 and 10,000lb GVWR that are used primarily for passenger use were reclassified to Medium Duty Passenger Vehicles (MDPV) vehicles. These are primarily vans and SUVs and are not eligible for the rebate program.)*

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV2b		GVWR (lbs): 8,501 - 10,000						
		Baseline (old) Engine Emissions Model Year								
		Years	pre 1982	1982 - 1987	1988 - 1989	1990	1991 - 1992	1993 - 1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NO <sub>x</sub> Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$2,149	\$2,016	\$3,213					
	5.0 (Repowers Only)	1991-1992	\$2,832	\$2,699	\$3,896					
	5.0 (Repowers Only)	1993-1997	\$2,863	\$2,731	\$3,927					
	4.0 (Repowers Only)	1998-2003	\$3,541	\$3,408	\$4,605	\$1,392				
	2.375 (Repowers Only)	2004-2006	\$4,642	\$4,509	\$5,705	\$2,493	\$1,809	\$1,778	\$1,101	
	2.375 (Default)	2007+	\$4,642	\$4,509	\$5,705	\$2,493	\$1,809	\$1,778	\$1,101	
	2.374-1.3	2007-2010+	\$5,011	\$4,878	\$6,075	\$2,862	\$2,178	\$2,147	\$1,470	
	1.299-0.201	2007-2010+	\$5,742	\$5,609	\$6,806	\$3,593	\$2,910	\$2,879	\$2,201	\$1,101
	0.2 or Less	2007-2010+	\$6,115	\$5,982	\$7,179	\$3,966	\$3,282	\$3,251	\$2,574	\$1,473

\*If engine certification is not known, then use the default value 2.375 g/bhp-hr.

## Set A-5: 75-100% Usage In Eligible Counties 10,001-14,000 GVWR

### Maximum Rebate Grant Amounts

### Based on 5-year Activity Life

### On-Road Heavy-Duty Diesel Vehicle

Please read the instructions provided on a separate sheet before using this table.

Vehicle Class: HDDV3		GVWR (lbs): 10,001 - 14,000						
		Baseline (old) Engine Emissions Model Year						
		Years	pre 1988	1988-1989	1990	1991-1997	1998 - 2003	2004-2006
<b>Replacement (new) Engine Certified NO<sub>x</sub> Emissions (g/bhp-hr)</b>	<b>6.0</b> <small>(Repowers Only)</small>	1990	\$7,485	\$3,881				
	<b>5.0</b> <small>(Repowers Only)</small>	1991-1997	\$8,311	\$4,706				
	<b>4.0</b> <small>(Repowers Only)</small>	1998-2003	\$9,137	\$5,532	\$1,651			
	<b>2.375</b> <small>(Repowers Only)</small>	2004-2006	\$10,479	\$6,874	\$2,993	\$2,167	\$1,342	
	<b>2.375</b> <small>(Default)</small>	2007+	\$10,479	\$6,874	\$2,993	\$2,167	\$1,342	
	2.374-1.3	2007-2010+	\$10,929	\$7,324	\$3,443	\$2,617	\$1,792	
	1.299-0.201	2007-2010+	\$11,820	\$8,216	\$4,335	\$3,509	\$2,683	\$1,342
	0.2 or Less	2007-2010+	\$12,274	\$8,670	\$4,789	\$3,963	\$3,138	\$1,796

\*If engine certification is not known, then use the default value 2.375 g/bhp-hr.

**Set A-5: 75-100% Usage In Eligible Counties  
14,001-16,000 GVWR**

**Maximum Rebate Grant Amounts  
Based on 5-year Activity Life**

**On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV4		GVWR (lbs): 14,001 - 16,000							
		Baseline (old) Engine Emissions Model Year									
		Years	pre 1988	1988	1989	1990	1991-1992	1993-1994	1995-1997	1998-2003	2004-2006
<b>Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)</b>	<b>6.0</b> (Repowers Only)	<b>Replacement (new) Engine Emissions Model Year</b>	1990	\$8,313	\$5,975	\$5,885					
	<b>5.0</b> (Repowers Only)		1991-1992	\$9,608	\$7,270	\$7,180					
	<b>5.0</b> (Repowers Only)		1993-1994	\$9,650	\$7,312	\$7,222					
	<b>5.0</b> (Repowers Only)		1995-1997	\$9,692	\$7,354	\$7,264					
	<b>4.0</b> (Repowers Only)		1998-2003	\$10,919	\$8,581	\$8,491	\$2,605				
	<b>2.375</b> (Repowers Only)		2004-2006	\$12,912	\$10,574	\$10,484	\$4,599	\$3,305	\$3,263	\$3,221	\$1,994
	<b>2.375</b> (Default)		2007+	\$12,912	\$10,574	\$10,484	\$4,599	\$3,305	\$3,263	\$3,221	\$1,994
	<b>2.374-1.3</b>		2007-2010+	\$13,581	\$11,243	\$11,153	\$5,268	\$3,974	\$3,932	\$3,890	\$2,663
	<b>1.299-0.201</b>		2007-2010+	\$14,906	\$12,568	\$12,478	\$6,593	\$5,299	\$5,257	\$5,215	\$3,988
<b>0.2 or Less</b>	2007-2010+	\$15,581	\$13,243	\$13,153	\$7,268	\$5,974	\$5,932	\$5,890	\$4,663	\$2,669	

\*If engine certification is not known, then use the default value 2.375 g/bhp-hr.

**Set A-5: 75-100% Usage In Eligible Counties  
16,001-19,500 GVWR**

**Maximum Rebate Grant Amounts**

**Based on 5-year Activity Life**

**On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV5		GVWR (lbs): 16,001 - 19,500										
		Baseline (old) Engine Emissions Model Year												
		Years	pre 1988	1988	1989	1990	1991	1992	1993	1994	1995	1996 - 1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$7,793	\$7,047	\$6,860									
	5.0 (Repowers Only)	1991	\$9,277	\$8,530	\$8,343									
	5.0 (Repowers Only)	1992	\$9,364	\$8,617	\$8,430									
	5.0 (Repowers Only)	1993	\$9,408	\$8,661	\$8,474									
	5.0 (Repowers Only)	1994	\$9,451	\$8,704	\$8,518									
	5.0 (Repowers Only)	1995	\$9,495	\$8,748	\$8,561									
	5.0 (Repowers Only)	1996-1997	\$9,582	\$8,835	\$8,648									
	4.0 (Repowers Only)	1998-2003	\$10,952	\$10,205	\$10,018	\$3,159								
	2.375 (Repowers Only)	2004-2006	\$13,178	\$12,431	\$12,244	\$5,385	\$3,901	\$3,814	\$3,770	\$3,727	\$3,683	\$3,596	\$2,226	
	2.375 (Default)	2007+	\$13,178	\$12,431	\$12,244	\$5,385	\$3,901	\$3,814	\$3,770	\$3,727	\$3,683	\$3,596	\$2,226	
	2.374-1.3	2007-2010+	\$13,925	\$13,178	\$12,991	\$6,131	\$4,648	\$4,561	\$4,517	\$4,473	\$4,430	\$4,342	\$2,973	
	1.299-0.201	2007-2010+	\$15,404	\$14,657	\$14,470	\$7,611	\$6,127	\$6,040	\$5,996	\$5,953	\$5,909	\$5,822	\$4,452	\$2,226
	0.2 or Less	2007-2010+	\$16,157	\$15,411	\$15,224	\$8,364	\$6,881	\$6,793	\$6,750	\$6,706	\$6,663	\$6,575	\$5,205	\$2,979

\*If engine certification is not known, then use the default value 2.375 g/bhp-hr.

**Set A-5: 75-100% Usage In Eligible Counties  
19,501-26,000 GVWR**

**Maximum Rebate Grant Amounts  
Based on 5-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

Vehicle Class: HDDV6      GVWR (lbs): 19,501 - 26,000																	
		Years	Baseline (old) Engine Emissions Model Year														
			pre 1981	1981	1982	1983	1984	1985	1986 - 1987	1988	1989	1990	1991 - 1993	1994 - 1995	1996 - 1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$8,998	\$8,339	\$7,774	\$7,585	\$7,397	\$7,303	\$7,209	\$8,245	\$8,151						
	5.0 (Repowers Only)	1991-1993	\$10,776	\$10,117	\$9,552	\$9,364	\$9,175	\$9,081	\$8,987	\$10,023	\$9,929						
	5.0 (Repowers Only)	1994-1995	\$10,820	\$10,161	\$9,596	\$9,408	\$9,219	\$9,125	\$9,031	\$10,067	\$9,973						
	5.0 (Repowers Only)	1996-1997	\$10,864	\$10,205	\$9,640	\$9,452	\$9,263	\$9,169	\$9,075	\$10,111	\$10,017						
	4.0 (Repowers Only)	1998-2003	\$12,572	\$11,913	\$11,348	\$11,159	\$10,971	\$10,877	\$10,783	\$11,819	\$11,724	\$3,574					
	2.375 (Repowers Only)	2004-2006	\$15,347	\$14,688	\$14,123	\$13,934	\$13,746	\$13,652	\$13,558	\$14,594	\$14,500	\$6,349	\$4,571	\$4,527	\$4,483	\$2,775	
	2.375 (Default)	2007+	\$15,347	\$14,688	\$14,123	\$13,934	\$13,746	\$13,652	\$13,558	\$14,594	\$14,500	\$6,349	\$4,571	\$4,527	\$4,483	\$2,775	
	2.374-1.3	2007-2010+	\$16,278	\$15,619	\$15,054	\$14,865	\$14,677	\$14,583	\$14,488	\$15,524	\$15,430	\$7,280	\$5,502	\$5,458	\$5,414	\$3,706	
	1.299-0.201	2007-2010+	\$18,122	\$17,463	\$16,898	\$16,710	\$16,521	\$16,427	\$16,333	\$17,369	\$17,275	\$9,124	\$7,346	\$7,302	\$7,258	\$5,550	\$2,775
	0.2 or Less	2007-2010+	\$19,062	\$18,402	\$17,837	\$17,649	\$17,460	\$17,366	\$17,272	\$18,308	\$18,214	\$10,063	\$8,285	\$8,241	\$8,197	\$6,489	\$3,714

\*If engine certification is not known, then use the default value 2.375 g/bhp-hr.

**Set A-5: 75-100% Usage In Eligible Counties  
26,001-33,000 GVWR**

**Maximum Rebate Grant Amounts**

**Based on 5-year Activity Life**

**On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV7      GVWR (lbs): 26,001 - 33,000													
		Baseline (old) Engine Emissions Model Year													
		Years	pre 1981	1981	1982	1983	1984	1985	1986 - 1987	1988 - 1989	1990	1991 - 1993	1994 - 1997	1998 - 2003	2004-2006
<b>Replacement (new) Engine Certified Knox Emissions (g/bop-hr)</b>	6.0 (Repowers Only)	1990	\$8,283	\$8,100	\$7,733	\$7,642	\$7,458	\$7,275	\$7,184	\$9,565					
	5.0 (Repowers Only)	1991-1993	\$10,338	\$10,154	\$9,788	\$9,696	\$9,513	\$9,330	\$9,238	\$11,620					
	5.0 (Repowers Only)	1994-1997	\$10,295	\$10,112	\$9,745	\$9,654	\$9,470	\$9,287	\$9,196	\$11,577					
	4.0 (Repowers Only)	1998-2003	\$12,358	\$12,175	\$11,808	\$11,717	\$11,534	\$11,350	\$11,259	\$13,640	\$4,075				
	2.375 (Repowers Only)	2004-2006	\$15,711	\$15,528	\$15,161	\$15,070	\$14,886	\$14,703	\$14,612	\$16,993	\$7,428	\$5,373	\$5,416	\$3,353	
	2.375 (Default)	2007+	\$15,711	\$15,528	\$15,161	\$15,070	\$14,886	\$14,703	\$14,612	\$16,993	\$7,428	\$5,373	\$5,416	\$3,353	
	2.374 - 1.3	2007-2010+	\$16,835	\$16,652	\$16,286	\$16,194	\$16,011	\$15,828	\$15,736	\$18,118	\$8,552	\$6,498	\$6,540	\$4,477	
	1.299-0.201	2007-2010+	\$19,064	\$18,880	\$18,514	\$18,422	\$18,239	\$18,056	\$17,964	\$20,346	\$10,781	\$8,726	\$8,769	\$6,706	\$3,353
	0.2 or Less	2007-2010+	\$20,198	\$20,015	\$19,649	\$19,557	\$19,374	\$19,191	\$19,099	\$21,481	\$11,915	\$9,861	\$9,904	\$7,840	\$4,488

\*If engine certification is not known, then use the default value 2.375 g/bop-hr.

**Set A-5: 75-100% Usage In Eligible Counties  
33,001-60,000 GVWR**

**Maximum Rebate Grant Amounts  
Based on 5-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle  
Please read the instructions provided on a separate sheet before using this table**

		Vehicle Class: HDDV8a      GVWR (lbs): 33,001 - 60,000																		
		Baseline (old) Engine Emissions Model Year																		
		Years	pre 1981	1981	1982	1983	1984	1985	1986 - 1987	1988	1989	1990	1991	1992	1993	1994	1995	1996 - 1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$25,203	\$26,082	\$25,731	\$25,203	\$24,852	\$24,324	\$23,973	\$23,270	\$22,742									
	5.0 (Repowers Only)	1991	\$30,214	\$31,093	\$30,741	\$30,214	\$29,862	\$29,335	\$28,983	\$28,280	\$27,753									
	5.0 (Repowers Only)	1992	\$30,378	\$31,257	\$30,905	\$30,378	\$30,026	\$29,499	\$29,148	\$28,444	\$27,917									
	5.0 (Repowers Only)	1993	\$30,542	\$31,421	\$31,070	\$30,542	\$30,191	\$29,663	\$29,312	\$28,609	\$28,081									
	5.0 (Repowers Only)	1994	\$30,707	\$31,585	\$31,234	\$30,707	\$30,355	\$29,828	\$29,476	\$28,773	\$28,246									
	5.0 (Repowers Only)	1995	\$30,953	\$31,832	\$31,480	\$30,953	\$30,601	\$30,074	\$29,723	\$29,019	\$28,492									
	5.0 (Repowers Only)	1996-1997	\$31,117	\$31,996	\$31,645	\$31,117	\$30,766	\$30,238	\$29,887	\$29,184	\$28,656									
	4.0 (Repowers Only)	1998-2003	\$35,651	\$36,530	\$36,179	\$35,651	\$35,300	\$34,772	\$34,421	\$33,718	\$33,190	\$10,448								
	2.375 (Repowers Only)	2004-2006	\$43,019	\$43,898	\$43,546	\$43,019	\$42,668	\$42,140	\$41,789	\$41,086	\$40,558	\$17,816	\$12,805	\$12,641	\$12,477	\$12,313	\$12,066	\$11,902	\$7,368	
	2.375 (Default)	2007+	\$43,019	\$43,898	\$43,546	\$43,019	\$42,668	\$42,140	\$41,789	\$41,086	\$40,558	\$17,816	\$12,805	\$12,641	\$12,477	\$12,313	\$12,066	\$11,902	\$7,368	
2.374-1.3	2007-2010+	\$45,490	\$46,369	\$46,017	\$45,490	\$45,139	\$44,611	\$44,260	\$43,557	\$43,029	\$20,287	\$15,276	\$15,112	\$14,948	\$14,784	\$14,537	\$14,373	\$9,839		
1.299-0.201	2007-2010+	\$50,387	\$51,266	\$50,914	\$50,387	\$50,035	\$49,508	\$49,156	\$48,453	\$47,926	\$25,184	\$20,173	\$20,009	\$19,845	\$19,680	\$19,434	\$19,270	\$14,736	\$7,368	
0.2 or Less	2007-2010+	\$52,881	\$53,760	\$53,408	\$52,881	\$52,529	\$52,002	\$51,650	\$50,947	\$50,420	\$27,677	\$22,667	\$22,503	\$22,338	\$22,174	\$21,928	\$21,763	\$17,229	\$9,862	

\*If engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set A-5: 75-100% Usage In Eligible Counties  
Greater than 60,000 GVWR**

**Maximum Rebate Grant Amounts  
Based on 5-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV8b      GVWR (lbs): Greater than 60,000																
		Baseline (old) Engine Emissions Model Year																
		Years	pre 1981	1981	1982 - 1983	1984 -1985	1986 - 1987	1988	1989	1990	1991	1992	1993	1994	1995	1996 - 1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$41,991	\$40,077	\$37,069	\$36,795	\$36,522	\$40,077	\$39,257									
	5.0 (Repowers Only)	1991	\$50,552	\$48,638	\$45,630	\$45,357	\$45,083	\$48,638	\$47,818									
	5.0 (Repowers Only)	1992	\$50,936	\$49,021	\$46,013	\$45,740	\$45,467	\$49,021	\$48,201									
	5.0 (Repowers Only)	1993	\$51,319	\$49,405	\$46,397	\$46,123	\$45,850	\$49,405	\$48,584									
	5.0 (Repowers Only)	1994	\$51,574	\$49,660	\$46,652	\$46,379	\$46,105	\$49,660	\$48,840									
	5.0 (Repowers Only)	1995	\$51,958	\$50,044	\$47,036	\$46,762	\$46,489	\$50,044	\$49,223									
	5.0 (Repowers Only)	1996-1997	\$52,341	\$50,427	\$47,419	\$47,146	\$46,872	\$50,427	\$49,607									
	4.0 (Repowers Only)	1998-2003	\$60,085	\$58,170	\$55,163	\$54,889	\$54,616	\$58,170	\$57,350	\$18,094								
	2.375 (Repowers Only)	2004-2006	\$72,668	\$70,754	\$67,746	\$67,472	\$67,199	\$70,754	\$69,933	\$30,677	\$22,115	\$21,732	\$21,349	\$21,093	\$20,710	\$20,327	\$12,583	
	2.375 (Default)	2007+	\$72,668	\$70,754	\$67,746	\$67,472	\$67,199	\$70,754	\$69,933	\$30,677	\$22,115	\$21,732	\$21,349	\$21,093	\$20,710	\$20,327	\$12,583	
	2.374-1.3	2007-2010+	\$76,888	\$74,974	\$71,966	\$71,692	\$71,419	\$74,974	\$74,153	\$34,897	\$26,336	\$25,952	\$25,569	\$25,313	\$24,930	\$24,547	\$16,803	
	1.299-0.201	2007-2010+	\$85,251	\$83,337	\$80,329	\$80,055	\$79,782	\$83,337	\$82,516	\$43,260	\$34,699	\$34,315	\$33,932	\$33,676	\$33,293	\$32,910	\$25,166	\$12,583
0.2 or Less	2007-2010+	\$89,510	\$87,596	\$84,588	\$84,314	\$84,041	\$87,596	\$86,775	\$47,519	\$38,957	\$38,574	\$38,191	\$37,935	\$37,552	\$37,169	\$29,425	\$16,842	

\*If engine certification is not known, then use the default value 2.375 g/bhp-hr.

**Set A-5: 75-100% Usage In Eligible Counties  
Transit or Urban Bus**

**Maximum Rebate Grant Amounts**

**Based on 5-year Activity Life**

**On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDBBT		TRANSIT or URBAN BUS									
		Baseline (old) Engine Emissions Model Year											
		Years	pre 1981	1981	1982 - 1987	1988 - 1989	1990	1991 - 1992	1993 - 1995	1996 - 1997	1998 - 2003	2004-2006	
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	Replacement (new) Engine Emissions Model Year	1990	\$10,813	\$12,447	\$13,428	\$28,795						
	5.0 (Repowers Only)		1991-1992	\$16,939	\$18,574	\$19,555	\$34,922						
	5.0 (Repowers Only)		1993-1995	\$16,863	\$18,498	\$19,479	\$34,846						
	5.0 (Repowers Only)		1996-1997	\$16,787	\$18,421	\$19,402	\$34,769						
	4.0 (Repowers Only)		1998-2003	\$22,944	\$24,579	\$25,559	\$40,927	\$12,131					
	2.375 (Repowers Only)		2004-2006	\$32,949	\$34,584	\$35,565	\$50,932	\$22,137	\$16,010	\$16,086	\$16,163	\$10,006	
	2.375 (Default)		2007+	\$32,949	\$34,584	\$35,565	\$50,932	\$22,137	\$16,010	\$16,086	\$16,163	\$10,006	
	2.374-1.3		2007-2010+	\$36,305	\$37,940	\$38,921	\$54,288	\$25,492	\$19,366	\$19,442	\$19,518	\$13,361	
	1.299-0.201		2007-2010+	\$42,955	\$44,590	\$45,571	\$60,938	\$32,142	\$26,016	\$26,092	\$26,168	\$20,011	\$10,006
	0.2 or Less		2007-2010+	\$46,341	\$47,976	\$48,957	\$64,324	\$35,529	\$29,402	\$29,478	\$29,555	\$23,398	\$13,392

\*If engine certification is not known, then use the default value 2.375 g/bhp-hr.

**Set A-5: 75-100% Usage In Eligible Counties  
School Bus**

**Maximum Rebate Grant Amounts**

**Based on 5-year Activity Life**

**On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDBS SCHOOL BUS														
		Baseline (old) Engine Emissions Model Year														
		Years	pre 1981	1981	1982 - 1987	1988	1989	1990	1991	1992	1993	1994	1995	1996 - 1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$401	\$448	\$494	\$5,391	\$5,485									
	5.0 (Repowers Only)	1991	\$1,556	\$1,603	\$1,649	\$6,546	\$6,640									
	5.0 (Repowers Only)	1992	\$1,425	\$1,472	\$1,519	\$6,416	\$6,509									
	5.0 (Repowers Only)	1993	\$1,316	\$1,363	\$1,410	\$6,307	\$6,400									
	5.0 (Repowers Only)	1994	\$1,186	\$1,232	\$1,279	\$6,176	\$6,269									
	5.0 (Repowers Only)	1995	\$1,077	\$1,123	\$1,170	\$6,067	\$6,160									
	5.0 (Repowers Only)	1996-1997	\$946	\$992	\$1,039	\$5,936	\$6,029									
	4.0 (Repowers Only)	1998-2003	\$2,249	\$2,296	\$2,342	\$7,239	\$7,333	\$1,848								
	2.375 (Repowers Only)	2004-2006	\$4,367	\$4,414	\$4,460	\$9,357	\$9,450	\$3,966	\$2,811	\$2,942	\$3,051	\$3,181	\$3,290	\$3,421	\$2,118	
	2.375 (Default)	2007+	\$4,367	\$4,414	\$4,460	\$9,357	\$9,450	\$3,966	\$2,811	\$2,942	\$3,051	\$3,181	\$3,290	\$3,421	\$2,118	
2.374-1.3	2007-2010+	\$5,077	\$5,124	\$5,170	\$10,067	\$10,161	\$4,676	\$3,521	\$3,652	\$3,761	\$3,892	\$4,001	\$4,131	\$2,828		
1.299-0.201	2007-2010+	\$6,485	\$6,531	\$6,578	\$11,475	\$11,568	\$6,084	\$4,929	\$5,059	\$5,168	\$5,299	\$5,408	\$5,539	\$4,236	\$2,118	
0.2 or Less	2007-2010+	\$7,201	\$7,248	\$7,295	\$12,192	\$12,285	\$6,800	\$5,645	\$5,776	\$5,885	\$6,016	\$6,125	\$6,256	\$4,952	\$2,835	

\*If engine certification is not known, then use the default value 2.375 g/bhp-hr.

**Set B-5: 50-74% Usage In Eligible Counties  
8,501 - 10,000 GVWR**

**Maximum Rebate Grant Amounts  
Based on 5-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV2b		GVWR (lbs): 8,501 - 10,000							
		Baseline (old) Engine Emissions Model Year									
		Years	pre 1982	1982 - 1987	1988 - 1989	1990	1991 - 1992	1993 - 1997	1998 - 2003	2004-2006	
<b>Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)</b>	6.0 (Repowers Only)	<b>Replacement (new) Engine Emissions Model Year</b>	1990	\$1,433	\$1,344	\$2,142					
	5.0 (Repowers Only)		1991-1992	\$1,888	\$1,800	\$2,598					
	5.0 (Repowers Only)		1993-1997	\$1,909	\$1,820	\$2,618					
	4.0 (Repowers Only)		1998-2003	\$2,361	\$2,272	\$3,070	\$928				
	2.375 (Repowers Only)		2004-2006	\$3,094	\$3,006	\$3,804	\$1,662	\$1,206	\$1,185	\$734	
	2.375 (Default)		2007+	\$3,094	\$3,006	\$3,804	\$1,662	\$1,206	\$1,185	\$734	
	2.374-1.3		2007-2010+	\$3,340	\$3,252	\$4,050	\$1,908	\$1,452	\$1,431	\$980	
	1.299-0.201		2007-2010+	\$3,828	\$3,739	\$4,537	\$2,396	\$1,940	\$1,919	\$1,468	\$734
	0.2 or Less		2007-2010+	\$4,076	\$3,988	\$4,786	\$2,644	\$2,188	\$2,168	\$1,716	\$982

\*If the engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set B-5: 50-74% Usage In Eligible Counties  
10,001-14,000 GVWR**

**Maximum Rebate Grant Amounts  
Based on 5-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV3		GVWR (lbs): 10,001 - 14,000				
				Baseline (old) Engine Emissions Model Year				
		Years	pre 1988	1988-1989	1990	1991-1997	1998 - 2003	2004-2006
<b>Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)</b>	<b>6.0</b> (Repowers Only)	<b>1990</b>	\$4,990	\$2,587				
	<b>5.0</b> (Repowers Only)	<b>1991-1997</b>	\$5,541	\$3,138				
	<b>4.0</b> (Repowers Only)	<b>1998-2003</b>	\$6,091	\$3,688	\$1,101			
	<b>2.375</b> (Repowers Only)	<b>2004-2006</b>	\$6,986	\$4,583	\$1,995	\$1,445	\$894	
	<b>2.375</b> (Default)	<b>2007+</b>	\$6,986	\$4,583	\$1,995	\$1,445	\$894	
	<b>2.374-1.3</b>	<b>2007-2010+</b>	\$7,286	\$4,883	\$2,295	\$1,745	\$1,194	
	<b>1.299-0.201</b>	<b>2007-2010+</b>	\$7,880	\$5,477	\$2,890	\$2,339	\$1,789	\$894
	<b>0.2 or Less</b>	<b>2007-2010+</b>	\$8,183	\$5,780	\$3,193	\$2,642	\$2,092	\$1,197

\*If the engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set B-5: 50-74% Usage In Eligible Counties  
14,001-16,000 GVWR**

**Maximum Rebate Grant Amounts  
Based on 5-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV4		GVWR (lbs): 14,001 - 16,000							
		Baseline (old) Engine Emissions Model Year									
		Years	pre 1988	1988	1989	1990	1991 - 1992	1993 - 1994	1995 - 1997	1998 - 2003	2004-2006
<b>Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)</b>	<b>6.0</b> (Repowers Only)	<b>Replacement (new) Engine Emissions Model Year</b>	1990	\$5,542	\$3,984	\$3,924					
	<b>5.0</b> (Repowers Only)		1991-1992	\$6,405	\$4,846	\$4,786					
	<b>5.0</b> (Repowers Only)		1993-1994	\$6,433	\$4,874	\$4,814					
	<b>5.0</b> (Repowers Only)		1995-1997	\$6,461	\$4,902	\$4,842					
	<b>4.0</b> (Repowers Only)		1998-2003	\$7,279	\$5,720	\$5,660	\$1,737				
	<b>2.375</b> (Repowers Only)		2004-2006	\$8,608	\$7,050	\$6,990	\$3,066	\$2,203	\$2,175	\$2,147	\$1,329
	<b>2.375</b> (Default)		2007+	\$8,608	\$7,050	\$6,990	\$3,066	\$2,203	\$2,175	\$2,147	\$1,329
	<b>2.374-1.3</b>		2007-2010+	\$9,054	\$7,495	\$7,435	\$3,512	\$2,649	\$2,621	\$2,593	\$1,775
	<b>1.299-0.201</b>		2007-2010+	\$9,938	\$8,379	\$8,319	\$4,395	\$3,533	\$3,504	\$3,476	\$2,658
<b>0.2 or Less</b>	2007-2010+	\$10,387	\$8,829	\$8,769	\$4,845	\$3,982	\$3,954	\$3,926	\$3,108	\$1,779	

\*If the engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set B-5: 50-74% Usage In Eligible Counties  
16,001-19,500 GVWR**

**Maximum Rebate Grant Amounts  
Based on 5-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV5		GVWR (lbs): 16,001 - 19,500										
		Baseline (old) Engine Emissions Model Year												
		Years	pre 1988	1988	1989	1990	1991	1992	1993	1994	1995	1996 - 1997	1998 - 2003	2004-2006
<b>Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)</b>	<b>6.0 (Repowers Only)</b>	<b>1990</b>	\$5,196	\$4,698	\$4,573									
	<b>5.0 (Repowers Only)</b>	<b>1991</b>	\$6,184	\$5,687	\$5,562									
	<b>5.0 (Repowers Only)</b>	<b>1992</b>	\$6,243	\$5,745	\$5,620									
	<b>5.0 (Repowers Only)</b>	<b>1993</b>	\$6,272	\$5,774	\$5,649									
	<b>5.0 (Repowers Only)</b>	<b>1994</b>	\$6,301	\$5,803	\$5,678									
	<b>5.0 (Repowers Only)</b>	<b>1995</b>	\$6,330	\$5,832	\$5,707									
	<b>5.0 (Repowers Only)</b>	<b>1996-1997</b>	\$6,388	\$5,890	\$5,766									
	<b>4.0 (Repowers Only)</b>	<b>1998-2003</b>	\$7,301	\$6,803	\$6,679	\$2,106								
	<b>2.375 (Repowers Only)</b>	<b>2004-2006</b>	\$8,785	\$8,287	\$8,163	\$3,590	\$2,601	\$2,543	\$2,514	\$2,485	\$2,455	\$2,397	\$1,484	
	<b>2.375 (Default)</b>	<b>2007+</b>	\$8,785	\$8,287	\$8,163	\$3,590	\$2,601	\$2,543	\$2,514	\$2,485	\$2,455	\$2,397	\$1,484	
	<b>2.374-1.3</b>	<b>2007-2010+</b>	\$9,283	\$8,785	\$8,661	\$4,087	\$3,099	\$3,040	\$3,011	\$2,982	\$2,953	\$2,895	\$1,982	
	<b>1.299-0.201</b>	<b>2007-2010+</b>	\$10,269	\$9,771	\$9,647	\$5,074	\$4,085	\$4,027	\$3,998	\$3,969	\$3,939	\$3,881	\$2,968	\$1,484
	<b>0.2 or Less</b>	<b>2007-2010+</b>	\$10,772	\$10,274	\$10,149	\$5,576	\$4,587	\$4,529	\$4,500	\$4,471	\$4,442	\$4,384	\$3,470	\$1,986

\*If the engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set B-5: 50-74% Usage In Eligible Counties  
19,501-26,000 GVWR**

**Maximum Rebate Grant Amounts  
Based on 5-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

Vehicle Class: HDDV6      GVWR (lbs): 19,501 - 26,000																	
		Years	Baseline (old) Engine Emissions Model Year														
			pre 1981	1981	1982	1983	1984	1985	1986 - 1987	1988	1989	1990	1991 - 1993	1994 - 1995	1996 - 1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$5,999	\$5,559	\$5,183	\$5,057	\$4,931	\$4,869	\$4,806	\$5,496	\$5,434						
	5.0 (Repowers Only)	1991-1993	\$7,184	\$6,745	\$6,368	\$6,242	\$6,117	\$6,054	\$5,991	\$6,682	\$6,619						
	5.0 (Repowers Only)	1994-1995	\$7,214	\$6,774	\$6,397	\$6,272	\$6,146	\$6,083	\$6,021	\$6,711	\$6,648						
	5.0 (Repowers Only)	1996-1997	\$7,243	\$6,803	\$6,427	\$6,301	\$6,175	\$6,113	\$6,050	\$6,741	\$6,678						
	4.0 (Repowers Only)	1998-2003	\$8,381	\$7,942	\$7,565	\$7,440	\$7,314	\$7,251	\$7,188	\$7,879	\$7,816	\$2,383					
	2.375 (Repowers Only)	2004-2006	\$10,232	\$9,792	\$9,415	\$9,290	\$9,164	\$9,101	\$9,038	\$9,729	\$9,666	\$4,233	\$3,047	\$3,018	\$2,989	\$1,850	
	2.375 (Default)	2007+	\$10,232	\$9,792	\$9,415	\$9,290	\$9,164	\$9,101	\$9,038	\$9,729	\$9,666	\$4,233	\$3,047	\$3,018	\$2,989	\$1,850	
	2.374-1.3	2007-2010+	\$10,852	\$10,412	\$10,036	\$9,910	\$9,785	\$9,722	\$9,659	\$10,350	\$10,287	\$4,853	\$3,668	\$3,638	\$3,609	\$2,471	
	1.299-0.201	2007-2010+	\$12,082	\$11,642	\$11,265	\$11,140	\$11,014	\$10,951	\$10,888	\$11,579	\$11,516	\$6,083	\$4,897	\$4,868	\$4,839	\$3,700	\$1,850
	0.2 or Less	2007-2010+	\$12,708	\$12,268	\$11,891	\$11,766	\$11,640	\$11,577	\$11,515	\$12,205	\$12,143	\$6,709	\$5,523	\$5,494	\$5,465	\$4,326	\$2,476

\*If the engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set B-5: 50-74% Usage In Eligible Counties  
26,001-33,000 GVWR**

**Maximum Rebate Grant Amounts  
Based on 5-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV7		GVWR (lbs): 26,001 - 33,000											
		Baseline (old) Engine Emissions Model Year													
		Years	pre 1981	1981	1982	1983	1984	1985	1986 - 1987	1988 - 1989	1990	1991 - 1993	1994 - 1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$5,522	\$5,400	\$5,156	\$5,094	\$4,972	\$4,850	\$4,789	\$6,377					
	5.0 (Repowers Only)	1991-1993	\$6,892	\$6,770	\$6,525	\$6,464	\$6,342	\$6,220	\$6,159	\$7,747					
	5.0 (Repowers Only)	1994-1997	\$6,863	\$6,741	\$6,497	\$6,436	\$6,314	\$6,191	\$6,130	\$7,718					
	4.0 (Repowers Only)	1998-2003	\$8,239	\$8,117	\$7,872	\$7,811	\$7,689	\$7,567	\$7,506	\$9,094	\$2,717				
	2.375 (Repowers Only)	2004-2006	\$10,474	\$10,352	\$10,107	\$10,046	\$9,924	\$9,802	\$9,741	\$11,329	\$4,952	\$3,582	\$3,611	\$2,235	
	2.375 (Default)	2007+	\$10,474	\$10,352	\$10,107	\$10,046	\$9,924	\$9,802	\$9,741	\$11,329	\$4,952	\$3,582	\$3,611	\$2,235	
	2.374-1.3	2007-2010+	\$11,223	\$11,101	\$10,857	\$10,796	\$10,674	\$10,552	\$10,491	\$12,078	\$5,702	\$4,332	\$4,360	\$2,985	
	1.299-0.201	2007-2010+	\$12,709	\$12,587	\$12,343	\$12,282	\$12,159	\$12,037	\$11,976	\$13,564	\$7,187	\$5,817	\$5,846	\$4,470	\$2,235
	0.2 or Less	2007-2010+	\$13,466	\$13,343	\$13,099	\$13,038	\$12,916	\$12,794	\$12,733	\$14,321	\$7,944	\$6,574	\$6,602	\$5,227	\$2,992

\*If the engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set B-5: 50-74% Usage In Eligible Counties  
33,001-60,000 GVWR**

**Maximum Rebate Grant Amounts  
Based on 5-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV8a      GVWR (lbs): 33,001 - 60,000																		
		Baseline (old) Engine Emissions Model Year																		
		Years	pre 1981	1981	1982	1983	1984	1985	1986 - 1987	1988	1989	1990	1991	1992	1993	1994	1995	1996 - 1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$16,802	\$17,388	\$17,154	\$16,802	\$16,568	\$16,216	\$15,982	\$15,513	\$15,162									
	5.0 (Repowers Only)	1991	\$20,142	\$20,728	\$20,494	\$20,142	\$19,908	\$19,557	\$19,322	\$18,853	\$18,502									
	5.0 (Repowers Only)	1992	\$20,252	\$20,838	\$20,604	\$20,252	\$20,018	\$19,666	\$19,432	\$18,963	\$18,611									
	5.0 (Repowers Only)	1993	\$20,362	\$20,947	\$20,713	\$20,362	\$20,127	\$19,776	\$19,541	\$19,073	\$18,721									
	5.0 (Repowers Only)	1994	\$20,471	\$21,057	\$20,823	\$20,471	\$20,237	\$19,885	\$19,651	\$19,182	\$18,830									
	5.0 (Repowers Only)	1995	\$20,635	\$21,221	\$20,987	\$20,635	\$20,401	\$20,049	\$19,815	\$19,346	\$18,995									
	5.0 (Repowers Only)	1996-1997	\$20,745	\$21,331	\$21,096	\$20,745	\$20,510	\$20,159	\$19,925	\$19,456	\$19,104									
	4.0 (Repowers Only)	1998-2003	\$23,768	\$24,353	\$24,119	\$23,768	\$23,533	\$23,182	\$22,947	\$22,479	\$22,127	\$6,965								
	2.375 (Repowers Only)	2004-2006	\$28,679	\$29,265	\$29,031	\$28,679	\$28,445	\$28,093	\$27,859	\$27,390	\$27,039	\$11,877	\$8,537	\$8,427	\$8,318	\$8,208	\$8,044	\$7,935	\$4,912	
	2.375 (Default)	2007+	\$28,679	\$29,265	\$29,031	\$28,679	\$28,445	\$28,093	\$27,859	\$27,390	\$27,039	\$11,877	\$8,537	\$8,427	\$8,318	\$8,208	\$8,044	\$7,935	\$4,912	
2.374-1.3	2007-2010+	\$30,327	\$30,913	\$30,678	\$30,327	\$30,092	\$29,741	\$29,506	\$29,038	\$28,686	\$13,525	\$10,184	\$10,075	\$9,965	\$9,856	\$9,691	\$9,582	\$6,559		
1.299-0.201	2007-2010+	\$33,591	\$34,177	\$33,943	\$33,591	\$33,357	\$33,005	\$32,771	\$32,302	\$31,951	\$16,789	\$13,449	\$13,339	\$13,230	\$13,120	\$12,956	\$12,846	\$9,824	\$4,912	
0.2 or Less	2007-2010+	\$35,254	\$35,840	\$35,605	\$35,254	\$35,019	\$34,668	\$34,433	\$33,965	\$33,613	\$18,452	\$15,111	\$15,002	\$14,892	\$14,783	\$14,618	\$14,509	\$11,486	\$6,574	

\*If the engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set B-5: 50-74% Usage In Eligible Counties  
Greater Than 60,000 GVWR**

**Maximum Rebate Grant Amounts  
Based on 5-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV8b      GVWR (lbs): Greater than 60,000																
		Baseline (old) Engine Emissions Model Year																
		Years	pre 1981	1981	1982 - 1983	1984 -1985	1986 - 1987	1988	1989	1990	1991	1992	1993	1994	1995	1996 - 1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$27,994	\$26,718	\$24,713	\$24,530	\$24,348	\$26,718	\$26,171									
	5.0 (Repowers Only)	1991	\$33,701	\$32,425	\$30,420	\$30,238	\$30,056	\$32,425	\$31,878									
	5.0 (Repowers Only)	1992	\$33,957	\$32,681	\$30,676	\$30,493	\$30,311	\$32,681	\$32,134									
	5.0 (Repowers Only)	1993	\$34,213	\$32,937	\$30,931	\$30,749	\$30,567	\$32,937	\$32,390									
	5.0 (Repowers Only)	1994	\$34,383	\$33,107	\$31,102	\$30,919	\$30,737	\$33,107	\$32,560									
	5.0 (Repowers Only)	1995	\$34,639	\$33,362	\$31,357	\$31,175	\$30,993	\$33,362	\$32,816									
	5.0 (Repowers Only)	1996-1997	\$34,894	\$33,618	\$31,613	\$31,430	\$31,248	\$33,618	\$33,071									
	4.0 (Repowers Only)	1998-2003	\$40,056	\$38,780	\$36,775	\$36,593	\$36,410	\$38,780	\$38,233	\$12,062								
	2.375 (Repowers Only)	2004-2006	\$48,445	\$47,169	\$45,164	\$44,981	\$44,799	\$47,169	\$46,622	\$20,451	\$14,744	\$14,488	\$14,233	\$14,062	\$13,807	\$13,551	\$8,389	
	2.375 (Default)	2007+	\$48,445	\$47,169	\$45,164	\$44,981	\$44,799	\$47,169	\$46,622	\$20,451	\$14,744	\$14,488	\$14,233	\$14,062	\$13,807	\$13,551	\$8,389	
2.374-1.3	2007-2010+	\$51,259	\$49,983	\$47,977	\$47,795	\$47,613	\$49,983	\$49,436	\$23,265	\$17,557	\$17,302	\$17,046	\$16,876	\$16,620	\$16,365	\$11,202		
1.299-0.201	2007-2010+	\$56,834	\$55,558	\$53,553	\$53,370	\$53,188	\$55,558	\$55,011	\$28,840	\$23,132	\$22,877	\$22,621	\$22,451	\$22,195	\$21,940	\$16,777	\$8,389	
0.2 or Less	2007-2010+	\$59,673	\$58,397	\$56,392	\$56,209	\$56,027	\$58,397	\$57,850	\$31,679	\$25,972	\$25,716	\$25,461	\$25,290	\$25,035	\$24,779	\$19,617	\$11,228	

\*If the engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set B-5: 50-74% Usage In Eligible Counties  
Transit or Urban Bus**

**Maximum Rebate Grant Amounts**

**Based on 5-year Activity Life**

**On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDBT TRANSIT or URBAN BUS											
		Baseline (old) Engine Emissions Model Year											
		Years	pre 1981	1981	1982 - 1987	1988 - 1989	1990	1991 - 1992	1993 - 1995	1996 - 1997	1998 - 2003	2004-2006	
<b>Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)</b>	<b>6.0</b> <small>(Repowers Only)</small>	<b>Replacement (new) Engine Emissions Model Year</b>	1990	\$7,208	\$8,298	\$8,952	\$19,197						
	<b>5.0</b> <small>(Repowers Only)</small>		1991-1992	\$11,293	\$12,383	\$13,037	\$23,281						
	<b>5.0</b> <small>(Repowers Only)</small>		1993-1995	\$11,242	\$12,332	\$12,986	\$23,231						
	<b>5.0</b> <small>(Repowers Only)</small>		1996-1997	\$11,191	\$12,281	\$12,935	\$23,180						
	<b>4.0</b> <small>(Repowers Only)</small>		1998-2003	\$15,296	\$16,386	\$17,040	\$27,284	\$8,087					
	<b>2.375</b> <small>(Repowers Only)</small>		2004-2006	\$21,966	\$23,056	\$23,710	\$33,955	\$14,758	\$10,673	\$10,724	\$10,775	\$6,670	
	<b>2.375</b> <small>(Default)</small>		2007+	\$21,966	\$23,056	\$23,710	\$33,955	\$14,758	\$10,673	\$10,724	\$10,775	\$6,670	
	<b>2.374-1.3</b>		2007-2010+	\$24,203	\$25,293	\$25,947	\$36,192	\$16,995	\$12,910	\$12,961	\$13,012	\$8,907	
	<b>1.299-0.201</b>		2007-2010+	\$28,637	\$29,726	\$30,380	\$40,625	\$21,428	\$17,344	\$17,395	\$17,446	\$13,341	\$6,670
	<b>0.2 or Less</b>		2007-2010+	\$30,894	\$31,984	\$32,638	\$42,883	\$23,686	\$19,601	\$19,652	\$19,703	\$15,598	\$8,928

\*If the engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set B-5: 50-74% Usage In Eligible Counties  
School Bus**

**Maximum Rebate Grant Amounts**

**Based on 5-year Activity Life**

**On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDBS SCHOOL BUS														
		Baseline (old) Engine Emissions Model Year														
		Years	pre 1981	1981	1982 - 1987	1988	1989	1990	1991	1992	1993	1994	1995	1996 - 1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$267	\$298	\$330	\$3,594	\$3,656									
	5.0 (Repowers Only)	1991	\$1,037	\$1,068	\$1,100	\$4,364	\$4,426									
	5.0 (Repowers Only)	1992	\$950	\$981	\$1,012	\$4,277	\$4,339									
	5.0 (Repowers Only)	1993	\$878	\$909	\$940	\$4,204	\$4,267									
	5.0 (Repowers Only)	1994	\$790	\$821	\$853	\$4,117	\$4,179									
	5.0 (Repowers Only)	1995	\$718	\$749	\$780	\$4,045	\$4,107									
	5.0 (Repowers Only)	1996-1997	\$631	\$662	\$693	\$3,957	\$4,020									
	4.0 (Repowers Only)	1998-2003	\$1,499	\$1,530	\$1,562	\$4,826	\$4,888	\$1,232								
	2.375 (Repowers Only)	2004-2006	\$2,911	\$2,942	\$2,973	\$6,238	\$6,300	\$2,644	\$1,874	\$1,961	\$2,034	\$2,121	\$2,194	\$2,281	\$1,412	
	2.375 (Default)	2007+	\$2,911	\$2,942	\$2,973	\$6,238	\$6,300	\$2,644	\$1,874	\$1,961	\$2,034	\$2,121	\$2,194	\$2,281	\$1,412	
2.374-1.3	2007-2010+	\$3,385	\$3,416	\$3,447	\$6,712	\$6,774	\$3,117	\$2,347	\$2,435	\$2,507	\$2,594	\$2,667	\$2,754	\$1,885		
1.299-0.201	2007-2010+	\$4,323	\$4,354	\$4,385	\$7,650	\$7,712	\$4,056	\$3,286	\$3,373	\$3,446	\$3,533	\$3,605	\$3,693	\$2,824	\$1,412	
0.2 or Less	2007-2010+	\$4,801	\$4,832	\$4,863	\$8,128	\$8,190	\$4,534	\$3,764	\$3,851	\$3,923	\$4,011	\$4,083	\$4,170	\$3,302	\$1,890	

\*If the engine certification is not known, then use the default value of 2.375 g/bhp-hr.

## Set C-5: 25-49% Usage in Eligible Counties 8,501 - 10,000 GVWR

### Maximum Rebate Grant Amounts Based on 5-year Activity Life On-Road Heavy-Duty Diesel Vehicle

*(Beginning with model year 2004, vehicles between 8,500 and 10,000lb GVWR that are used primarily for passenger use were reclassified to Medium Duty Passenger Vehicles (MDPV) vehicles. These are primarily vans and SUVs and are not eligible for the rebate program.)*

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV2b		GVWR (lbs): 8,501 - 10,000							
		Baseline (old) Engine Emissions Model Year									
		Years	pre 1982	1982 - 1987	1988 - 1989	1990	1991 - 1992	1993 - 1997	1998 - 2003	2004-2006	
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	Replacement (new) Engine Emissions Model Year	1990	\$716	\$672	\$1,071					
	5.0 (Repowers Only)		1991-1992	\$944	\$900	\$1,299					
	5.0 (Repowers Only)		1993-1997	\$954	\$910	\$1,309					
	4.0 (Repowers Only)		1998-2003	\$1,180	\$1,136	\$1,535	\$464				
	2.375 (Repowers Only)		2004-2006	\$1,547	\$1,503	\$1,902	\$831	\$603	\$593	\$367	
	2.375 (Default)		2007+	\$1,547	\$1,503	\$1,902	\$831	\$603	\$593	\$367	
	2.374-1.3		2007-2010+	\$1,670	\$1,626	\$2,025	\$954	\$726	\$716	\$490	
	1.299-0.201		2007-2010+	\$1,914	\$1,870	\$2,269	\$1,198	\$970	\$960	\$734	\$367
	0.2 or Less		2007-2010+	\$2,038	\$1,994	\$2,393	\$1,322	\$1,094	\$1,084	\$858	\$491

\*If engine certification is not known, then use the default value of 2.375 g/bhp-hr.

## Set C-5: 25-49% Usage In Eligible Counties 10,001 - 14,000 GVWR

### Maximum Rebate Grant Amounts Based on 5-year Activity Life On-Road Heavy-Duty Diesel Vehicle

Please read the instructions provided on a separate sheet before using this table.

Vehicle Class: HDDV3			GVWR (lbs): 10,001 - 14,000						
			Baseline (old) Engine Emissions Model Year						
			Years	pre 1988	1988-1989	1990	1991-1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	Replacement (new) Engine Emissions Model Year	1990	\$2,495	\$1,294				
	5.0 (Repowers Only)		1991-1997	\$2,770	\$1,569				
	5.0 (Repowers Only)		1997	\$2,770	\$1,569				
	4.0 (Repowers Only)		1998-2003	\$3,046	\$1,844	\$550			
	2.375 (Repowers Only)		2004-2006	\$3,493	\$2,291	\$998	\$722	\$447	
	2.375 (Default)		2007+	\$3,493	\$2,291	\$998	\$722	\$447	
	2.374-1.3		2007-2010+	\$3,643	\$2,441	\$1,148	\$872	\$597	
	1.299-0.201		2007-2010+	\$3,940	\$2,739	\$1,445	\$1,170	\$894	\$447
	0.2 or Less		2007-2010+	\$4,091	\$2,890	\$1,596	\$1,321	\$1,046	\$599

\*If engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set C-5: 25-49% Usage In Eligible Counties  
14,001 - 16,000 GVWR**

**Maximum Rebate Grant Amounts  
Based on 5-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV4		GVWR (lbs): 14,001 - 16,000								
		Baseline (old) Engine Emissions Model Year										
		Years	pre 1988	1988	1989	1990	1991 - 1992	1993 - 1994	1995 - 1997	1998 - 2003	2004-2006	
<b>Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)</b>	6.0 (Repowers Only)	<b>Replacement (new) Engine Emissions Model Year</b>	1990	\$2,771	\$1,992	\$1,962						
	5.0 (Repowers Only)		1991-1992	\$3,203	\$2,423	\$2,393						
	5.0 (Repowers Only)		1993-1994	\$3,217	\$2,437	\$2,407						
	5.0 (Repowers Only)		1995-1997	\$3,231	\$2,451	\$2,421						
	4.0 (Repowers Only)		1998-2003	\$3,640	\$2,860	\$2,830	\$868					
	2.375 (Repowers Only)		2004-2006	\$4,304	\$3,525	\$3,495	\$1,533	\$1,102	\$1,088	\$1,074	\$665	
	2.375 (Default)		2007+	\$4,304	\$3,525	\$3,495	\$1,533	\$1,102	\$1,088	\$1,074	\$665	
	2.374-1.3		2007-2010+	\$4,527	\$3,748	\$3,718	\$1,756	\$1,325	\$1,311	\$1,297	\$888	
	1.299-0.201		2007-2010+	\$4,969	\$4,189	\$4,159	\$2,198	\$1,766	\$1,752	\$1,738	\$1,329	\$665
	0.2 or Less		2007-2010+	\$5,194	\$4,414	\$4,384	\$2,423	\$1,991	\$1,977	\$1,963	\$1,554	\$890

\*If engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set C-5: 25-49% Usage In Eligible Counties  
16,001 - 19,500 GVWR**

**Maximum Rebate Grant Amounts**

**Based on 5-year Activity Life**

**On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV5		GVWR (lbs): 16,001 - 19,500										
		Baseline (old) Engine Emissions Model Year												
		Years	pre 1988	1988	1989	1990	1991	1992	1993	1994	1995	1996 - 1997	1998 - 2003	2004-2006
<b>Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)</b>	<b>6.0 (Repowers Only)</b>	<b>1990</b>	\$2,598	\$2,349	\$2,287									
	<b>5.0 (Repowers Only)</b>	<b>1991</b>	\$3,092	\$2,843	\$2,781									
	<b>5.0 (Repowers Only)</b>	<b>1992</b>	\$3,121	\$2,872	\$2,810									
	<b>5.0 (Repowers Only)</b>	<b>1993</b>	\$3,136	\$2,887	\$2,825									
	<b>5.0 (Repowers Only)</b>	<b>1994</b>	\$3,150	\$2,901	\$2,839									
	<b>5.0 (Repowers Only)</b>	<b>1995</b>	\$3,165	\$2,916	\$2,854									
	<b>5.0 (Repowers Only)</b>	<b>1996-1997</b>	\$3,194	\$2,945	\$2,883									
	<b>4.0 (Repowers Only)</b>	<b>1998-2003</b>	\$3,651	\$3,402	\$3,339	\$1,053								
	<b>2.375 (Repowers Only)</b>	<b>2004-2006</b>	\$4,393	\$4,144	\$4,081	\$1,795	\$1,300	\$1,271	\$1,257	\$1,242	\$1,228	\$1,199	\$742	
	<b>2.375 (Default)</b>	<b>2007+</b>	\$4,393	\$4,144	\$4,081	\$1,795	\$1,300	\$1,271	\$1,257	\$1,242	\$1,228	\$1,199	\$742	
	<b>2.374-1.3</b>	<b>2007-2010+</b>	\$4,642	\$4,393	\$4,330	\$2,044	\$1,549	\$1,520	\$1,506	\$1,491	\$1,477	\$1,447	\$991	
	<b>1.299-0.201</b>	<b>2007-2010+</b>	\$5,135	\$4,886	\$4,823	\$2,537	\$2,042	\$2,013	\$1,999	\$1,984	\$1,970	\$1,941	\$1,484	\$742
	<b>0.2 or Less</b>	<b>2007-2010+</b>	\$5,386	\$5,137	\$5,075	\$2,788	\$2,294	\$2,264	\$2,250	\$2,235	\$2,221	\$2,192	\$1,735	\$993

\*If engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set C-5: 25-49% Usage In Eligible Counties  
19,501 - 26,000 GVWR**

**Maximum Rebate Grant Amounts  
Based on 5-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV6      GVWR (lbs): 19,501 - 26,000															
		Baseline (old) Engine Emissions Model Year															
		Years	pre 1981	1981	1982	1983	1984	1985	1986 - 1987	1988	1989	1990	1991 - 1993	1994 - 1995	1996 - 1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$2,999	\$2,780	\$2,591	\$2,528	\$2,466	\$2,434	\$2,403	\$2,748	\$2,717						
	5.0 (Repowers Only)	1991-1993	\$3,592	\$3,372	\$3,184	\$3,121	\$3,058	\$3,027	\$2,996	\$3,341	\$3,310						
	5.0 (Repowers Only)	1994-1995	\$3,607	\$3,387	\$3,199	\$3,136	\$3,073	\$3,042	\$3,010	\$3,356	\$3,324						
	5.0 (Repowers Only)	1996-1997	\$3,621	\$3,402	\$3,213	\$3,151	\$3,088	\$3,056	\$3,025	\$3,370	\$3,339						
	4.0 (Repowers Only)	1998-2003	\$4,191	\$3,971	\$3,783	\$3,720	\$3,657	\$3,626	\$3,594	\$3,940	\$3,908	\$1,191					
	2.375 (Repowers Only)	2004-2006	\$5,116	\$4,896	\$4,708	\$4,645	\$4,582	\$4,551	\$4,519	\$4,865	\$4,833	\$2,116	\$1,524	\$1,509	\$1,494	\$925	
	2.375 (Default)	2007+	\$5,116	\$4,896	\$4,708	\$4,645	\$4,582	\$4,551	\$4,519	\$4,865	\$4,833	\$2,116	\$1,524	\$1,509	\$1,494	\$925	
	2.374-1.3	2007-2010+	\$5,426	\$5,206	\$5,018	\$4,955	\$4,892	\$4,861	\$4,829	\$5,175	\$5,143	\$2,427	\$1,834	\$1,819	\$1,805	\$1,235	
	1.299-0.201	2007-2010+	\$6,041	\$5,821	\$5,633	\$5,570	\$5,507	\$5,476	\$5,444	\$5,790	\$5,758	\$3,041	\$2,449	\$2,434	\$2,419	\$1,850	\$925
	0.2 or Less	2007-2010+	\$6,354	\$6,134	\$5,946	\$5,883	\$5,820	\$5,789	\$5,757	\$6,103	\$6,071	\$3,354	\$2,762	\$2,747	\$2,732	\$2,163	\$1,238

\*If engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set C-5: 25-49% Usage In Eligible Counties  
26,001 - 33,000 GVWR**

**Maximum Rebate Grant Amounts**

**Based on 5-year Activity Life**

**On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV7      GVWR (lbs): 26,001 - 33,000													
		Baseline (old) Engine Emissions Model Year													
		Years	pre 1981	1981	1982	1983	1984	1985	1986 - 1987	1988 - 1989	1990	1991 - 1993	1994 - 1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$2,761	\$2,700	\$2,578	\$2,547	\$2,486	\$2,425	\$2,395	\$3,188					
	5.0 (Repowers Only)	1991-1993	\$3,446	\$3,385	\$3,263	\$3,232	\$3,171	\$3,110	\$3,079	\$3,873					
	5.0 (Repowers Only)	1994-1997	\$3,432	\$3,371	\$3,248	\$3,218	\$3,157	\$3,096	\$3,065	\$3,859					
	4.0 (Repowers Only)	1998-2003	\$4,119	\$4,058	\$3,936	\$3,906	\$3,845	\$3,783	\$3,753	\$4,547	\$1,358				
	2.375 (Repowers Only)	2004-2006	\$5,237	\$5,176	\$5,054	\$5,023	\$4,962	\$4,901	\$4,871	\$5,664	\$2,476	\$1,791	\$1,805	\$1,118	
	2.375 (Default)	2007+	\$5,237	\$5,176	\$5,054	\$5,023	\$4,962	\$4,901	\$4,871	\$5,664	\$2,476	\$1,791	\$1,805	\$1,118	
	2.374-1.3	2007-2010+	\$5,612	\$5,551	\$5,429	\$5,398	\$5,337	\$5,276	\$5,245	\$6,039	\$2,851	\$2,166	\$2,180	\$1,492	
	1.299-0.201	2007-2010+	\$6,355	\$6,293	\$6,171	\$6,141	\$6,080	\$6,019	\$5,988	\$6,782	\$3,594	\$2,909	\$2,923	\$2,235	\$1,118
	0.2 or Less	2007-2010+	\$6,733	\$6,672	\$6,550	\$6,519	\$6,458	\$6,397	\$6,366	\$7,160	\$3,972	\$3,287	\$3,301	\$2,613	\$1,496

\*If engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set C-5: 25-49% Usage In Eligible Counties  
33,001-60,000 GVWR**

**Maximum Rebate Grant Amounts  
Based on 5-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle  
Please read the instructions provided on a separate sheet before using this table**

		Vehicle Class: HDDV8a      GVWR (lbs): 33,001 - 60,000																		
		Baseline (old) Engine Emissions Model Year																		
		Years	pre 1981	1981	1982	1983	1984	1985	1986 - 1987	1988	1989	1990	1991	1992	1993	1994	1995	1996 - 1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$8,401	\$8,694	\$8,577	\$8,401	\$8,284	\$8,108	\$7,991	\$7,757	\$7,581									
	5.0 (Repowers Only)	1991	\$10,071	\$10,364	\$10,247	\$10,071	\$9,954	\$9,778	\$9,661	\$9,427	\$9,251									
	5.0 (Repowers Only)	1992	\$10,126	\$10,419	\$10,302	\$10,126	\$10,009	\$9,833	\$9,716	\$9,481	\$9,306									
	5.0 (Repowers Only)	1993	\$10,181	\$10,474	\$10,357	\$10,181	\$10,064	\$9,888	\$9,771	\$9,536	\$9,360									
	5.0 (Repowers Only)	1994	\$10,236	\$10,528	\$10,411	\$10,236	\$10,118	\$9,943	\$9,825	\$9,591	\$9,415									
	5.0 (Repowers Only)	1995	\$10,318	\$10,611	\$10,493	\$10,318	\$10,200	\$10,025	\$9,908	\$9,673	\$9,497									
	5.0 (Repowers Only)	1996-1997	\$10,372	\$10,665	\$10,548	\$10,372	\$10,255	\$10,079	\$9,962	\$9,728	\$9,552									
	4.0 (Repowers Only)	1998-2003	\$11,884	\$12,177	\$12,060	\$11,884	\$11,767	\$11,591	\$11,474	\$11,239	\$11,063	\$3,483								
	2.375 (Repowers Only)	2004-2006	\$14,340	\$14,633	\$14,515	\$14,340	\$14,223	\$14,047	\$13,930	\$13,695	\$13,519	\$5,939	\$4,268	\$4,214	\$4,159	\$4,104	\$4,022	\$3,967	\$2,456	
	2.375 (Default)	2007+	\$14,340	\$14,633	\$14,515	\$14,340	\$14,223	\$14,047	\$13,930	\$13,695	\$13,519	\$5,939	\$4,268	\$4,214	\$4,159	\$4,104	\$4,022	\$3,967	\$2,456	
	2.374-1.3	2007-2010+	\$15,163	\$15,456	\$15,339	\$15,163	\$15,046	\$14,870	\$14,753	\$14,519	\$14,343	\$6,762	\$5,092	\$5,037	\$4,983	\$4,928	\$4,846	\$4,791	\$3,280	
	1.299-0.201	2007-2010+	\$16,796	\$17,089	\$16,971	\$16,796	\$16,678	\$16,503	\$16,385	\$16,151	\$15,975	\$8,395	\$6,724	\$6,670	\$6,615	\$6,560	\$6,478	\$6,423	\$4,912	\$2,456
0.2 or Less	2007-2010+	\$17,627	\$17,920	\$17,803	\$17,627	\$17,510	\$17,334	\$17,217	\$16,982	\$16,807	\$9,226	\$7,556	\$7,501	\$7,446	\$7,391	\$7,309	\$7,254	\$5,743	\$3,287	

\*If engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set C-5: 25-49% Usage In Eligible Counties  
Greater Than 60,000 GVWR**

**Maximum Rebate Grant Amounts  
Based on 5-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV8b      GVWR (lbs): Greater than 60,000																
		Baseline (old) Engine Emissions Model Year																
		Years	pre 1981	1981	1982 - 1983	1984 -1985	1986 - 1987	1988	1989	1990	1991	1992	1993	1994	1995	1996 - 1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$13,997	\$13,359	\$12,356	\$12,265	\$12,174	\$13,359	\$13,086									
	5.0 (Repowers Only)	1991	\$16,851	\$16,213	\$15,210	\$15,119	\$15,028	\$16,213	\$15,939									
	5.0 (Repowers Only)	1992	\$16,979	\$16,340	\$15,338	\$15,247	\$15,156	\$16,340	\$16,067									
	5.0 (Repowers Only)	1993	\$17,106	\$16,468	\$15,466	\$15,374	\$15,283	\$16,468	\$16,195									
	5.0 (Repowers Only)	1994	\$17,191	\$16,553	\$15,551	\$15,460	\$15,368	\$16,553	\$16,280									
	5.0 (Repowers Only)	1995	\$17,319	\$16,681	\$15,679	\$15,587	\$15,496	\$16,681	\$16,408									
	5.0 (Repowers Only)	1996-1997	\$17,447	\$16,809	\$15,806	\$15,715	\$15,624	\$16,809	\$16,536									
	4.0 (Repowers Only)	1998-2003	\$20,028	\$19,390	\$18,388	\$18,296	\$18,205	\$19,390	\$19,117	\$6,031								
	2.375 (Repowers Only)	2004-2006	\$24,223	\$23,585	\$22,582	\$22,491	\$22,400	\$23,585	\$23,311	\$10,226	\$7,372	\$7,244	\$7,116	\$7,031	\$6,903	\$6,776	\$4,194	
	2.375 (Default)	2007+	\$24,223	\$23,585	\$22,582	\$22,491	\$22,400	\$23,585	\$23,311	\$10,226	\$7,372	\$7,244	\$7,116	\$7,031	\$6,903	\$6,776	\$4,194	
2.374-1.3	2007-2010+	\$25,629	\$24,991	\$23,989	\$23,897	\$23,806	\$24,991	\$24,718	\$11,632	\$8,779	\$8,651	\$8,523	\$8,438	\$8,310	\$8,182	\$5,601		
1.299-0.201	2007-2010+	\$28,417	\$27,779	\$26,776	\$26,685	\$26,594	\$27,779	\$27,505	\$14,420	\$11,566	\$11,438	\$11,311	\$11,225	\$11,098	\$10,970	\$8,389	\$4,194	
0.2 or Less	2007-2010+	\$29,837	\$29,199	\$28,196	\$28,105	\$28,014	\$29,199	\$28,925	\$15,840	\$12,986	\$12,858	\$12,730	\$12,645	\$12,517	\$12,390	\$9,808	\$5,614	

\*If engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set C-5: 25-49% Usage In Eligible Counties  
Transit or Urban Bus**

**Maximum Rebate Grant Amounts  
Based on 5-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDBT		TRANSIT or URBAN BUS								
		Baseline (old) Engine Emissions Model Year										
		Years	pre 1981	1981	1982 - 1987	1988 - 1989	1990	1991 - 1992	1993 - 1995	1996 - 1997	1998 - 2003	2004-2006
<b>Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)</b>	<b>6.0 (Repowers Only)</b>	<b>1990</b>	\$3,604	\$4,149	\$4,476	\$9,598						
	<b>5.0 (Repowers Only)</b>	<b>1991-1992</b>	\$5,646	\$6,191	\$6,518	\$11,641						
	<b>5.0 (Repowers Only)</b>	<b>1993-1995</b>	\$5,621	\$6,166	\$6,493	\$11,615						
	<b>5.0 (Repowers Only)</b>	<b>1996-1997</b>	\$5,596	\$6,140	\$6,467	\$11,590						
	<b>4.0 (Repowers Only)</b>	<b>1998-2003</b>	\$7,648	\$8,193	\$8,520	\$13,642	\$4,044					
	<b>2.375 (Repowers Only)</b>	<b>2004-2006</b>	\$10,983	\$11,528	\$11,855	\$16,977	\$7,379	\$5,337	\$5,362	\$5,388	\$3,335	
	<b>2.375 (Default)</b>	<b>2007+</b>	\$10,983	\$11,528	\$11,855	\$16,977	\$7,379	\$5,337	\$5,362	\$5,388	\$3,335	
	<b>2.374-1.3</b>	<b>2007-2010+</b>	\$12,102	\$12,647	\$12,974	\$18,096	\$8,497	\$6,455	\$6,481	\$6,506	\$4,454	
	<b>1.299-0.201</b>	<b>2007-2010+</b>	\$14,318	\$14,863	\$15,190	\$20,313	\$10,714	\$8,672	\$8,697	\$8,723	\$6,670	\$3,335
	<b>0.2 or Less</b>	<b>2007-2010+</b>	\$15,447	\$15,992	\$16,319	\$21,441	\$11,843	\$9,801	\$9,826	\$9,852	\$7,799	\$4,464

\*If engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set C-5: 25-49% Usage In Eligible Counties  
School Bus**

**Maximum Rebate Grant Amounts  
Based on 5-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle  
Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDBS														
		SCHOOL BUS														
		Baseline (old) Engine Emissions Model Year														
		Years	pre 1981	1981	1982 - 1987	1988	1989	1990	1991	1992	1993	1994	1995	1996 - 1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$134	\$149	\$165	\$1,797	\$1,828									
	5.0 (Repowers Only)	1991	\$519	\$534	\$550	\$2,182	\$2,213									
	5.0 (Repowers Only)	1992	\$475	\$491	\$506	\$2,139	\$2,170									
	5.0 (Repowers Only)	1993	\$439	\$454	\$470	\$2,102	\$2,133									
	5.0 (Repowers Only)	1994	\$395	\$411	\$426	\$2,059	\$2,090									
	5.0 (Repowers Only)	1995	\$359	\$374	\$390	\$2,022	\$2,053									
	5.0 (Repowers Only)	1996-1997	\$315	\$331	\$346	\$1,979	\$2,010									
	4.0 (Repowers Only)	1998-2003	\$750	\$765	\$781	\$2,413	\$2,444	\$616								
	2.375 (Repowers Only)	2004-2006	\$1,456	\$1,471	\$1,487	\$3,119	\$3,150	\$1,322	\$937	\$981	\$1,017	\$1,060	\$1,097	\$1,140	\$706	
	2.375 (Default)	2007+	\$1,456	\$1,471	\$1,487	\$3,119	\$3,150	\$1,322	\$937	\$981	\$1,017	\$1,060	\$1,097	\$1,140	\$706	
	2.374-1.3	2007-2010+	\$1,692	\$1,708	\$1,723	\$3,356	\$3,387	\$1,559	\$1,174	\$1,217	\$1,254	\$1,297	\$1,334	\$1,377	\$943	
	1.299-0.201	2007-2010+	\$2,162	\$2,177	\$2,193	\$3,825	\$3,856	\$2,028	\$1,643	\$1,686	\$1,723	\$1,766	\$1,803	\$1,846	\$1,412	\$706
	0.2 or Less	2007-2010+	\$2,400	\$2,416	\$2,432	\$4,064	\$4,095	\$2,267	\$1,882	\$1,925	\$1,962	\$2,005	\$2,042	\$2,085	\$1,651	\$945

\*If engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**APPENDIX D: 7-YEAR ACTIVITY LIFE ON-ROAD HEAVY-DUTY DIESEL  
VEHICLES ELIGIBLE WEIGHT CATEGORIES, MODEL YEARS, AND  
MAXIMUM REBATE GRANT AMOUNTS**

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## Set A-7: 75-100% Usage In Eligible Counties 8,501-10,000 GVWR

### Maximum Rebate Grant Amounts Based on 7-year Activity Life On-Road Heavy-Duty Diesel Vehicle

*(Beginning with model year 2004, vehicles between 8,500 and 10,000lb GVWR that are used primarily for passenger use were reclassified to Medium Duty Passenger Vehicles (MDPV) vehicles. These are primarily vans and SUVs and are not eligible for the rebate program.)*

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV2b		GVWR (lbs): 8,501 - 10,000						
		Baseline (old) Engine Emissions Model Year								
		Years	pre 1982	1982 - 1987	1988 - 1989	1990	1991 - 1992	1993 - 1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NO <sub>x</sub> Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$3,008	\$2,822	\$4,498					
	5.0 (Repowers Only)	1991-1992	\$3,965	\$3,779	\$5,455					
	5.0 (Repowers Only)	1993-1997	\$4,009	\$3,823	\$5,498					
	4.0 (Repowers Only)	1998-2003	\$4,957	\$4,771	\$6,447	\$1,949				
	2.375 (Repowers Only)	2004-2006	\$6,498	\$6,312	\$7,988	\$3,490	\$2,533	\$2,489	\$1,541	
	2.375 (Default)	2007+	\$6,498	\$6,312	\$7,988	\$3,490	\$2,533	\$2,489	\$1,541	
	2.374-1.3	2007-2010+	\$7,015	\$6,829	\$8,504	\$4,007	\$3,050	\$3,006	\$2,058	
	1.299-0.201	2007-2010+	\$8,039	\$7,853	\$9,528	\$5,031	\$4,074	\$4,030	\$3,082	\$1,541
	0.2 or Less	2007-2010+	\$8,561	\$8,374	\$10,050	\$5,552	\$4,595	\$4,552	\$3,603	\$2,063

\*If engine certification is not known, then use the default value 2.375 g/bhp-hr.

## Set A-7: 75-100% Usage In Eligible Counties 10,001-14,000 GVWR

### Maximum Rebate Grant Amounts

### Based on 7-year Activity Life

### On-Road Heavy-Duty Diesel Vehicle

Please read the instructions provided on a separate sheet before using this table.

Vehicle Class: HDDV3		GVWR (lbs): 10,001 - 14,000						
		Baseline (old) Engine Emissions Model Year						
		Years	pre 1988	1988-1989	1990	1991-1997	1998 - 2003	2004-2006
<b>Replacement (new) Engine Certified NO<sub>x</sub> Emissions (g/bhp-hr)</b>	<b>6.0</b> <small>(Repowers Only)</small>	1990	\$10,480	\$5,433				
	<b>5.0</b> <small>(Repowers Only)</small>	1991-1997	\$11,635	\$6,589				
	<b>4.0</b> <small>(Repowers Only)</small>	1998-2003	\$12,791	\$7,745	\$2,312			
	<b>2.375</b> <small>(Repowers Only)</small>	2004-2006	\$14,670	\$9,623	\$4,190	\$3,034	\$1,878	
	<b>2.375</b> <small>(Default)</small>	2007+	\$14,670	\$9,623	\$4,190	\$3,034	\$1,878	
	<b>2.374-1.3</b>	2007-2010+	\$15,300	\$10,253	\$4,820	\$3,664	\$2,508	
	<b>1.299-0.201</b>	2007-2010+	\$16,548	\$11,502	\$6,069	\$4,913	\$3,757	\$1,878
	<b>0.2 or Less</b>	2007-2010+	\$17,184	\$12,138	\$6,705	\$5,549	\$4,393	\$2,514

\*If engine certification is not known, then use the default value 2.375 g/bhp-hr.

**Set A-7: 75-100% Usage In Eligible Counties  
14,001-16,000 GVWR**

**Maximum Rebate Grant Amounts**

**Based on 7-year Activity Life**

**On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV4		GVWR (lbs): 14,001 - 16,000								
		Baseline (old) Engine Emissions Model Year										
		Years	pre 1988	1988	1989	1990	1991-1992	1993-1994	1995-1997	1998-2003	2004-2006	
<b>Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)</b>	<b>6.0</b> (Repowers Only)	<b>Replacement (new) Engine Emissions Model Year</b>	1990	\$11,639	\$8,365	\$8,239						
	<b>5.0</b> (Repowers Only)		1991-1992	\$13,451	\$10,177	\$10,051						
	<b>5.0</b> (Repowers Only)		1993-1994	\$13,509	\$10,236	\$10,110						
	<b>5.0</b> (Repowers Only)		1995-1997	\$13,568	\$10,295	\$10,169						
	<b>4.0</b> (Repowers Only)		1998-2003	\$15,286	\$12,013	\$11,887	\$3,647					
	<b>2.375</b> (Repowers Only)		2004-2006	\$18,077	\$14,804	\$14,678	\$6,439	\$4,627	\$4,568	\$4,509	\$2,791	
	<b>2.375</b> (Default)		2007+	\$18,077	\$14,804	\$14,678	\$6,439	\$4,627	\$4,568	\$4,509	\$2,791	
	<b>2.374-1.3</b>		2007-2010+	\$19,014	\$15,740	\$15,614	\$7,375	\$5,563	\$5,504	\$5,445	\$3,728	
	<b>1.299-0.201</b>		2007-2010+	\$20,869	\$17,596	\$17,470	\$9,230	\$7,418	\$7,359	\$7,301	\$5,583	\$2,791
	<b>0.2 or Less</b>		2007-2010+	\$21,814	\$18,540	\$18,414	\$10,175	\$8,363	\$8,304	\$8,245	\$6,528	\$3,736

\*If engine certification is not known, then use the default value 2.375 g/bhp-hr.

**Set A-7: 75-100% Usage In Eligible Counties  
16,001-19,500 GVWR**

**Maximum Rebate Grant Amounts**

**Based on 7-year Activity Life**

**On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV5		GVWR (lbs): 16,001 - 19,500										
		Baseline (old) Engine Emissions Model Year												
		Years	pre 1988	1988	1989	1990	1991	1992	1993	1994	1995	1996 - 1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$10,911	\$9,865	\$9,604									
	5.0 (Repowers Only)	1991	\$12,987	\$11,942	\$11,680									
	5.0 (Repowers Only)	1992	\$13,110	\$12,064	\$11,802									
	5.0 (Repowers Only)	1993	\$13,171	\$12,125	\$11,864									
	5.0 (Repowers Only)	1994	\$13,232	\$12,186	\$11,925									
	5.0 (Repowers Only)	1995	\$13,293	\$12,247	\$11,986									
	5.0 (Repowers Only)	1996-1997	\$13,415	\$12,369	\$12,108									
	4.0 (Repowers Only)	1998-2003	\$15,333	\$14,287	\$14,026	\$4,422								
	2.375 (Repowers Only)	2004-2006	\$18,449	\$17,404	\$17,142	\$7,538	\$5,462	\$5,340	\$5,279	\$5,217	\$5,156	\$5,034	\$3,116	
	2.375 (Default)	2007+	\$18,449	\$17,404	\$17,142	\$7,538	\$5,462	\$5,340	\$5,279	\$5,217	\$5,156	\$5,034	\$3,116	
	2.374-1.3	2007-2010+	\$19,494	\$18,449	\$18,187	\$8,584	\$6,507	\$6,385	\$6,324	\$6,263	\$6,202	\$6,079	\$4,162	
	1.299-0.201	2007-2010+	\$21,566	\$20,520	\$20,259	\$10,655	\$8,578	\$8,456	\$8,395	\$8,334	\$8,273	\$8,151	\$6,233	\$3,116
	0.2 or Less	2007-2010+	\$22,620	\$21,575	\$21,313	\$11,710	\$9,633	\$9,511	\$9,450	\$9,389	\$9,328	\$9,205	\$7,288	\$4,171

\*If engine certification is not known, then use the default value 2.375 g/bhp-hr.

**Set A-7: 75-100% Usage In Eligible Counties  
19,501-26,000 GVWR**

**Maximum Rebate Grant Amounts  
Based on 7-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

Vehicle Class: HDDV6      GVWR (lbs): 19,501 - 26,000																	
		Years	Baseline (old) Engine Emissions Model Year														
			pre 1981	1981	1982	1983	1984	1985	1986 - 1987	1988	1989	1990	1991 - 1993	1994 - 1995	1996 - 1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$12,598	\$11,674	\$10,883	\$10,620	\$10,356	\$10,224	\$10,092	\$11,543	\$11,411						
	5.0 (Repowers Only)	1991-1993	\$15,087	\$14,164	\$13,373	\$13,109	\$12,845	\$12,713	\$12,582	\$14,032	\$13,900						
	5.0 (Repowers Only)	1994-1995	\$15,149	\$14,226	\$13,434	\$13,171	\$12,907	\$12,775	\$12,643	\$14,094	\$13,962						
	5.0 (Repowers Only)	1996-1997	\$15,210	\$14,287	\$13,496	\$13,232	\$12,968	\$12,837	\$12,705	\$14,155	\$14,023						
	4.0 (Repowers Only)	1998-2003	\$17,601	\$16,678	\$15,887	\$15,623	\$15,359	\$15,227	\$15,096	\$16,546	\$16,414	\$5,004					
	2.375 (Repowers Only)	2004-2006	\$21,486	\$20,563	\$19,772	\$19,508	\$19,244	\$19,113	\$18,981	\$20,431	\$20,299	\$8,889	\$6,399	\$6,338	\$6,276	\$3,885	
	2.375 (Default)	2007+	\$21,486	\$20,563	\$19,772	\$19,508	\$19,244	\$19,113	\$18,981	\$20,431	\$20,299	\$8,889	\$6,399	\$6,338	\$6,276	\$3,885	
	2.374-1.3	2007-2010+	\$22,789	\$21,866	\$21,075	\$20,811	\$20,547	\$20,416	\$20,284	\$21,734	\$21,602	\$10,192	\$7,702	\$7,641	\$7,579	\$5,188	
	1.299-0.201	2007-2010+	\$25,371	\$24,448	\$23,657	\$23,393	\$23,130	\$22,998	\$22,866	\$24,316	\$24,185	\$12,774	\$10,284	\$10,223	\$10,161	\$7,770	\$3,885
	0.2 or Less	2007-2010+	\$26,686	\$25,763	\$24,972	\$24,708	\$24,445	\$24,313	\$24,181	\$25,631	\$25,499	\$14,089	\$11,599	\$11,538	\$11,476	\$9,085	\$5,200

\*If engine certification is not known, then use the default value 2.375 g/bhp-hr.

**Set A-7: 75-100% Usage In Eligible Counties  
26,001-33,000 GVWR**

**Maximum Rebate Grant Amounts**

**Based on 7-year Activity Life**

**On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV7      GVWR (lbs): 26,001 - 33,000													
		Baseline (old) Engine Emissions Model Year													
		Years	pre 1981	1981	1982	1983	1984	1985	1986 - 1987	1988 - 1989	1990	1991 - 1993	1994 - 1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$11,596	\$11,340	\$10,827	\$10,698	\$10,442	\$10,185	\$10,057	\$13,392					
	5.0 (Repowers Only)	1991-1993	\$14,473	\$14,216	\$13,703	\$13,575	\$13,318	\$13,062	\$12,934	\$16,268					
	5.0 (Repowers Only)	1994-1997	\$14,413	\$14,156	\$13,643	\$13,515	\$13,258	\$13,002	\$12,874	\$16,208					
	4.0 (Repowers Only)	1998-2003	\$17,301	\$17,045	\$16,532	\$16,403	\$16,147	\$15,891	\$15,762	\$19,097	\$5,705				
	2.375 (Repowers Only)	2004-2006	\$21,995	\$21,739	\$21,226	\$21,097	\$20,841	\$20,584	\$20,456	\$23,791	\$10,399	\$7,522	\$7,582	\$4,694	
	2.375 (Default)	2007+	\$21,995	\$21,739	\$21,226	\$21,097	\$20,841	\$20,584	\$20,456	\$23,791	\$10,399	\$7,522	\$7,582	\$4,694	
	2.374 - 1.3	2007-2010+	\$23,569	\$23,313	\$22,800	\$22,672	\$22,415	\$22,159	\$22,030	\$25,365	\$11,973	\$9,097	\$9,157	\$6,268	
	1.299-0.201	2007-2010+	\$26,689	\$26,432	\$25,919	\$25,791	\$25,535	\$25,278	\$25,150	\$28,484	\$15,093	\$12,216	\$12,276	\$9,388	\$4,694
	0.2 or Less	2007-2010+	\$28,278	\$28,021	\$27,508	\$27,380	\$27,123	\$26,867	\$26,739	\$30,073	\$16,682	\$13,805	\$13,865	\$10,976	\$6,283

\*If engine certification is not known, then use the default value 2.375 g/bhp-hr.

**Set A-7: 75-100% Usage In Eligible Counties  
33,001-60,000 GVWR**

**Maximum Rebate Grant Amounts  
Based on 7-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle  
Please read the instructions provided on a separate sheet before using this table**

		Vehicle Class: HDDV8a      GVWR (lbs): 33,001 - 60,000																		
		Baseline (old) Engine Emissions Model Year																		
		Years	pre 1981	1981	1982	1983	1984	1985	1986 - 1987	1988	1989	1990	1991	1992	1993	1994	1995	1996 - 1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$35,285	\$36,515	\$36,023	\$35,285	\$34,792	\$34,054	\$33,562	\$32,578	\$31,839									
	5.0 (Repowers Only)	1991	\$42,299	\$43,530	\$43,038	\$42,299	\$41,807	\$41,069	\$40,577	\$39,592	\$38,854									
	5.0 (Repowers Only)	1992	\$42,529	\$43,760	\$43,267	\$42,529	\$42,037	\$41,299	\$40,807	\$39,822	\$39,084									
	5.0 (Repowers Only)	1993	\$42,759	\$43,990	\$43,497	\$42,759	\$42,267	\$41,529	\$41,037	\$40,052	\$39,314									
	5.0 (Repowers Only)	1994	\$42,989	\$44,220	\$43,727	\$42,989	\$42,497	\$41,759	\$41,267	\$40,282	\$39,544									
	5.0 (Repowers Only)	1995	\$43,334	\$44,565	\$44,072	\$43,334	\$42,842	\$42,104	\$41,612	\$40,627	\$39,889									
	5.0 (Repowers Only)	1996-1997	\$43,564	\$44,795	\$44,302	\$43,564	\$43,072	\$42,334	\$41,842	\$40,857	\$40,119									
	4.0 (Repowers Only)	1998-2003	\$49,912	\$51,142	\$50,650	\$49,912	\$49,420	\$48,681	\$48,189	\$47,205	\$46,467	\$14,627								
	2.375 (Repowers Only)	2004-2006	\$60,227	\$61,457	\$60,965	\$60,227	\$59,735	\$58,996	\$58,504	\$57,520	\$56,782	\$24,942	\$17,928	\$17,698	\$17,468	\$17,238	\$16,893	\$16,663	\$10,315	
	2.375 (Default)	2007+	\$60,227	\$61,457	\$60,965	\$60,227	\$59,735	\$58,996	\$58,504	\$57,520	\$56,782	\$24,942	\$17,928	\$17,698	\$17,468	\$17,238	\$16,893	\$16,663	\$10,315	
	2.374-1.3	2007-2010+	\$63,686	\$64,917	\$64,424	\$63,686	\$63,194	\$62,456	\$61,964	\$60,979	\$60,241	\$28,402	\$21,387	\$21,157	\$20,927	\$20,697	\$20,352	\$20,122	\$13,774	
1.299-0.201	2007-2010+	\$70,542	\$71,772	\$71,280	\$70,542	\$70,050	\$69,311	\$68,819	\$67,835	\$67,096	\$35,257	\$28,242	\$28,012	\$27,782	\$27,552	\$27,207	\$26,978	\$20,630	\$10,315	
0.2 or Less	2007-2010+	\$74,033	\$75,263	\$74,771	\$74,033	\$73,541	\$72,802	\$72,310	\$71,326	\$70,588	\$38,748	\$31,734	\$31,504	\$31,274	\$31,044	\$30,699	\$30,469	\$24,121	\$13,806	

\*If engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set A-7: 75-100% Usage In Eligible Counties  
Greater than 60,000 GVWR**

**Maximum Rebate Grant Amounts  
Based on 7-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV8b      GVWR (lbs): Greater than 60,000																
		Baseline (old) Engine Emissions Model Year																
		Years	pre 1981	1981	1982 - 1983	1984 -1985	1986 - 1987	1988	1989	1990	1991	1992	1993	1994	1995	1996 - 1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$58,787	\$56,108	\$51,896	\$51,514	\$51,131	\$56,108	\$54,959									
	5.0 (Repowers Only)	1991	\$70,773	\$68,093	\$63,882	\$63,499	\$63,117	\$68,093	\$66,945									
	5.0 (Repowers Only)	1992	\$71,310	\$68,630	\$64,419	\$64,036	\$63,653	\$68,630	\$67,482									
	5.0 (Repowers Only)	1993	\$71,846	\$69,167	\$64,956	\$64,573	\$64,190	\$69,167	\$68,018									
	5.0 (Repowers Only)	1994	\$72,204	\$69,524	\$65,313	\$64,931	\$64,548	\$69,524	\$68,376									
	5.0 (Repowers Only)	1995	\$72,741	\$70,061	\$65,850	\$65,467	\$65,084	\$70,061	\$68,913									
	5.0 (Repowers Only)	1996-1997	\$73,278	\$70,598	\$66,387	\$66,004	\$65,621	\$70,598	\$69,449									
	4.0 (Repowers Only)	1998-2003	\$84,118	\$81,439	\$77,228	\$76,845	\$76,462	\$81,439	\$80,290	\$25,331								
	2.375 (Repowers Only)	2004-2006	\$101,735	\$99,055	\$94,844	\$94,461	\$94,078	\$99,055	\$97,907	\$42,947	\$30,962	\$30,425	\$29,888	\$29,531	\$28,994	\$28,457	\$17,616	
	2.375 (Default)	2007+	\$101,735	\$99,055	\$94,844	\$94,461	\$94,078	\$99,055	\$97,907	\$42,947	\$30,962	\$30,425	\$29,888	\$29,531	\$28,994	\$28,457	\$17,616	
	2.374-1.3	2007-2010+	\$107,643	\$104,963	\$100,752	\$100,369	\$99,986	\$104,963	\$103,815	\$48,856	\$36,870	\$36,333	\$35,797	\$35,439	\$34,902	\$34,365	\$23,525	
	1.299-0.201	2007-2010+	\$119,351	\$116,671	\$112,460	\$112,077	\$111,695	\$116,671	\$115,523	\$60,564	\$48,578	\$48,041	\$47,505	\$47,147	\$46,610	\$46,074	\$35,233	\$17,616
0.2 or Less	2007-2010+	\$125,314	\$122,634	\$118,423	\$118,040	\$117,657	\$122,634	\$121,485	\$66,526	\$54,540	\$54,004	\$53,467	\$53,109	\$52,573	\$52,036	\$41,195	\$23,579	

\*If engine certification is not known, then use the default value 2.375 g/bhp-hr.

**Set A-7: 75-100% Usage In Eligible Counties  
Transit or Urban Bus**

**Maximum Rebate Grant Amounts**

**Based on 7-year Activity Life**

**On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDBBT TRANSIT or URBAN BUS										
		Baseline (old) Engine Emissions Model Year										
		Years	pre 1981	1981	1982 - 1987	1988 - 1989	1990	1991 - 1992	1993 - 1995	1996 - 1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$15,138	\$17,426	\$18,800	\$40,314						
	5.0 (Repowers Only)	1991-1992	\$23,715	\$26,004	\$27,377	\$48,891						
	5.0 (Repowers Only)	1993-1995	\$23,608	\$25,897	\$27,270	\$48,784						
	5.0 (Repowers Only)	1996-1997	\$23,501	\$25,790	\$27,163	\$48,677						
	4.0 (Repowers Only)	1998-2003	\$32,121	\$34,410	\$35,783	\$57,297	\$16,984					
	2.375 (Repowers Only)	2004-2006	\$46,129	\$48,418	\$49,791	\$71,305	\$30,991	\$22,414	\$22,521	\$22,628	\$14,008	
	2.375 (Default)	2007+	\$46,129	\$48,418	\$49,791	\$71,305	\$30,991	\$22,414	\$22,521	\$22,628	\$14,008	
	2.374-1.3	2007-2010+	\$50,827	\$53,116	\$54,489	\$76,003	\$35,689	\$27,112	\$27,219	\$27,326	\$18,706	
	1.299-0.201	2007-2010+	\$60,137	\$62,425	\$63,799	\$85,313	\$44,999	\$36,422	\$36,529	\$36,636	\$28,015	\$14,008
	0.2 or Less	2007-2010+	\$64,878	\$67,167	\$68,540	\$90,054	\$49,740	\$41,163	\$41,270	\$41,377	\$32,757	\$18,749

\*If engine certification is not known, then use the default value 2.375 g/bhp-hr.

**Set A-7: 75-100% Usage In Eligible Counties  
School Bus**

**Maximum Rebate Grant Amounts**

**Based on 7-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDBS SCHOOL BUS														
		Baseline (old) Engine Emissions Model Year														
		Years	pre 1981	1981	1982 - 1987	1988	1989	1990	1991	1992	1993	1994	1995	1996 - 1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$561	\$627	\$692	\$7,548	\$7,678									
	5.0 (Repowers Only)	1991	\$2,178	\$2,244	\$2,309	\$9,165	\$9,296									
	5.0 (Repowers Only)	1992	\$1,995	\$2,061	\$2,126	\$8,982	\$9,112									
	5.0 (Repowers Only)	1993	\$1,843	\$1,908	\$1,973	\$8,829	\$8,960									
	5.0 (Repowers Only)	1994	\$1,660	\$1,725	\$1,790	\$8,646	\$8,777									
	5.0 (Repowers Only)	1995	\$1,507	\$1,573	\$1,638	\$8,494	\$8,624									
	5.0 (Repowers Only)	1996-1997	\$1,324	\$1,389	\$1,455	\$8,311	\$8,441									
	4.0 (Repowers Only)	1998-2003	\$3,149	\$3,214	\$3,279	\$10,135	\$10,266	\$2,587								
	2.375 (Repowers Only)	2004-2006	\$6,114	\$6,179	\$6,244	\$13,100	\$13,231	\$5,552	\$3,935	\$4,118	\$4,271	\$4,454	\$4,606	\$4,789	\$2,965	
	2.375 (Default)	2007+	\$6,114	\$6,179	\$6,244	\$13,100	\$13,231	\$5,552	\$3,935	\$4,118	\$4,271	\$4,454	\$4,606	\$4,789	\$2,965	
	2.374-1.3	2007-2010+	\$7,108	\$7,173	\$7,239	\$14,094	\$14,225	\$6,547	\$4,930	\$5,113	\$5,265	\$5,448	\$5,601	\$5,784	\$3,959	
	1.299-0.201	2007-2010+	\$9,079	\$9,144	\$9,209	\$16,065	\$16,196	\$8,517	\$6,900	\$7,083	\$7,236	\$7,419	\$7,571	\$7,754	\$5,930	\$2,965
	0.2 or Less	2007-2010+	\$10,082	\$10,147	\$10,213	\$17,069	\$17,199	\$9,521	\$7,904	\$8,087	\$8,239	\$8,422	\$8,575	\$8,758	\$6,933	\$3,968

\*If engine certification is not known, then use the default value 2.375 g/bhp-hr.

**Set B-7: 50-74% Usage In Eligible Counties  
8,501 - 10,000 GVWR**

**Maximum Rebate Grant Amounts  
Based on 7-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV2b		GVWR (lbs): 8,501 - 10,000							
		Baseline (old) Engine Emissions Model Year									
		Years	pre 1982	1982 - 1987	1988 - 1989	1990	1991 - 1992	1993 - 1997	1998 - 2003	2004-2006	
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	Replacement (new) Engine Emissions Model Year	1990	\$2,006	\$1,881	\$2,999					
	5.0 (Repowers Only)		1991-1992	\$2,644	\$2,519	\$3,637					
	5.0 (Repowers Only)		1993-1997	\$2,673	\$2,548	\$3,666					
	4.0 (Repowers Only)		1998-2003	\$3,305	\$3,181	\$4,298	\$1,299				
	2.375 (Repowers Only)		2004-2006	\$4,332	\$4,208	\$5,325	\$2,326	\$1,688	\$1,659	\$1,027	
	2.375 (Default)		2007+	\$4,332	\$4,208	\$5,325	\$2,326	\$1,688	\$1,659	\$1,027	
	2.374-1.3		2007-2010+	\$4,677	\$4,553	\$5,670	\$2,671	\$2,033	\$2,004	\$1,372	
	1.299-0.201		2007-2010+	\$5,359	\$5,235	\$6,352	\$3,354	\$2,716	\$2,687	\$2,055	\$1,027
	0.2 or Less		2007-2010+	\$5,707	\$5,583	\$6,700	\$3,701	\$3,064	\$3,035	\$2,402	\$1,375

\*If the engine certification is not known, then use the default value of 2.375 g/bhp-hr.

## Set B-7: 50-74% Usage In Eligible Counties 10,001-14,000 GVWR

### Maximum Rebate Grant Amounts Based on 7-year Activity Life On-Road Heavy-Duty Diesel Vehicle

Please read the instructions provided on a separate sheet before using this table.

		Vehicle Class: HDDV3		GVWR (lbs): 10,001 - 14,000				
				Baseline (old) Engine Emissions Model Year				
		Years	pre 1988	1988-1989	1990	1991-1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$6,986	\$3,622				
	5.0 (Repowers Only)	1991-1997	\$7,757	\$4,393				
	4.0 (Repowers Only)	1998-2003	\$8,528	\$5,163	\$1,541			
	2.375 (Repowers Only)	2004-2006	\$9,780	\$6,416	\$2,794	\$2,023	\$1,252	
	2.375 (Default)	2007+	\$9,780	\$6,416	\$2,794	\$2,023	\$1,252	
	2.374-1.3	2007-2010+	\$10,200	\$6,836	\$3,214	\$2,443	\$1,672	
	1.299-0.201	2007-2010+	\$11,032	\$7,668	\$4,046	\$3,275	\$2,505	\$1,252
	0.2 or Less	2007-2010+	\$11,456	\$8,092	\$4,470	\$3,699	\$2,928	\$1,676

\*If the engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set B-7: 50-74% Usage In Eligible Counties  
14,001-16,000 GVWR**

**Maximum Rebate Grant Amounts  
Based on 7-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV4		GVWR (lbs): 14,001 - 16,000								
		Baseline (old) Engine Emissions Model Year										
		Years	pre 1988	1988	1989	1990	1991 - 1992	1993 - 1994	1995 - 1997	1998 - 2003	2004-2006	
<b>Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)</b>	<b>6.0</b> (Repowers Only)	<b>Replacement (new) Engine Emissions Model Year</b>	1990	\$7,759	\$5,577	\$5,493						
	<b>5.0</b> (Repowers Only)		1991-1992	\$8,967	\$6,785	\$6,701						
	<b>5.0</b> (Repowers Only)		1993-1994	\$9,006	\$6,824	\$6,740						
	<b>5.0</b> (Repowers Only)		1995-1997	\$9,045	\$6,863	\$6,779						
	<b>4.0</b> (Repowers Only)		1998-2003	\$10,191	\$8,009	\$7,925	\$2,432					
	<b>2.375</b> (Repowers Only)		2004-2006	\$12,052	\$9,869	\$9,786	\$4,293	\$3,085	\$3,045	\$3,006	\$1,861	
	<b>2.375</b> (Default)		2007+	\$12,052	\$9,869	\$9,786	\$4,293	\$3,085	\$3,045	\$3,006	\$1,861	
	<b>2.374-1.3</b>		2007-2010+	\$12,676	\$10,494	\$10,410	\$4,917	\$3,709	\$3,669	\$3,630	\$2,485	
	<b>1.299-0.201</b>		2007-2010+	\$13,913	\$11,730	\$11,646	\$6,153	\$4,946	\$4,906	\$4,867	\$3,722	\$1,861
	<b>0.2 or Less</b>		2007-2010+	\$14,542	\$12,360	\$12,276	\$6,783	\$5,575	\$5,536	\$5,497	\$4,352	\$2,491

\*If the engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set B-7: 50-74% Usage In Eligible Counties  
16,001-19,500 GVWR**

**Maximum Rebate Grant Amounts  
Based on 7-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV5		GVWR (lbs): 16,001 - 19,500										
		Baseline (old) Engine Emissions Model Year												
		Years	pre 1988	1988	1989	1990	1991	1992	1993	1994	1995	1996 - 1997	1998 - 2003	2004-2006
<b>Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)</b>	<b>6.0</b> (Repowers Only)	<b>1990</b>	\$7,274	\$6,577	\$6,402									
	<b>5.0</b> (Repowers Only)	<b>1991</b>	\$8,658	\$7,961	\$7,787									
	<b>5.0</b> (Repowers Only)	<b>1992</b>	\$8,740	\$8,043	\$7,868									
	<b>5.0</b> (Repowers Only)	<b>1993</b>	\$8,780	\$8,083	\$7,909									
	<b>5.0</b> (Repowers Only)	<b>1994</b>	\$8,821	\$8,124	\$7,950									
	<b>5.0</b> (Repowers Only)	<b>1995</b>	\$8,862	\$8,165	\$7,990									
	<b>5.0</b> (Repowers Only)	<b>1996-1997</b>	\$8,943	\$8,246	\$8,072									
	<b>4.0</b> (Repowers Only)	<b>1998-2003</b>	\$10,222	\$9,525	\$9,350	\$2,948								
	<b>2.375</b> (Repowers Only)	<b>2004-2006</b>	\$12,299	\$11,602	\$11,428	\$5,026	\$3,641	\$3,560	\$3,519	\$3,478	\$3,438	\$3,356	\$2,078	
	<b>2.375</b> (Default)	<b>2007+</b>	\$12,299	\$11,602	\$11,428	\$5,026	\$3,641	\$3,560	\$3,519	\$3,478	\$3,438	\$3,356	\$2,078	
	<b>2.374-1.3</b>	<b>2007-2010+</b>	\$12,996	\$12,299	\$12,125	\$5,722	\$4,338	\$4,257	\$4,216	\$4,175	\$4,134	\$4,053	\$2,774	
	<b>1.299-0.201</b>	<b>2007-2010+</b>	\$14,377	\$13,680	\$13,506	\$7,103	\$5,719	\$5,637	\$5,597	\$5,556	\$5,515	\$5,434	\$4,155	\$2,078
	<b>0.2 or Less</b>	<b>2007-2010+</b>	\$15,080	\$14,383	\$14,209	\$7,806	\$6,422	\$6,341	\$6,300	\$6,259	\$6,218	\$6,137	\$4,858	\$2,781

\*If the engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set B-7: 50-74% Usage In Eligible Counties  
19,501-26,000 GVWR**

**Maximum Rebate Grant Amounts  
Based on 7-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

Vehicle Class: HDDV6																	GVWR (lbs): 19,501 - 26,000				
		Baseline (old) Engine Emissions Model Year																			
		Years	pre 1981	1981	1982	1983	1984	1985	1986 - 1987	1988	1989	1990	1991 - 1993	1994 - 1995	1996 - 1997	1998 - 2003	2004-2006				
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$8,398	\$7,783	\$7,256	\$7,080	\$6,904	\$6,816	\$6,728	\$7,695	\$7,607										
	5.0 (Repowers Only)	1991-1993	\$10,058	\$9,443	\$8,915	\$8,739	\$8,563	\$8,476	\$8,388	\$9,355	\$9,267										
	5.0 (Repowers Only)	1994-1995	\$10,099	\$9,484	\$8,956	\$8,780	\$8,605	\$8,517	\$8,429	\$9,396	\$9,308										
	5.0 (Repowers Only)	1996-1997	\$10,140	\$9,525	\$8,997	\$8,821	\$8,646	\$8,558	\$8,470	\$9,437	\$9,349										
	4.0 (Repowers Only)	1998-2003	\$11,734	\$11,119	\$10,591	\$10,415	\$10,240	\$10,152	\$10,064	\$11,031	\$10,943	\$3,336									
	2.375 (Repowers Only)	2004-2006	\$14,324	\$13,709	\$13,181	\$13,005	\$12,830	\$12,742	\$12,654	\$13,621	\$13,533	\$5,926	\$4,266	\$4,225	\$4,184	\$2,590					
	2.375 (Default)	2007+	\$14,324	\$13,709	\$13,181	\$13,005	\$12,830	\$12,742	\$12,654	\$13,621	\$13,533	\$5,926	\$4,266	\$4,225	\$4,184	\$2,590					
	2.374-1.3	2007-2010+	\$15,193	\$14,577	\$14,050	\$13,874	\$13,698	\$13,610	\$13,522	\$14,490	\$14,402	\$6,794	\$5,135	\$5,094	\$5,053	\$3,459					
	1.299-0.201	2007-2010+	\$16,914	\$16,299	\$15,771	\$15,596	\$15,420	\$15,332	\$15,244	\$16,211	\$16,123	\$8,516	\$6,856	\$6,815	\$6,774	\$5,180	\$2,590				
	0.2 or Less	2007-2010+	\$17,791	\$17,175	\$16,648	\$16,472	\$16,296	\$16,208	\$16,121	\$17,088	\$17,000	\$9,392	\$7,733	\$7,692	\$7,651	\$6,057	\$3,467				

\*If the engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set B-7: 50-74% Usage In Eligible Counties  
26,001-33,000 GVWR**

**Maximum Rebate Grant Amounts  
Based on 7-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV7		GVWR (lbs): 26,001 - 33,000											
		Baseline (old) Engine Emissions Model Year													
		Years	pre 1981	1981	1982	1983	1984	1985	1986 - 1987	1988 - 1989	1990	1991 - 1993	1994 - 1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$7,731	\$7,560	\$7,218	\$7,132	\$6,961	\$6,790	\$6,705	\$8,928					
	5.0 (Repowers Only)	1991-1993	\$9,648	\$9,477	\$9,135	\$9,050	\$8,879	\$8,708	\$8,622	\$10,845					
	5.0 (Repowers Only)	1994-1997	\$9,608	\$9,437	\$9,095	\$9,010	\$8,839	\$8,668	\$8,582	\$10,805					
	4.0 (Repowers Only)	1998-2003	\$11,534	\$11,363	\$11,021	\$10,936	\$10,765	\$10,594	\$10,508	\$12,731	\$3,803				
	2.375 (Repowers Only)	2004-2006	\$14,663	\$14,492	\$14,150	\$14,065	\$13,894	\$13,723	\$13,637	\$15,860	\$6,933	\$5,015	\$5,055	\$3,129	
	2.375 (Default)	2007+	\$14,663	\$14,492	\$14,150	\$14,065	\$13,894	\$13,723	\$13,637	\$15,860	\$6,933	\$5,015	\$5,055	\$3,129	
	2.374-1.3	2007-2010+	\$15,713	\$15,542	\$15,200	\$15,114	\$14,943	\$14,772	\$14,687	\$16,910	\$7,982	\$6,064	\$6,104	\$4,179	
	1.299-0.201	2007-2010+	\$17,793	\$17,622	\$17,280	\$17,194	\$17,023	\$16,852	\$16,767	\$18,990	\$10,062	\$8,144	\$8,184	\$6,258	\$3,129
	0.2 or Less	2007-2010+	\$18,852	\$18,681	\$18,339	\$18,253	\$18,082	\$17,911	\$17,826	\$20,049	\$11,121	\$9,203	\$9,243	\$7,318	\$4,188

\*If the engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set B-7: 50-74% Usage In Eligible Counties  
33,001-60,000 GVWR**

**Maximum Rebate Grant Amounts  
Based on 7-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV8a      GVWR (lbs): 33,001 - 60,000																		
		Baseline (old) Engine Emissions Model Year																		
		Years	pre 1981	1981	1982	1983	1984	1985	1986 - 1987	1988	1989	1990	1991	1992	1993	1994	1995	1996 - 1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$23,523	\$24,343	\$24,015	\$23,523	\$23,195	\$22,703	\$22,375	\$21,718	\$21,226									
	5.0 (Repowers Only)	1991	\$28,199	\$29,020	\$28,692	\$28,199	\$27,871	\$27,379	\$27,051	\$26,395	\$25,903									
	5.0 (Repowers Only)	1992	\$28,353	\$29,173	\$28,845	\$28,353	\$28,025	\$27,533	\$27,204	\$26,548	\$26,056									
	5.0 (Repowers Only)	1993	\$28,506	\$29,326	\$28,998	\$28,506	\$28,178	\$27,686	\$27,358	\$26,702	\$26,209									
	5.0 (Repowers Only)	1994	\$28,659	\$29,480	\$29,152	\$28,659	\$28,331	\$27,839	\$27,511	\$26,855	\$26,363									
	5.0 (Repowers Only)	1995	\$28,889	\$29,710	\$29,382	\$28,889	\$28,561	\$28,069	\$27,741	\$27,085	\$26,593									
	5.0 (Repowers Only)	1996-1997	\$29,043	\$29,863	\$29,535	\$29,043	\$28,715	\$28,222	\$27,894	\$27,238	\$26,746									
	4.0 (Repowers Only)	1998-2003	\$33,275	\$34,095	\$33,767	\$33,275	\$32,946	\$32,454	\$32,126	\$31,470	\$30,978	\$9,751								
	2.375 (Repowers Only)	2004-2006	\$40,151	\$40,971	\$40,643	\$40,151	\$39,823	\$39,331	\$39,003	\$38,347	\$37,854	\$16,628	\$11,952	\$11,798	\$11,645	\$11,492	\$11,262	\$11,108	\$6,877	
	2.375 (Default)	2007+	\$40,151	\$40,971	\$40,643	\$40,151	\$39,823	\$39,331	\$39,003	\$38,347	\$37,854	\$16,628	\$11,952	\$11,798	\$11,645	\$11,492	\$11,262	\$11,108	\$6,877	
2.374-1.3	2007-2010+	\$42,457	\$43,278	\$42,950	\$42,457	\$42,129	\$41,637	\$41,309	\$40,653	\$40,161	\$18,934	\$14,258	\$14,105	\$13,951	\$13,798	\$13,568	\$13,415	\$9,183		
1.299-0.201	2007-2010+	\$47,028	\$47,848	\$47,520	\$47,028	\$46,700	\$46,207	\$45,879	\$45,223	\$44,731	\$23,505	\$18,828	\$18,675	\$18,522	\$18,368	\$18,138	\$17,985	\$13,753	\$6,877	
0.2 or Less	2007-2010+	\$49,355	\$50,176	\$49,847	\$49,355	\$49,027	\$48,535	\$48,207	\$47,551	\$47,058	\$25,832	\$21,156	\$21,002	\$20,849	\$20,696	\$20,466	\$20,312	\$16,081	\$9,204	

\*If the engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set B-7: 50-74% Usage In Eligible Counties  
Greater Than 60,000 GVWR**

**Maximum Rebate Grant Amounts  
Based on 7-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV8b      GVWR (lbs): Greater than 60,000																
		Baseline (old) Engine Emissions Model Year																
		Years	pre 1981	1981	1982 - 1983	1984 -1985	1986 - 1987	1988	1989	1990	1991	1992	1993	1994	1995	1996 - 1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$39,192	\$37,405	\$34,598	\$34,342	\$34,087	\$37,405	\$36,639									
	5.0 (Repowers Only)	1991	\$47,182	\$45,396	\$42,588	\$42,333	\$42,078	\$45,396	\$44,630									
	5.0 (Repowers Only)	1992	\$47,540	\$45,753	\$42,946	\$42,691	\$42,435	\$45,753	\$44,988									
	5.0 (Repowers Only)	1993	\$47,898	\$46,111	\$43,304	\$43,048	\$42,793	\$46,111	\$45,345									
	5.0 (Repowers Only)	1994	\$48,136	\$46,350	\$43,542	\$43,287	\$43,032	\$46,350	\$45,584									
	5.0 (Repowers Only)	1995	\$48,494	\$46,707	\$43,900	\$43,645	\$43,390	\$46,707	\$45,942									
	5.0 (Repowers Only)	1996-1997	\$48,852	\$47,065	\$44,258	\$44,003	\$43,747	\$47,065	\$46,300									
	4.0 (Repowers Only)	1998-2003	\$56,079	\$54,292	\$51,485	\$51,230	\$50,975	\$54,292	\$53,527	\$16,887								
	2.375 (Repowers Only)	2004-2006	\$67,823	\$66,037	\$63,229	\$62,974	\$62,719	\$66,037	\$65,271	\$28,632	\$20,641	\$20,283	\$19,926	\$19,687	\$19,329	\$18,971	\$11,744	
	2.375 (Default)	2007+	\$67,823	\$66,037	\$63,229	\$62,974	\$62,719	\$66,037	\$65,271	\$28,632	\$20,641	\$20,283	\$19,926	\$19,687	\$19,329	\$18,971	\$11,744	
2.374-1.3	2007-2010+	\$71,762	\$69,976	\$67,168	\$66,913	\$66,658	\$69,976	\$69,210	\$32,570	\$24,580	\$24,222	\$23,864	\$23,626	\$23,268	\$22,910	\$15,683		
1.299-0.201	2007-2010+	\$79,567	\$77,781	\$74,974	\$74,718	\$74,463	\$77,781	\$77,015	\$40,376	\$32,385	\$32,028	\$31,670	\$31,431	\$31,073	\$30,716	\$23,488	\$11,744	
0.2 or Less	2007-2010+	\$83,542	\$81,756	\$78,948	\$78,693	\$78,438	\$81,756	\$80,990	\$44,351	\$36,360	\$36,003	\$35,645	\$35,406	\$35,048	\$34,691	\$27,463	\$15,719	

\*If the engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set B-7: 50-74% Usage In Eligible Counties  
Transit or Urban Bus**

**Maximum Rebate Grant Amounts**

**Based on 7-year Activity Life**

**On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDBT TRANSIT or URBAN BUS											
		Baseline (old) Engine Emissions Model Year											
		Years	pre 1981	1981	1982 - 1987	1988 - 1989	1990	1991 - 1992	1993 - 1995	1996 - 1997	1998 - 2003	2004-2006	
<b>Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)</b>	<b>6.0</b> (Repowers Only)	<b>Replacement (new) Engine Emissions Model Year</b>	1990	\$10,092	\$11,618	\$12,533	\$26,876						
	<b>5.0</b> (Repowers Only)		1991-1992	\$15,810	\$17,336	\$18,251	\$32,594						
	<b>5.0</b> (Repowers Only)		1993-1995	\$15,739	\$17,265	\$18,180	\$32,523						
	<b>5.0</b> (Repowers Only)		1996-1997	\$15,667	\$17,193	\$18,109	\$32,451						
	<b>4.0</b> (Repowers Only)		1998-2003	\$21,414	\$22,940	\$23,855	\$38,198	\$11,322					
	<b>2.375</b> (Repowers Only)		2004-2006	\$30,753	\$32,278	\$33,194	\$47,537	\$20,661	\$14,943	\$15,014	\$15,085	\$9,338	
	<b>2.375</b>		2007+ (Default)	\$30,753	\$32,278	\$33,194	\$47,537	\$20,661	\$14,943	\$15,014	\$15,085	\$9,338	
	<b>2.374-1.3</b>		2007-2010+	\$33,885	\$35,410	\$36,326	\$50,669	\$23,793	\$18,075	\$18,146	\$18,217	\$12,470	
	<b>1.299-0.201</b>		2007-2010+	\$40,091	\$41,617	\$42,532	\$56,875	\$29,999	\$24,281	\$24,352	\$24,424	\$18,677	\$9,338
	<b>0.2 or Less</b>		2007-2010+	\$43,252	\$44,778	\$45,693	\$60,036	\$33,160	\$27,442	\$27,513	\$27,584	\$21,838	\$12,499

\*If the engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set B-7: 50-74% Usage In Eligible Counties  
School Bus**

**Maximum Rebate Grant Amounts**

**Based on 7-year Activity Life**

**On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDBS SCHOOL BUS														
		Baseline (old) Engine Emissions Model Year														
		Years	pre 1981	1981	1982 - 1987	1988	1989	1990	1991	1992	1993	1994	1995	1996 - 1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$374	\$418	\$461	\$5,032	\$5,119									
	5.0 (Repowers Only)	1991	\$1,452	\$1,496	\$1,539	\$6,110	\$6,197									
	5.0 (Repowers Only)	1992	\$1,330	\$1,374	\$1,417	\$5,988	\$6,075									
	5.0 (Repowers Only)	1993	\$1,229	\$1,272	\$1,316	\$5,886	\$5,973									
	5.0 (Repowers Only)	1994	\$1,107	\$1,150	\$1,194	\$5,764	\$5,851									
	5.0 (Repowers Only)	1995	\$1,005	\$1,048	\$1,092	\$5,662	\$5,750									
	5.0 (Repowers Only)	1996-1997	\$883	\$926	\$970	\$5,540	\$5,627									
	4.0 (Repowers Only)	1998-2003	\$2,099	\$2,143	\$2,186	\$6,757	\$6,844	\$1,725								
	2.375 (Repowers Only)	2004-2006	\$4,076	\$4,119	\$4,163	\$8,733	\$8,820	\$3,702	\$2,623	\$2,745	\$2,847	\$2,969	\$3,071	\$3,193	\$1,977	
	2.375 (Default)	2007+	\$4,076	\$4,119	\$4,163	\$8,733	\$8,820	\$3,702	\$2,623	\$2,745	\$2,847	\$2,969	\$3,071	\$3,193	\$1,977	
2.374-1.3	2007-2010+	\$4,739	\$4,782	\$4,826	\$9,396	\$9,483	\$4,364	\$3,286	\$3,408	\$3,510	\$3,632	\$3,734	\$3,856	\$2,640		
1.299-0.201	2007-2010+	\$6,052	\$6,096	\$6,139	\$10,710	\$10,797	\$5,678	\$4,600	\$4,722	\$4,824	\$4,946	\$5,048	\$5,170	\$3,953	\$1,977	
0.2 or Less	2007-2010+	\$6,721	\$6,765	\$6,808	\$11,379	\$11,466	\$6,347	\$5,269	\$5,391	\$5,493	\$5,615	\$5,717	\$5,839	\$4,622	\$2,646	

\*If the engine certification is not known, then use the default value of 2.375 g/bhp-hr.

## Set C-7: 25-49% Usage in Eligible Counties 8,501 - 10,000 GVWR

### Maximum Rebate Grant Amounts Based on 7-year Activity Life On-Road Heavy-Duty Diesel Vehicle

*(Beginning with model year 2004, vehicles between 8,500 and 10,000lb GVWR that are used primarily for passenger use were reclassified to Medium Duty Passenger Vehicles (MDPV) vehicles. These are primarily vans and SUVs and are not eligible for the rebate program.)*

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV2b		GVWR (lbs): 8,501 - 10,000							
		Baseline (old) Engine Emissions Model Year									
		Years	pre 1982	1982 - 1987	1988 - 1989	1990	1991 - 1992	1993 - 1997	1998 - 2003	2004-2006	
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	Replacement (new) Engine Emissions Model Year	1990	\$1,003	\$941	\$1,499					
	5.0 (Repowers Only)		1991-1992	\$1,322	\$1,260	\$1,818					
	5.0 (Repowers Only)		1993-1997	\$1,336	\$1,274	\$1,833					
	4.0 (Repowers Only)		1998-2003	\$1,652	\$1,590	\$2,149	\$650				
	2.375 (Repowers Only)		2004-2006	\$2,166	\$2,104	\$2,663	\$1,163	\$844	\$830	\$514	
	2.375 (Default)		2007+	\$2,166	\$2,104	\$2,663	\$1,163	\$844	\$830	\$514	
	2.374-1.3		2007-2010+	\$2,338	\$2,276	\$2,835	\$1,336	\$1,017	\$1,002	\$686	
	1.299-0.201		2007-2010+	\$2,680	\$2,618	\$3,176	\$1,677	\$1,358	\$1,343	\$1,027	\$514
	0.2 or Less		2007-2010+	\$2,854	\$2,791	\$3,350	\$1,851	\$1,532	\$1,517	\$1,201	\$688

\*If engine certification is not known, then use the default value of 2.375 g/bhp-hr.

## Set C-7: 25-49% Usage In Eligible Counties 10,001 - 14,000 GVWR

### Maximum Rebate Grant Amounts Based on 7-year Activity Life On-Road Heavy-Duty Diesel Vehicle

Please read the instructions provided on a separate sheet before using this table.

Vehicle Class: HDDV3			GVWR (lbs): 10,001 - 14,000						
			Baseline (old) Engine Emissions Model Year						
			Years	pre 1988	1988-1989	1990	1991-1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	Replacement (new) Engine Emissions Model Year	1990	\$3,493	\$1,811				
	5.0 (Repowers Only)		1991-1997	\$3,878	\$2,196				
	5.0 (Repowers Only)		1997	\$3,878	\$2,196				
	4.0 (Repowers Only)		1998-2003	\$4,264	\$2,582	\$771			
	2.375 (Repowers Only)		2004-2006	\$4,890	\$3,208	\$1,397	\$1,011	\$626	
	2.375 (Default)		2007+	\$4,890	\$3,208	\$1,397	\$1,011	\$626	
	2.374-1.3		2007-2010+	\$5,100	\$3,418	\$1,607	\$1,221	\$836	
	1.299-0.201		2007-2010+	\$5,516	\$3,834	\$2,023	\$1,638	\$1,252	\$626
	0.2 or Less		2007-2010+	\$5,728	\$4,046	\$2,235	\$1,850	\$1,464	\$838

\*If engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set C-7: 25-49% Usage In Eligible Counties  
14,001 - 16,000 GVWR**

**Maximum Rebate Grant Amounts  
Based on 7-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV4		GVWR (lbs): 14,001 - 16,000								
		Baseline (old) Engine Emissions Model Year										
		Years	pre 1988	1988	1989	1990	1991 - 1992	1993 - 1994	1995 - 1997	1998 - 2003	2004-2006	
<b>Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)</b>	6.0 (Repowers Only)	<b>Replacement (new) Engine Emissions Model Year</b>	1990	\$3,880	\$2,788	\$2,746						
	5.0 (Repowers Only)		1991-1992	\$4,484	\$3,392	\$3,350						
	5.0 (Repowers Only)		1993-1994	\$4,503	\$3,412	\$3,370						
	5.0 (Repowers Only)		1995-1997	\$4,523	\$3,432	\$3,390						
	4.0 (Repowers Only)		1998-2003	\$5,095	\$4,004	\$3,962	\$1,216					
	2.375 (Repowers Only)		2004-2006	\$6,026	\$4,935	\$4,893	\$2,146	\$1,542	\$1,523	\$1,503	\$930	
	2.375 (Default)		2007+	\$6,026	\$4,935	\$4,893	\$2,146	\$1,542	\$1,523	\$1,503	\$930	
	2.374-1.3		2007-2010+	\$6,338	\$5,247	\$5,205	\$2,458	\$1,854	\$1,835	\$1,815	\$1,243	
	1.299-0.201		2007-2010+	\$6,956	\$5,865	\$5,823	\$3,077	\$2,473	\$2,453	\$2,434	\$1,861	\$930
	0.2 or Less		2007-2010+	\$7,271	\$6,180	\$6,138	\$3,392	\$2,788	\$2,768	\$2,748	\$2,176	\$1,245

\*If engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set C-7: 25-49% Usage In Eligible Counties  
16,001 - 19,500 GVWR**

**Maximum Rebate Grant Amounts**

**Based on 7-year Activity Life**

**On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV5		GVWR (lbs): 16,001 - 19,500										
		Baseline (old) Engine Emissions Model Year												
		Years	pre 1988	1988	1989	1990	1991	1992	1993	1994	1995	1996 - 1997	1998 - 2003	2004-2006
<b>Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)</b>	<b>6.0 (Repowers Only)</b>	<b>1990</b>	\$3,637	\$3,288	\$3,201									
	<b>5.0 (Repowers Only)</b>	<b>1991</b>	\$4,329	\$3,981	\$3,893									
	<b>5.0 (Repowers Only)</b>	<b>1992</b>	\$4,370	\$4,021	\$3,934									
	<b>5.0 (Repowers Only)</b>	<b>1993</b>	\$4,390	\$4,042	\$3,955									
	<b>5.0 (Repowers Only)</b>	<b>1994</b>	\$4,411	\$4,062	\$3,975									
	<b>5.0 (Repowers Only)</b>	<b>1995</b>	\$4,431	\$4,082	\$3,995									
	<b>5.0 (Repowers Only)</b>	<b>1996-1997</b>	\$4,472	\$4,123	\$4,036									
	<b>4.0 (Repowers Only)</b>	<b>1998-2003</b>	\$5,111	\$4,762	\$4,675	\$1,474								
	<b>2.375 (Repowers Only)</b>	<b>2004-2006</b>	\$6,150	\$5,801	\$5,714	\$2,513	\$1,821	\$1,780	\$1,760	\$1,739	\$1,719	\$1,678	\$1,039	
	<b>2.375 (Default)</b>	<b>2007+</b>	\$6,150	\$5,801	\$5,714	\$2,513	\$1,821	\$1,780	\$1,760	\$1,739	\$1,719	\$1,678	\$1,039	
	<b>2.374-1.3</b>	<b>2007-2010+</b>	\$6,498	\$6,150	\$6,062	\$2,861	\$2,169	\$2,128	\$2,108	\$2,088	\$2,067	\$2,026	\$1,387	
	<b>1.299-0.201</b>	<b>2007-2010+</b>	\$7,189	\$6,840	\$6,753	\$3,552	\$2,859	\$2,819	\$2,798	\$2,778	\$2,758	\$2,717	\$2,078	\$1,039
	<b>0.2 or Less</b>	<b>2007-2010+</b>	\$7,540	\$7,192	\$7,104	\$3,903	\$3,211	\$3,170	\$3,150	\$3,130	\$3,109	\$3,068	\$2,429	\$1,390

\*If engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set C-7: 25-49% Usage In Eligible Counties  
19,501 - 26,000 GVWR**

**Maximum Rebate Grant Amounts  
Based on 7-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV6      GVWR (lbs): 19,501 - 26,000															
		Baseline (old) Engine Emissions Model Year															
		Years	pre 1981	1981	1982	1983	1984	1985	1986 - 1987	1988	1989	1990	1991 - 1993	1994 - 1995	1996 - 1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$4,199	\$3,891	\$3,628	\$3,540	\$3,452	\$3,408	\$3,364	\$3,848	\$3,804						
	5.0 (Repowers Only)	1991-1993	\$5,029	\$4,721	\$4,458	\$4,370	\$4,282	\$4,238	\$4,194	\$4,677	\$4,633						
	5.0 (Repowers Only)	1994-1995	\$5,050	\$4,742	\$4,478	\$4,390	\$4,302	\$4,258	\$4,214	\$4,698	\$4,654						
	5.0 (Repowers Only)	1996-1997	\$5,070	\$4,762	\$4,499	\$4,411	\$4,323	\$4,279	\$4,235	\$4,718	\$4,674						
	4.0 (Repowers Only)	1998-2003	\$5,867	\$5,559	\$5,296	\$5,208	\$5,120	\$5,076	\$5,032	\$5,515	\$5,471	\$1,668					
	2.375 (Repowers Only)	2004-2006	\$7,162	\$6,854	\$6,591	\$6,503	\$6,415	\$6,371	\$6,327	\$6,810	\$6,766	\$2,963	\$2,133	\$2,113	\$2,092	\$1,295	
	2.375 (Default)	2007+	\$7,162	\$6,854	\$6,591	\$6,503	\$6,415	\$6,371	\$6,327	\$6,810	\$6,766	\$2,963	\$2,133	\$2,113	\$2,092	\$1,295	
	2.374-1.3	2007-2010+	\$7,596	\$7,289	\$7,025	\$6,937	\$6,849	\$6,805	\$6,761	\$7,245	\$7,201	\$3,397	\$2,567	\$2,547	\$2,526	\$1,729	
	1.299-0.201	2007-2010+	\$8,457	\$8,149	\$7,886	\$7,798	\$7,710	\$7,666	\$7,622	\$8,105	\$8,062	\$4,258	\$3,428	\$3,408	\$3,387	\$2,590	\$1,295
	0.2 or Less	2007-2010+	\$8,895	\$8,588	\$8,324	\$8,236	\$8,148	\$8,104	\$8,060	\$8,544	\$8,500	\$4,696	\$3,866	\$3,846	\$3,825	\$3,028	\$1,733

\*If engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set C-7: 25-49% Usage In Eligible Counties  
26,001 - 33,000 GVWR**

**Maximum Rebate Grant Amounts**

**Based on 7-year Activity Life**

**On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV7      GVWR (lbs): 26,001 - 33,000													
		Baseline (old) Engine Emissions Model Year													
		Years	pre 1981	1981	1982	1983	1984	1985	1986 - 1987	1988 - 1989	1990	1991 - 1993	1994 - 1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$3,865	\$3,780	\$3,609	\$3,566	\$3,481	\$3,395	\$3,352	\$4,464					
	5.0 (Repowers Only)	1991-1993	\$4,824	\$4,739	\$4,568	\$4,525	\$4,439	\$4,354	\$4,311	\$5,423					
	5.0 (Repowers Only)	1994-1997	\$4,804	\$4,719	\$4,548	\$4,505	\$4,419	\$4,334	\$4,291	\$5,403					
	4.0 (Repowers Only)	1998-2003	\$5,767	\$5,682	\$5,511	\$5,468	\$5,382	\$5,297	\$5,254	\$6,366	\$1,902				
	2.375 (Repowers Only)	2004-2006	\$7,332	\$7,246	\$7,075	\$7,032	\$6,947	\$6,861	\$6,819	\$7,930	\$3,466	\$2,507	\$2,527	\$1,565	
	2.375 (Default)	2007+	\$7,332	\$7,246	\$7,075	\$7,032	\$6,947	\$6,861	\$6,819	\$7,930	\$3,466	\$2,507	\$2,527	\$1,565	
	2.374-1.3	2007-2010+	\$7,856	\$7,771	\$7,600	\$7,557	\$7,472	\$7,386	\$7,343	\$8,455	\$3,991	\$3,032	\$3,052	\$2,089	
	1.299-0.201	2007-2010+	\$8,896	\$8,811	\$8,640	\$8,597	\$8,512	\$8,426	\$8,383	\$9,495	\$5,031	\$4,072	\$4,092	\$3,129	\$1,565
	0.2 or Less	2007-2010+	\$9,426	\$9,340	\$9,169	\$9,127	\$9,041	\$8,956	\$8,913	\$10,024	\$5,561	\$4,602	\$4,622	\$3,659	\$2,094

\*If engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set C-7: 25-49% Usage In Eligible Counties  
33,001-60,000 GVWR**

**Maximum Rebate Grant Amounts  
Based on 7-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle  
Please read the instructions provided on a separate sheet before using this table**

		Vehicle Class: HDDV8a GVWR (lbs): 33,001 - 60,000																		
		Baseline (old) Engine Emissions Model Year																		
		Years	pre 1981	1981	1982	1983	1984	1985	1986 - 1987	1988	1989	1990	1991	1992	1993	1994	1995	1996 - 1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$11,762	\$12,172	\$12,008	\$11,762	\$11,597	\$11,351	\$11,187	\$10,859	\$10,613									
	5.0 (Repowers Only)	1991	\$14,100	\$14,510	\$14,346	\$14,100	\$13,936	\$13,690	\$13,526	\$13,197	\$12,951									
	5.0 (Repowers Only)	1992	\$14,176	\$14,587	\$14,422	\$14,176	\$14,012	\$13,766	\$13,602	\$13,274	\$13,028									
	5.0 (Repowers Only)	1993	\$14,253	\$14,663	\$14,499	\$14,253	\$14,089	\$13,843	\$13,679	\$13,351	\$13,105									
	5.0 (Repowers Only)	1994	\$14,330	\$14,740	\$14,576	\$14,330	\$14,166	\$13,920	\$13,756	\$13,427	\$13,181									
	5.0 (Repowers Only)	1995	\$14,445	\$14,855	\$14,691	\$14,445	\$14,281	\$14,035	\$13,871	\$13,542	\$13,296									
	5.0 (Repowers Only)	1996-1997	\$14,521	\$14,932	\$14,767	\$14,521	\$14,357	\$14,111	\$13,947	\$13,619	\$13,373									
	4.0 (Repowers Only)	1998-2003	\$16,637	\$17,047	\$16,883	\$16,637	\$16,473	\$16,227	\$16,063	\$15,735	\$15,489	\$4,876								
	2.375 (Repowers Only)	2004-2006	\$20,076	\$20,486	\$20,322	\$20,076	\$19,912	\$19,665	\$19,501	\$19,173	\$18,927	\$8,314	\$5,976	\$5,899	\$5,823	\$5,746	\$5,631	\$5,554	\$3,438	
	2.375 (Default)	2007+	\$20,076	\$20,486	\$20,322	\$20,076	\$19,912	\$19,665	\$19,501	\$19,173	\$18,927	\$8,314	\$5,976	\$5,899	\$5,823	\$5,746	\$5,631	\$5,554	\$3,438	
	2.374-1.3	2007-2010+	\$21,229	\$21,639	\$21,475	\$21,229	\$21,065	\$20,819	\$20,655	\$20,326	\$20,080	\$9,467	\$7,129	\$7,052	\$6,976	\$6,899	\$6,784	\$6,707	\$4,591	
	1.299-0.201	2007-2010+	\$23,514	\$23,924	\$23,760	\$23,514	\$23,350	\$23,104	\$22,940	\$22,612	\$22,365	\$11,752	\$9,414	\$9,337	\$9,261	\$9,184	\$9,069	\$8,993	\$6,877	\$3,438
0.2 or Less	2007-2010+	\$24,678	\$25,088	\$24,924	\$24,678	\$24,514	\$24,267	\$24,103	\$23,775	\$23,529	\$12,916	\$10,578	\$10,501	\$10,425	\$10,348	\$10,233	\$10,156	\$8,040	\$4,602	

\*If engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set C-7: 25-49% Usage In Eligible Counties  
Greater Than 60,000 GVWR**

**Maximum Rebate Grant Amounts  
Based on 7-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDV8b      GVWR (lbs): Greater than 60,000																
		Baseline (old) Engine Emissions Model Year																
		Years	pre 1981	1981	1982 - 1983	1984 -1985	1986 - 1987	1988	1989	1990	1991	1992	1993	1994	1995	1996 - 1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$19,596	\$18,703	\$17,299	\$17,171	\$17,044	\$18,703	\$18,320									
	5.0 (Repowers Only)	1991	\$23,591	\$22,698	\$21,294	\$21,166	\$21,039	\$22,698	\$22,315									
	5.0 (Repowers Only)	1992	\$23,770	\$22,877	\$21,473	\$21,345	\$21,218	\$22,877	\$22,494									
	5.0 (Repowers Only)	1993	\$23,949	\$23,056	\$21,652	\$21,524	\$21,397	\$23,056	\$22,673									
	5.0 (Repowers Only)	1994	\$24,068	\$23,175	\$21,771	\$21,644	\$21,516	\$23,175	\$22,792									
	5.0 (Repowers Only)	1995	\$24,247	\$23,354	\$21,950	\$21,822	\$21,695	\$23,354	\$22,971									
	5.0 (Repowers Only)	1996-1997	\$24,426	\$23,533	\$22,129	\$22,001	\$21,874	\$23,533	\$23,150									
	4.0 (Repowers Only)	1998-2003	\$28,039	\$27,146	\$25,743	\$25,615	\$25,487	\$27,146	\$26,763	\$8,444								
	2.375 (Repowers Only)	2004-2006	\$33,912	\$33,018	\$31,615	\$31,487	\$31,359	\$33,018	\$32,636	\$14,316	\$10,321	\$10,142	\$9,963	\$9,844	\$9,665	\$9,486	\$5,872	
	2.375 (Default)	2007+	\$33,912	\$33,018	\$31,615	\$31,487	\$31,359	\$33,018	\$32,636	\$14,316	\$10,321	\$10,142	\$9,963	\$9,844	\$9,665	\$9,486	\$5,872	
2.374-1.3	2007-2010+	\$35,881	\$34,988	\$33,584	\$33,456	\$33,329	\$34,988	\$34,605	\$16,285	\$12,290	\$12,111	\$11,932	\$11,813	\$11,634	\$11,455	\$7,842		
1.299-0.201	2007-2010+	\$39,784	\$38,890	\$37,487	\$37,359	\$37,232	\$38,890	\$38,508	\$20,188	\$16,193	\$16,014	\$15,835	\$15,716	\$15,537	\$15,358	\$11,744	\$5,872	
0.2 or Less	2007-2010+	\$41,771	\$40,878	\$39,474	\$39,347	\$39,219	\$40,878	\$40,495	\$22,175	\$18,180	\$18,001	\$17,822	\$17,703	\$17,524	\$17,345	\$13,732	\$7,860	

\*If engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set C-7: 25-49% Usage In Eligible Counties  
Transit or Urban Bus**

**Maximum Rebate Grant Amounts  
Based on 7-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle**

**Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDBT TRANSIT or URBAN BUS										
		Baseline (old) Engine Emissions Model Year										
		Years	pre 1981	1981	1982 - 1987	1988 - 1989	1990	1991 - 1992	1993 - 1995	1996 - 1997	1998 - 2003	2004-2006
<b>Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)</b>	<b>6.0</b> (Repowers Only)	<b>1990</b>	\$5,046	\$5,809	\$6,267	\$13,438						
	<b>5.0</b> (Repowers Only)	<b>1991-1992</b>	\$7,905	\$8,668	\$9,126	\$16,297						
	<b>5.0</b> (Repowers Only)	<b>1993-1995</b>	\$7,869	\$8,632	\$9,090	\$16,261						
	<b>5.0</b> (Repowers Only)	<b>1996-1997</b>	\$7,834	\$8,597	\$9,054	\$16,226						
	<b>4.0</b> (Repowers Only)	<b>1998-2003</b>	\$10,707	\$11,470	\$11,928	\$19,099	\$5,661					
	<b>2.375</b> (Repowers Only)	<b>2004-2006</b>	\$15,376	\$16,139	\$16,597	\$23,768	\$10,330	\$7,471	\$7,507	\$7,543	\$4,669	
	<b>2.375</b> (Default)	<b>2007+</b>	\$15,376	\$16,139	\$16,597	\$23,768	\$10,330	\$7,471	\$7,507	\$7,543	\$4,669	
	<b>2.374-1.3</b>	<b>2007-2010+</b>	\$16,942	\$17,705	\$18,163	\$25,334	\$11,896	\$9,037	\$9,073	\$9,109	\$6,235	
	<b>1.299-0.201</b>	<b>2007-2010+</b>	\$20,046	\$20,808	\$21,266	\$28,438	\$15,000	\$12,141	\$12,176	\$12,212	\$9,338	\$4,669
	<b>0.2 or Less</b>	<b>2007-2010+</b>	\$21,626	\$22,389	\$22,847	\$30,018	\$16,580	\$13,721	\$13,757	\$13,792	\$10,919	\$6,250

\*If engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**Set C-7: 25-49% Usage In Eligible Counties  
School Bus**

**Maximum Rebate Grant Amounts  
Based on 7-year Activity Life  
On-Road Heavy-Duty Diesel Vehicle  
Please read the instructions provided on a separate sheet before using this table.**

		Vehicle Class: HDDBS SCHOOL BUS														
		Baseline (old) Engine Emissions Model Year														
		Years	pre 1981	1981	1982 - 1987	1988	1989	1990	1991	1992	1993	1994	1995	1996 - 1997	1998 - 2003	2004-2006
Replacement (new) Engine Certified NOx Emissions (g/bhp-hr)	6.0 (Repowers Only)	1990	\$187	\$209	\$231	\$2,516	\$2,559									
	5.0 (Repowers Only)	1991	\$726	\$748	\$770	\$3,055	\$3,099									
	5.0 (Repowers Only)	1992	\$665	\$687	\$709	\$2,994	\$3,037									
	5.0 (Repowers Only)	1993	\$614	\$636	\$658	\$2,943	\$2,987									
	5.0 (Repowers Only)	1994	\$553	\$575	\$597	\$2,882	\$2,926									
	5.0 (Repowers Only)	1995	\$502	\$524	\$546	\$2,831	\$2,875									
	5.0 (Repowers Only)	1996-1997	\$441	\$463	\$485	\$2,770	\$2,814									
	4.0 (Repowers Only)	1998-2003	\$1,050	\$1,071	\$1,093	\$3,378	\$3,422	\$862								
	2.375 (Repowers Only)	2004-2006	\$2,038	\$2,060	\$2,081	\$4,367	\$4,410	\$1,851	\$1,312	\$1,373	\$1,424	\$1,485	\$1,535	\$1,596	\$988	
	2.375 (Default)	2007+	\$2,038	\$2,060	\$2,081	\$4,367	\$4,410	\$1,851	\$1,312	\$1,373	\$1,424	\$1,485	\$1,535	\$1,596	\$988	
	2.374-1.3	2007-2010+	\$2,369	\$2,391	\$2,413	\$4,698	\$4,742	\$2,182	\$1,643	\$1,704	\$1,755	\$1,816	\$1,867	\$1,928	\$1,320	
	1.299-0.201	2007-2010+	\$3,026	\$3,048	\$3,070	\$5,355	\$5,399	\$2,839	\$2,300	\$2,361	\$2,412	\$2,473	\$2,524	\$2,585	\$1,977	\$988
	0.2 or Less	2007-2010+	\$3,361	\$3,382	\$3,404	\$5,690	\$5,733	\$3,174	\$2,635	\$2,696	\$2,746	\$2,807	\$2,858	\$2,919	\$2,311	\$1,323

\*If engine certification is not known, then use the default value of 2.375 g/bhp-hr.

**APPENDIX E: 5-YEAR ACTIVITY LIFE NON-ROAD DIESEL ELIGIBLE  
MODEL YEARS, HORSEPOWER RANGES, AND MAXIMUM REBATE  
GRANT AMOUNTS**

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## SKID STEER LOADER 5-Year Activity Life

**Non-Road Diesel Skid Steer Loader  
Maximum Rebate Grant Amounts  
Based on 5-Year Activity Life**

**Note - Applicants must choose an Activity Life of either 5 or 7 years in the application. Refer to the table corresponding to the Activity Life chosen.**

**Instructions**

To find the maximum rebate grant amount for your project, find the horsepower range and model year range for the engine being replaced along the Baseline (old) Engine Emissions Model Year line. Then go down to the line corresponding to the Replacement (new) Engine Emissions Model Year of the replacement engine. The maximum rebate grant amounts are listed. Follow the instructions in the rebate grant application forms for entering this information. The shaded portions are model year ranges that do not meet the requirement that a project achieve at least a 25 percent reduction in NQ emissions. Also, certain model year ranges are not listed under some of the horsepower ranges. In those cases, the model year ranges were also determined to not be eligible within those horsepower ranges. Equipment 750 hp and over are also not eligible for a rebate grant, and should be applied for under the other TERP grant programs.

**Please Note:** You may replace a piece of equipment and/or engine from one horsepower range with one from a lower horsepower range. Use the rebate grant amount for the higher horsepower range in your rebate grant application. However, you may not replace a piece of equipment and/or engine from one horsepower range with one from a higher horsepower range. Please contact TERP staff with any questions, before you apply for a rebate grant.

		Baseline (old) Engine Emissions Model Year																		
Horsepower Range		25 - 49			50 - 99				100 - 174			175 - 299			300 - 599			600 - 749		
Years		pre-1999	pre-1998	1998-2003	2004-2007	pre-1997	1997-2002	2003-2006	pre-1996	1996-2002	2003-2005	pre-1996	1996-2000	2001-2005	pre-1996	1996-2001	2002-2005			
Replacement (new) Engine Emissions Model Year	1996 (Repowers Only)								\$3,880			\$7,972			\$12,883					
	1997-2000 (Repowers Only)					\$2,430			\$3,880			\$7,972			\$12,883					
	2001 (Repowers Only)					\$2,430			\$3,880			\$15,148	\$7,175		\$12,883					
	2002 (Repowers Only)					\$2,430			\$3,880			\$15,148	\$7,175		\$23,650	\$10,767				
	2003 (Repowers Only)					\$4,528	\$2,098		\$7,510	\$3,630		\$15,148	\$7,175		\$23,650	\$10,767				
	2004-2005 (Repowers Only)	\$475	\$1,769			\$4,528	\$2,098		\$7,510	\$3,630		\$15,148	\$7,175		\$23,650	\$10,767				
	2006 (Repowers Only)	\$475	\$1,769			\$4,528	\$2,098		\$10,428	\$6,548	\$2,918	\$20,391	\$12,419	\$5,243	\$31,518	\$18,635	\$7,868			
	2007 (Repowers Only)	\$475	\$1,769			\$6,215	\$3,785	\$1,687	\$10,428	\$6,548	\$2,918	\$20,391	\$12,419	\$5,243	\$31,518	\$18,635	\$7,868			
	2008-2010	\$475	\$2,782	\$1,817	\$1,014	\$6,215	\$3,785	\$1,687	\$10,428	\$6,548	\$2,918	\$20,391	\$12,419	\$5,243	\$31,518	\$18,635	\$7,868			
	2011+ 2.85 (g/bhp-hr)					\$6,215	\$3,785	\$1,687	\$10,428	\$6,548	\$2,918	\$20,391	\$12,419	\$5,243	\$31,518	\$18,635	\$7,868			
	2011+ 2.849-1.575 (g/bhp-hr)					\$6,811	\$4,381	\$2,283	\$11,459	\$7,579	\$3,950	\$22,347	\$14,375	\$7,200	\$34,454	\$21,570	\$10,804			
	2011+ 1.574-0.301 (g/bhp-hr)					\$8,002	\$5,572	\$3,474	\$13,520	\$9,640	\$6,010	\$26,255	\$18,283	\$11,108	\$40,318	\$27,435	\$16,668			
	2011+ 0.30 or Less (g/bhp-hr)					\$8,598	\$6,168	\$4,070	\$14,551	\$10,670	\$7,041	\$28,210	\$20,238	\$13,063	\$43,251	\$30,368	\$19,601			
	2011	\$475	\$2,782	\$1,817	\$1,014															





**APPENDIX F: 7-YEAR ACTIVITY LIFE NON-ROAD DIESEL ELIGIBLE  
MODEL YEARS, HORSEPOWER RANGES, AND MAXIMUM REBATE  
GRANT AMOUNTS**

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