

# Class 5 Trucks (GVWR: 16,001-19,500 pounds)

## Government Replacement or Repower Projects

|                                |                                |                                              | Model Year and Emission Standard of Old Engine <sup>3</sup> |           |                                |                                |                                |                                |
|--------------------------------|--------------------------------|----------------------------------------------|-------------------------------------------------------------|-----------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Old Ignition Type <sup>1</sup> | New Ignition Type <sup>1</sup> | New Emission Rate <sup>2</sup><br>(g/bhp-hr) | <2002-2003                                                  | 2004-2007 | 2007-2009<br>2.0<br>(g/bhp-hr) | 2007-2009<br>1.5<br>(g/bhp-hr) | 2007-2009<br>1.0<br>(g/bhp-hr) | 2007-2009<br>0.5<br>(g/bhp-hr) |
| CI                             | CI                             | 0.2                                          | \$62,000                                                    | \$35,500  | \$29,400                       | \$21,200                       | \$13,050                       | \$4,900                        |
|                                | CI                             | 0.02                                         | \$62,000                                                    | \$36,704  | \$30,833                       | \$23,053                       | \$15,273                       | \$7,493                        |
|                                | SI                             | 0.2                                          | \$74,800                                                    | \$42,829  | \$35,470                       | \$25,577                       | \$15,744                       | \$5,912                        |
|                                | SI                             | 0.02                                         | \$74,800                                                    | \$44,281  | \$37,198                       | \$27,812                       | \$18,426                       | \$9,040                        |

## Non-Government Replacement Projects

|                                |                                |                                              | Model Year and Emission Standard of Old Engine <sup>3</sup> |           |                                |                                |                                |                                |
|--------------------------------|--------------------------------|----------------------------------------------|-------------------------------------------------------------|-----------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Old Ignition Type <sup>1</sup> | New Ignition Type <sup>1</sup> | New Emission Rate <sup>2</sup><br>(g/bhp-hr) | <2002-2003                                                  | 2004-2007 | 2007-2009<br>2.0<br>(g/bhp-hr) | 2007-2009<br>1.5<br>(g/bhp-hr) | 2007-2009<br>1.0<br>(g/bhp-hr) | 2007-2009<br>0.5<br>(g/bhp-hr) |
| CI                             | CI                             | 0.2                                          | \$19,375                                                    | \$11,094  | \$9,188                        | \$6,625                        | \$4,078                        | \$1,531                        |
|                                | CI                             | 0.02                                         | \$19,375                                                    | \$11,470  | \$9,635                        | \$7,204                        | \$4,773                        | \$2,342                        |
|                                | SI                             | 0.2                                          | \$23,375                                                    | \$13,384  | \$11,084                       | \$7,993                        | \$4,920                        | \$1,847                        |
|                                | SI                             | 0.02                                         | \$23,375                                                    | \$13,838  | \$11,625                       | \$8,691                        | \$5,758                        | \$2,825                        |

<sup>1</sup>Ignition Types are as follows: CI = Compression-Ignition (e.g., Diesel), SI = Spark-Ignition (e.g., LPG, CNG), Zero = Zero emission vehicle (e.g., electric).

<sup>2</sup>The 0.2 g/bhp-hr NO<sub>x</sub> emission rate is the current EPA federal standard for new on-road heavy-duty vehicles. The 0.02 g/bhp-hr NO<sub>x</sub> emission rate is an optional California low-NO<sub>x</sub> standard.

<sup>3</sup>The 2010 EPA NO<sub>x</sub> emission rate standard for heavy-duty, compression ignition, on-road vehicles was phased-in from 2007 thru 2010. Engines produced during these years may have a range of NO<sub>x</sub> emission rates. If the EPA certified emission rate for an engine manufactured between 2007 and 2009 falls between one of the NO<sub>x</sub> emission rate values listed on the table, round up to the nearest listed value for the purposes of determining an eligible grant amount.

# Class 5 Trucks

## Non-Government Repower Projects

|                                |                                |                                              | Model Year and Emission Standard of Old Engine <sup>3</sup> |           |                                |                                |                                |                                |
|--------------------------------|--------------------------------|----------------------------------------------|-------------------------------------------------------------|-----------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Old Ignition Type <sup>1</sup> | New Ignition Type <sup>1</sup> | New Emission Rate <sup>2</sup><br>(g/bhp-hr) | <2002-2003                                                  | 2004-2007 | 2007-2009<br>2.0<br>(g/bhp-hr) | 2007-2009<br>1.5<br>(g/bhp-hr) | 2007-2009<br>1.0<br>(g/bhp-hr) | 2007-2009<br>0.5<br>(g/bhp-hr) |
| CI                             | CI                             | 0.2                                          | \$31,000                                                    | \$17,750  | \$14,700                       | \$10,600                       | \$6,525                        | \$2,450                        |
|                                | CI                             | 0.02                                         | \$31,000                                                    | \$18,352  | \$15,416                       | \$11,527                       | \$7,637                        | \$3,747                        |
|                                | SI                             | 0.2                                          | \$37,400                                                    | \$21,415  | \$17,735                       | \$12,788                       | \$7,872                        | \$2,956                        |
|                                | SI                             | 0.02                                         | \$37,400                                                    | \$22,141  | \$18,599                       | \$13,906                       | \$9,213                        | \$4,520                        |

<sup>1</sup>Ignition Types are as follows: CI = Compression-Ignition (e.g., Diesel), SI = Spark-Ignition (e.g., LPG, CNG), Zero = Zero emission vehicle (e.g., electric).

<sup>2</sup>The 0.2 g/bhp-hr NO<sub>x</sub> emission rate is the current EPA federal standard for new on-road heavy-duty vehicles. The 0.02 g/bhp-hr NO<sub>x</sub> emission rate is an optional California low-NO<sub>x</sub> standard.

<sup>3</sup>The 2010 EPA NO<sub>x</sub> emission rate standard for heavy-duty, compression ignition, on-road vehicles was phased-in from 2007 thru 2010. Engines produced during these years may have a range of NO<sub>x</sub> emission rates. If the EPA certified emission rate for an engine manufactured between 2007 and 2009 falls between one of the NO<sub>x</sub> emission rate values listed on the table, round up to the nearest listed value for the purposes of determining an eligible grant amount.