

# On-Road Truck and Bus Regulation

## Carl Moyer Program Implementation Charts

## Use with 2008 Carl Moyer Program Guidelines

This document is for informational purposes only.

ARB/Districts will determine project eligibility.

### Projects subject to the Statewide Truck & Bus Regulation

- Regulation affects diesel trucks over 14,000 GVWR
- School buses have separate PM-only requirements
- Small fleets (three or fewer trucks) that elect to use the optional small fleet compliance option must report their fleet information to ARB by January 31, 2011, then annually thereafter (unless the applicant uses the BACT Schedule compliance option).
- Prior to January 31, 2011, districts may accept an applicant's written declaration of small fleet status. Other documentation of fleet size may be required at the district's discretion, including DMV registration reports and insurance statements.
- After January 31, 2011, districts must contact ARB to verify fleet size and compliance status. Call the Diesel Hotline: (866) 6-DIESEL (866-634-3735) and you will be directed to the correct staff, or email [8666DIESEL@arb.ca.gov](mailto:8666DIESEL@arb.ca.gov).
- Grant recipients must not use BACT Percentage Limits or Fleet Averaging compliance options during the contract term.
- Projects must be surplus to the performance standards as well as the emission benefit analysis.
- Regulatory information can be found at:  
<http://www.arb.ca.gov/regact/2008/truckbus08/truckbus08.htm>

#### Retrofits

1. Small fleets (three or fewer trucks)
  - a. Highest level (level 3 PM & NOx) retrofit for engine model years 2004-2006.
  - b. Must be installed and in operation by Dec. 31, 2010.
  - c. Three year minimum project life; may extend to Dec. 31, 2013.
  - d. \$5,000 maximum; or \$20,000 maximum for retrofits that are 2007 emissions equivalent.
2. Large fleets (4 or more trucks)
  - a. Highest level (level 3 PM & NOx or greatest PM reduction & greatest NOx reduction) retrofit for engine model years 2005 & 2006.
  - b. Must be installed and in operation by Dec. 31, 2009.
  - c. Project life must extend to Dec. 31, 2012, with a three year min. project life.
  - d. \$5,000 maximum; or \$20,000 maximum for retrofits that are 2007 emissions equivalent.

#### New Purchase

1. Any fleet size
  - a. Must be certified to 0.84 g/bhp-hr NOx or less and 0.01 g/bhp-hr PM.
  - b. Must be under fully executed contract by Dec. 31, 2009, and in service by June 30, 2010.
  - c. Maximum funding amount is 25 percent of new purchase cost.

## Fleet Modernization

### **Available for small fleets only (three or fewer trucks)**

1. First, second, and third truck in a small fleet:
  - a. Minimum two year contract life
  - b. Contract must be fully executed by Dec. 31, 2011.
  - c. If contract is executed by Dec. 31, 2010:
    - i. 3 yr. project life (2011, 2012, 2013)
  - d. If contract is executed by Dec. 31, 2011:
    - i. 2 yr. project life (2012, 2013)
  
2. Extended contracting deadline for 2010 model year replacement truck
  - a. Applicant must not have received fleet mod funding since Dec, 11, 2008.
  - b. Contract must be fully executed by Dec. 31, 2012.
  - c. Cost-effectiveness based on two part project life:
    - i. Part 1: For project life portion before Jan. 1, 2014, use baseline emission factors for the existing engine model year
    - ii. Part 2: For project life on or after Jan 1, 2014, use baseline emission factors for a model year 2007 engine.
    - iii. See Guidelines Appendix E, Section II, Example 3 for an example
  - d. **Non targeted vocational projects with a max of 3 yr. project life:**
    - i. If contract is executed by Dec. 31, 2010:
      1. 3 yr. at Part 1 project life (2011, 2012, 2013)
      2. 0 yr. at Part 2 project life
    - ii. If contract is executed by Dec. 31, 2011:
      1. 2 yr. at Part 1 project life (2012, 2013)
      2. 1 yr. at Part 2 project life (2014)
    - iii. If contract is executed by Dec. 31, 2012:
      1. 1 yr. at Part 1 project life (2013)
      2. 2 yr. at Part 2 project life (2014, 2015)
  - e. **Targeted vocational projects with a max of 5 yr. project life:**
    - i. Vehicles operating in agricultural, construction, mining, forestry vocations, and public fleet vehicles in low-population areas as defined in the public fleet regulation adopted by the ARB in December 2005, may apply as a targeted vocation.
    - ii. If contract is executed by Dec. 31, 2010:
      1. 3 yr. at Part 1 project life (2011, 2012, 2013)
      2. 2 yr. at Part 2 project life (2014, 2015)
    - iii. If contract is executed by Dec. 31, 2011:
      1. 2 yr. at Part 1 project life (2012, 2013)
      2. 3 yr. at Part 2 project life (2014, 2015, 2016)
    - iv. If contract is executed by Dec. 31, 2012:
      1. 1 yr. at Part 1 project life (2013)
      2. 4 yr. at Part 2 project life (2014, 2015, 2016, 2017)

3. Agricultural vehicles
  - a. Any fleet size
  - b. Limited use vehicles (more than 10,000 & less than 15,000 miles per year) are eligible through Dec. 31 2013.
  - c. Low use vehicles (less than 10,000 miles per year) and specialty vehicles (as defined in the reg.) are eligible through Dec. 31, 2019.

Repower

No funding currently available.

# ARB On-Road Regulations Flow Chart

These regulations require reductions from DIESEL engines

For Use by ARB and Local Air District Staff Only – Do Not Forward to Applicants

