

Shuttle Buses – Large (29-40 feet in length)

Non-Government Replacement Projects

Model Year and Emission Standard of Old Vehicle³

Old Ignition Type ¹	New Ignition Type ¹	New Emission Rate ² (g/bhp-hr)	<2002-2003	2004-2007	2007-2009 2.0 (g/bhp-hr)	2007-2009 1.5 (g/bhp-hr)	2007-2009 1.0 (g/bhp-hr)	2007-2009 0.5 (g/bhp-hr)
CI	CI	0.2	\$35,000	\$19,983	\$16,517	\$11,898	\$7,279	\$2,659
	CI	0.02	\$35,000	\$20,704	\$17,404	\$13,007	\$8,609	\$4,212
	SI	0.2	\$33,333	\$19,031	\$15,730	\$11,331	\$6,932	\$2,533
	SI	0.02	\$33,333	\$19,718	\$16,575	\$12,387	\$8,199	\$4,011

Non-Government Repower Projects

Model Year and Emission Standard of Old Vehicle³

Old Ignition Type ¹	New Ignition Type ¹	New Emission Rate ² (g/bhp-hr)	<2002-2003	2004-2007	2007-2009 2.0 (g/bhp-hr)	2007-2009 1.5 (g/bhp-hr)	2007-2009 1.0 (g/bhp-hr)	2007-2009 0.5 (g/bhp-hr)
CI	CI	0.2	\$56,000	\$31,973	\$26,427	\$19,036	\$11,646	\$4,255
	CI	0.02	\$56,000	\$33,126	\$27,846	\$20,810	\$13,774	\$6,738
	SI	0.2	\$53,333	\$30,450	\$25,169	\$18,130	\$11,091	\$4,052
	SI	0.02	\$53,333	\$31,548	\$26,520	\$19,819	\$13,119	\$6,418

Non-Government Electric Projects with Optional Electric Infrastructure

Model Year and Emission Standard of Old Vehicle ³								
Old Ignition Type ¹	New Ignition Type ¹	New Emission Rate ² (g/bhp-hr)	<2002-2003	2004-2007	2007-2009 2.0 (g/bhp-hr)	2007-2009 1.5 (g/bhp-hr)	2007-2009 1.0 (g/bhp-hr)	2007-2009 0.5 (g/bhp-hr)
CI	Zero	0	\$102,500	\$60,853	\$51,241	\$38,431	\$25,621	\$12,810
Infrastructure	N/A	N/A	\$51,250	\$30,427	\$25,621	\$19,216	\$12,811	\$6,405

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

²The 0.2 g/bhp-hr NO_x emission rate is the current EPA federal standard for new on-road heavy-duty vehicles. The 0.02 g/bhp-hr NO_x emission rate is an optional California low-NO_x standard.

³The 2010 EPA NO_x 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_x emission rates. If the EPA certified emission rate for an engine manufactured between 2007 and 2009 falls between one of the NO_x emission rate values listed on the table, round up to the nearest listed value for the purposes of determining an eligible grant amount.