

**SUMMARY OF EXECUTIVE ORDERS FOR DIESEL AND CNG/LNG ENGINE CERTIFICATION DATA
HHD FOR CLASS 7 (GVWR 26,001 - 33,000 LBS) AND CLASS 8 (GVWR 33,001 LBS OR GREATER) TRUCKS
(updated August 8, 2013)**

A summary of engines eligible for funding under the Proposition 1B Program Guidelines is provided in Table 1. The list has been created from the Executive Orders published on the Air Resources Board website (<http://www.arb.ca.gov/html/eo.htm> and select number series A). This Table will allow various entities participating in the Program to view a list of engines that are eligible for projects funded by this Program. This Table will be periodically updated to add new engines becoming eligible and delete engines that are no longer eligible under the Program Guidelines. Though staff will work to update the Table to provide the most current information, it is the responsibility of the applicant to ensure that the truck uses a certified engine (from the most current Executive Order on the Air Resources Board website). Any questions related to the engine eligibility may be directed to the appropriate trade corridor liaison for the Proposition 1B Program at the Air Resources Board.

Engine Model Year	Manufacturer	Engine Family	Fuel Type	NOx FEL or STD	NOx CERT	PM CERT	BHP Range	Executive Order #
0.20 NOx (2010 Level)								
2013	CUMMINS	DCEXH0729XBA	CNG/LNG	0.20	0.15	0.003	320-400	A-021-0591
2013	CUMMINS	DCEXH0540LBH	CNG/LNG	0.20	0.13	0.002	250-320	A-021-0588
2013	CUMMINS	DCEXH0912XAU	DIESEL	0.20	0.18	0.000	444-600	A-021-0581
2013	CUMMINS	DCEXH0729XAE	DIESEL	0.20	0.19	0.001	315-379	A-021-0579
2013	DETROIT DIESEL	DDDXXH14.8EAD	DIESEL	0.20	0.09	0.005	455-505	A-290-0146
2013	DETROIT DIESEL	DDDXXH15.6GED	DIESEL	0.20	0.07	0.004	475-600	A-290-0145
2013	DETROIT DIESEL	DDDXXH14.8EED	DIESEL	0.20	0.09	0.003	455-505	A-290-0144
2013	DETROIT DIESEL	DDDXXH12.8FED	DIESEL	0.20	0.17	0.004	350-450	A-290-0143
2013	HINO MOTORS	DHMXH07.7JVB	DIESEL	0.20	0.19	0.007	260	A-031-0076
2013	NAVISTAR	DNVXH07570SB	DIESEL	0.20	0.20	0.001	365-475	A-004-0392
2013	PACCAR INC.	DPCR12.9M01	DIESEL	0.20	0.12	0.002	380-500	A-384-0004
2013	VOLVO	DVPTH12.8S01	DIESEL	0.20	0.12	0.003	375-505	A-242-0071-1
2013	VOLVO	DVPTH10.8S01	DIESEL	0.20	0.13	0.001	325-405	A-242-0070-1
2013	VOLVO	DVPTH12.8S01	DIESEL	0.20	0.12	0.003	375-505	A-242-0071
2013	VOLVO	DVPTH16.1S01	DIESEL	0.20	0.08	0.000	515-605	A-242-0072-1
2013	WESTPORT	DWFSH0912XAL	CNG/DIESEL	0.20	0.14	0.002	437-486	A-343-0009
2012	CUMMINS	CCEXH0540LBH	CNG/LNG	0.20	0.13	0.002	250-320	A-021-0563
2012	CUMMINS	CCEXH0729XAA	DIESEL	0.20	0.12	0.004	315-379	A-021-0574-1
2012	CUMMINS	CCEXH0912XAS	DIESEL	0.20	0.18	0.001	411-583	A-021-0567-1
2012	CUMMINS	CCEXH0729XAC	DIESEL	0.20	0.09	0.003	392-479	A-021-0572-1
2012	CUMMINS	CCEXH0729XAB	DIESEL	0.20	0.12	0.003	315-379	A-021-0573-1
2012	DOOSAN INFRACORE	CDICH11.1EFA	DIESEL	0.20	0.16	0.001	286	A-376-0008
2012	DETROIT DIESEL	CDDXXH15.6GED	DIESEL	0.20	0.13	0.003	475-600	A-290-0142-1
2012	DETROIT DIESEL	CDDXXH14.8EED	DIESEL	0.20	0.13	0.003	455-560	A-290-0141-1
2012	DETROIT DIESEL	CDDXXH12.8FED	DIESEL	0.20	0.17	0.003	380-500	A-290-0140-1
2012	PACCAR INC.	CPCR12.9M01	DIESEL	0.20	0.16	0.005	380-485	A-384-0003
2012	WESTPORT	CWFSH0912XAL	CNG/DIESEL	0.20	0.13	0.004	437-486	A-343-0008
2012	HINO MOTORS	CHMXH07.7JVB	DIESEL	0.20	0.19	0.007	260	A-031-0073
2012	VOLVO	CVPTH16.1S01	DIESEL	0.20	0.08	0.000	515-605	A-242-0069
2012	VOLVO	CVPTH10.8S01	DIESEL	0.20	0.13	0.001	325-405	A-242-0066

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HHD FOR CLASS 7 (GVWR 26,001 - 33,000 LBS) AND CLASS 8 (GVWR 33,001 LBS OR GREATER) TRUCKS
(updated August 8, 2013)**

Engine Model Year	Manufacturer	Engine Family	Fuel Type	NOx FEL or STD	NOx CERT	PM CERT	BHP Range	Executive Order #
2012	VOLVO	CVPTH10.8S02	DIESEL	0.20	0.12	0.001	325-405	A-242-0067
2012	VOLVO	CVPTH 12.8S01	DIESEL	0.20	0.12	0.003	375-505	A-242-0068
2011	DOOSAN INFRACORE	BDICH11.1 EFA	CNG	0.20	0.16	0.001	286	A-376-0005
2011	VOLVO	BVPTH10.8S02	DIESEL	0.20	0.12	0.001	325-405	A-242-0061-3
2011	VOLVO	BVPTH12.8S01	DIESEL	0.20	0.12	0.003	375-505	A-242-0062-2
2011	VOLVO	BVPTH16.1 S01	DIESEL	0.20	0.09	0.000	515-605	A-242-0063-2
2011	VOLVO	BVPTH10.8S01	DIESEL	0.20	0.13	0.001	325-405	A-242-0060-2
2011	HINO MOTORS	BHMXH07.7JVB	DIESEL	0.20	0.19	0.007	260	A-031-0070-1
2011	WESTPORT	BWFSH0912XAL	CNG/DIESEL	0.20	0.13	0.004	437-486	A-343-0007
2011	DETROIT DIESEL	BDDXH14.8EED	DIESEL	0.20	0.16	0.003	455-560	A-290-0138-1
2011	CUMMINS	BCEXH0912XAS	DIESEL	0.20	0.18	0.001	411-583	A-021-0545
2011	CUMMINS	BCEXH0540LBH	CNG/LNG	0.20	0.13	0.002	250-320	A-021-0537
2011	CUMMINS	BCEXH0729XAB	DIESEL	0.20	0.12	0.003	315-379	A-021-0540-1
2011	CUMMINS	BCEXH0729XAA	DIESEL	0.20	0.12	0.004	315-379	A-021-0539
2011	CUMMINS	BCEXH0729XAC	DIESEL	0.20	0.09	0.003	392-479	A-021-0541-1
2011	DETROIT DIESEL	BDDXH15.6GED	DIESEL	0.20	0.15	0.003	475-600	A-290-0139
2011	DETROIT DIESEL	BDDXH12.8FED	DIESEL	0.20	0.13	0.003	350-500	A-290-0137
2011	PACCAR INC.	BPCR12.9M01	DIESEL	0.20	0.16	0.005	280-485	A-384-0002
2010	CUMMINS	ACEXH0729XAA	DIESEL	0.20	0.12	0.004	315-379	A-021-0533-1
2010	CUMMINS	ACEXH0540LBE	CNG/LNG	0.20	0.10	0.009	320-250	A-021-0520
2010	CUMMINS	ACEXH0729XAC	DIESEL	0.20	0.09	0.003	392-432	A-021-0535-1
2010	CUMMINS	ACEXH0729XAB	DIESEL	0.20	0.12	0.003	392-432	A-021-0534-1
2010	DETROIT DIESEL	ADDXH15.6GED	DIESEL	0.20	0.12	0.000	308-364	A-290-0136
2010	DETROIT DIESEL	ADDXH12.8FED	DIESEL	0.20	0.14	0.002	225-298	A-290-0134
2010	DETROIT DIESEL	ADDXH14.8EED	DIESEL	0.20	0.15	0.003	279-334	A-290-0135
2010	DOOSAN INFRACORE	ADICH11.1EFA	DIESEL	0.20	0.16	0.001	286	A-376-0004
2010	HINO MOTORS	AHMXH07.7JJVB	DIESEL	0.20	0.19	0.008	260	A-031-0068
2010	PACCAR INC.	APCR12.9M01	DIESEL	0.20	0.16	0.005	360-455	A-384-0001
2010	VOLVO	AVPTH12.8S01	DIESEL	0.20	0.11	0.003	375-505	A-242-0055-1
2010	VOLVO	AVPTH16.1S01	DIESEL	0.20	0.09	0.000	515-605	A-242-0058
2010	VOLVO	AVPTH10.8S01	DIESEL	0.20	0.13	0.001	325-405	A-242-0056-1
2010	VOLVO	AVPTH10.8S02	DIESEL	0.20	0.12	0.001	345-405	A-242-0057-1
2010	WESTPORT	AWFSH0912XAL	CNG/DIESEL	0.20	0.13	0.000	437-486	A-343-0006
2009	CUMMINS	9CEXH0540LBE	CNG/LNG	0.20	0.11	0.010	250-320	A-021-0479
2008	CUMMINS	8CEXH0540LBE	CNG/LNG	0.20	0.10	0.010	250-320	A-021-0508

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(updated August 8, 2013)**

Engine Model Year	Manufacturer	Engine Family	Fuel Type	NOx FEL or STD	NOx CERT	PM CERT	BHP Range	Executive Order #
0.50 NOx								
2013	CUMMINS	DCEXH0912XAT	DIESEL	0.35	0.22	0.001	410-461	A-021-0578
2013	NAVISTAR	DNVXH07570GA	DIESEL	0.50	0.43	0.005	410-500	A-004-0387-1
2012	NAVISTAR	CNVXH07570GA	DIESEL	0.50	0.46	0.004	450-475	A-004-0385
2012	NAVISTAR	CNVXH07570GC	DIESEL	0.50	0.42	0.005	410-430	A-004-0386
2012	CUMMINS	CCEXH0540LAS	DIESEL	0.33	0.24	0.000	330-365	A-021-0565-1
2012	CUMMINS	CCEXH0912XAP	DIESEL	0.35	0.25	0.002	362-407	A-021-0570
2012	CUMMINS	CCEXH0912XAQ	DIESEL	0.24	0.24	0.002	411-452	A-021-0569-1
2012	CUMMINS	CCEXH0912XAR	DIESEL	0.25	0.18	0.001	516-592	A-021-0568-1
2012	NAVISTAR	CNVXH09280GB	DIESEL	0.50	0.46	0.010	475-550	A-004-0383-2
2012	NAVISTAR	CNVXH07570GB	DIESEL	0.50	0.43	0.005	410-500	A-004-0384-1
2012	NAVISTAR	CNVXH06410GA	DIESEL	0.50	0.48	0.004	330-390	A-004-0381-1
2012	NAVISTAR	CNVXH09280GA	DIESEL	0.50	0.44	0.004	435-450	A-004-0382-1
2011	NAVISTAR	BNVXH09280GB	DIESEL	0.50	0.46	0.010	500-550	A-004-0372-1
2011	VOLVO	BVPTH12.8S02	DIESEL	0.41	0.12	0.002	425-505	A-242-0065-2
2011	NAVISTAR	BNVXH07570GC	DIESEL	0.50	0.43	0.005	410-430	A-004-0371-2
2011	NAVISTAR	BNVXH09280GA	DIESEL	0.50	0.44	0.003	435-450	A-004-0369-1
2011	NAVISTAR	BNVXH07570GA	DIESEL	0.50	0.46	0.004	450-475	A-004-0370-1
2011	CUMMINS	BCEXH0540LAS	DIESEL	0.33	0.24	0.000	330-365	A-021-0554
2011	CUMMINS	BCEXH0912XAP	DIESEL	0.35	0.25	0.002	362-407	A-021-0542
2011	CUMMINS	BCEXH0912XAQ	DIESEL	0.30	0.24	0.002	411-452	A-021-0543-1
2011	CUMMINS	BCEXH0912XAR	DIESEL	0.35	0.18	0.001	516-592	A-021-0544-1
2011	NAVISTAR	ANVXH06410GA	DIESEL	0.50	0.48	0.004	330-390	A-004-0361
2010	NAVISTAR	BNVXH06410GA	DIESEL	0.50	0.48	0.004	330-390	A-004-0366
2011	NAVISTAR	BNVXH07570GB	DIESEL	0.50	0.43	0.005	410-500	A-004-0365-1
2010	CUMMINS	ACEXH0912XAP	DIESEL	0.35	0.25	0.002	362-407	A-021-0521-2
2010	CUMMINS	ACEXH0912XAR	DIESEL	0.35	0.18	0.001	516-583	A-021-0528-1
2010	CUMMINS	ACEXH0912XAQ	DIESEL	0.30	0.24	0.002	411-452	A-021-0522-1
2010	NAVISTAR	ANVXH07570GB	DIESEL	0.50	0.46	0.010	410-475	A-004-0357-1
2010	NAVISTAR	ANVXH07570GA	DIESEL	0.50	0.46	0.004	410-475	A-004-0360
2009	CUMMINS	9CEXH0912XAP	DIESEL	0.35	0.21	0.010	362-407	A-021-0513
2009	CUMMINS	9CEXH0912XAQ	DIESEL	0.30	0.20	0.010	411-452	A-021-0514
2009	NAVISTAR	9NVXH07570GB	DIESEL	0.50	0.50	0.010	410-475	A-004-0354-1

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HHD FOR CLASS 7 (GVWR 26,001 - 33,000 LBS) AND CLASS 8 (GVWR 33,001 LBS OR GREATER) TRUCKS**

(updated August 8, 2013)

Engine Model Year	Manufacturer	Engine Family	Fuel Type	NOx FEL or STD	NOx CERT	PM CERT	BHP Range	Executive Order #
1.20 NOx (2007 Level)								
2009	CATERPILLAR	9CPXH0763E1A	DIESEL	1.16	1.16	0.002	320-525	A-013-0197
2009	CATERPILLAR	9CPXH0928E1X	DIESEL	1.16	1.04	0.002	450-625	A-013-0196
2009	DETROIT DIESEL	9DDXH14.8EED	DIESEL	1.16	1.08	0.000	455-560	A-290-0129-2
2009	DETROIT DIESEL	9DDXH12.8DJD	DIESEL	1.16	1.08	0.003	370-450	A-290-0130-1
2009	DETROIT DIESEL	9DDXH14.0ELD	DEISEL	1.16	1.02	0.006	425-515	A-290-0131-1
2009	DETROIT DIESEL	9DDXH12.8FED	DIESEL	1.16	1.00	0.000	350-450	A-290-0133
2009	DOOSAN INFRACORE	9DICH11.1KFA	CNG	1.20	0.92	0.000	286	A-376-0001-2
2009	HINO MOTORS	9HMXH07.7JTW	DIESEL	1.20	1.16	0.010	260	A-031-0066
2009	NAVISTAR	9NVXH0757AGA	DIESEL	1.20	1.05	0.001	410-475	A-004-0334-1
2009	NAVISTAR	9NVXH0641AGA	DIESEL	1.20	1.06	0.001	330-390	A-004-0333-1
2009	VOLVO	9VPTH12.8H02	DIESEL	1.16	1.10	0.001	307-338	A-242-0051-1
2009	VOLVO	9VPTH16.1H01	DIESEL	1.16	1.02	0.002	408-524	A-242-0052-1
2009	VOLVO	9VPTH10.8H03	DIESEL	1.16	0.92	0.001	301-408	A-242-0053-1
2009	VOLVO	9VPTH10.8H04	DIESEL	1.16	0.96	0.001	270-408	A-242-0054-1
2009	WESTPORT	9WFSH0912XAL	CNG/DIESEL	0.80	0.74	0.005	400-450	A-343-0005
2008	CATERPILLAR	8CPXH0763E1A	DIESEL	1.16	1.04	0.004	320-525	A-013-0193-1
2008	CATERPILLAR	8CPXH0763E1C	DIESEL	1.16	0.94	0.004	320-350	A-013-0196
2008	CATERPILLAR	8CPXH0763E1B	DIESEL	1.16	1.04	0.003	365-485	A-013-0195
2008	CATERPILLAR	8CPXH0928E1X	DIESEL	1.16	0.85	0.007	450-625	A-013-0194-1
2008	CUMMINS	8CEXH0912XAL	DIESEL	1.15	1.12	0.010	450-525	A-021-0471-3
2009	CUMMINS (XAL family)	9CEXH0912XAL	DIESEL	1.15	1.12	0.010	450-525	A-021-0486
2008	DETROIT DIESEL	8DDXH14.0ELC	DIESEL	1.16	1.07	0.003	425-515	A-290-0126
2008	DETROIT DIESEL	8DDXH14.8EEC	DIESEL	1.16	1.09	0.004	455-530	A-290-0127
2008	DETROIT DIESEL	8DDXH12.8DJC	DIESEL	1.16	1.05	0.010	350-450	A-290-0128
2008	HINO MOTORS	8HMXH07.7JTW	DIESEL	1.20	1.16	0.008	260	A-031-0063
2008	INTERNATIONAL	8NVXH0641AGA	DIESEL	1.20	1.03	0.000	330-390	A-004-0326
2008	INTERNATIONAL	8NVXH0757AGA	DIESEL	1.20	1.05	0.001	410-475	A-004-0327
2008	VOLVO	8VPTH12.8H02	DIESEL	1.16	1.15	0.001	338	A-242-0050-2
2008	VOLVO	8VPTH16.1H01	DIESEL	1.16	1.02	0.002	408-524	A-242-0049-1
2008	VOLVO	8VPTH10.8H04	DIESEL	1.16	0.96	0.001	270-408	A-242-0048-1
2008	VOLVO	8VPTH10.8H03	DIESEL	1.16	0.92	0.001	301-408	A-242-0047-1
2008	WESTPORT	8WFSH0912XAL	CNG/DIESEL	0.80	0.74	0.005	400-450	A-343-0004-2
2007	CATERPILLAR	7CPXH0763E1K	DIESEL	1.16	1.00	0.003	525	A-013-0188
2007	CATERPILLAR	7CPXH0928E1K	DIESEL	1.16	0.80	0.010	490-550	A-013-0189-1
2007	DEERE POWER	7JDXH08.1065	CNG	1.16	0.82	0.003	275-280	A-108-0041
2007	DETROIT DIESEL	7DDXH14.0ELY	DIESEL	1.16	1.14	0.000	425-515	A-290-0124
2007	DETROIT DIESEL	7DDXH12.8DJA	DIESEL	1.16	1.07	0.000	350-450	A-290-0123

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(updated August 8, 2013)**

Engine Model Year	Manufacturer	Engine Family	Fuel Type	NOx FEL or STD	NOx CERT	PM CERT	BHP Range	Executive Order #
2007	HINO MOTORS	7HMXH07.7JTW	DIESEL	1.20	1.18	0.010	260	A-031-0059
2007	VOLVO	7VPTH16.1H01	DIESEL	1.16	1.02	0.002	408-524	A-242-0046
2007	VOLVO	7VPTH12.8H02	DIESEL	1.16	0.87	0.003	307-338	A-242-0045
2007	VOLVO	7VPTH10.8H04	DIESEL	1.16	0.98	0.001	301-408	A-242-0044
2007	VOLVO	7VPTH10.8H03	DIESEL	1.16	0.93	0.004	301-408	A-242-0043

DISCLAIMER: The purpose of the summary above is to provide a quick reference to an applicant applying for Proposition 1B funds to check if an engine being funded by the Program is eligible for the subsidy. The Air Resources Board has made reasonable efforts to ensure the accuracy of the summary and to keep it as current as possible. However, the applicant has the final responsibility to ensure that their engine choice has been certified by the most recent Air Resources Board Executive Order to meet the Program requirements. The Air Resources Board accepts no liability for the content of the summary, or for the consequences of any actions taken on the basis of the information provided in the summary.