

## Terminal Tractor: Projects replacing on-road terminal tractor or haul-truck

### 7-Year Activity Life

Use the Column corresponding to the Horsepower Range and Emissions Model Year of the engine being replaced

Note: For projects replacing a haul-truck with a terminal tractor, use the horsepower of the new terminal tractor

Use the Row corresponding to the Certified NO<sub>x</sub> Emissions Standard or Family Emissions Limit (FEL) of the replacement engine (if between the numbers listed, use the higher rate).

Replacement Engine Emissions Standard or FEL (g/bhp-hr)	Engine Being Replaced - Horsepower Range and Emissions Model Year								
	Note: For projects replacing a haul-truck with a terminal tractor, use the horsepower of the new terminal tractor								
	100 - 174								
pre-1989	1990	1991-1997	1998-2003	2004-2006	2007+	2007+	2007+	2007+	2007+
	10.700	6.000	5.000	4.000	2.375	2.375	1.500	0.500	0.200
7.200	\$33,600								
6.900	\$36,479								
6.745	\$37,967								
5.320	\$51,647								
4.655	\$58,031								
4.560	\$58,943								
3.325	\$70,799	\$25,680	\$16,080						
2.850	\$75,359	\$30,240	\$20,640	\$11,040					
2.500	\$78,719	\$33,600	\$24,000	\$14,400					
2.000	\$83,519	\$38,399	\$28,800	\$19,200					
1.500	\$88,319	\$43,199	\$33,600	\$24,000	\$8,400	\$8,400			
1.000	\$93,119	\$47,999	\$38,399	\$28,800	\$13,200	\$13,200	\$4,800		
0.300	\$99,839	\$54,719	\$45,119	\$35,519	\$19,920	\$19,920	\$11,520	\$1,920	
0.200	\$100,799	\$55,679	\$46,079	\$36,479	\$20,880	\$20,880	\$12,480	\$2,880	
0.000	\$102,719	\$57,599	\$47,999	\$38,399	\$22,800	\$22,800	\$14,400	\$4,800	\$1,920

Replacement Engine Emissions Standard or FEL (g/bhp-hr)	Engine Being Replaced - Horsepower Range and Emissions Model Year								
	Note: For projects replacing a haul-truck with a terminal tractor, use the horsepower of the new terminal tractor								
	175 - 299								
pre-1989	1990	1991-1997	1998-2003	2004-2006	2007+	2007+	2007+	2007+	2007+
	10.700	6.000	5.000	4.000	2.375	2.375	1.500	0.500	0.200
7.200	\$58,125								
6.900	\$63,107								
6.745	\$65,681								
5.320	\$89,346								
4.655	\$100,390								
4.560	\$101,967								
3.325	\$122,477	\$44,424	\$27,817						
2.850	\$130,365	\$52,312	\$35,705	\$19,098					
2.500	\$136,178	\$58,125	\$41,518	\$24,911					
2.000	\$144,481	\$66,428	\$49,821	\$33,214					
1.500	\$152,785	\$74,732	\$58,125	\$41,518	\$14,531	\$14,531			
1.000	\$161,088	\$83,035	\$66,428	\$49,821	\$22,835	\$22,835	\$8,304		
0.300	\$172,713	\$94,660	\$78,053	\$61,446	\$34,460	\$34,460	\$19,928	\$3,321	
0.200	\$174,374	\$96,321	\$79,714	\$63,107	\$36,120	\$36,120	\$21,589	\$4,982	
0.000	\$177,696	\$99,642	\$83,035	\$66,428	\$39,442	\$39,442	\$24,911	\$8,304	\$3,321

Replacement Engine Emissions Standard or FEL (g/bhp-hr)	Engine Being Replaced - Horsepower Range and Emissions Model Year								
	Note: For projects replacing a haul-truck with a terminal tractor, use the horsepower of the new terminal tractor								
	300-400								
pre-1989	1990	1991-1997	1998-2003	2004-2006	2007+	2007+	2007+	2007+	2007+
	10.700	6.000	5.000	4.000	2.375	2.375	1.500	0.500	0.200
7.200	\$85,838								
6.900	\$93,196								
6.745	\$96,997								
5.320	\$131,946								
4.655	\$148,255								
4.560	\$150,585								
3.325	\$180,873	\$65,605	\$41,080						
2.850	\$192,523	\$77,254	\$52,729	\$28,204					
2.500	\$201,107	\$85,838	\$61,313	\$36,788					
2.000	\$213,369	\$98,101	\$73,576	\$49,050					
1.500	\$225,632	\$110,363	\$85,838	\$61,313	\$21,460	\$21,460			
1.000	\$237,894	\$122,626	\$98,101	\$73,576	\$33,722	\$33,722	\$12,263		
0.300	\$255,062	\$139,794	\$115,268	\$90,743	\$50,890	\$50,890	\$29,430	\$4,905	
0.200	\$257,515	\$142,246	\$117,721	\$93,196	\$53,342	\$53,342	\$31,883	\$7,358	
0.000	\$262,420	\$147,151	\$122,626	\$98,101	\$58,247	\$58,247	\$36,788	\$12,263	\$4,905