

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

**5-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+
	10.700	6.000	5.000	4.000	2.375	2.375	1.500	0.500	0.200
7.200	\$24,000								
6.900	\$26,057								
6.745	\$27,120								
5.320	\$36,891								
4.655	\$41,451								
4.560	\$42,102								
3.325	\$50,571	\$18,343	\$11,486						
2.850	\$53,828	\$21,600	\$14,743	\$7,886					
2.500	\$56,228	\$24,000	\$17,143	\$10,286					
2.000	\$59,656	\$27,428	\$20,571	\$13,714					
1.500	\$63,085	\$30,857	\$24,000	\$17,143	\$6,000	\$6,000			
1.000	\$66,513	\$34,285	\$27,428	\$20,571	\$9,428	\$9,428	\$3,429		
0.300	\$71,313	\$39,085	\$32,228	\$25,371	\$14,228	\$14,228	\$8,228	\$1,371	
0.200	\$71,999	\$39,771	\$32,914	\$26,057	\$14,914	\$14,914	\$8,914	\$2,057	
0.000	\$73,370	\$41,142	\$34,285	\$27,428	\$16,285	\$16,285	\$10,286	\$3,429	\$1,371

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+
	10.700	6.000	5.000	4.000	2.375	2.375	1.500	0.500	0.200
7.200	\$41,518								
6.900	\$45,076								
6.745	\$46,915								
5.320	\$63,819								
4.655	\$71,707								
4.560	\$72,834								
3.325	\$87,484	\$31,731	\$19,869						
2.850	\$93,118	\$37,366	\$25,504	\$13,642					
2.500	\$97,270	\$41,518	\$29,655	\$17,793					
2.000	\$103,201	\$47,449	\$35,587	\$23,724					
1.500	\$109,132	\$53,380	\$41,518	\$29,655	\$10,379	\$10,379			
1.000	\$115,063	\$59,311	\$47,449	\$35,587	\$16,311	\$16,311	\$5,931		
0.300	\$123,367	\$67,614	\$55,752	\$43,890	\$24,614	\$24,614	\$14,235	\$2,372	
0.200	\$124,553	\$68,801	\$56,938	\$45,076	\$25,800	\$25,800	\$15,421	\$3,559	
0.000	\$126,925	\$71,173	\$59,311	\$47,449	\$28,173	\$28,173	\$17,793	\$5,931	\$2,372

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+
	10.700	6.000	5.000	4.000	2.375	2.375	1.500	0.500	0.200
7.200	\$61,313								
6.900	\$66,568								
6.745	\$69,284								
5.320	\$94,247								
4.655	\$105,896								
4.560	\$107,560								
3.325	\$129,195	\$46,861	\$29,343						
2.850	\$137,516	\$55,182	\$37,664	\$20,146					
2.500	\$143,648	\$61,313	\$43,795	\$26,277					
2.000	\$152,407	\$70,072	\$52,554	\$35,036					
1.500	\$161,166	\$78,831	\$61,313	\$43,795	\$15,328	\$15,328			
1.000	\$169,925	\$87,590	\$70,072	\$52,554	\$24,087	\$24,087	\$8,759		
0.300	\$182,187	\$99,853	\$82,335	\$64,817	\$36,350	\$36,350	\$21,022	\$3,504	
0.200	\$183,939	\$101,604	\$84,086	\$66,568	\$38,102	\$38,102	\$22,773	\$5,255	
0.000	\$187,443	\$105,108	\$87,590	\$70,072	\$41,605	\$41,605	\$26,277	\$8,759	\$3,504