

EMFAC Fuel Demand



APPENDIX I
EMFAC2025
Hecker Pass Residential Development
2030 Fuel Demand

Vehicle Class	Fuel	Process	Kgal/day	Fuel Type	Demand
LDA	Dsl	RUNEX	0.000131		
LDT1	Dsl	RUNEX	3.92E-07	Diesel	
LDT2	Dsl	RUNEX	0.000162	Kgal/day	0.09
LHD1 Other	Dsl	IDLEX	3.66E-05	KGal/yr	33.66
LHD1 Other	Dsl	RUNEX	0.006683		
LHD1 Public	Dsl	IDLEX	6.92E-07	Gas	
LHD1 Public	Dsl	RUNEX	0.000126	Kgal/day	0.36
LHD2 Other	Dsl	IDLEX	5.83E-05	KGal/yr	131.70
LHD2 Other	Dsl	RUNEX	0.008818		
LHD2 Public	Dsl	IDLEX	4.26E-06	Hybrid	
LHD2 Public	Dsl	RUNEX	0.000644	kgal/day	0.007
MDV	Dsl	RUNEX	0.00316	KGal/yr	2.474
MH	Dsl	RUNEX	0.000494		
Motor Coach	Dsl	IDLEX	1.84E-05	TOTAL	
Motor Coach	Dsl	RUNEX	0.000342	KGal/yr	167.8
OBUS	Dsl	IDLEX	9.46E-06	Gal/yr	167838.9
OBUS	Dsl	RUNEX	0.000638		
PTO	Dsl	RUNEX	0.001542		
SBUS	Dsl	IDLEX	5.04E-05		
SBUS	Dsl	RUNEX	0.000502	Mileage	
T6 CAIRP Class 4	Dsl	IDLEX	6.25E-08	Check:	
T6 CAIRP Class 4	Dsl	RUNEX	6.47E-06	VMT/yr	4,835,998
T6 CAIRP Class 5	Dsl	IDLEX	1.13E-07	mpg	29
T6 CAIRP Class 5	Dsl	RUNEX	1.17E-05		
T6 CAIRP Class 6	Dsl	IDLEX	2.74E-07		
T6 CAIRP Class 6	Dsl	RUNEX	2.83E-05		
T6 CAIRP Class 7	Dsl	IDLEX	4.29E-07		
T6 CAIRP Class 7	Dsl	RUNEX	0.000137		
T6 Instate Delivery Class 4	Dsl	IDLEX	3.31E-05		
T6 Instate Delivery Class 4	Dsl	RUNEX	0.000552		
T6 Instate Delivery Class 5	Dsl	IDLEX	4.37E-05		
T6 Instate Delivery Class 5	Dsl	RUNEX	0.000736		
T6 Instate Delivery Class 6	Dsl	IDLEX	7.75E-05		
T6 Instate Delivery Class 6	Dsl	RUNEX	0.001294		
T6 Instate Delivery Class 7	Dsl	IDLEX	8.49E-06		
T6 Instate Delivery Class 7	Dsl	RUNEX	0.000223		
T6 Instate Other Class 4	Dsl	IDLEX	5.75E-05		
T6 Instate Other Class 4	Dsl	RUNEX	0.001015		
T6 Instate Other Class 5	Dsl	IDLEX	0.00019		
T6 Instate Other Class 5	Dsl	RUNEX	0.003434		
T6 Instate Other Class 6	Dsl	IDLEX	0.000164		
T6 Instate Other Class 6	Dsl	RUNEX	0.002944		
T6 Instate Other Class 7	Dsl	IDLEX	6.24E-05		

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T6 Instate Other Class 7	Dsl	RUNEX	0.00125
T6 Instate Tractor Class 6	Dsl	IDLEX	1.42E-06
T6 Instate Tractor Class 6	Dsl	RUNEX	3.78E-05
T6 Instate Tractor Class 7	Dsl	IDLEX	1.23E-05
T6 Instate Tractor Class 7	Dsl	RUNEX	0.000363
T6 OOS Class 4	Dsl	IDLEX	3.55E-08
T6 OOS Class 4	Dsl	RUNEX	3.82E-06
T6 OOS Class 5	Dsl	IDLEX	6.41E-08
T6 OOS Class 5	Dsl	RUNEX	6.91E-06
T6 OOS Class 6	Dsl	IDLEX	1.52E-07
T6 OOS Class 6	Dsl	RUNEX	1.63E-05
T6 OOS Class 7	Dsl	IDLEX	2.28E-07
T6 OOS Class 7	Dsl	RUNEX	8.68E-05
T6 Public Class 4	Dsl	IDLEX	5.37E-06
T6 Public Class 4	Dsl	RUNEX	6.06E-05
T6 Public Class 5	Dsl	IDLEX	1.45E-05
T6 Public Class 5	Dsl	RUNEX	0.000216
T6 Public Class 6	Dsl	IDLEX	4.48E-06
T6 Public Class 6	Dsl	RUNEX	5.01E-05
T6 Public Class 7	Dsl	IDLEX	1.12E-05
T6 Public Class 7	Dsl	RUNEX	0.000158
T6 Utility Class 5	Dsl	IDLEX	3.15E-06
T6 Utility Class 5	Dsl	RUNEX	0.000113
T6 Utility Class 6	Dsl	IDLEX	6.65E-07
T6 Utility Class 6	Dsl	RUNEX	1.62E-05
T6 Utility Class 7	Dsl	IDLEX	5.46E-07
T6 Utility Class 7	Dsl	RUNEX	1.82E-05
T7 CAIRP Class 8	Dsl	IDLEX	0.001193
T7 CAIRP Class 8	Dsl	RUNEX	0.012764
T7 NNOOS Class 8	Dsl	IDLEX	0.001101
T7 NNOOS Class 8	Dsl	RUNEX	0.013192
T7 NOOS Class 8	Dsl	IDLEX	0.000438
T7 NOOS Class 8	Dsl	RUNEX	0.004829
T7 Other Port Class 8	Dsl	IDLEX	1.43E-05
T7 Other Port Class 8	Dsl	RUNEX	0.000793
T7 POAK Class 8	Dsl	IDLEX	0.000116
T7 POAK Class 8	Dsl	RUNEX	0.002627
T7 Public Class 8	Dsl	IDLEX	2.67E-05
T7 Public Class 8	Dsl	RUNEX	0.00055
T7 Single Concrete/Transit Mix Cla	Dsl	IDLEX	7.14E-05
T7 Single Concrete/Transit Mix Cla	Dsl	RUNEX	0.00155
T7 Single Dump Class 8	Dsl	IDLEX	0.000123
T7 Single Dump Class 8	Dsl	RUNEX	0.002315
T7 Single Other Class 8	Dsl	IDLEX	0.000109

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T7 Single Other Class 8	Dsl	RUNEX	0.002346
T7 SWCV Class 8	Dsl	IDLEX	2.74E-05
T7 SWCV Class 8	Dsl	RUNEX	0.001986
T7 Tractor Class 8	Dsl	IDLEX	0.00045
T7 Tractor Class 8	Dsl	RUNEX	0.007134
T7 Utility Class 8	Dsl	IDLEX	2.04E-06
T7 Utility Class 8	Dsl	RUNEX	0.000101
UBUS	Dsl	RUNEX	0.001481
LDA	Gas	RUNEX	0.103565
LDA	Gas	STREX	0.003789
LDT1	Gas	RUNEX	0.015618
LDT1	Gas	STREX	0.000553
LDT2	Gas	RUNEX	0.112732
LDT2	Gas	STREX	0.003717
LHD1 Other	Gas	IDLEX	7.82E-05
LHD1 Other	Gas	RUNEX	0.02013
LHD1 Other	Gas	STREX	0.000248
LHD1 Public	Gas	IDLEX	5.32E-06
LHD1 Public	Gas	RUNEX	0.001369
LHD1 Public	Gas	STREX	1.69E-05
LHD2 Other	Gas	IDLEX	1.77E-05
LHD2 Other	Gas	RUNEX	0.004509
LHD2 Other	Gas	STREX	4.83E-05
LHD2 Public	Gas	IDLEX	2.70E-06
LHD2 Public	Gas	RUNEX	0.00069
LHD2 Public	Gas	STREX	7.38E-06
MCY	Gas	RUNEX	0.00147
MCY	Gas	STREX	9.40E-05
MDV	Gas	RUNEX	0.079415
MDV	Gas	STREX	0.002501
MH	Gas	RUNEX	0.002305
MH	Gas	STREX	3.93E-07
OBUS	Gas	IDLEX	2.45E-06
OBUS	Gas	RUNEX	0.000741
OBUS	Gas	STREX	4.14E-06
SBUS	Gas	IDLEX	2.57E-05
SBUS	Gas	RUNEX	0.000381
SBUS	Gas	STREX	2.22E-06
T6TS	Gas	IDLEX	4.22E-05
T6TS	Gas	RUNEX	0.006663
T6TS	Gas	STREX	7.09E-05
T7IS	Gas	RUNEX	7.36E-06
T7IS	Gas	STREX	1.57E-07
LDA	Phe	RUNEX	0.004297

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LDA	Phe	STREX	0.000213
LDT1	Phe	RUNEX	4.30E-05
LDT1	Phe	STREX	2.05E-06
LDT2	Phe	RUNEX	0.001439
LDT2	Phe	STREX	7.50E-05
MDV	Phe	RUNEX	0.000667
MDV	Phe	STREX	4.22E-05