

EMFAC 2027 Fuel Demand



APPENDIX XX
EMFAC2021
Northgate 42 - Los Banos
2027 Fuel Demand

Vehicle Class	Fuel	Process	Kgal/day	Fuel Type	Demand
All Other Buses	Dsl	IDLEX	4.83E-06	Diesel	
All Other Buses	Dsl	RUNEX	0.000444	Kgal/day	0.72
LDA	Dsl	RUNEX	0.000469	KGal/yr	261.51
LDT1	Dsl	RUNEX	1.27E-06		
LDT2	Dsl	RUNEX	0.000384	Gas	
LHD1	Dsl	IDLEX	0.000148	Kgal/day	0.85
LHD1	Dsl	RUNEX	0.02493	KGal/yr	310.82
LHD2	Dsl	IDLEX	8.39E-05		
LHD2	Dsl	RUNEX	0.011169	Hybrid	
MDV	Dsl	RUNEX	0.002552	kgal/day	0.009
MH	Dsl	RUNEX	0.000559	Kgal/yr	3.16
Motor Coach	Dsl	IDLEX	8.93E-05		
Motor Coach	Dsl	RUNEX	0.001913	TOTAL	
PTO	Dsl	RUNEX	0.003965	KGal/yr	575.49
SBUS	Dsl	IDLEX	0.000225	Gal/yr	575489.80
SBUS	Dsl	RUNEX	0.002473		
T6 CAIRP Class 4	Dsl	IDLEX	9.32E-07		
T6 CAIRP Class 4	Dsl	RUNEX	0.000117		
T6 CAIRP Class 5	Dsl	IDLEX	1.23E-06	Mileage	
T6 CAIRP Class 5	Dsl	RUNEX	0.000161	Check:	
T6 CAIRP Class 6	Dsl	IDLEX	4.23E-06		
T6 CAIRP Class 6	Dsl	RUNEX	0.000408	VMT/yr	10521771
T6 CAIRP Class 7	Dsl	IDLEX	6.83E-06	mpg	18
T6 CAIRP Class 7	Dsl	RUNEX	0.002422		
T6 Instate Delivery Class 4	Dsl	IDLEX	2.65E-05		
T6 Instate Delivery Class 4	Dsl	RUNEX	0.000496		
T6 Instate Delivery Class 5	Dsl	IDLEX	1.79E-05		
T6 Instate Delivery Class 5	Dsl	RUNEX	0.000342		
T6 Instate Delivery Class 6	Dsl	IDLEX	5.47E-05		
T6 Instate Delivery Class 6	Dsl	RUNEX	0.001012		
T6 Instate Delivery Class 7	Dsl	IDLEX	1.70E-05		
T6 Instate Delivery Class 7	Dsl	RUNEX	0.000455		
T6 Instate Other Class 4	Dsl	IDLEX	0.000163		
T6 Instate Other Class 4	Dsl	RUNEX	0.003426		
T6 Instate Other Class 5	Dsl	IDLEX	0.000258		
T6 Instate Other Class 5	Dsl	RUNEX	0.005557		
T6 Instate Other Class 6	Dsl	IDLEX	0.000206		
T6 Instate Other Class 6	Dsl	RUNEX	0.004308		
T6 Instate Other Class 7	Dsl	IDLEX	0.000171		
T6 Instate Other Class 7	Dsl	RUNEX	0.003192		
T6 Instate Tractor Class 6	Dsl	IDLEX	6.72E-06		

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T6 Instate Tractor Class 6	Dsl	RUNEX	0.000167
T6 Instate Tractor Class 7	Dsl	IDLEX	0.000161
T6 Instate Tractor Class 7	Dsl	RUNEX	0.003859
T6 OOS Class 4	Dsl	IDLEX	5.54E-07
T6 OOS Class 4	Dsl	RUNEX	6.86E-05
T6 OOS Class 5	Dsl	IDLEX	7.27E-07
T6 OOS Class 5	Dsl	RUNEX	9.45E-05
T6 OOS Class 6	Dsl	IDLEX	2.51E-06
T6 OOS Class 6	Dsl	RUNEX	0.000241
T6 OOS Class 7	Dsl	IDLEX	3.67E-06
T6 OOS Class 7	Dsl	RUNEX	0.001649
T6 Public Class 4	Dsl	IDLEX	2.34E-05
T6 Public Class 4	Dsl	RUNEX	0.000301
T6 Public Class 5	Dsl	IDLEX	3.94E-05
T6 Public Class 5	Dsl	RUNEX	0.000507
T6 Public Class 6	Dsl	IDLEX	6.01E-05
T6 Public Class 6	Dsl	RUNEX	0.000822
T6 Public Class 7	Dsl	IDLEX	9.56E-05
T6 Public Class 7	Dsl	RUNEX	0.001632
T6 Utility Class 5	Dsl	IDLEX	1.91E-05
T6 Utility Class 5	Dsl	RUNEX	0.000537
T6 Utility Class 6	Dsl	IDLEX	3.61E-06
T6 Utility Class 6	Dsl	RUNEX	0.000101
T6 Utility Class 7	Dsl	IDLEX	4.03E-06
T6 Utility Class 7	Dsl	RUNEX	0.00014
T7 CAIRP Class 8	Dsl	IDLEX	0.012672
T7 CAIRP Class 8	Dsl	RUNEX	0.162543
T7 NNOOS Class 8	Dsl	IDLEX	0.013698
T7 NNOOS Class 8	Dsl	RUNEX	0.190619
T7 NOOS Class 8	Dsl	IDLEX	0.006
T7 NOOS Class 8	Dsl	RUNEX	0.070677
T7 Other Port Class 8	Dsl	IDLEX	8.88E-05
T7 Other Port Class 8	Dsl	RUNEX	0.003561
T7 POAK Class 8	Dsl	IDLEX	0.000387
T7 POAK Class 8	Dsl	RUNEX	0.008153
T7 POLA Class 8	Dsl	IDLEX	0.0005
T7 POLA Class 8	Dsl	RUNEX	0.013249
T7 Public Class 8	Dsl	IDLEX	0.000221
T7 Public Class 8	Dsl	RUNEX	0.005597
T7 Single Concrete/Transit Mix Class 8	Dsl	IDLEX	7.51E-05
T7 Single Concrete/Transit Mix Class 8	Dsl	RUNEX	0.001923
T7 Single Dump Class 8	Dsl	IDLEX	0.000152
T7 Single Dump Class 8	Dsl	RUNEX	0.003053

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T7 Single Other Class 8	Dsl	IDLEX	0.000584
T7 Single Other Class 8	Dsl	RUNEX	0.01027
T7 SWCV Class 8	Dsl	IDLEX	5.59E-05
T7 SWCV Class 8	Dsl	RUNEX	0.003971
T7 Tractor Class 8	Dsl	IDLEX	0.008942
T7 Tractor Class 8	Dsl	RUNEX	0.115268
T7 Utility Class 8	Dsl	IDLEX	1.41E-05
T7 Utility Class 8	Dsl	RUNEX	0.000672
UBUS	Dsl	RUNEX	0.000749
LDA	Gas	RUNEX	0.374985
LDA	Gas	STREX	0.009605
LDT1	Gas	RUNEX	0.029079
LDT1	Gas	STREX	0.000962
LDT2	Gas	RUNEX	0.176672
LDT2	Gas	STREX	0.004999
LHD1	Gas	IDLEX	0.000135
LHD1	Gas	RUNEX	0.037303
LHD1	Gas	STREX	0.000427
LHD2	Gas	IDLEX	2.03E-05
LHD2	Gas	RUNEX	0.005336
LHD2	Gas	STREX	5.57E-05
MCY	Gas	RUNEX	0.001487
MCY	Gas	STREX	0.000147
MDV	Gas	RUNEX	0.186318
MDV	Gas	STREX	0.005659
MH	Gas	RUNEX	0.002435
MH	Gas	STREX	4.13E-07
OBUS	Gas	IDLEX	7.45E-06
OBUS	Gas	RUNEX	0.002482
OBUS	Gas	STREX	1.25E-05
SBUS	Gas	IDLEX	3.57E-05
SBUS	Gas	RUNEX	0.001071
SBUS	Gas	STREX	3.24E-06
T6TS	Gas	IDLEX	3.58E-05
T6TS	Gas	RUNEX	0.009986
T6TS	Gas	STREX	6.24E-05
T7IS	Gas	RUNEX	2.63E-05
T7IS	Gas	STREX	1.19E-07
UBUS	Gas	RUNEX	0.002216
UBUS	Gas	STREX	5.27E-06
LDA	Phe	RUNEX	0.006828
LDA	Phe	STREX	0.000251
LDT1	Phe	RUNEX	3.90E-05

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LDT1	Phe	STREX	1.74E-06
LDT2	Phe	RUNEX	0.000819
LDT2	Phe	STREX	3.97E-05
MDV	Phe	RUNEX	0.000632
MDV	Phe	STREX	3.64E-05