

EMFAC Results

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APPENDIX

APPENDIX D
EMFAC2021
Meridian Village Subdivision
Fuel Demand

2026 Fuel Demand

Vehicle Class	Fuel	Process	Kgal/day	Fuel Type	Demand
All Other Buses	Dsl	IDLEX	6.56E-07	Diesel	
All Other Buses	Dsl	RUNEX	6.58E-05	Kgal/day	0.15
LDA	Dsl	RUNEX	0.000172	KGal/yr	53.94
LDT1	Dsl	RUNEX	4.83E-07		
LDT2	Dsl	RUNEX	0.000122	Gas	
LHD1	Dsl	IDLEX	4.34E-05	Kgal/day	0.17
LHD1	Dsl	RUNEX	0.006376	KGal/yr	62.89
LHD2	Dsl	IDLEX	2.82E-05		
LHD2	Dsl	RUNEX	0.003316	Hybrid	
MDV	Dsl	RUNEX	0.000762	kgal/day	0.002
MH	Dsl	RUNEX	0.000204	Kgal/yr	0.63
Motor Coach	Dsl	IDLEX	9.73E-06		
Motor Coach	Dsl	RUNEX	0.000215	TOTAL	
PTO	Dsl	RUNEX	0.00074	KGal/yr	117.47
SBUS	Dsl	IDLEX	2.45E-05	Gal/yr	117467.88
SBUS	Dsl	RUNEX	0.000288		
T6 CAIRP Class 4	Dsl	IDLEX	1.36E-08		
T6 CAIRP Class 4	Dsl	RUNEX	1.69E-06		
T6 CAIRP Class 5	Dsl	IDLEX	1.81E-08	Mileage	
T6 CAIRP Class 5	Dsl	RUNEX	2.33E-06	Check:	
T6 CAIRP Class 6	Dsl	IDLEX	6.06E-08		
T6 CAIRP Class 6	Dsl	RUNEX	5.92E-06	VMT/yr	2098875
T6 CAIRP Class 7	Dsl	IDLEX	9.93E-08	mpg	18
T6 CAIRP Class 7	Dsl	RUNEX	3.51E-05		
T6 Instate Delivery Class 4	Dsl	IDLEX	1.27E-05		
T6 Instate Delivery Class 4	Dsl	RUNEX	0.000236		
T6 Instate Delivery Class 5	Dsl	IDLEX	1.15E-05		
T6 Instate Delivery Class 5	Dsl	RUNEX	0.000224		
T6 Instate Delivery Class 6	Dsl	IDLEX	2.39E-05		
T6 Instate Delivery Class 6	Dsl	RUNEX	0.000455		
T6 Instate Delivery Class 7	Dsl	IDLEX	2.32E-06		
T6 Instate Delivery Class 7	Dsl	RUNEX	7.49E-05		
T6 Instate Other Class 4	Dsl	IDLEX	3.19E-05		
T6 Instate Other Class 4	Dsl	RUNEX	0.000661		
T6 Instate Other Class 5	Dsl	IDLEX	8.15E-05		
T6 Instate Other Class 5	Dsl	RUNEX	0.001756		
T6 Instate Other Class 6	Dsl	IDLEX	5.26E-05		
T6 Instate Other Class 6	Dsl	RUNEX	0.001121		
T6 Instate Other Class 7	Dsl	IDLEX	5.64E-05		
T6 Instate Other Class 7	Dsl	RUNEX	0.00118		
T6 Instate Tractor Class 6	Dsl	IDLEX	1.10E-12		

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T6 Instate Tractor Class 6	Dsl	RUNEX	2.15E-11
T6 Instate Tractor Class 7	Dsl	IDLEX	4.91E-06
T6 Instate Tractor Class 7	Dsl	RUNEX	0.00012
T6 OOS Class 4	Dsl	IDLEX	1.73E-08
T6 OOS Class 4	Dsl	RUNEX	2.13E-06
T6 OOS Class 5	Dsl	IDLEX	2.29E-08
T6 OOS Class 5	Dsl	RUNEX	2.93E-06
T6 OOS Class 6	Dsl	IDLEX	7.69E-08
T6 OOS Class 6	Dsl	RUNEX	7.47E-06
T6 OOS Class 7	Dsl	IDLEX	1.16E-07
T6 OOS Class 7	Dsl	RUNEX	5.13E-05
T6 Public Class 4	Dsl	IDLEX	2.34E-06
T6 Public Class 4	Dsl	RUNEX	2.90E-05
T6 Public Class 5	Dsl	IDLEX	7.26E-06
T6 Public Class 5	Dsl	RUNEX	1.00E-04
T6 Public Class 6	Dsl	IDLEX	5.15E-06
T6 Public Class 6	Dsl	RUNEX	6.84E-05
T6 Public Class 7	Dsl	IDLEX	1.54E-05
T6 Public Class 7	Dsl	RUNEX	0.000264
T6 Utility Class 5	Dsl	IDLEX	1.47E-05
T6 Utility Class 5	Dsl	RUNEX	0.000412
T6 Utility Class 6	Dsl	IDLEX	2.78E-06
T6 Utility Class 6	Dsl	RUNEX	7.75E-05
T6 Utility Class 7	Dsl	IDLEX	3.12E-06
T6 Utility Class 7	Dsl	RUNEX	0.000107
T7 CAIRP Class 8	Dsl	IDLEX	0.002868
T7 CAIRP Class 8	Dsl	RUNEX	0.036973
T7 NNOOS Class 8	Dsl	IDLEX	0.003097
T7 NNOOS Class 8	Dsl	RUNEX	0.043196
T7 NOOS Class 8	Dsl	IDLEX	0.001347
T7 NOOS Class 8	Dsl	RUNEX	0.015975
T7 Other Port Class 8	Dsl	IDLEX	1.90E-12
T7 Other Port Class 8	Dsl	RUNEX	7.28E-11
T7 POAK Class 8	Dsl	IDLEX	8.57E-05
T7 POAK Class 8	Dsl	RUNEX	0.001756
T7 POLA Class 8	Dsl	IDLEX	1.95E-12
T7 POLA Class 8	Dsl	RUNEX	4.96E-11
T7 Public Class 8	Dsl	IDLEX	2.57E-05
T7 Public Class 8	Dsl	RUNEX	0.000688
T7 Single Concrete/Transit Mix Class 8	Dsl	IDLEX	1.81E-05
T7 Single Concrete/Transit Mix Class 8	Dsl	RUNEX	0.000467
T7 Single Dump Class 8	Dsl	IDLEX	5.55E-05
T7 Single Dump Class 8	Dsl	RUNEX	0.001173
T7 Single Other Class 8	Dsl	IDLEX	5.79E-05
T7 Single Other Class 8	Dsl	RUNEX	0.001235

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T7 SWCV Class 8	Dsl	IDLEX	1.34E-05
T7 SWCV Class 8	Dsl	RUNEX	0.000922
T7 Tractor Class 8	Dsl	IDLEX	0.001229
T7 Tractor Class 8	Dsl	RUNEX	0.016368
T7 Utility Class 8	Dsl	IDLEX	1.06E-05
T7 Utility Class 8	Dsl	RUNEX	0.000509
UBUS	Dsl	RUNEX	2.29E-05
LDA	Gas	RUNEX	0.067685
LDA	Gas	STREX	0.002011
LDT1	Gas	RUNEX	0.005769
LDT1	Gas	STREX	0.000236
LDT2	Gas	RUNEX	0.038408
LDT2	Gas	STREX	0.00122
LHD1	Gas	IDLEX	3.89E-05
LHD1	Gas	RUNEX	0.009245
LHD1	Gas	STREX	0.000124
LHD2	Gas	IDLEX	4.42E-06
LHD2	Gas	RUNEX	0.001026
LHD2	Gas	STREX	1.22E-05
MCY	Gas	RUNEX	0.000458
MCY	Gas	STREX	5.40E-05
MDV	Gas	RUNEX	0.04074
MDV	Gas	STREX	0.001409
MH	Gas	RUNEX	0.000797
MH	Gas	STREX	1.68E-07
OBUS	Gas	IDLEX	1.51E-06
OBUS	Gas	RUNEX	0.000369
OBUS	Gas	STREX	2.56E-06
SBUS	Gas	IDLEX	1.36E-05
SBUS	Gas	RUNEX	0.000288
SBUS	Gas	STREX	1.17E-06
T6TS	Gas	IDLEX	9.11E-06
T6TS	Gas	RUNEX	0.001795
T6TS	Gas	STREX	1.66E-05
T7IS	Gas	RUNEX	1.78E-05
T7IS	Gas	STREX	1.10E-07
UBUS	Gas	RUNEX	0.000555
UBUS	Gas	STREX	1.95E-06
LDA	Phe	RUNEX	0.001311
LDA	Phe	STREX	5.29E-05
LDT1	Phe	RUNEX	7.94E-06
LDT1	Phe	STREX	3.64E-07
LDT2	Phe	RUNEX	0.000193
LDT2	Phe	STREX	9.62E-06
MDV	Phe	RUNEX	0.000151

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MDV

Phe STREX 9.40E-06