
APPENDIX D

EMFAC RESULTS

Appendix # EMFAC2021.1

1065 South Winchester Boulevard Mixed Use Project Fuel Demand 2025

Vehicle Class	Fuel	Process	Kgal/Day		
All Other Buses	Dsl	IDLEX	3.54E-06		
All Other Buses	Dsl	RUNEX	0.000407	Diesel	
LDA	Dsl	RUNEX	7.64E-05	Kgal/Day	2.02E-02
LDT1	Dsl	RUNEX	8.88E-07	Gal/Year	7383.656
LDT2	Dsl	RUNEX	8.38E-05		
LHD1	Dsl	IDLEX	9.51E-06	Gas	
LHD1	Dsl	RUNEX	0.001811	Kgal/Day	0.114923
LHD2	Dsl	IDLEX	7.08E-06	Gal/Year	41946.95
LHD2	Dsl	RUNEX	0.001		
MDV	Dsl	RUNEX	0.000244		
MH	Dsl	RUNEX	7.35E-05		
Motor Coach	Dsl	IDLEX	6.44E-06		
Motor Coach	Dsl	RUNEX	0.000147		
PTO	Dsl	RUNEX	0.000366	Hybrid	
SBUS	Dsl	IDLEX	1.06E-05	Kgal/Day	0.001177
SBUS	Dsl	RUNEX	0.000123	Gal/Year	429.7656
T6 CAIRP Class 4	Dsl	IDLEX	1.39E-08		
T6 CAIRP Class 4	Dsl	RUNEX	1.72E-06	Total Gas + Diesel	49760.37
T6 CAIRP Class 5	Dsl	IDLEX	1.86E-08	(Includes Hybrids)	
T6 CAIRP Class 5	Dsl	RUNEX	2.37E-06		
T6 CAIRP Class 6	Dsl	IDLEX	6.05E-08	Mileage Check	
T6 CAIRP Class 6	Dsl	RUNEX	6.04E-06		
T6 CAIRP Class 7	Dsl	IDLEX	1.01E-07	Annual VMT	1,236,137
T6 CAIRP Class 7	Dsl	RUNEX	3.58E-05	MPG	24.8418
T6 Instate Delivery (Dsl		IDLEX	9.31E-06		
T6 Instate Delivery (Dsl		RUNEX	0.000176		
T6 Instate Delivery (Dsl		IDLEX	1.05E-05		
T6 Instate Delivery (Dsl		RUNEX	0.000205		
T6 Instate Delivery (Dsl		IDLEX	2.03E-05		
T6 Instate Delivery (Dsl		RUNEX	0.000389		
T6 Instate Delivery (Dsl		IDLEX	2.74E-06		
T6 Instate Delivery (Dsl		RUNEX	8.23E-05		
T6 Instate Other Cla Dsl		IDLEX	1.76E-05		
T6 Instate Other Cla Dsl		RUNEX	0.000367		
T6 Instate Other Cla Dsl		IDLEX	3.46E-05		
T6 Instate Other Cla Dsl		RUNEX	0.000769		
T6 Instate Other Cla Dsl		IDLEX	3.35E-05		
T6 Instate Other Cla Dsl		RUNEX	0.000717		
T6 Instate Other Cla Dsl		IDLEX	1.32E-05		
T6 Instate Other Cla Dsl		RUNEX	0.000299		
T6 Instate Tractor C Dsl		IDLEX	1.32E-07		
T6 Instate Tractor C Dsl		RUNEX	3.30E-06		
T6 Instate Tractor C Dsl		IDLEX	4.12E-06		
T6 Instate Tractor C Dsl		RUNEX	0.000115		

Appendix # EMFAC2021.1

T6 OOS Class 4	Dsl	IDLEX	7.82E-09
T6 OOS Class 4	Dsl	RUNEX	9.56E-07
T6 OOS Class 5	Dsl	IDLEX	1.04E-08
T6 OOS Class 5	Dsl	RUNEX	1.31E-06
T6 OOS Class 6	Dsl	IDLEX	3.39E-08
T6 OOS Class 6	Dsl	RUNEX	3.36E-06
T6 OOS Class 7	Dsl	IDLEX	5.22E-08
T6 OOS Class 7	Dsl	RUNEX	2.30E-05
T6 Public Class 4	Dsl	IDLEX	3.24E-06
T6 Public Class 4	Dsl	RUNEX	4.05E-05
T6 Public Class 5	Dsl	IDLEX	5.30E-06
T6 Public Class 5	Dsl	RUNEX	6.99E-05
T6 Public Class 6	Dsl	IDLEX	2.99E-06
T6 Public Class 6	Dsl	RUNEX	3.83E-05
T6 Public Class 7	Dsl	IDLEX	6.77E-06
T6 Public Class 7	Dsl	RUNEX	0.000117
T6 Utility Class 5	Dsl	IDLEX	1.15E-06
T6 Utility Class 5	Dsl	RUNEX	3.20E-05
T6 Utility Class 6	Dsl	IDLEX	2.19E-07
T6 Utility Class 6	Dsl	RUNEX	6.02E-06
T6 Utility Class 7	Dsl	IDLEX	2.47E-07
T6 Utility Class 7	Dsl	RUNEX	8.33E-06
T7 CAIRP Class 8	Dsl	IDLEX	0.000174
T7 CAIRP Class 8	Dsl	RUNEX	0.002232
T7 NNOOS Class 8	Dsl	IDLEX	0.000189
T7 NNOOS Class 8	Dsl	RUNEX	0.002626
T7 NOOS Class 8	Dsl	IDLEX	8.17E-05
T7 NOOS Class 8	Dsl	RUNEX	0.000966
T7 Other Port Class	Dsl	IDLEX	6.42E-06
T7 Other Port Class	Dsl	RUNEX	0.000238
T7 POAK Class 8	Dsl	IDLEX	4.03E-05
T7 POAK Class 8	Dsl	RUNEX	0.000808
T7 POLA Class 8	Dsl	IDLEX	5.74E-14
T7 POLA Class 8	Dsl	RUNEX	1.44E-12
T7 Public Class 8	Dsl	IDLEX	1.51E-05
T7 Public Class 8	Dsl	RUNEX	0.000379
T7 Single Concrete/	Dsl	IDLEX	1.25E-05
T7 Single Concrete/	Dsl	RUNEX	0.000332
T7 Single Dump Cla	Dsl	IDLEX	2.30E-05
T7 Single Dump Cla	Dsl	RUNEX	0.000487
T7 Single Other Clas	Dsl	IDLEX	3.09E-05
T7 Single Other Clas	Dsl	RUNEX	0.00059
T7 SWCV Class 8	Dsl	IDLEX	7.62E-06
T7 SWCV Class 8	Dsl	RUNEX	0.00051
T7 Tractor Class 8	Dsl	IDLEX	0.00014
T7 Tractor Class 8	Dsl	RUNEX	0.001897
T7 Utility Class 8	Dsl	IDLEX	8.38E-07
T7 Utility Class 8	Dsl	RUNEX	4.00E-05
UBUS	Dsl	RUNEX	0.000357

Appendix # EMFAC2021.1

LDA	Gas	RUNEX	0.050444
LDA	Gas	STREX	0.001601
LDT1	Gas	RUNEX	0.004501
LDT1	Gas	STREX	0.000163
LDT2	Gas	RUNEX	0.029481
LDT2	Gas	STREX	0.000979
LHD1	Gas	IDLEX	1.91E-05
LHD1	Gas	RUNEX	0.005197
LHD1	Gas	STREX	6.21E-05
LHD2	Gas	IDLEX	2.86E-06
LHD2	Gas	RUNEX	0.000735
LHD2	Gas	STREX	7.90E-06
MCY	Gas	RUNEX	0.00026
MCY	Gas	STREX	2.25E-05
MDV	Gas	RUNEX	0.019
MDV	Gas	STREX	0.000648
MH	Gas	RUNEX	0.000349
MH	Gas	STREX	6.14E-08
OBUS	Gas	IDLEX	1.35E-06
OBUS	Gas	RUNEX	0.000276
OBUS	Gas	STREX	2.26E-06
SBUS	Gas	IDLEX	3.83E-06
SBUS	Gas	RUNEX	5.93E-05
SBUS	Gas	STREX	3.43E-07
T6TS	Gas	IDLEX	6.21E-06
T6TS	Gas	RUNEX	0.00105
T6TS	Gas	STREX	1.07E-05
T7IS	Gas	RUNEX	2.20E-06
T7IS	Gas	STREX	1.95E-08
UBUS	Gas	RUNEX	3.73E-05
UBUS	Gas	STREX	5.65E-08
LDA	Phe	RUNEX	0.00093
LDA	Phe	STREX	4.27E-05
LDT1	Phe	RUNEX	4.55E-06
LDT1	Phe	STREX	2.38E-07
LDT2	Phe	RUNEX	0.000119
LDT2	Phe	STREX	6.82E-06
MDV	Phe	RUNEX	6.92E-05
MDV	Phe	STREX	5.06E-06