

APPENDIX D

Energy Calculations

Table 1. Summary of Energy Use During Construction

Fuel Type	Quantity
Diesel	
On-Site Construction Equipment	24,593 Gallons
Off-Site Motor Vehicles	33,959 Gallons
Total	58,552 Gallons
Gasoline	
On-Site Construction Equipment	0 Gallons
Off-Site Motor Vehicles	21,190 Gallons
Total	21,190 Gallons
Electricity	5,005.6 kWh

Table 2. Summary of Annual Energy Use During Operation

Source	Units	Project	Existing	Net Difference
Electricity				
Building	kWh/yr	511,972.5	182,396.6	329,575.9
Water	kWh/yr	48,999.4	18,728.7	30,270.7
Total Electricity	kWh/yr	560,971.9	201,125.3	359,846.6
Natural Gas				
Building	kBTU/yr	494,291.4	422,464.6	71,826.8
Transportation/On-Site Sources				
Diesel	gallons/yr	11,843	8,117	3,726.1
Gasoline	gallons/yr	48,884	33,505	15,379.7

Table 3. Water by Land Use

Land Use	Units	Project				Existing			
		Indoor/Outdoor Use	Indoor Use	Outdoor Use	Total	Indoor/Outdoor Use	Indoor Use	Outdoor Use	Total
Unmitigated	Mgal	2.889232/1.811941	2.889232	1.811941	4.701173	1.110648/0.3840616	1.110648	0.3840616	1.4947096
Mitigated	Mgal	2.311394/1.701414	2.311394	1.701414	4.012808	0.888519/0.3606329	0.888519	0.3606329	1.2491519

Water and Wastewater Electricity Intensity (kWh/gallon)

Supply Water	0.009727
Treat Water	0.000111
Distribute Water	0.001272
Wastewater Treatment	0.001911

Source: CalEEMod User's Guide, Appendix D, Table 9.2 Los Angeles - South Coast Air District

Indoor Water Factor	0.013021 kWh/gallon (supply, treat, distribute, wastewater treatment)
Outdoor Water Factor	0.01111 kWh/gallon (supply, treat, and distribute)

Notes:

Electricity and Natural Gas for the proposed Project is total operational usage.

Mitigated electricity for the buildings include energy efficiency measures.

Electricity, natural gas, and mobile usage were calculated from CalEEMod in

Appendix B of the EIR.

Table 4. Off-Road Equipment Fuel Usage During Construction

Phase Name	Off-road Equipment Type	Amount	Hours per Day	Horsepower	Load Factor	Number of Days	Diesel Fuel Usage (Gallons per Project)
Demolition	Concrete/Industrial Saws	1	8	81	0.73	8	189
Demolition	Rubber Tired Dozers	1	1	247	0.4	8	40
Demolition	Tractors/Loaders/Backhoes	2	6	97	0.37	8	172
Grading	Excavators	1	8	158	0.38	60	1,441
Grading	Rubber Tired Dozers	1	1	247	0.4	60	296
Building Construction	Forklifts	2	6	89	0.2	525	5,607
Building Construction	Tractors/Loaders/Backhoes	2	8	97	0.37	525	15,074
Architectural Coating	Air Compressors	1	6	78	0.48	46	517
Paving	Cement and Mortar Mixers	4	6	9	0.56	26	157
Paving	Pavers	1	7	130	0.42	26	497
Paving	Rollers	1	7	80	0.38	26	277
Paving	Tractors/Loaders/Backhoes	1	7	97	0.37	26	327
Total							24,593

Notes:

Equipment assumptions from CalEEMod.

Fuel usage estimate of 0.05 gallons per horsepower-hour is from the SCAQMD CEQA Air Quality Handbook, Table A9-3 E.

Table 5. On-Road Vehicle Fuel Usage During Construction

Area A	Days	Daily Trips		Total			Trip Length (Miles)			Total Length (Miles)			Fuel Consumption (Gallons)	
		Worker	Vendor	Worker Trips	Vendor Trips	Haul Trips	Worker	Vendor	Hauling	Worker	Vendor	Hauling	Gasoline	Diesel
Demolition	8	10	0	80	0	43	15	7	20	1,176	0	860	62	190
Grading	60	5	0	300	0	2,963	15	7	20	4,410	0	59,260	231	10,086
Building Construction	525	50	13	26,250	6,825	0	15	7	20	385,875	47,093	0	20,184	23,143
Architectural Coating	46	10	0	460	0	0	15	7	20	6,762	0	0	354	268
Paving	26	18	0	468	0	0	15	7	20	6,880	0	0	360	272
Total	665	93	13	27,558	6,825	3,006	n/a	n/a	n/a	405,103	47,093	60,120	21,190	33,959

Fuel Efficiency	Gas	DSL
Workers	19.12	25.28
Vendor/Haul Trucks	0	5.98

Notes:
 Fuel efficiency calculated in **Table 10: EMFAC2014 Results - Construction.**

Table 6. Water Usage for Control of Fugitive Dust During Construction

Phase Name	Square Feet	Acres	Gallons for Project	Electricity (MWh)
Project	30,928.00	0.71	514,608	5.0

Notes:

Total disturbed acreage for demolition per Project description, Project Site area. Total disturbed acreage for site preparation through architectural coating per CalEEMod for proposed Project.

Construction Schedule

5 days per week
20 days per month
240 days per year

Water Usage

3,020 gallons per acre per day

Source: Air & Waste Management Association, Air Pollution Engineering Manual, 1992 Edition

Supply Water Electricity Intensity

0.009727 kWh/gallons (CalEEMod default for South Coast Air Basin)

Table 10. EMFAC2014 Results - Construction

Vehicle Class	Fuel	VMT (miles per day)	Fuel (1,000 gal per day)	Fuel Efficiency (miles per gallon)	Fuel	VMT (miles per day)	Fuel (1,000 gal per day)	Fuel Efficiency (miles per gallon)
LDA	GAS	123,137,809	4,610	26.71	DSL	1,213,998	33.8	35.91
LDT1	GAS	10,673,588	474	22.50	DSL	12,046	0.5	25.54
LDT2	GAS	1,311,124	2,367	0.55	DSL	12,046	3.2	3.74
Average (LDA, LDT1, LDT2)				19.12				25.28
T7 Tractor Construction	DSL	176,467	30	5.98				

Construction Worker Fleet Mix

LDA	50%
LDT1	25%
LDT2	25%

Vendor and Delivery/Haul Truck Fleet Mix

HHDT	100%
------	------

EMFAC2014 (v1.0.7) Emissions Inventory

Region Type: Sub-Area

Region: Los Angeles (SC)

Calendar Year: 2020

Season: Annual

Vehicle Classification: EMFAC2011 Categories

Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	CalYr	VehClass	MdYr	Speed	Fuel	Population	VMT	Trips	Fuel_Consumption
Los Angeles (SC)	2020	LDA	Aggregated	Aggregated	GAS	3620781.622	123137809.1	22811593.75	4610.461782
Los Angeles (SC)	2020	LDA	Aggregated	Aggregated	DSL	33363.93762	1213998.277	206807.9034	33.80282622
Los Angeles (SC)	2020	LDA	Aggregated	Aggregated	ELEC	81054.00191	3698131.97	528423.965	0
Los Angeles (SC)	2020	LDT1	Aggregated	Aggregated	GAS	318005.1872	10673587.88	1932930.732	474.3496339
Los Angeles (SC)	2020	LDT1	Aggregated	Aggregated	DSL	434.8523117	12046.0772	2273.713205	0.4717328
Los Angeles (SC)	2020	LDT1	Aggregated	Aggregated	ELEC	297.0055323	9038.0509	1789.617094	0
Los Angeles (SC)	2020	LDT2	Aggregated	Aggregated	GAS	1311124.343	47461733	8301953.867	2366.864337
Los Angeles (SC)	2020	LDT2	Aggregated	Aggregated	DSL	2273.9642	88074.60749	14661.21899	3.218379734
Los Angeles (SC)	2020	T7 tractor construction	Aggregated	Aggregated	DSL	1966.620064	176466.6068	0	29.5155153
									7518.684207
									7518684.207
		Gas	7451.675753	7451675.753	2719861650	35,378,625.00		2,744,319,735.68	
		Diesel	67.00845405	67008.45405	24458085.73	10,548,851.00			
						45,927,476.00			

Table 7. On-Road Vehicles - Operational

Scenario	Annual VMT	Fuel Consumption (gal)		
		Gasoline	Diesel	Total
Existing	869,340	33,505	8,117	41,622
Future Project	1,268,397	48,884	11,843	60,728

Table 8. Fuel Consumption Summary

Fuel	Fuel Efficiency (MPG)	%Fleet	%Existing
Gasoline	23.9	92.0%	93.0%
Diesel	8.6	8.0%	7.0%

Notes:

Percent fleet based on VMT from EMFAC2014 as shown in **Table 9: EMFAC2014 Emissions Inventory-Operations**. Existing annual VMT obtained from the Traffic Study for the Mission Bell Mixed-Use Development Project and mitigated/unmitigated VMT obtained from CalEEMod (see **Appendix B**).

Fuel efficiency based on calculations in **Table 9: EMFAC2014 Emissions Inventory-Operations**, from EMFAC2014.

Table 9. EMFAC2014 Emissions Inventory - Operations

Fuel	VMT (miles/day)	Fuel Consumption (1,000 gal/day)	Fuel Efficiency (miles per gallon)	Fuel Percentage
GAS	214,954,591	9,005	23.9	92
DSL	17,634,433	2,058	8.6	8

Existing VMT	Fuel Consumption	Fuel Efficiency	Fuel Percentage
214,170,492	10,063	21.3	93
15,489,671	1,940	8.0	7

Note: Fuel percentage based on VMT.

Fuel efficiency calculated using fuel consumption and VMT from EMFAC2014.

Buildout

EMFAC2014 (v1.0.7) Emissions Inventory

Region Type: Sub-Area

Region: Los Angeles (SC)

Calendar Year: 2023

Season: Annual

Vehicle Classification: EMFAC2011 Categories

Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	CalYr	VehClass	MdlYr	Speed	Fuel	Population	VMT	Trips	Fuel_Consumption
Los Angeles (SC)	2023	All Other Buses	Aggregated	Aggregated	DSL	3387.398748	229353.6701	0	26.6328329
Los Angeles (SC)	2023	LDA	Aggregated	Aggregated	DSL	39641.16306	1369614.253	247603.77	35.1256781
Los Angeles (SC)	2023	LDT1	Aggregated	Aggregated	DSL	383.8663264	10469.95954	2009.8821	0.38513402
Los Angeles (SC)	2023	LDT2	Aggregated	Aggregated	DSL	2796.650002	101698.7398	17951.589	3.43096135
Los Angeles (SC)	2023	LHD1	Aggregated	Aggregated	DSL	53164.33779	1970778.797	668740.49	93.8635721
Los Angeles (SC)	2023	LHD2	Aggregated	Aggregated	DSL	25095.25143	996851.1765	315666.69	51.8958978
Los Angeles (SC)	2023	MDV	Aggregated	Aggregated	DSL	17384.91206	628080.063	111338.76	27.2652024
Los Angeles (SC)	2023	MH	Aggregated	Aggregated	DSL	4718.536557	42073.42434	471.85366	4.11615979
Los Angeles (SC)	2023	Motor Coach	Aggregated	Aggregated	DSL	823.4756607	123869.8728	0	20.758883
Los Angeles (SC)	2023	PTO	Aggregated	Aggregated	DSL	0	100081.6312	0	19.1451673
Los Angeles (SC)	2023	SBUS	Aggregated	Aggregated	DSL	2767.623855	104808.4718	0	14.4129217
Los Angeles (SC)	2023	T6 Ag	Aggregated	Aggregated	DSL	152.7504738	2596.331899	0	0.32182028
Los Angeles (SC)	2023	T6 CAIRP heavy	Aggregated	Aggregated	DSL	131.5387141	7078.133771	0	0.78908559
Los Angeles (SC)	2023	T6 CAIRP small	Aggregated	Aggregated	DSL	331.2580718	21728.12374	0	2.45091819
Los Angeles (SC)	2023	T6 instate construction heavy	Aggregated	Aggregated	DSL	1775.05335	134700.8394	0	15.684539
Los Angeles (SC)	2023	T6 instate construction small	Aggregated	Aggregated	DSL	6037.647986	356167.4117	0	40.6590441
Los Angeles (SC)	2023	T6 instate heavy	Aggregated	Aggregated	DSL	20556.72707	1039755.307	0	118.124252
Los Angeles (SC)	2023	T6 instate small	Aggregated	Aggregated	DSL	43117.15273	2636672.201	0	301.287446
Los Angeles (SC)	2023	T6 OOS heavy	Aggregated	Aggregated	DSL	76.54392234	4055.504643	0	0.45228607
Los Angeles (SC)	2023	T6 OOS small	Aggregated	Aggregated	DSL	189.798426	12449.39833	0	1.40428401
Los Angeles (SC)	2023	T6 Public	Aggregated	Aggregated	DSL	4086.556695	68417.20754	0	8.06206517

Los Angeles (SC)	2023 T6 utility	Aggregated	Aggregated	DSL	867.8600502	16400.30951	0	1.93453451
Los Angeles (SC)	2023 T7 Ag	Aggregated	Aggregated	DSL	114.0257819	1962.159535	0	0.38258892
Los Angeles (SC)	2023 T7 CAIRP	Aggregated	Aggregated	DSL	4731.401599	1100062.714	0	173.416138
Los Angeles (SC)	2023 T7 CAIRP construction	Aggregated	Aggregated	DSL	395.2769631	95555.74903	0	15.1706902
Los Angeles (SC)	2023 T7 NNOOS	Aggregated	Aggregated	DSL	5215.48438	1364079.134	0	209.520036
Los Angeles (SC)	2023 T7 NOOS	Aggregated	Aggregated	DSL	1899.512906	434524.4476	0	69.8098798
Los Angeles (SC)	2023 T7 POLA	Aggregated	Aggregated	DSL	9083.167655	1493375.49	0	249.525128
Los Angeles (SC)	2023 T7 Public	Aggregated	Aggregated	DSL	4950.054704	113450.63	0	22.2545554
Los Angeles (SC)	2023 T7 Single	Aggregated	Aggregated	DSL	4924.974759	504031.0996	0	79.6415516
Los Angeles (SC)	2023 T7 single construction	Aggregated	Aggregated	DSL	2548.076324	247190.1501	0	38.7845789
Los Angeles (SC)	2023 T7 SWCV	Aggregated	Aggregated	DSL	4155.623727	191410.0261	0	71.6630088
Los Angeles (SC)	2023 T7 tractor	Aggregated	Aggregated	DSL	11459.70066	1574881.854	0	237.620897
Los Angeles (SC)	2023 T7 tractor construction	Aggregated	Aggregated	DSL	2053.711987	184298.5267	0	29.0868545
Los Angeles (SC)	2023 T7 utility	Aggregated	Aggregated	DSL	374.5534168	8559.539306	0	1.61223416
Los Angeles (SC)	2023 UBUS	Aggregated	Aggregated	DSL	3105.92351	343351.1472	12423.694	71.534527
Los Angeles (SC)	2023 LDA	Aggregated	Aggregated	ELEC	181580.3497	7721158.856	1182340.6	0
Los Angeles (SC)	2023 LDT1	Aggregated	Aggregated	ELEC	254.1940096	7591.598644	1523.7999	0
Los Angeles (SC)	2023 LDA	Aggregated	Aggregated	GAS	3688286.399	121578083.4	23257782	4174.00134
Los Angeles (SC)	2023 LDT1	Aggregated	Aggregated	GAS	328048.3117	10795440.51	2000831	439.021188
Los Angeles (SC)	2023 LDT2	Aggregated	Aggregated	GAS	1409570.399	49588049.81	8941855.3	2233.74274
Los Angeles (SC)	2023 LHD1	Aggregated	Aggregated	GAS	59532.2102	1719920.81	886941.23	155.769592
Los Angeles (SC)	2023 LHD2	Aggregated	Aggregated	GAS	14448.061	508790.3506	215254.58	49.3248209
Los Angeles (SC)	2023 MCY	Aggregated	Aggregated	GAS	188570.6711	1233535.949	377103.63	35.9946766
Los Angeles (SC)	2023 MDV	Aggregated	Aggregated	GAS	852667.7992	28178618.18	5321330.7	1714.78322
Los Angeles (SC)	2023 MH	Aggregated	Aggregated	GAS	19156.70652	163297.1646	1916.4369	22.3207627
Los Angeles (SC)	2023 OBUS	Aggregated	Aggregated	GAS	5895.808445	260294.6168	117963.34	36.4532564
Los Angeles (SC)	2023 SBUS	Aggregated	Aggregated	GAS	1504.392634	56096.03801	6017.5705	4.87285066
Los Angeles (SC)	2023 T6TS	Aggregated	Aggregated	GAS	12235.76078	627894.1656	244813.1	89.4466333
Los Angeles (SC)	2023 T7IS	Aggregated	Aggregated	GAS	544.44294	73863.50893	10893.214	15.3712132
Los Angeles (SC)	2023 UBUS	Aggregated	Aggregated	GAS	1542.733439	170706.8162	6170.9338	33.6771332

	VMT Sum	Fuel Sum	Fuel Sum/Year
Diesel	17634433.49	2058.225355	751,252,255
Gas	214954591.3	9004.77942	3,286,744,488
		Total	4,037,996,743

Existing

EMFAC2014 (v1.0.7) Emissions Inventory

Region Type: Sub-Area

Region: Los Angeles (SC)

Calendar Year: 2019

Season: Annual

Vehicle Classification: EMFAC2011 Categories

Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	CalYr	VehClass	MdlYr	Speed	Fuel	Population	VMT	Trips	Fuel_Consumption
Los Angeles (SC)	2019	All Other Buses	Aggregated	Aggregated	DSL	2944.917789	198025.218	0	23.5718403
Los Angeles (SC)	2019	LDA	Aggregated	Aggregated	DSL	31077.04915	1147736.749	191893.65	32.8542269
Los Angeles (SC)	2019	LDT1	Aggregated	Aggregated	DSL	455.9665297	12702.09137	2385.39	0.50559449
Los Angeles (SC)	2019	LDT2	Aggregated	Aggregated	DSL	2077.240417	82276.28394	13407.201	3.06712641
Los Angeles (SC)	2019	LHD1	Aggregated	Aggregated	DSL	45130.16655	1766614.424	567680.72	87.3344448
Los Angeles (SC)	2019	LHD2	Aggregated	Aggregated	DSL	20416.19759	860177.9599	256810.08	46.6206398
Los Angeles (SC)	2019	MDV	Aggregated	Aggregated	DSL	12370.32183	487892.4497	79537.118	23.4793319
Los Angeles (SC)	2019	MH	Aggregated	Aggregated	DSL	4361.785889	40413.51655	436.17859	4.00803937
Los Angeles (SC)	2019	Motor Coach	Aggregated	Aggregated	DSL	743.0725353	109658.0121	0	19.3558906
Los Angeles (SC)	2019	PTO	Aggregated	Aggregated	DSL	0	92516.1183	0	19.6127301
Los Angeles (SC)	2019	SBUS	Aggregated	Aggregated	DSL	2735.37767	104548.9599	0	14.518308
Los Angeles (SC)	2019	T6 Ag	Aggregated	Aggregated	DSL	147.0587557	2596.331899	0	0.31497853
Los Angeles (SC)	2019	T6 CAIRP heavy	Aggregated	Aggregated	DSL	115.9864658	6266.044044	0	0.72105702
Los Angeles (SC)	2019	T6 CAIRP small	Aggregated	Aggregated	DSL	295.5360063	19235.20871	0	2.21801287
Los Angeles (SC)	2019	T6 instate construction heavy	Aggregated	Aggregated	DSL	1728.065122	124960.4697	0	14.6569069
Los Angeles (SC)	2019	T6 instate construction small	Aggregated	Aggregated	DSL	5702.723599	330412.5443	0	38.4863031
Los Angeles (SC)	2019	T6 instate heavy	Aggregated	Aggregated	DSL	17430.91261	895060.5639	0	104.219649
Los Angeles (SC)	2019	T6 instate small	Aggregated	Aggregated	DSL	38694.19438	2287430.89	0	265.956191
Los Angeles (SC)	2019	T6 OOS heavy	Aggregated	Aggregated	DSL	68.5355807	3590.207749	0	0.41356568
Los Angeles (SC)	2019	T6 OOS small	Aggregated	Aggregated	DSL	169.3310249	11021.0517	0	1.27083802
Los Angeles (SC)	2019	T6 Public	Aggregated	Aggregated	DSL	3955.317333	65086.14181	0	7.77050092
Los Angeles (SC)	2019	T6 utility	Aggregated	Aggregated	DSL	812.8311028	15727.2511	0	1.90866362
Los Angeles (SC)	2019	T7 Ag	Aggregated	Aggregated	DSL	116.0976309	1962.159535	0	0.3673959
Los Angeles (SC)	2019	T7 CAIRP	Aggregated	Aggregated	DSL	4700.884148	973850.1193	0	167.339865
Los Angeles (SC)	2019	T7 CAIRP construction	Aggregated	Aggregated	DSL	375.4304308	88646.005	0	15.2295393
Los Angeles (SC)	2019	T7 NNOOS	Aggregated	Aggregated	DSL	4815.768824	1207575.36	0	193.805109
Los Angeles (SC)	2019	T7 NOOS	Aggregated	Aggregated	DSL	1903.697662	384670.5099	0	67.4940511
Los Angeles (SC)	2019	T7 POLA	Aggregated	Aggregated	DSL	8133.807289	1200091.393	0	222.419645
Los Angeles (SC)	2019	T7 Public	Aggregated	Aggregated	DSL	4706.804205	107857.9991	0	21.8567377
Los Angeles (SC)	2019	T7 Single	Aggregated	Aggregated	DSL	4849.520586	465929.6642	0	79.0807343
Los Angeles (SC)	2019	T7 single construction	Aggregated	Aggregated	DSL	2459.859861	229315.5515	0	38.2545925
Los Angeles (SC)	2019	T7 SWCV	Aggregated	Aggregated	DSL	3930.665097	181037.2332	0	73.082428
Los Angeles (SC)	2019	T7 tractor	Aggregated	Aggregated	DSL	9974.483875	1384135.621	0	227.403482
Los Angeles (SC)	2019	T7 tractor construction	Aggregated	Aggregated	DSL	1929.356239	170971.6923	0	28.8287244
Los Angeles (SC)	2019	T7 utility	Aggregated	Aggregated	DSL	358.6326691	8208.261182	0	1.59161982
Los Angeles (SC)	2019	UBUS	Aggregated	Aggregated	DSL	3657.073548	421471.2637	14628.294	90.5367235
Los Angeles (SC)	2019	LDA	Aggregated	Aggregated	ELEC	56704.708	2618544.307	369594.57	0
Los Angeles (SC)	2019	LDT1	Aggregated	Aggregated	ELEC	314.0463249	9634.405025	1896.4249	0
Los Angeles (SC)	2019	LDA	Aggregated	Aggregated	GAS	3596017.626	123207137.2	22645130	4743.93266
Los Angeles (SC)	2019	LDT1	Aggregated	Aggregated	GAS	315750.3446	10640409.54	1917507.2	484.63893
Los Angeles (SC)	2019	LDT2	Aggregated	Aggregated	GAS	1283290.441	46737089.49	8116771.3	2399.55542

Los Angeles (SC)	2019 LHD1	Aggregated	Aggregated	GAS	72850.45118	2197787.086	1085363.2	202.511776
Los Angeles (SC)	2019 LHD2	Aggregated	Aggregated	GAS	15243.61853	542913.7482	227107.2	53.9946287
Los Angeles (SC)	2019 MCY	Aggregated	Aggregated	GAS	163245.0788	1123841.41	326457.51	32.6708538
Los Angeles (SC)	2019 MDV	Aggregated	Aggregated	GAS	835359.7289	28404092.7	5207320.2	1944.97345
Los Angeles (SC)	2019 MH	Aggregated	Aggregated	GAS	19957.99807	170633.3053	1996.5981	23.8163866
Los Angeles (SC)	2019 OBUS	Aggregated	Aggregated	GAS	5346.258754	249511.2493	106967.95	35.6017846
Los Angeles (SC)	2019 SBUS	Aggregated	Aggregated	GAS	1186.1632	46133.0219	4744.6528	4.05791491
Los Angeles (SC)	2019 T6TS	Aggregated	Aggregated	GAS	12064.45081	629224.8494	241385.53	91.6808779
Los Angeles (SC)	2019 T7IS	Aggregated	Aggregated	GAS	487.533173	66102.51932	9754.5637	14.3419046
Los Angeles (SC)	2019 UBUS	Aggregated	Aggregated	GAS	1348.459456	155615.8123	5393.8378	31.3461813

	VMT Sum	Fuel Sum	Fuel Sum/Year
Diesel	15489671.32	1940.155486	708,156,752
Gas	214170491.9	10063.12278	3,673,039,813
			4,381,196,566
Difference		42739.70397	3.560669263