Appendix D

Energy Calculations

Sunset Western

Summary of Energy Use During Construction

Electricty	
Water Consumption	14,526 kWh
Temporary Power (lighting, tools)	26,309 kWh
Total:	40,835 kWh
Gasoline	
On Road	162,744 Gallons
Off Road	0 Gallons
Total:	162,744 Gallons
Diesel	
On Road	315,194 Gallons
Off Road	132,413 Gallons
Total:	447,607 Gallons
Total Mobile	610,351

Summary of Energy Use During Operations

		Baseline (Buildout)	Buildout Without Project Features/MXD	Buildout With Project Features/MXD		Percent Reduction due to Project Features	Project Without Project Features - Baseline (Buildout)	Project (Buildout - Baseline (Buildout)
Electricity		2 224 476	7.447.674	6.574.004	1344 /	00/	2 706 400	2 242 542
Electricity (building)		3,331,476	7,117,674	6,574,024	kWh/year	-8%	3,786,198	3,242,548
Electricity (water)		124,218	955,691	764,553	kWh/year	-20%	831,473	640,335
EV Chargers		0	93,891	93,891	kWh/year	0%	93,891	93,891
	Electricity Total	3,455,694	8,167,256	7,432,468	kWh/year	-9%	4,711,562	3,976,774
Natural Gas		2,618,926	7,568,314	7,534,329	cu ft/year	0%	4,949,389	4,915,403
Mobile								
Gasoline		496,228	1,002,288	711,061	Gallons/year	-29%	506,060	214,834
Diesel		100,501	202,994	144,012	Gallons/year	-29%	102,493	43,510
	Mobile Total	596,729	1,205,282	855,073	Gallons/year	-29%	608,552	258,345

Construction Electricity Usage

Construction Electricity Usage

Caterpillar 40-C4.4 Generator^a

Peak Power Rating - Prime (kW)	36
Typical Load	70%
Average Output (kW)	25.2
Hours per Day	2
Average Daily Output (kWh)	50.4
Building Construction Phase Duration (days)	522
Total Construction (kWh)	26,309
Total Construction (MWh)	26.3

^ahttps://www.albancat.com/content/uploads/2014/06/40-C4.4-Spec-Sheet.pdf

Calculation of Diesel Usage During Cosnstruciton (Offroad Equipment):

Phase Name	Off Road Equipment Type	Units I	Hours H	Load Factor	Avg. Daily Factor	Number of Days	Diesel Fuel Usage
Demolition	Concrete/Industrial Saws	1	8 8	1 0.73	0.6	44	624
emolition	Excavators	2	8 15	8 0.38	0.6	44	1,268
Demolition	Generator Sets	1	8 8	4 0.74	0.6	44	656
Demolition	Other Construction Equipment	1	2 17	2 0.42	0.6	44	191
Demolition	Rubber Tired Dozers	0	8 24	7 0.4	0.6	44	0
Demolition	Rubber Tired Loaders	1	8 20	3 0.36	0.6	44	772
Demolition	Skid Steer Loaders	1	8 6	5 0.37	0.6	44	254
emolition	Tractors/Loaders/Backhoes	2	8 9	7 0.37	0.6	44	758
Grading	Bore/Drill Rigs	2	8 22	1 0.5	0.6	154	8,168
Grading	Cranes	1	8 23	1 0.29	0.6	154	2,476
Grading	Excavators	3	8 15			154	6,657
Grading	Generator Sets	1	8 8			154	2,297
Grading	Other Construction Equipment	1	2 17			154	667
Grading	Pumps	1	8 8			154	2,297
Grading	Rubber Tired Dozers	1	8 24			154	3,652
Grading	Tractors/Loaders/Backhoes	0	8 9			154	0
Grading	Welders	1	8 4			154	765
fading 1at Foundation	Cranes	0	7 23			19	0
lat Foundation	Cranes Forklifts	0	8 8			19 19	0
lat Foundation		1					
at Foundation	Generator Sets	5	8 8 12 8			19 19	283 2.126
at Foundation	Pumps	0	7 9			19	2,126
	Tractors/Loaders/Backhoes	0					0
at Foundation	Welders	•	8 4			19	
ncrete - Foundation to Grade	Forklifts	3	8 8			178	2,281
ncrete - Foundation to Grade	Generator Sets	1	8 8			178	2,655
ncrete - Foundation to Grade	Plate Compactors	2		8 0.43		178	294
oncrete - Foundation to Grade	Pumps	2	8 8			178	5,311
ncrete - Foundation to Grade	Tractors/Loaders/Backhoes	0	7 9		0.6	178	0
ncrete - Foundation to Grade	Welders	1	8 4			178	884
ilding Construction - Structure, Shell,		3	8 6		0.6	522	7,340
ilding Construction - Structure, Shell,	•	3	8 7			522	14,071
ilding Construction - Structure, Shell,		1		9 0.56		522	631
ilding Construction - Structure, Shell,		0	7 23			522	0
uilding Construction - Structure, Shell,	Exteri/Forklifts	3	8 8			522	6,690
uilding Construction - Structure, Shell,	Exteri Generator Sets	1	8 8	4 0.74	0.6	522	7,787
uilding Construction - Structure, Shell,	Exteri/Tractors/Loaders/Backhoes	2	8 9	7 0.37	0.6	522	8,993
uilding Construction - Structure, Shell,	Exteri Welders	3	8 4	6 0.45	0.6	522	7,780
uilding Construction - Finishing	Aerial Lifts	4	8 6	3 0.31	0.6	433	8,118
uilding Construction - Finishing	Air Compressors	4	8 7	8 0.48	0.6	433	15,563
uilding Construction - Finishing	Forklifts	0	8 8	9 0.2	0.6	433	0
ilding Construction - Finishing	Generator Sets	0	8 8	4 0.74	0.6	433	0
ilding Construction - Finishing	Tractors/Loaders/Backhoes	0	7 9	7 0.37	0.6	433	0
illding Construction - Finishing	Welders	0	8 4	6 0.45	0.6	433	0
rchitectural Coating	Air Compressors	0	6 7			261	0
aving	Pavers	0	8 13			65	0
aving	Paving Equipment	1	8 13			65	741
aving	Skid Steer Loaders	2	8 6			65	750
aving	Trenchers	1	8 7			65	608
						e for Construction (Off	

gallons of diesel fuel per horsepower-hour=

0.05

Notes: Equipment assumptions are provide in the CalEEMod output files and fuel usage estimate of 0.05 gallons of diesel fuel per horsepower-hour is from the SCAQMD CEQA Air Quality Handbook, Table A9-3E.

Page 1 of 1 2:47 PM 5/7/2020

EMFAC2017 Emissions Inventory

Region Type: Air Basin Region: South Coast

Calendar Year: 2022

Season: Annual

Vehicle Classification: EMFAC2011 Categories

Region	Veh_Class	Fuel	Speed	Population	VMT	Trips	Fuel_Gas	Fuel_DSL	Miles per Gallon
			(miles/hr)	(vehicles)	(miles/day)	(trips/day)	(1000 gallons/day)	(1000 gallons/day)	
South Coast	LDA	GAS	Aggregate	6,370,883	246,404,319	30,101,253	7,990	0	30.8
South Coast	LDT1	GAS	Aggregate	716,397	26,563,675	3,305,301	1,003	0	26.5
South Coast	LDT2	GAS	Aggregate	2,182,002	82,381,240	10,234,301	3,340	0	24.7
						Construction	Worker Trip (Compo	site LDA/LDT1/LDT2):	28.2
South Coast	HHDT	DSL	Aggregate	98,508	11,795,119	994,225	0	1763.0	6.7

Notes: Consistent with CalEEMod, a construction worker trip is assumed to be a composite of 50% LDA, 25% for LDT1, and 25% for LDT2. Used EMFAC 2011 Categories for construction as EMFAC2011 has specific categories for vehicle class T7.

Calculation of Gasoline and Diesel Usage During Phase 1 Construction (Onroad Vehicles):

Phase Name	Daily Woker Trips	Daily Vendor Trips	Days	Total Worker Trips	Total Vendor Trips	Total Haul Trips	Trip Len	gth (miles)		Tota	l Length (mi	les)	Avg. Daily Factor	Gallons	of Fuel
							Worker	Vendor	Haul	Worker	Vendor	Haul	(worker and vendor)	Gasoline	Diesel
Demolition	100	0	44	4400	0	2200	14.7	6.9	25	64680	0	55000	0.6	1,375.9	8,220.7
Grading	64	10	154	9856	1540	55440	14.7	6.9	25	144883.2	10626	1386000	0.6	3,081.9	208,114.8
Mat Foundation	100	700	19	1900	13300	0	14.7	6.9	20	27930	91770	0	0.6	594.1	8,230.0
Concrete - Foundation to Grade	100	400	178	17800	71200	0	14.7	6.9	20	261660	491280	0	0.6	5,566.0	44,058.2
Building Construction - Structure, Shell, Ex	100	110	522	52200	57420	0	14.7	6.9	20	767340	396198	0	0.6	16,322.7	35,531.2
Building Construction - Finishing	1000	40	433	433000	17320	0	14.7	6.9	20	6365100	119508	0	0.6	135,396.7	10,717.5
Architectural Coating	0	0	261	0	0	0	14.7	6.9	20	0	0	0	0.6	0.0	0.0
Paving	20	8	65	1300	520	0	14.7	6.9	20	19110	3588	0	0.6	406.5	321.8
													Total:	162,743.7	315,194.3

Worker Miles per gallon= 28.21 gasoline Vedor/Haul miles per gallon= 6.69 diesel

Notes: Consistent with CalEEMod worker vehicles are assumed to be gasoline and 50% LDA, 25%LDT1, and 25% LDT2. Vendor and haul trips are assumed to be 100% diesel Heavy Duty Trucks (T7).

Water Usage for Control of Fugitive Dust during Construction:

Phase	Days	Average Daily Acreage Distrubed	Gallons Per Year	Electricity (kWhr)
Demolition	44	2.0	265,760	2,585
Grading	154	2.0	930,160	9,048
Mat Foundation	19	0.5	28,690	279
Concrete - Foundation to Grade	178	0.5	268,780	2,614
Building Construction - Structure, Shell	, 522	0	0	0
Building Construction - Finishing	433	0	0	0
Architectural Coating	261	0	0	0
Paving	65	0	0	0
		Tot	al: 1,493,390	14,526

Water application rate= 3020 gal/acre/day kWhr equivalent= 0.01 kWhr

Notes: 1) Gallons per year of water usage for dust control is calculated based on a minimum control efficiency of 66% (three times daily) with an application rate of 3,020 gal/acre/day (Air & Waste Management Association Air Pollution Engineering Manual (1992 Edition)) and average of 26 construction days per month.

2) CalEEMod Default: Each gallon of delivered potable water in Southern California is associated with 0.009727 kWhr of electricity).

EMFAC2017 Emissions Inventory
Region Type: Air Basin
Region: South Coast
Calendar Year: 2026
Season: Annual
Vehicle Classification: EMFAC2007 Categories

Region	CalYr	Season	Veh_Class	Fuel	MdYr	Speed	Population	VMT	Trips	Fuel_Gas	Fuel_DSL			
						(miles/hr)	(vehicles)	(miles/day)	(trips/day)	(1000 gallons/day)	(1000 gallons/day)			
South Coast	2026	Annual	HHDT	DSL	Aggregated	Aggregated	105,675	12,751,065	1,083,231	0.00	1,706.12	='		
South Coast	2026	Annual	HHDT	GAS	Aggregated	Aggregated	72	9,056	1,448	1.98	0.00			
South Coast	2026	Annual	LDA	DSL	Aggregated	Aggregated	69,487	2,662,198	331,543	0.00	49.43			
South Coast	2026	Annual	LDA	GAS	Aggregated	Aggregated	6,704,944	246,806,990	31,652,207	7,181.31	0.00			
South Coast	2026	Annual	LDT1	DSL	Aggregated	Aggregated	271	6,523	972	0.00	0.27			
South Coast	2026	Annual	LDT1	GAS	Aggregated	Aggregated	797,972	28,250,579	3,694,973	965.17	0.00			
South Coast	2026	Annual	LDT2	DSL	Aggregated	Aggregated	18,736	731,082	91,137	0.00	18.48			
South Coast	2026	Annual	LDT2	GAS	Aggregated	Aggregated	2,335,277	84,175,951	10,957,538	2,984.26	0.00			
South Coast	2026	Annual	LHDT1	DSL	Aggregated	Aggregated	139,023	5,295,410	1,748,738	0.00	230.79			
South Coast	2026	Annual	LHDT1	GAS	Aggregated	Aggregated	168,489	5,874,475	2,510,232	530.41	0.00			
South Coast	2026	Annual	LHDT2	DSL	Aggregated	Aggregated	55,913	2,060,893	703,310	0.00	99.61			
South Coast	2026	Annual	LHDT2	GAS	Aggregated	Aggregated	29,463	989,949	438,956	102.88	0.00			
South Coast	2026	Annual	MCY	GAS	Aggregated	Aggregated	322,523	2,094,696	645,046	58.10	0.00			
South Coast	2026	Annual	MDV	DSL	Aggregated	Aggregated	42,426	1,571,040	205,257	0.00	51.68			
South Coast	2026	Annual	MDV	GAS	Aggregated	Aggregated	1,572,718	53,374,931	7,287,784	2,344.22	0.00			
South Coast	2026	Annual	MH	DSL	Aggregated	Aggregated	13,541	124,597	1,354	0.00	11.23			
South Coast	2026	Annual	MH	GAS	Aggregated	Aggregated	32,760	313,616	3,277	57.32	0.00			
South Coast	2026	Annual	MHDT	DSL	Aggregated	Aggregated	134,072	8,355,583	1,362,242	0.00	713.12			
South Coast	2026	Annual	MHDT	GAS	Aggregated	Aggregated	25,396	1,292,911	508,129	240.62	0.00			
South Coast	2026	Annual	OBUS	DSL	Aggregated	Aggregated	4,742	345,782	46,109	0.00	37.71			
South Coast	2026	Annual	OBUS	GAS	Aggregated	Aggregated	5,826	225,084	116,563	42.00	0.00			
South Coast	2026	Annual	SBUS	DSL	Aggregated	Aggregated	6,505	205,751	75,067	0.00	25.74			
South Coast	2026	Annual	SBUS	GAS	Aggregated	Aggregated	3,163	121,040	12,653	12.79	0.00			
South Coast	2026	Annual	UBUS	DSL	Aggregated	Aggregated	6	776	25	0.00	0.14			
South Coast	2026	Annual	UBUS	GAS	Aggregated	Aggregated	975	91,363	3,900	16.60	0.00			
												MPG	Gallons P	er Mile
							Totals	457,731,340.49	l .	14,537.67	2,944.32	26.	2	0.04
							Total (GAS)	423,620,640.66	0.93			29.	1	0.03
							Total (DSL)	34,110,699.83	0.07			11.	6	0.09

Baseline Year

Calendar Year: 2017
Season: Annual
Vehicle Classification: EMFAC2007 Categories

Region	CalYr	Season	Veh_Class	Fuel	MdYr	Speed	Population	VMT	Trips	Fuel_Gas	Fuel_DSL	ĺ		
						(miles/hr)	(vehicles)	(miles/day)	(trips/day)	(1000 gallons/day)	(1000 gallons/day)	ĺ		
South Coast	2017	Annual	HHDT	DSL	Aggregated	Aggregated	92,086	11,035,510	918,238	0.00	1,756.36			
South Coast	2017	Annual	HHDT	GAS	Aggregated	Aggregated	101	7,659	2,026	2.00	0.00			
South Coast	2017	Annual	LDA	DSL	Aggregated	Aggregated	45,875	1,896,329	216,399	0.00	42.12			
South Coast	2017	Annual	LDA	GAS	Aggregated	Aggregated	6,081,048	244,446,391	28,695,373	8,546.80	0.00			
South Coast	2017	Annual	LDT1	DSL	Aggregated	Aggregated	482	11,462	1,689	0.00	0.52			
South Coast	2017	Annual	LDT1	GAS	Aggregated	Aggregated	651,943	24,807,246	2,983,370	1,008.68	0.00			
South Coast	2017	Annual	LDT2	DSL	Aggregated	Aggregated	9,665	445,810	48,035	0.00	13.63			
South Coast	2017	Annual	LDT2	GAS	Aggregated	Aggregated	2,073,197	80,872,282	9,694,322	3,631.58	0.00			
South Coast	2017	Annual	LHDT1	DSL	Aggregated	Aggregated	97,013	4,044,995	1,220,296	0.00	195.55			
South Coast	2017	Annual	LHDT1	GAS	Aggregated	Aggregated	175,207	6,463,196	2,610,330	629.75	0.00			
South Coast	2017	Annual	LHDT2	DSL	Aggregated	Aggregated	37,900	1,552,333	476,734	0.00	83.01			
South Coast	2017	Annual	LHDT2	GAS	Aggregated	Aggregated	28,635	1,024,337	426,614	114.60	0.00			
South Coast	2017	Annual	MCY	GAS	Aggregated	Aggregated	259,354	1,869,286	518,708	51.29	0.00			
South Coast	2017	Annual	MDV	DSL	Aggregated	Aggregated	23,710	1,023,301	117,204	0.00	40.71			
South Coast	2017	Annual	MDV	GAS	Aggregated	Aggregated	1,497,221	54,845,361	6,911,949	2,999.26	0.00			
South Coast	2017	Annual	MH	DSL	Aggregated	Aggregated	11,071	110,800	1,107	0.00	10.76			
South Coast	2017	Annual	MH	GAS	Aggregated	Aggregated	35,590	335,289	3,560	67.31	0.00			
South Coast	2017	Annual	MHDT	DSL	Aggregated	Aggregated	114,051	7,128,971	1,136,926	0.00	714.72			
South Coast	2017	Annual	MHDT	GAS	Aggregated	Aggregated	24,591	1,348,347	492,013	274.04	0.00			
South Coast	2017	Annual	OBUS	DSL	Aggregated	Aggregated	4,004	293,205	39,273	0.00	37.06			
South Coast	2017	Annual	OBUS	GAS	Aggregated	Aggregated	5,873	259,979	117,514	53.24	0.00			
South Coast	2017	Annual	SBUS	DSL	Aggregated	Aggregated	6,233	197,082	71,923	0.00	26.67			
South Coast	2017	Annual	SBUS	GAS	Aggregated	Aggregated	2,128	88,942	8,510	9.98	0.00			
South Coast	2017	Annual	UBUS	DSL	Aggregated	Aggregated	18	1,877	73	0.00	0.30			
South Coast	2017	Annual	UBUS	GAS	Aggregated	Aggregated	931	87,702	3,725	18.65	0.00			
													6.11	
							Takala	444 407 604 30		47 407 40	2.024.42	MPG	Gallons	
							Totals	444,197,691.29		17,407.18	2,921.42	21.		0.05
							Total (GAS)	416,456,015.85				23.		0.04
							Total (DSL)	27,741,675.44	0.06			9.	5	0.11

Sunset Western - Existing Conditions

Los Angeles-South Coast County, Annual

Trip Summary Information

Total		Avera	ige Daily Trip F	Rate	Annual VMT
		Weekday	Saturday	Sunday	
Т	otal	9,896.00	14,252.94	14,252.94	15,624,179

Gasoline and Diesel Usage

_						
н	111	ın	\sim	ιt	v	ear

	Gasoline	Diesel
Miles/Gallon	29.1	11.6
% Fleet Mix	92.5%	7.5%
Total (Gallons):	496,228	100,501

Existing (Baseline) Year

Gasoline	Diesel
23.9	9.5
93.8%	6.2%
612,279	102,758

Energy by Land Use - Natural Gas

Total		kBTU/yr	cu ft/year
	Total	2,749,872	2,618,926

Energy by Land Use - Electricity

Land Uses		kWH/yr
	Total	3,331,476

Water Detail

			Electricity
	Indoor Use	Outdoor	Use
Land Uses	(Mgal)	Use (Mgal)	(kWh/yr)
Total	10.85	0.37	124,218

Notes: Indoor water results in 0.0111 kWhr of electricity usage per gallon from delivery, treatment, and distribution of water within Southern California (CalEEMod). Outdoor water results in 0.009727 kWhr of electricity usage per gallon from delivery and distribution of water within Southern California (CalEEMod).

Sunset Western - Buildout Operations Without Project Features/MXD Los Angeles-South Coast County, Annual

Total	Average Daily Trip Rate			Annual VMT
	Weekday	Saturday	Sunday	
	15,440	22,238	22,238	31,557,924

Gasoline and Diesel Usage

	Gasoline	Diesel
Miles/Gallon	29.1	11.6
% Fleet Mix	92.5%	7.5%
Total (Gallons):	1,002,288	202,994

Energy by Land Use - Natural Gas

Land Uses		kBTU/yr	cu ft/year
	Total	7,946,730	7,568,314

Energy by Land Use - Electricity

Land Uses		kWH/yr
	Total	7,117,674

Water Detail (Unmitigated)

		Indoor Use	Outdoor Use	Electricity Use
Land Uses		(Mgal)	(Mgal)	(kWh/yr)
	Total	58.32	31.63	955,691

Notes: Indoor water results in 0.0111 kWhr of electricity usage per gallon from delivery, treatment, and distribution of water within Southern California (CalEEMod). Outdoor water results in 0.009727 kWhr of electricity usage per gallon from delivery and distribution of water within Southern California (CalEEMod).

Sunset Western - Buildout Operations with Project Fetures and MXD (No MMs) Los Angeles-South Coast County, Annual

Trip Summary Information

Land Uses		Average Daily Trip Rate			Mitigated
		Weekday	Saturday	Sunday	
	Total	11,519	16,591	16,591	22,388,392

Mitigated Gasoline and Diesel Usage

% Fleet Mi. Total (Gallons		7.5% 144,012
Miles/Gallo	n 29.1	11.6
	Gasoline	Diesel

Note: Fleet mix is 92.3% gasoline @ 30.6 miles/gallon and 7.7% diesel @ 12.1 miles/gallon.

Energy by Land Use - Natural Gas (Mitigated)

Land Uses		kBTU/yr	cu ft/year
	Total	7,911,045	7,534,329

Energy by Land Use - Electricity (Mitigated)

Land Uses		kWH/yr
	Total	6,574,024

Note: Reduction in electricity usage reflects implementation of CalGreen and GHG-PDF-1 (Exceed Title 24, Part 6, CEC baseline requriements by 10 percent for energy efficiency, based on 2016 standards and 25% for lighting).

Water Detail (Unmitigated)

		Indoor Use	Outdoor Use	Electricity Use
Land Uses		(Mgal)	(Mgal)	(kWh/yr)
	Total	46.66	25.31	764,553

Notes: Indoor water results in 0.0111 kWhr of electricity usage per gallon from delivery, treatment, and distribution of water within Southern California (CalEEMod). Outdoor water results in 0.009727 kWhr of electricity usage per gallon from delivery and distribution of water within Southern California (CalEEMod). The City of Los Angeles Green Building Code (Chapter IX, Article 9, of the LAMC) requires newly constructed non-residential and high-rise residential buildings to reduce indoor water use by at least 20 percent by: (1) using water saving fixtures or flow restrictions; and/or (2) demonstrating a 20 percent reduction in baseline water

Peak Electricity Demand Calculations

Project Electricity Demand (Operational)

, , , , , , , , , , , , , , , , , , , ,		
	Baseline (Existing)	Project
Peak Load Calculation		
Peak Load (kW) ²	912	11,000
Systemwide Peak Load (MW)		5,854
Percent of Peak		0.188%

¹Peak Load is conservatively calculated without any reductions from removal of existing uses.

EMFAC Emission inventories for County

EMFAC2017 Emissions Inventory

Region Type: County Region: Los Angeles

Calendar Year: 2022 (Construction Start Year)

Season: Annual

Vehicle Classification: EMFAC2011 Categories					Fuel_Gasoline	Fue	el_DSL	
Region	CalYr	VehClass	MdlYr	Speed	Fuel	(1000 gallons/da	y) (10	00 gallons/day)
Los Angeles	2022	HHDT	Aggregate	c Aggregate	c DSL	0	.00	1762.99
Los Angeles	2022	HHDT	Aggregate	c Aggregate	c GAS	1	.88	0.00
Los Angeles	2022	LDA	Aggregate	c Aggregate	c DSL	0	.00	47.39
Los Angeles	2022	LDA	Aggregate	c Aggregate	c GAS	7989	.70	0.00
Los Angeles	2022	LDT1	Aggregate	c Aggregate	c DSL	0	.00	0.39
Los Angeles	2022	LDT1	Aggregate	c Aggregate	c GAS	1003	.18	0.00
Los Angeles	2022	LDT2	Aggregate	c Aggregate	c DSL	0	.00	16.65
Los Angeles	2022	LDT2	Aggregate	c Aggregate	c GAS	3339	.89	0.00
Los Angeles	2022	LHDT1	Aggregate	c Aggregate	c DSL	0	.00	217.11
Los Angeles	2022	LHDT1	Aggregate	c Aggregate	c GAS	583	.23	0.00
Los Angeles	2022	LHDT2	Aggregate	c Aggregate	c DSL	0	.00	92.89
Los Angeles	2022	LHDT2	Aggregate	c Aggregate	c GAS	110	.13	0.00
Los Angeles	2022	MCY	Aggregate	c Aggregate	c GAS	54	.92	0.00
Los Angeles	2022	MDV	Aggregate	c Aggregate	c DSL	0	.00	47.80
Los Angeles	2022	MDV	Aggregate	c Aggregate	c GAS	2704	.45	0.00
Los Angeles	2022	MH	Aggregate	c Aggregate	c DSL	0	.00	11.12
Los Angeles	2022	MH	Aggregate	c Aggregate	c GAS	62	.96	0.00
Los Angeles	2022	MHDT	Aggregate	c Aggregate	c DSL	0	.00	720.16
Los Angeles	2022	MHDT	Aggregate	c Aggregate	c GAS	259	.39	0.00
Los Angeles	2022	OBUS	Aggregate	c Aggregate	c DSL	0	.00	37.46
Los Angeles	2022	OBUS	Aggregate	c Aggregate	c GAS	47	.77	0.00
Los Angeles	2022	SBUS	Aggregate	c Aggregate	c DSL	0	.00	26.42
Los Angeles	2022	SBUS	Aggregate	c Aggregate	c GAS	11	.27	0.00
Los Angeles	2022	UBUS	Aggregate	c Aggregate	c DSL	0	.00	0.25
Los Angeles	2022	UBUS	Aggregate	c Aggregate	c GAS	18	.40	0.00
						5,908,313,9	54	1,087,928,967
			Fuel Usa	ge for Proje	ct Construction	162,7	744	447,607
			Percentage	of County f	or Construction	0.002	8%	0.041%

EMFAC Emission inventories for County

EMFAC2017 Emissions Inventory

Region Type: County Region: Los Angeles

Calendar Year: 2026 (Operational Start Year)

Season: Annual

Vehicle Classification: EMFAC2011 Categories			uel_Gasoline	Fuel_DSL
Region	CalYr VehClass	MdlYr Speed Fuel (1000 gallons/day)	(1000 gallons/day)
Los Angeles	2026 HHDT	Aggregatec Aggregatec DSL	0.00	1706.12
Los Angeles	2026 HHDT	Aggregatec Aggregatec GAS	1.98	0.00
Los Angeles	2026 LDA	Aggregatec Aggregatec DSL	0.00	49.43
Los Angeles	2026 LDA	Aggregatec Aggregatec GAS	7181.31	0.00
Los Angeles	2026 LDT1	Aggregatec Aggregatec DSL	0.00	0.27
Los Angeles	2026 LDT1	Aggregatec Aggregatec GAS	965.17	0.00
Los Angeles	2026 LDT2	Aggregatec Aggregatec DSL	0.00	18.48
Los Angeles	2026 LDT2	Aggregatec Aggregatec GAS	2984.26	0.00
Los Angeles	2026 LHDT1	Aggregatec Aggregatec DSL	0.00	230.79
Los Angeles	2026 LHDT1	Aggregatec Aggregatec GAS	530.41	0.00
Los Angeles	2026 LHDT2	Aggregatec Aggregatec DSL	0.00	99.61
Los Angeles	2026 LHDT2	Aggregatec Aggregatec GAS	102.88	0.00
Los Angeles	2026 MCY	Aggregatec Aggregatec GAS	58.10	0.00
Los Angeles	2026 MDV	Aggregatec Aggregatec DSL	0.00	51.68
Los Angeles	2026 MDV	Aggregatec Aggregatec GAS	2344.22	0.00
Los Angeles	2026 MH	Aggregatec Aggregatec DSL	0.00	11.23
Los Angeles	2026 MH	Aggregatec Aggregatec GAS	57.32	0.00
Los Angeles	2026 MHDT	Aggregatec Aggregatec DSL	0.00	713.12
Los Angeles	2026 MHDT	Aggregatec Aggregatec GAS	240.62	0.00
Los Angeles	2026 OBUS	Aggregatec Aggregatec DSL	0.00	37.71
Los Angeles	2026 OBUS	Aggregatec Aggregatec GAS	42.00	
Los Angeles	2026 SBUS	Aggregatec Aggregatec DSL	0.00	
Los Angeles	2026 SBUS	Aggregatec Aggregatec GAS	12.79	0.00
Los Angeles	2026 UBUS	Aggregatec Aggregatec DSL	0.00	0.14
Los Angeles	2026 UBUS	Aggregatec Aggregatec GAS	16.60	0.00
			5,306,248,478	1,074,676,685
		Net Fuel Usage for Project Operation	214,834	
		Percentage of County for Operation	0.0040%	0.0040%