

Appendix D

Energy Calculations

9000 Airport

Draft EIR

Appendix D

Energy Analysis Spreadsheets

- Appendix D: Energy Analysis
 - Energy Consumption Summary
 - Construction Energy Usage (Option 1 and 2)
 - Construction Electricity Consumption
 - Off-Road Equipment
 - On-Road Fuel Usage Rates
 - On-Road Vehicles
 - Construction Water Usage
 - Operational Energy Usage
 - Existing
 - Buildout (Option 1 and 2)
 - EMFAC Operations
 - Implementation of GHG-PDF-1 Energy Calculations
 - Peak Electricity Demand Calculations
 - Total County Fuel Consumption

9000 Airport

Summary of Energy Use During Construction

Option 1

Electricity	
Water Consumption	51,260 kWh
Temporary Power (lighting, tools)	14,263 kWh
Total:	65,524 kWh
Gasoline	
On Road	15,010 Gallons
Off Road	0 Gallons
Total:	15,010 Gallons
Diesel	
On Road	28,350 Gallons
Off Road	54,957 Gallons
Total:	83,307 Gallons
Total Mobile	98,317

Option 2

Electricity	
Water Consumption	54,492 kWh
Temporary Power (	15,422 kWh
Total:	69,914 kWh
Gasoline	
On Road	16,127 Gallons
Off Road	0 Gallons
Total:	16,127 Gallons
Diesel	
On Road	22,848 Gallons
Off Road	58,465 Gallons
Total:	81,314 Gallons
Total Mobile	97,440

Summary of Energy Use During Operations

	Baseline (Buildout)	Buildout Option 1	Buildout Option 2	Project (Buildout-Baseline) (Option 1)	Project (Buildout-Baseline) (Option 2)	Units
Electricity						
Electricity (building)	1,015,417	9,957,937	9,423,144	8,942,520	8,407,727	kWh/year
Electricity (water)	24,990	530,590	497,321	505,600	472,330	kWh/year
EV Charging and Offroad Equipment	0	377,347	280,272	377,347	280,272	kWh/year
Solar Panels		(771,900)	(697,500)	(771,900)	(697,500)	
Electricity Total	1,040,407	10,093,974	9,503,237	9,053,567	8,462,830	kWh/year
Natural Gas						
	1,274,133	0	0	(1,274,133)	(1,274,133)	cu ft/year
Mobile						
Gasoline	555,549	251,889	188,190	(303,659)	(367,359)	Gallons/year
Diesel	94,052	527,061	479,546	433,009	385,494	Gallons/year
Mobile Total	649,601	778,951	667,736	129,350	18,135	Gallons/year

Calculation of Diesel Usage During Construction (Offroad Equipment):

Phase Name	Off Road Equipment Type	Units	Hours	HP	Load Factor	Avg. Daily Factor	Number of Days	Diesel Fuel Usage
Demolition	Air Compressors	1	8	37	0.48	0.6	21	90
Demolition	Other Construction Equipment	1	8	82	0.42	0.6	21	174
Demolition	Excavators	2	8	158	0.38	0.6	21	605
Demolition	Rubber Tired Loaders	2	8	150	0.36	0.6	21	544
Demolition	Tractors/Loaders/Backhoes	2	8	84	0.37	0.6	21	313
Demolition	Rubber Tired Dozers	1	8	367	0.4	0.6	21	740
Grading	Excavators	2	8	158	0.38	0.6	22	634
Grading	Graders	3	8	148	0.41	0.6	22	961
Grading	Other Construction Equipment	1	8	82	0.42	0.6	22	182
Grading	Plate Compactors	3	8	8	0.43	0.6	22	54
Grading	Rollers	3	8	36	0.38	0.6	22	217
Grading	Rubber Tired Dozers	1	8	367	0.4	0.6	22	775
Grading	Scrapers	1	8	423	0.48	0.6	22	1,072
Building Foundation	Concrete/Industrial Saws	1	8	33	0.73	0.6	23	133
Building Foundation	Cement and Mortar Mixers	3	8	10	0.56	0.6	23	93
Building Foundation	Forklifts	2	8	82	0.2	0.6	23	181
Building Foundation	Other Construction Equipment	1	8	82	0.42	0.6	23	190
Building Foundation	Pumps	3	8	11	0.74	0.6	23	135
Building Foundation	Welders	2	8	46	0.45	0.6	23	229
Building Foundation	Plate Compactors	3	8	8	0.43	0.6	23	57
Building Construction	Aerial Lifts	3	8	46	0.31	0.6	283	2,906
Building Construction	Concrete/Industrial Saws	2	8	33	0.73	0.6	283	3,272
Building Construction	Cranes	1	8	367	0.29	0.6	283	7,229
Building Construction	Crawler Tractors	1	8	87	0.43	0.6	283	2,541
Building Construction	Excavators	2	8	158	0.38	0.6	283	8,156
Building Construction	Forklifts	2	8	82	0.2	0.6	283	2,228
Building Construction	Other Construction Equipment	1	8	82	0.42	0.6	283	2,339
Building Construction	Rough Terrain Forklifts	1	8	96	0.4	0.6	283	2,608
Building Construction	Skid Steer Loaders	1	8	71	0.37	0.6	283	1,784
Building Construction	Tractors/Loaders/Backhoes	2	8	84	0.37	0.6	283	4,222
Building Construction	Air Compressors	3	8	37	0.48	0.6	283	3,619
Building Construction	Welders	2	8	46	0.45	0.6	283	2,812
Paving	Graders	1	8	148	0.41	0.6	45	655
Paving	Other Construction Equipment	1	8	82	0.42	0.6	45	372
Paving	Pavers	1	8	81	0.42	0.6	45	367
Paving	Paving Equipment	1	8	89	0.36	0.6	45	346
Paving	Plate Compactors	1	8	8	0.43	0.6	45	37
Paving	Rubber Tired Dozers	1	8	367	0.4	0.6	45	1,585
Paving	Skid Steer Loaders	1	8	71	0.37	0.6	45	284
Paving	Trenchers	1	8	40	0.5	0.6	45	216
Total Diesel Usage for Construction (Offr								54,956.7 gallons of diesel fuel

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.

EMFAC2021 Emissions Inventory

Region Type: County

Region: Los Angeles

Calendar Year: 2026

Season: Annual

Vehicle Classification: EMFAC2011 Categories

Region	Veh_Class	Fuel	Speed (miles/hr)	Population (vehicles)	VMT (miles/day)	Trips (trips/day)	Fuel_Gas (1000 gallons/day)	Fuel_DSL (1000 gallons/day)	Miles per Gallon
South Coast	LDA	Gasoline	Aggregate	3,294,447	129,517,422	15,284,837	4,349	0	29.8
South Coast	LDT1	Gasoline	Aggregate	309,047	11,251,578	1,361,992	452	0	24.9
South Coast	LDT2	Gasoline	Aggregate	1,657,464	68,121,910	7,802,414	2,800	0	24.3
Construction Worker Trip (Composite LDA/LDT1/LDT2):									27.2
South Coast	HHDT	Diesel	Aggregate	56,774	7,075,238	888,983	0	1137.4	6.2

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 Construction (Onroad Vehicles):

Phase Name	Daily Worker Trips	Daily Vendor Trips	Daily Haul Trips	Days	Total Worker Trips	Total Vendor Trips	Total Haul Trips	Trip Length (miles)			Total Length (miles)			Avg. Daily Factor (worker and vendor)	Gallons of Fuel	
								Worker	Vendor	Haul	Worker	Vendor	Haul		Gasoline	Diesel
Demolition	20	0	10	21	420	0	210	18.5	10.2	30	7770	0	6300	0.6	171.5	1,012.8
Grading	20	20	94	22	440	440	2068	18.5	10.2	37	8140	4488	76516	0.6	179.6	12,733.3
Building Foundation	26	200	0	23	598	4600	0	18.5	10.2	29	11063	46920	0	0.6	244.1	4,525.6
Building Construction	120	20	0	283	33960	5660	0	18.5	10.2	29	628260	57732	0	0.6	13,864.0	5,568.5
Paving	30	40	0	45	1350	1800	0	18.5	10.2	29	24975	18360	0	0.6	551.1	1,770.9
Architectural Coating	0	16	0	174	0	2784	0	18.5	10.2	29	0	28396.8	0	0.6	0.0	2,739.0
														Total:	15,010.4	28,350.1

Worker Miles per gallon= 27.19 gasoline

Vedor/Haul miles per gallon= 6.22 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)

Option 1

Water Usage for Control of Fugitive Dust during Construction:

Phase	Days	Average Daily Acreage Disturbed	Gallons Per Year	Electricity (kWhr)
Demolition	21	5.0	317,100	3,084
Grading	22	5.0	332,200	3,231
Building Foundation	23	5.0	347,300	3,378
Building Construction	283	5.0	4,273,300	41,566
Paving	45	5.0	679,500	6,609
Total:			5,269,900	51,260

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).

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)	306
Total Construction (kWh)	15,422
Total Construction (MWh)	15.4

^a<https://www.albancat.com/content/uploads/2014/06/40-C4.4-Spec-Sheet.pdf>

Calculation of Diesel Usage During Construction (Offroad Equipment):

Phase Name	Off Road Equipment Type	Units	Hours	HP	Load Factor	Avg. Daily Factor	Number of Days	Diesel Fuel Usage
Demolition	Air Compressors	1	8	37	0.48	0.6	21	90
Demolition	Other Construction Equipment	1	8	82	0.42	0.6	21	174
Demolition	Excavators	2	8	158	0.38	0.6	21	605
Demolition	Rubber Tired Loaders	2	8	150	0.36	0.6	21	544
Demolition	Tractors/Loaders/Backhoes	2	8	84	0.37	0.6	21	313
Demolition	Rubber Tired Dozers	1	8	367	0.4	0.6	21	740
Grading	Excavators	2	8	158	0.38	0.6	22	634
Grading	Graders	3	8	148	0.41	0.6	22	961
Grading	Other Construction Equipment	1	8	82	0.42	0.6	22	182
Grading	Plate Compactors	3	8	8	0.43	0.6	22	54
Grading	Rollers	3	8	36	0.38	0.6	22	217
Grading	Rubber Tired Dozers	1	8	367	0.4	0.6	22	775
Grading	Scrapers	1	8	423	0.48	0.6	22	1,072
Building Foundation	Concrete/Industrial Saws	1	8	33	0.73	0.6	22	127
Building Foundation	Cement and Mortar Mixers	3	8	10	0.56	0.6	22	89
Building Foundation	Forklifts	2	8	82	0.2	0.6	22	173
Building Foundation	Other Construction Equipment	1	8	82	0.42	0.6	22	182
Building Foundation	Pumps	3	8	11	0.74	0.6	22	129
Building Foundation	Welders	2	8	46	0.45	0.6	22	219
Building Foundation	Plate Compactors	3	8	8	0.43	0.6	22	54
Building Construction	Aerial Lifts	3	8	46	0.31	0.6	306	3,142
Building Construction	Concrete/Industrial Saws	2	8	33	0.73	0.6	306	3,538
Building Construction	Cranes	1	8	367	0.29	0.6	306	7,816
Building Construction	Crawler Tractors	1	8	87	0.43	0.6	306	2,747
Building Construction	Excavators	2	8	158	0.38	0.6	306	8,819
Building Construction	Forklifts	2	8	82	0.2	0.6	306	2,409
Building Construction	Other Construction Equipment	1	8	82	0.42	0.6	306	2,529
Building Construction	Rough Terrain Forklifts	1	8	96	0.4	0.6	306	2,820
Building Construction	Skid Steer Loaders	1	8	71	0.37	0.6	306	1,929
Building Construction	Tractors/Loaders/Backhoes	2	8	84	0.37	0.6	306	4,565
Building Construction	Air Compressors	3	8	37	0.48	0.6	306	3,913
Building Construction	Welders	2	8	46	0.45	0.6	306	3,040
Paving	Graders	1	8	148	0.41	0.6	45	655
Paving	Other Construction Equipment	1	8	82	0.42	0.6	45	372
Paving	Pavers	1	8	81	0.42	0.6	45	367
Paving	Paving Equipment	1	8	89	0.36	0.6	45	346
Paving	Plate Compactors	1	8	8	0.43	0.6	45	37
Paving	Rubber Tired Dozers	1	8	367	0.4	0.6	45	1,585
Paving	Skid Steer Loaders	1	8	71	0.37	0.6	45	284
Paving	Trenchers	1	8	40	0.5	0.6	45	216
Total Diesel Usage for Construction (Offr								58,465.3
								gallons of diesel fuel

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.

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

Phase Name	Daily Worker Trips	Daily Vendor Trips	Daily Haul Trips	Days	Total Worker Trips	Total Vendor Trips	Total Haul Trips	Trip Length (miles)			Total Length (miles)			Avg. Daily Factor (worker and vendor)	Gallons of Fuel	
								Worker	Vendor	Haul	Worker	Vendor	Haul		Gasoline	Diesel
Demolition	20	0	10	21	420	0	210	18.5	10.2	30	7770	0	6300	0.6	171.5	1,012.8
Grading	20	20	50	22	440	440	1100	18.5	10.2	37	8140	4488	40700	0.6	179.6	6,975.7
Building Foundation	26	200	0	22	572	4400	0	18.5	10.2	29	10582	44880	0	0.6	233.5	4,328.9
Building Construction	120	20	0	306	36720	6120	0	18.5	10.2	29	679320	62424	0	0.6	14,990.8	6,021.0
Paving	30	40	0	45	1350	1800	0	18.5	10.2	29	24975	18360	0	0.6	551.1	1,770.9
Architectural Coating	0	16	0	174	0	2784	0	18.5	10.2	29	0	28396.8	0	0.6	0.0	2,739.0
Total:															16,126.5	22,848.2

Worker Miles per gallon= 27.19 gasoline

Vendor/Haul miles per gallon= 6.22 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)

Option 2

Water Usage for Control of Fugitive Dust during Construction:

Phase	Days	Average Daily Acreage Disturbed	Gallons Per Year	Electricity (kWhr)
Demolition	21	5.0	317,100	3,084
Grading	22	5.0	332,200	3,231
Building Foundation	22	5.0	332,200	3,231
Building Construction	306	5.0	4,620,600	44,945
Paving	45	5.0	679,500	6,609
Total:			5,602,100	54,492

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).

EMFAC2021 Emissions Inventory

Region Type: County

Region: Los Angeles

Calendar Year: 2027

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Region	CalYr	Season	Veh_Class	Fuel	MdYr	Speed (miles/hr)	Population (vehicles)	VMT (miles/day)	Trips (trips/day)	Fuel_Gas (1000 gallons/day)	Fuel_DSL (1000 gallons/day)		
Los Angeles	2027	Annual	HHDT	Diesel	Aggregated	Aggregated	57,907	7,176,720	908,210	0.00	1,137.13		
Los Angeles	2027	Annual	HHDT	Gasoline	Aggregated	Aggregated	29	2,422	571	0.56	0.00		
Los Angeles	2027	Annual	LDA	Diesel	Aggregated	Aggregated	6,768	201,834	28,083	0.00	4.83		
Los Angeles	2027	Annual	LDA	Gasoline	Aggregated	Aggregated	3,252,973	127,411,269	15,084,514	4,209.31	0.00		
Los Angeles	2027	Annual	LDT1	Diesel	Aggregated	Aggregated	46	916	130	0.00	0.04		
Los Angeles	2027	Annual	LDT1	Gasoline	Aggregated	Aggregated	305,004	11,091,280	1,345,171	439.06	0.00		
Los Angeles	2027	Annual	LDT2	Diesel	Aggregated	Aggregated	5,724	241,831	27,453	0.00	7.47		
Los Angeles	2027	Annual	LDT2	Gasoline	Aggregated	Aggregated	1,690,655	69,171,014	7,955,024	2,794.50	0.00		
Los Angeles	2027	Annual	LHDT1	Diesel	Aggregated	Aggregated	66,211	2,872,083	832,849	0.00	138.13		
Los Angeles	2027	Annual	LHDT1	Gasoline	Aggregated	Aggregated	126,122	5,037,762	1,879,034	349.87	0.00		
Los Angeles	2027	Annual	LHDT2	Diesel	Aggregated	Aggregated	30,543	1,291,571	384,196	0.00	73.25		
Los Angeles	2027	Annual	LHDT2	Gasoline	Aggregated	Aggregated	18,986	708,229	282,866	56.57	0.00		
Los Angeles	2027	Annual	MCY	Gasoline	Aggregated	Aggregated	160,832	1,042,273	321,664	25.06	0.00		
Los Angeles	2027	Annual	MDV	Diesel	Aggregated	Aggregated	11,637	445,305	54,489	0.00	18.31		
Los Angeles	2027	Annual	MDV	Gasoline	Aggregated	Aggregated	995,507	37,949,924	4,626,268	1,880.52	0.00		
Los Angeles	2027	Annual	MH	Diesel	Aggregated	Aggregated	6,107	64,333	611	0.00	6.45		
Los Angeles	2027	Annual	MH	Gasoline	Aggregated	Aggregated	14,694	151,088	1,470	31.20	0.00		
Los Angeles	2027	Annual	MHDT	Diesel	Aggregated	Aggregated	63,903	2,628,619	786,694	0.00	291.06		
Los Angeles	2027	Annual	MHDT	Gasoline	Aggregated	Aggregated	13,817	755,094	276,446	141.80	0.00		
Los Angeles	2027	Annual	OBUS	Diesel	Aggregated	Aggregated	2,298	170,831	30,300	0.00	24.06		
Los Angeles	2027	Annual	OBUS	Gasoline	Aggregated	Aggregated	3,403	127,438	68,083	24.57	0.00		
Los Angeles	2027	Annual	SBUS	Diesel	Aggregated	Aggregated	1,772	36,021	25,663	0.00	4.83		
Los Angeles	2027	Annual	SBUS	Gasoline	Aggregated	Aggregated	1,519	69,457	6,075	7.62	0.00		
Los Angeles	2027	Annual	UBUS	Diesel	Aggregated	Aggregated	14	2,364	57	0.00	0.41		
Los Angeles	2027	Annual	UBUS	Gasoline	Aggregated	Aggregated	433	30,483	1,733	6.57	0.00		
Los Angeles	2027	Annual	LDA	Plug-in Hybrid	Aggregated	Aggregated	110,193	2,284,760	455,649	83.16	0.00		
Los Angeles	2027	Annual	LDT1	Plug-in Hybrid	Aggregated	Aggregated	1,150	23,737	4,755	0.87	0.00		
Los Angeles	2027	Annual	LDT2	Plug-in Hybrid	Aggregated	Aggregated	21,587	442,661	89,263	16.26	0.00		
Los Angeles	2027	Annual	MDV	Plug-in Hybrid	Aggregated	Aggregated	13,207	252,796	54,612	9.42	0.00		
							Totals	271,684,113.68		10,076.93	1,705.98	MPG	Gallons Per Mile
							Total (GAS)	256,551,686.59	0.94			23.1	0.04
							Total (DSL)	15,132,427.09	0.06			25.5	0.04
												8.9	0.11

Baseline Year

Calendar Year: 2024

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Region	CalYr	Season	Veh_Class	Fuel	MdYr	Speed (miles/hr)	Population (vehicles)	VMT (miles/day)	Trips (trips/day)	Fuel_Gas (1000 gallons/day)	Fuel_DSL (1000 gallons/day)		
Los Angeles	2024	Annual	HHDT	Diesel	Aggregated	Aggregated	53,754	6,853,263	838,229	0.00	1,133.15		
Los Angeles	2024	Annual	HHDT	Gasoline	Aggregated	Aggregated	44	2,968	874	0.73	0.00		
Los Angeles	2024	Annual	LDA	Diesel	Aggregated	Aggregated	9,079	270,276	37,297	0.00	6.72		
Los Angeles	2024	Annual	LDA	Gasoline	Aggregated	Aggregated	3,388,823	134,787,726	15,748,887	4,681.69	0.00		
Los Angeles	2024	Annual	LDT1	Diesel	Aggregated	Aggregated	122	2,452	350	0.00	0.11		
Los Angeles	2024	Annual	LDT1	Gasoline	Aggregated	Aggregated	318,253	11,637,173	1,401,220	483.30	0.00		
Los Angeles	2024	Annual	LDT2	Diesel	Aggregated	Aggregated	5,016	218,613	24,221	0.00	7.06		
Los Angeles	2024	Annual	LDT2	Gasoline	Aggregated	Aggregated	1,590,817	65,943,414	7,487,016	2,819.14	0.00		
Los Angeles	2024	Annual	LHDT1	Diesel	Aggregated	Aggregated	57,966	2,559,141	729,143	0.00	125.04		
Los Angeles	2024	Annual	LHDT1	Gasoline	Aggregated	Aggregated	126,447	5,033,815	1,883,870	372.61	0.00		
Los Angeles	2024	Annual	LHDT2	Diesel	Aggregated	Aggregated	26,105	1,133,992	328,371	0.00	65.75		
Los Angeles	2024	Annual	LHDT2	Gasoline	Aggregated	Aggregated	19,310	723,443	287,696	61.32	0.00		
Los Angeles	2024	Annual	MCY	Gasoline	Aggregated	Aggregated	150,984	992,732	301,968	24.08	0.00		
Los Angeles	2024	Annual	MDV	Diesel	Aggregated	Aggregated	11,173	440,034	52,678	0.00	18.90		
Los Angeles	2024	Annual	MDV	Gasoline	Aggregated	Aggregated	961,866	36,861,227	4,457,929	1,933.82	0.00		
Los Angeles	2024	Annual	MH	Diesel	Aggregated	Aggregated	5,642	59,114	564	0.00	5.92		
Los Angeles	2024	Annual	MH	Gasoline	Aggregated	Aggregated	15,894	156,938	1,590	32.40	0.00		
Los Angeles	2024	Annual	MHDT	Diesel	Aggregated	Aggregated	60,974	2,592,300	748,009	0.00	290.83		
Los Angeles	2024	Annual	MHDT	Gasoline	Aggregated	Aggregated	14,868	815,923	297,486	158.20	0.00		
Los Angeles	2024	Annual	OBUS	Diesel	Aggregated	Aggregated	2,141	170,283	27,730	0.00	24.69		
Los Angeles	2024	Annual	OBUS	Gasoline	Aggregated	Aggregated	3,744	149,450	74,914	29.68	0.00		
Los Angeles	2024	Annual	SBUS	Diesel	Aggregated	Aggregated	1,963	40,241	28,427	0.00	5.46		
Los Angeles	2024	Annual	SBUS	Gasoline	Aggregated	Aggregated	1,424	65,854	5,696	7.33	0.00		
Los Angeles	2024	Annual	UBUS	Diesel	Aggregated	Aggregated	39	6,249	155	0.00	0.98		
Los Angeles	2024	Annual	UBUS	Gasoline	Aggregated	Aggregated	438	30,984	1,750	6.75	0.00		
Los Angeles	2024	Annual	LDA	Plug-in Hybrid	Aggregated	Aggregated	93,801	2,160,200	387,866	78.58	0.00		
Los Angeles	2024	Annual	LDT1	Plug-in Hybrid	Aggregated	Aggregated	478	10,957	1,977	0.40	0.00		
Los Angeles	2024	Annual	LDT2	Plug-in Hybrid	Aggregated	Aggregated	13,889	319,671	57,430	11.72	0.00		
Los Angeles	2024	Annual	MDV	Plug-in Hybrid	Aggregated	Aggregated	8,066	172,561	33,353	6.42	0.00		
							Totals	274,210,993.18		10,708.19	1,684.61	MPG	Gallons Per Mile
							Total (GAS)	259,865,035.68	0.95			22.1	0.05
							Total (DSL)	14,345,957.50	0.05			24.3	0.04
												8.5	0.12

9000 Airport - Existing Operations Buildout Year
Los Angeles-South Coast County, Annual

Trip Summary Information

	<i>Average Daily Trip Rate</i>			<i>Annual VMT</i>
	<i>Weekday</i>	<i>Saturday</i>	<i>Sunday</i>	
Total	5,403.00	5,403.00	5,403.00	14,978,140

Gasoline and Diesel Usage

	<i>Buildout Year</i>		<i>Existing (Baseline) Year</i>	
	<i>Gasoline</i>	<i>Diesel</i>	<i>Gasoline</i>	<i>Diesel</i>
<i>Miles/Gallon</i>	25.5	8.9	24.3	8.5
<i>% Fleet Mix</i>	94.4%	5.6%	94.8%	5.2%
Total (Gallons):	555,549	94,052	584,910	92,018

Energy by Land Use - Natural Gas

<i>Land Uses</i>	<i>kBTU/yr</i>	<i>cu ft/year</i>
Automobile Care Center	1,337,840	1,274,133
Parking Lot	0	0
Total	1,337,840	1,274,133

Energy by Land Use - Electricity

<i>Land Uses</i>	<i>kWH/yr</i>
Automobile Care Center	366,721
Parking Lot	648,696
Total	1,015,417

Water Detail

<i>Land Uses</i>	<i>Indoor Use</i>	<i>Outdoor</i>	<i>Electricity</i>
	<i>(Mgal)</i>	<i>Use (Mgal)</i>	<i>Use (kWh/yr)</i>
Automobile Care Center	3.562	0.140	24,990
Parking Lot	0.000	0.000	0
Total	3.562	0.140	24,990

Notes: Indoor water results in 0.006807 kWhr of electricity usage per gallon from delivery, treatment, and distribution of water within Southern California (CalEEMod). Outdoor water results in 0.005306 kWhr of electricity usage per gallon from delivery and distribution of water within Southern California (CalEEMod).

9000 Airport Option 1 - Buildout Operations
Los Angeles-South Coast County, Annual

Trip Summary Information

Vehicle Type	Average Daily Trip Rate			Annual VMT
	Weekday	Saturday	Sunday	
Passenger Vehicles	1,541	1,541	1,541	5,623,138
Trucks	584	584	584	5,076,420

Gasoline and Diesel Usage

	Gasoline	Diesel
Miles/Gallon	25.5	8.9
% Fleet Mix Passenger Vehicles	99.8%	0.2%
% Fleet Mix Trucks	15.8%	84.2%
Offroad	0	43,800
Total (Gallons):	251,889	527,061

Note: % Fleet mix is calculated in the Operational HRA.

Energy by Land Use - Natural Gas

Land Uses	kBTU/yr	cu ft/year
Industrial Park	0	0
General Office Building	0	0
Parking Lot	0	0
Refrigerated Warehouse-No Rail	0	0
Total	0	0

Energy by Land Use - Electricity

Land Uses	kWH/yr
Industrial Park	7,670,335
General Office Building	1,776,620
Parking Lot	191,632
Refrigerated Warehouse-No Rail	319,350
Total	9,957,937

Note: Electricity and natural gas usage reflects implementation of GHG-PDF-1.

Water Detail (Unmitigated)

Land Uses	Indoor Use (Mgal)	Outdoor Use (Mgal)	Electricity Use (kWh/yr)
Land Uses	63.897	1.059	440,568
Industrial Park	11.375	0.000	77,429
General Office Building	0.000	0.000	0
Parking Lot	1.850	0.000	12,593
Total	77.12	1.06	530,590

Notes: Indoor water results in 0.006807 kWhr of electricity usage per gallon from delivery, treatment, and distribution of water within Southern California (CalEEMod). Outdoor water results in 0.005306 kWhr of electricity usage per gallon from delivery and distribution of water within Southern California (CalEEMod).

9000 Airport Option 2 - Buildout Operations
Los Angeles-South Coast County, Annual

Trip Summary Information

Vehicle Type	Average Daily Trip Rate			Annual VMT
	Weekday	Saturday	Sunday	
Passenger Vehicles	1,390	1,390	1,390	4,076,685
Trucks	527	527	527	4,579,655

Mitigated Gasoline and Diesel Usage

	Gasoline	Diesel
Miles/Gallon	25.5	8.9
% Fleet Mix Passenger Vehicles	99.8%	0.2%
% Fleet Mix Trucks	15.8%	84.2%
Offroad	0	43,800
Total (Gallons):	188,190	479,546

Note: % Fleet mix is calculated in the Operational HRA.

Energy by Land Use - Natural Gas

Land Uses	kBTU/yr	cu ft/year
Industrial Park	0	0
General Office Building	0	0
Parking Lot	0	0
Refrigerated Warehouse-No Rail	0	0
Total	0	0

Energy by Land Use - Electricity (Mitigated)

Land Uses	kWh/yr
Industrial Park	6,885,646
General Office Building	1,998,698
Parking Lot	219,450
Refrigerated Warehouse-No Rail	319,350
Total	9,423,144

Note: Electricity and natural gas usage reflects implementation of GHG-PDF-1.

Water Detail

Land Uses	Indoor Use (Mgal)	Outdoor Use (Mgal)	Electricity Use (kWh/yr)
Industrial Park	57.360	1.351	397,620
General Office Building	12.797	0.000	87,108
Parking Lot	0.000	0.000	0
Refrigerated Warehouse-No Rail	1.850	0.000	12,593
Total	72.01	1.35	497,321

Notes: Indoor water results in 0.00687 kWh of electricity usage per gallon from delivery, treatment, and distribution of water within Southern California (CalEEMod). Outdoor water results in 0.005306 kWh 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 use.

9000 Airport (1 Building Option)
All Electric (GHG-PDF-1) Calculation

CAPCOA Consumption Rate ^a												
Building Type	Natural Gas (Therm/yr/KSF)						Electricity (kWh/yr/KSF)					
	Water	Primary Heat	Cooking	Cooling	Misc	Refrig.	Water	Primary	Cooking	Cooling	Misc	Refrig.
	Heater						Heater	Heat				
Refrigerated Warehouse-No Rail	3	<1	<1	0	150	57	7	<1	<1	68	1931	13133
General Office Building	20	119	1	18	43	1	46	396	9	3103	2714	11
Industrial Park	20	119	1	18	43	1	46	396	9	3103	2714	11
Parking Lot	0	0	0	0	0	0	0	0	0	0	0	0

Project Energy Demand		Natural Gas (Therm/yr/KSF)							Electricity (kWh/yr/KSF)								
Project Uses	Amount (DU/KSF)	Water	Primary Heat	Cooking	Cooling	Misc	Refrig.	Total	Water	Primary	Cooking	Cooling	Misc	Refrig.	Title 24 Total	Non-Title 24 Total	Total
		Heater							Heater	Heat							
Refrigerated Warehouse-No Rail	10	30	0	0	0	1,500	570	2,100	70	0	0	680	19,310	131,330	750	150,640	151,390
General Office Building	80	1,600	9,520	80	1,440	3,440	80	16,160	3,680	31,680	720	248,240	217,120	880	283,600	218,720	502,320
Industrial Park	345	6,908	41,101	345	6,217	14,852	345	69,769	15,888	136,774	3,109	1,071,745	937,388	3,799	1,224,408	944,296	2,168,704
Parking Lot	558	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		8,538	50,621	425	7,657	19,792	995	88,029	19,638	168,454	3,829	1,320,665	1,173,818	136,009	1,508,758	1,313,656	2,822,414

Note: Project includes up to 10,000 sf of refrigerated warehouse. Parking includes 288 spaces and 90 trailer spaces (assumed to be 3 equivalent spaces).

9000 Airport (3 Buildings Option)
All Electric (GHG-PDF-1) Calculation

CAPCOA Consumption Rate^a

Building Type	Natural Gas (Therm/yr/KSF)						Electricity (kWh/yr/KSF)					
	Water	Primary Heat	Cooking	Cooling	Misc	Refrig.	Water	Primary	Cooking	Cooling	Misc	Refrig.
	Heater						Heater	Heat				
Refrigerated Warehouse-No Rail	3	<1	<1	0	150	57	7	<1	<1	68	1931	13133
General Office Building	20	119	1	18	43	1	46	396	9	3103	2714	11
Industrial Park	20	119	1	18	43	1	46	396	9	3103	2714	11
Parking Lot	0	0	0	0	0	0	0	0	0	0	0	0

Project Energy Demand

Project Uses	Amount (DU/KSF)	Natural Gas (Therm/yr/KSF)							Electricity (kWh/yr/KSF)							Title 24 Total	Non-Title 24 Total	Total
		Water		Cooking	Cooling	Misc	Refrig.	Total	Water Heater	Primary Heat	Cooking	Cooling	Misc	Refrig.				
		Heater	Primary Heat															
Refrigerated Warehouse-No Rail	10	30	0	0	0	1,500	570	2,100	70	0	0	680	19,310	131,330	750	150,640	151,390	
General Office Building	90	1,800	10,710	90	1,620	3,870	90	18,180	4,140	35,640	810	279,270	244,260	990	319,050	246,060	565,110	
Industrial Park	310.056	6,201	36,897	310	5,581	13,332	310	62,631	14,263	122,782	2,791	962,104	841,492	3,411	1,099,149	847,693	1,946,842	
Parking Lot	639	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total		8,031	47,607	400	7,201	18,702	970	82,911	18,473	158,422	3,601	1,242,054	1,105,062	135,731	1,418,949	1,244,393	2,663,342	

Note: Project includes up to 10,000 sf of refrigerated warehouse. Parking includes 369 spaces and 90 trailer spaces (assumed to be 3 equivalent spaces).

Peak Electricity Demand Calculations

Electrical Load Factor Equation

$$f_{Load} = \frac{\text{Average load}}{\text{Maximum load in given time period}}$$

Load Factor (%)¹ **52%**

Project Electricity Demand (Operational)

	Baseline		Net
Annual Demand	(Existing)	Project	Increase
Building (MWh)	1,015	8,548	7,533
Water (MWh)	25	497	472
Total (MWh)	1,040	9,045	8,005

Average Daily Demand			
Building (kWh)	2,782	23,419	20,637
Water (kWh)	68	1,363	1,294
Total (kWh)	2,850	24,782	21,931

Average Load			
Building (kW)	116	976	860
Water (kW)	3	57	54
Total (kW)	119	1,033	914

Peak Load Calculation

Peak Load (kW)	226	1,933	1,933
Systemwide Peak Load (MW)	5,718	5,718	5,718
Percent of Peak			0.034%

¹2017 Report: System Efficiency of California's Electric Grid. California Public Utilities Commission. 2017. Page 11, Figure 6. Visual estimate.

Peak Electricity Demand Calculations

Electrical Load Factor Equation

$$f_{Load} = \frac{\text{Average load}}{\text{Maximum load in given time period}}$$

Load Factor (%)¹ **52%**

Project Electricity Demand (Operational)

	Baseline		Net
Annual Demand	(Existing)	Project	Increase
Building (MWh)	1,015	7,990	6,975
Water (MWh)	25	497	472
Total (MWh)	1,040	8,488	7,447

Average Daily Demand			
Building (kWh)	2,782	21,892	19,110
Water (kWh)	68	1,363	1,294
Total (kWh)	2,850	23,254	20,404

Average Load			
Building (kW)	116	912	796
Water (kW)	3	57	54
Total (kW)	119	969	850

Peak Load Calculation

Peak Load (kW)	226	1,811	1,811
Systemwide Peak Load (MW)	5,718	5,718	5,718
Percent of Peak			0.032%

¹2017 Report: System Efficiency of California's Electric Grid. California Public Utilities Commission. 2017. Page 11, Figure 6. Visual estimate.

Option 1

EMFAC Emission inventories for County

EMFAC2021 (v1.0.1) Emissions Inventory

Region Type: County

Region: Los Angeles

Calendar Year: **2026** (Construction Start Year)

Season: Annual

Vehicle Classification: EMFAC2011 Categories

Vehicle Classification: EMFAC2011 Categories						Fuel_Gasoline	Fuel_DSL
Region	CalYr	VehClass	MdlYr	Speed	Fuel	(1000 gallons/day)	(1000 gallons/day)
Los Angeles	2026	HHDT	Aggregate	Aggregate	Diesel	0.00	1137.39
Los Angeles	2026	HHDT	Aggregate	Aggregate	Gasoline	0.60	0.00
Los Angeles	2026	LDA	Aggregate	Aggregate	Diesel	0.00	5.43
Los Angeles	2026	LDA	Aggregate	Aggregate	Gasoline	4348.93	0.00
Los Angeles	2026	LDT1	Aggregate	Aggregate	Diesel	0.00	0.08
Los Angeles	2026	LDT1	Aggregate	Aggregate	Gasoline	452.49	0.00
Los Angeles	2026	LDT2	Aggregate	Aggregate	Diesel	0.00	7.36
Los Angeles	2026	LDT2	Aggregate	Aggregate	Gasoline	2800.01	0.00
Los Angeles	2026	LHDT1	Aggregate	Aggregate	Diesel	0.00	134.85
Los Angeles	2026	LHDT1	Aggregate	Aggregate	Gasoline	358.04	0.00
Los Angeles	2026	LHDT2	Aggregate	Aggregate	Diesel	0.00	71.32
Los Angeles	2026	LHDT2	Aggregate	Aggregate	Gasoline	58.26	0.00
Los Angeles	2026	MCY	Aggregate	Aggregate	Gasoline	24.78	0.00
Los Angeles	2026	MDV	Aggregate	Aggregate	Diesel	0.00	18.51
Los Angeles	2026	MDV	Aggregate	Aggregate	Gasoline	1895.54	0.00
Los Angeles	2026	MH	Aggregate	Aggregate	Diesel	0.00	6.30
Los Angeles	2026	MH	Aggregate	Aggregate	Gasoline	31.54	0.00
Los Angeles	2026	MHDT	Aggregate	Aggregate	Diesel	0.00	291.63
Los Angeles	2026	MHDT	Aggregate	Aggregate	Gasoline	147.17	0.00
Los Angeles	2026	OBUS	Aggregate	Aggregate	Diesel	0.00	24.28
Los Angeles	2026	OBUS	Aggregate	Aggregate	Gasoline	26.17	0.00
Los Angeles	2026	SBUS	Aggregate	Aggregate	Diesel	0.00	5.06
Los Angeles	2026	SBUS	Aggregate	Aggregate	Gasoline	7.54	0.00
Los Angeles	2026	UBUS	Aggregate	Aggregate	Diesel	0.00	0.93
Los Angeles	2026	UBUS	Aggregate	Aggregate	Gasoline	6.65	0.00
Los Angeles	2026	LDA	Aggregate	Aggregate	Plug-in Hybrid	82.30	0.00
Los Angeles	2026	LDT1	Aggregate	Aggregate	Plug-in Hybrid	0.70	0.00
Los Angeles	2026	LDT2	Aggregate	Aggregate	Plug-in Hybrid	14.79	0.00
Los Angeles	2026	MDV	Aggregate	Aggregate	Plug-in Hybrid	8.49	0.00
						3,746,357,298	621,640,500
Fuel Usage for Project Construction						15,010	83,307
Percentage of County for Construction						0.0004%	0.013%

EMFAC Emission inventories for County

EMFAC2021 (v1.0.1) Emissions Inventory

Region Type: County

Region: Los Angeles

Calendar Year: **2027** (Operational Start Year)

Season: Annual

Vehicle Classification: EMFAC2011 Categories

Region	CalYr	VehClass	MdlYr	Speed	Fuel	Fuel_Gasoline (1000 gallons/day)	Fuel_DSL (1000 gallons/day)
Los Angeles	2027	HHDT	Aggregate	Aggregate	Diesel	0.00	1137.13
Los Angeles	2027	HHDT	Aggregate	Aggregate	Gasoline	0.56	0.00
Los Angeles	2027	LDA	Aggregate	Aggregate	Diesel	0.00	4.83
Los Angeles	2027	LDA	Aggregate	Aggregate	Gasoline	4209.31	0.00
Los Angeles	2027	LDT1	Aggregate	Aggregate	Diesel	0.00	0.04
Los Angeles	2027	LDT1	Aggregate	Aggregate	Gasoline	439.06	0.00
Los Angeles	2027	LDT2	Aggregate	Aggregate	Diesel	0.00	7.47
Los Angeles	2027	LDT2	Aggregate	Aggregate	Gasoline	2794.50	0.00
Los Angeles	2027	LHDT1	Aggregate	Aggregate	Diesel	0.00	138.13
Los Angeles	2027	LHDT1	Aggregate	Aggregate	Gasoline	349.87	0.00
Los Angeles	2027	LHDT2	Aggregate	Aggregate	Diesel	0.00	73.25
Los Angeles	2027	LHDT2	Aggregate	Aggregate	Gasoline	56.57	0.00
Los Angeles	2027	MCY	Aggregate	Aggregate	Gasoline	25.06	0.00
Los Angeles	2027	MDV	Aggregate	Aggregate	Diesel	0.00	18.31
Los Angeles	2027	MDV	Aggregate	Aggregate	Gasoline	1880.52	0.00
Los Angeles	2027	MH	Aggregate	Aggregate	Diesel	0.00	6.45
Los Angeles	2027	MH	Aggregate	Aggregate	Gasoline	31.20	0.00
Los Angeles	2027	MHDT	Aggregate	Aggregate	Diesel	0.00	291.06
Los Angeles	2027	MHDT	Aggregate	Aggregate	Gasoline	141.80	0.00
Los Angeles	2027	OBUS	Aggregate	Aggregate	Diesel	0.00	24.06
Los Angeles	2027	OBUS	Aggregate	Aggregate	Gasoline	24.57	0.00
Los Angeles	2027	SBUS	Aggregate	Aggregate	Diesel	0.00	4.83
Los Angeles	2027	SBUS	Aggregate	Aggregate	Gasoline	7.62	0.00
Los Angeles	2027	UBUS	Aggregate	Aggregate	Diesel	0.00	0.41
Los Angeles	2027	UBUS	Aggregate	Aggregate	Gasoline	6.57	0.00
Los Angeles	2027	LDA	Aggregate	Aggregate	Plug-in Hybrid	83.16	0.00
Los Angeles	2027	LDT1	Aggregate	Aggregate	Plug-in Hybrid	0.87	0.00
Los Angeles	2027	LDT2	Aggregate	Aggregate	Plug-in Hybrid	16.26	0.00
Los Angeles	2027	MDV	Aggregate	Aggregate	Plug-in Hybrid	9.42	0.00

	3,638,036,665	622,683,521
Net Fuel Usage for Project Operation	-303,659	433,009
Percentage of County for Operation	-0.0083%	0.0695%

Option 1

EMFAC Emission inventories for County

EMFAC2021 (v1.0.1) Emissions Inventory

Region Type: County

Region: Los Angeles

Calendar Year: **2026** (Construction Start Year)

Season: Annual

Vehicle Classification: EMFAC2011 Categories

Vehicle Classification: EMFAC2011 Categories						Fuel_Gasoline	Fuel_DSL
Region	CalYr	VehClass	MdlYr	Speed	Fuel	(1000 gallons/day)	(1000 gallons/day)
Los Angeles	2026	HHDT	Aggregate	Aggregate	Diesel	0.00	1137.39
Los Angeles	2026	HHDT	Aggregate	Aggregate	Gasoline	0.60	0.00
Los Angeles	2026	LDA	Aggregate	Aggregate	Diesel	0.00	5.43
Los Angeles	2026	LDA	Aggregate	Aggregate	Gasoline	4348.93	0.00
Los Angeles	2026	LDT1	Aggregate	Aggregate	Diesel	0.00	0.08
Los Angeles	2026	LDT1	Aggregate	Aggregate	Gasoline	452.49	0.00
Los Angeles	2026	LDT2	Aggregate	Aggregate	Diesel	0.00	7.36
Los Angeles	2026	LDT2	Aggregate	Aggregate	Gasoline	2800.01	0.00
Los Angeles	2026	LHDT1	Aggregate	Aggregate	Diesel	0.00	134.85
Los Angeles	2026	LHDT1	Aggregate	Aggregate	Gasoline	358.04	0.00
Los Angeles	2026	LHDT2	Aggregate	Aggregate	Diesel	0.00	71.32
Los Angeles	2026	LHDT2	Aggregate	Aggregate	Gasoline	58.26	0.00
Los Angeles	2026	MCY	Aggregate	Aggregate	Gasoline	24.78	0.00
Los Angeles	2026	MDV	Aggregate	Aggregate	Diesel	0.00	18.51
Los Angeles	2026	MDV	Aggregate	Aggregate	Gasoline	1895.54	0.00
Los Angeles	2026	MH	Aggregate	Aggregate	Diesel	0.00	6.30
Los Angeles	2026	MH	Aggregate	Aggregate	Gasoline	31.54	0.00
Los Angeles	2026	MHDT	Aggregate	Aggregate	Diesel	0.00	291.63
Los Angeles	2026	MHDT	Aggregate	Aggregate	Gasoline	147.17	0.00
Los Angeles	2026	OBUS	Aggregate	Aggregate	Diesel	0.00	24.28
Los Angeles	2026	OBUS	Aggregate	Aggregate	Gasoline	26.17	0.00
Los Angeles	2026	SBUS	Aggregate	Aggregate	Diesel	0.00	5.06
Los Angeles	2026	SBUS	Aggregate	Aggregate	Gasoline	7.54	0.00
Los Angeles	2026	UBUS	Aggregate	Aggregate	Diesel	0.00	0.93
Los Angeles	2026	UBUS	Aggregate	Aggregate	Gasoline	6.65	0.00
Los Angeles	2026	LDA	Aggregate	Aggregate	Plug-in Hybrid	82.30	0.00
Los Angeles	2026	LDT1	Aggregate	Aggregate	Plug-in Hybrid	0.70	0.00
Los Angeles	2026	LDT2	Aggregate	Aggregate	Plug-in Hybrid	14.79	0.00
Los Angeles	2026	MDV	Aggregate	Aggregate	Plug-in Hybrid	8.49	0.00
						3,746,357,298	621,640,500
Fuel Usage for Project Construction						16,127	81,314
Percentage of County for Construction						0.0004%	0.013%

EMFAC Emission inventories for County

EMFAC2021 (v1.0.1) Emissions Inventory

Region Type: County

Region: Los Angeles

Calendar Year: **2027** (Operational Start Year)

Season: Annual

Vehicle Classification: EMFAC2011 Categories

Region	CalYr	VehClass	MdlYr	Speed	Fuel	Fuel_Gasoline (1000 gallons/day)	Fuel_DSL (1000 gallons/day)
Los Angeles	2027	HHDT	Aggregate	Aggregate	Diesel	0.00	1137.13
Los Angeles	2027	HHDT	Aggregate	Aggregate	Gasoline	0.56	0.00
Los Angeles	2027	LDA	Aggregate	Aggregate	Diesel	0.00	4.83
Los Angeles	2027	LDA	Aggregate	Aggregate	Gasoline	4209.31	0.00
Los Angeles	2027	LDT1	Aggregate	Aggregate	Diesel	0.00	0.04
Los Angeles	2027	LDT1	Aggregate	Aggregate	Gasoline	439.06	0.00
Los Angeles	2027	LDT2	Aggregate	Aggregate	Diesel	0.00	7.47
Los Angeles	2027	LDT2	Aggregate	Aggregate	Gasoline	2794.50	0.00
Los Angeles	2027	LHDT1	Aggregate	Aggregate	Diesel	0.00	138.13
Los Angeles	2027	LHDT1	Aggregate	Aggregate	Gasoline	349.87	0.00
Los Angeles	2027	LHDT2	Aggregate	Aggregate	Diesel	0.00	73.25
Los Angeles	2027	LHDT2	Aggregate	Aggregate	Gasoline	56.57	0.00
Los Angeles	2027	MCY	Aggregate	Aggregate	Gasoline	25.06	0.00
Los Angeles	2027	MDV	Aggregate	Aggregate	Diesel	0.00	18.31
Los Angeles	2027	MDV	Aggregate	Aggregate	Gasoline	1880.52	0.00
Los Angeles	2027	MH	Aggregate	Aggregate	Diesel	0.00	6.45
Los Angeles	2027	MH	Aggregate	Aggregate	Gasoline	31.20	0.00
Los Angeles	2027	MHDT	Aggregate	Aggregate	Diesel	0.00	291.06
Los Angeles	2027	MHDT	Aggregate	Aggregate	Gasoline	141.80	0.00
Los Angeles	2027	OBUS	Aggregate	Aggregate	Diesel	0.00	24.06
Los Angeles	2027	OBUS	Aggregate	Aggregate	Gasoline	24.57	0.00
Los Angeles	2027	SBUS	Aggregate	Aggregate	Diesel	0.00	4.83
Los Angeles	2027	SBUS	Aggregate	Aggregate	Gasoline	7.62	0.00
Los Angeles	2027	UBUS	Aggregate	Aggregate	Diesel	0.00	0.41
Los Angeles	2027	UBUS	Aggregate	Aggregate	Gasoline	6.57	0.00
Los Angeles	2027	LDA	Aggregate	Aggregate	Plug-in Hybrid	83.16	0.00
Los Angeles	2027	LDT1	Aggregate	Aggregate	Plug-in Hybrid	0.87	0.00
Los Angeles	2027	LDT2	Aggregate	Aggregate	Plug-in Hybrid	16.26	0.00
Los Angeles	2027	MDV	Aggregate	Aggregate	Plug-in Hybrid	9.42	0.00

	3,638,036,665	622,683,521
Net Fuel Usage for Project Operation	-367,359	385,494
Percentage of County for Operation	-0.0101%	0.0619%