

Source	County	Existing		EX + Project		Total Existing Emissions (million metric tons/year), MMBTU			Total Existing Plus Project Emissions (million metric tons/year), MMBTU			Changes Emissions (million metric tons/year), MMBTU			
		Annual VMT	Annual VMT	CO2	CO2e	Energy	CO2	CO2e	Energy	CO2	CO2e	Energy	CO2	CO2e	Energy
Roadway	LOS ANGELES	73,394,193,078	72,724,087,183.88	23.6	23.9	347,951,286.5	23.4	23.7	344,774,510.1	-0.2	-0.2	-3,176,876.3			
	VENTURA	5,892,874,243	5,859,075,240	1.8	1.8	26,731,884.1	1.8	1.8	26,578,563.4	0.0	0.0	-153,322.6			
	ORANGE	23,850,547,795	23,717,213,976	7.4	7.4	109,819,611.1	7.4	7.5	109,205,676.8	0.0	0.0	-613,934.3			
	RIVERSIDE	17,712,108,321	17,633,058,738	5.4	5.4	79,179,768.6	5.3	5.4	78,826,387.3	0.0	0.0	-353,381.3			
	SAN BERNARDINO	12,725,201,965	12,665,228,642	3.8	3.9	56,466,931.1	3.8	3.9	56,200,804.9	0.0	0.0	-266,126.2			
	SANTA BARBARA	864,545,016	840,246,898	0.3	0.3	3,913,304.7	0.3	0.3	3,803,320.9	0.0	0.0	-109,983.8			
	Zero									0.0	0.0	0.0			
Regional Total	134,439,470,419	133,438,910,677	42.3	42.9	624,062,886.1	42.0	42.6	619,389,361.6	-0.3	-0.3	-4,673,624.5				
Statewide Total	205,015,920,154	201,584,933,649	63.0	64.0	930,015,062.9	62.0	62.9	914,451,056.3	-1.1	-1.1	-15,564,006.6				

Source	Area	Existing		EX + Project		Total Existing Emissions (million metric tons/year), MMBTU			Total Existing Plus Project Emissions (million metric tons/year), MMBTU			Changes Emissions (million metric tons/year), MMBTU			
		# of Flights	# of Flights	CO2	CO2e	Energy	CO2	CO2e	Energy	CO2	CO2e	Energy	CO2	CO2e	Energy
Planes	Southern California	107,915	73,378	0.9	0.9	12,947,020.2	0.6	0.6	8,803,488.3	-0.3	-0.3	-4,143,531.9			
	Statewide	268,567	188,430	2.3	2.3	32,221,206.1	1.6	1.6	22,606,829.5	-0.7	-0.7	-9,614,376.6			

Source	Area	Existing		EX + Project		Total Existing Emissions (million metric tons/year), MMBTU			Total Existing Plus Project Emissions (million metric tons/year), MMBTU			Changes in Emissions (million metric tons/year), MMBTU			
		Energy Use	Energy Use	CO2	CO2e	Energy	CO2	CO2e	Energy	CO2	CO2e	Energy	CO2	CO2e	Energy
Energy - eGRID	Burbank to Los Angeles			N/A	N/A	N/A	N/A	N/A	N/A	0.0	0.0	15,681.4			
	Statewide			N/A	N/A	N/A	N/A	N/A	N/A	0.5	0.5	1,568,139.3			

Totals	Total Existing Emissions (million metric tons/year), MMBTU			Total Existing Plus Project Emissions (million metric tons/year), MMBTU			Changes in Emissions (million metric tons/year), MMBTU		
	CO2	CO2e	Energy	CO2	CO2e	Energy	CO2	CO2e	Energy
Regional	43.2	43.9	637,009,906.2	42.6	43.3	628,192,749.9	-0.6	-0.6	-8,801,475.0
Statewide	65.3	66.3	962,236,269.0	63.6	64.5	937,057,885.8	-1.3	-1.3	-23,610,243.9

Criteria Report Tables

Source	County	Existing		EX + Project		Total Existing Emissions (short tons/year)										Total Existing Plus Project Emissions (short tons/year)										Changes in Emissions (short tons/year)									
		Annual VMT	Annual VMT	ROG	TOG	CO	NOX	SO2	PM10	PM10*	PM2.5	PM2.5*	ROG	TOG	CO	NOX	SO2	PM10	PM10*	PM2.5	PM2.5*	ROG	TOG	CO	NOX	SO2	PM10	PM10*	PM2.5	PM2.5*					
Roadway	LOS ANGELES	73,394,193,078	72,724,087,183.88	2,954	3,993	119,083	11,968	292	3,762	8,309	1,574	2,257	2,927	3,956	117,995	11,859	289	3,727	8,233	1,560	2,236	-27	-36	-1087	-109	-3	-34	-76	-14	-21					
	VENTURA	5,892,874,243	5,859,075,240	224	302	9,285	958	23	302	668	126	180	222	300	9,231	952	23	301	664	125	179	-1	-2	-53	-5	0	-2	-4	-1	-1					
	ORANGE	23,850,547,795	23,717,213,976	924	1,247	37,951	3,881	95	1,220	2,699	509	731	919	1,240	37,739	3,859	94	1,213	2,684	507	727	-5	-7	-212	-22	-1	-7	-15	-3	-4					
	RIVERSIDE	17,712,108,321	17,633,058,738	659	889	27,419	2,891	71	904	2,001	376	541	656	885	27,296	2,878	70	900	1,993	375	539	-3	-4	-122	-13	0	-4	-9	-2	-2					
	SAN BERNARDINO	12,725,201,965	12,665,228,642	469	632	19,523	2,081	51	649	1,433	270	388	467	629	19,451	2,071	50	646	1,427	269	386	-2	-3	-92	-10	0	-3	-7	-1	-2					
	SANTA BARBARA	864,545,016	840,246,898	32	43	1,219	149	3	44	97	18	26	31	42	1,185	145	3	43	95	18	26	-1	-1	-34	-4	0	-1	-3	-1	-1					
	Zero																					0	0	0	0	0	0	0	0	0					
Regional Total	134,439,470,419	133,438,910,677	5,262	7,107	214,480	21,928	535	6,882	15,208	2,874	4,124	5,222	7,053	212,878	21,765	531	6,830	15,095	2,853	4,093	-39	-53	-1,601	-163	-4	-51	-113	-21	-31						
Statewide Total	205,015,920,154	201,584,933,649	7,785	10,506	323,019	33,326	816	10,518	22,977	4,369	6,238	7,654	10,330	317,613	32,769	802	10,342	22,592	4,295	6,133	-130	-176	-5406	-558	-14	-176	-385	-73	-104						

\* With entrained roadway dust

Source	County	Existing		EX + Project		Total Existing Emissions (million metric tons/year), MMBTU			Total Existing Plus Project Emissions (million metric tons/year), MMBTU			Changes Emissions (million metric tons/year), MMBTU		
		Annual VMT	Annual VMT	CO2	CO2e	Energy	CO2	CO2e	Energy	CO2	CO2e	Energy	CO2	CO2e
Roadway	LOS ANGELES	73,394,193,078	72,724,087,183.88	23.6	23.9	347,951,386.5	23.4	23.7	344,774,510.1	-0.2	-0.2	-3,176,876.3		
	VENTURA	5,892,874,243	5,859,075,240	1.8	1.8	26,731,884.1	1.8	1.8	26,578,561.4	0.0	0.0	-153,322.6		
	ORANGE	23,850,547,795	23,717,213,976	7.4	7.6	109,819,611.1	7.4	7.5	109,205,676.8	0.0	0.0	-613,934.3		
	RIVERSIDE	17,712,108,321	17,633,058,738	5.4	5.4	79,179,768.6	5.3	5.4	78,826,387.3	0.0	0.0	-353,381.3		
	SAN BERNARDINO	12,725,201,965	12,665,228,642	3.8	3.9	56,466,931.1	3.8	3.9	56,200,804.9	0.0	0.0	-266,126.2		
	SANTA BARBARA	864,545,016	840,246,898	0.3	0.3	3,913,304.7	0.3	0.3	3,803,320.9	0.0	0.0	-109,983.8		
	Zero	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Regional Total	134,439,470,419	133,438,910,677	42.3	42.9	624,062,886.1	42.0	42.6	619,389,261.6	-0.3	-0.3	-4,673,624.5			
Statewide Total	205,015,920,154	201,584,933,649	63.0	64.0	930,015,062.9	62.0	62.9	914,451,056.3	-1.1	-1.1	-15,564,006.6			

Source	Area	Existing		EX + Project		Total Existing Emissions (million metric tons/year), MMBTU			Total Existing Plus Project Emissions (million metric tons/year), MMBTU			Changes Emissions (million metric tons/year), MMBTU		
		Number of Flights	Number of Flights	CO2	CO2e	Energy	CO2	CO2e	Energy	CO2	CO2e	Energy	CO2	CO2e
Planes	Southern California	107,915	73,378	0.9	0.9	32,847,020.2	0.6	0.6	8,803,488.3	-0.3	-0.3	-4,143,531.9		
	Statewide	268,567	188,430	2.3	2.3	32,221,206.1	1.6	1.6	22,606,829.5	-0.7	-0.7	-9,614,376.6		

Source	Area	Existing		EX + Project		Total Existing Emissions (million metric tons/year), MMBTU			Total Existing Plus Project Emissions (million metric tons/year), MMBTU			Changes in Emissions (million metric tons/year), MMBTU			
		Energy Use	Energy Use	CO2	CO2e	Energy	CO2	CO2e	Energy	CO2	CO2e	Energy	CO2	CO2e	Energy
Energy - eGRID	Burbank to Los Angeles	-	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0	0.0	15,681.4
	Statewide	-	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0	0.0	1,568,139.3

Totals	Existing		EX + Project		Total Existing Emissions (million metric tons/year), MMBTU			Total Existing Plus Project Emissions (million metric tons/year), MMBTU			Changes in Emissions (million metric tons/year), MMBTU		
	CO2	CO2e	Energy	CO2	CO2e	Energy	CO2	CO2e	Energy	CO2	CO2e	Energy	
Regional	43.2	43.9	637,009,506.2	42.6	43.3	628,192,749.9	-0.6	-0.6	-8,801,475.0				
Statewide	65.3	66.3	962,236,269.0	63.6	64.5	937,057,885.8	-1.3	-1.3	-23,610,243.9				

Criteria Report Tables

Source	County	Existing		EX + Project		Total Existing Emissions (short tons/year)								Total Existing Plus Project Emissions (short tons/year)								Changes in Emissions (short tons/year)								
		Annual VMT	Annual VMT	ROG	TOG	CO	NOX	SO2	PM10	PM10*	PM2.5	PM2.5*	ROG	TOG	CO	NOX	SO2	PM10	PM10*	PM2.5	PM2.5*	ROG	TOG	CO	NOX	SO2	PM10	PM10*	PM2.5	PM2.5*
Roadway	LOS ANGELES	73,394,193,078	72,724,087,183.88	2,954	3,993	119,083	11,968	292	3,762	8,309	1,574	2,257	2,927	3,956	117,995	11,859	289	3,727	8,233	1,560	2,236	2,27	-36	-1087	-109	-3	-34	-76	-14	-21
	VENTURA	5,892,874,243	5,859,075,240	224	302	9,285	958	23	302	668	126	180	222	300	9,231	952	23	301	664	125	179	-1	-2	-53	-5	0	-2	-4	-1	-1
	ORANGE	23,850,547,795	23,717,213,976	924	1,247	37,951	3,881	95	1,220	2,699	509	731	919	1,240	37,739	3,859	94	1,213	2,684	507	727	-5	-7	-212	-22	-1	-15	-3	-4	
	RIVERSIDE	17,712,108,321	17,633,058,738	659	889	27,419	2,891	71	904	2,001	376	541	656	885	27,296	2,878	70	900	1,993	375	539	-3	-4	-122	-13	0	-4	-9	-2	-3
	SAN BERNARDINO	12,725,201,965	12,665,228,642	469	632	19,523	2,081	51	649	1,433	270	388	467	629	19,431	2,071	50	646	1,427	269	386	-2	-3	-92	-10	0	-3	-7	-1	-2
	SANTA BARBARA	864,545,016	840,246,898	32	43	1,219	149	3	44	97	18	26	31	42	1,185	145	3	43	95	18	26	-1	-1	-34	-4	0	-1	-3	-1	-1
	Zero	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0
Regional Total	134,439,470,419	133,438,910,677	5,262	7,107	214,480	21,928	535	6,882	15,208	2,874	4,124	5,222	7,053	212,878	21,765	531	6,830	15,095	2,853	4,093	-39	-53	-1,601	-163	-4	-51	-113	-21	-31	
Statewide Total	205,015,920,154	201,584,933,648.88	7,785	10,506	323,019	33,326	816	10,518	22,977	4,369	6,238	7,654	10,330	317,613	32,765	802	10,342	22,592	4,295	6,133	-130	-176	-5406	-558	-14	-176	-385	-73	-104	

\* With entrained roadway dust

Input Year 2015  
Project Build year base 2033

Input Energy Type eGRID

Scenario: High Scenario

Source	County	Existing		EX+Project		Total Existing Emissions (million metric tons/year), MMBTU			Total Existing Plus Project Emissions (million metric tons/year), MMBTU			Changes Emissions (million metric tons/year), MMBTU			
		Annual VMT	Annual VMT	CO2	CO2e	Energy	CO2	CO2e	Energy	CO2	CO2e	Energy	CO2	CO2e	Energy
Roadway	LOS ANGELES	73,236,845,700	72,310,888,632	23.5	23.9	347,205,425.0	23.2	23.6	342,815,594.8	-0.3	-0.3	-4,389,830.2			
	VENTURA	5,871,995,391	5,823,357,866	3.8	1.9	27,037,544.6	1.8	3.8	26,813,593.6	0.0	0.0	-22,951.0			
	ORANGE	23,786,461,969	23,598,774,570	7.4	7.5	109,524,528.5	7.4	5.1	108,660,323.8	-0.1	-2.4	-864,204.8			
	RIVERSIDE	17,638,349,903	17,527,712,591	5.3	5.4	78,550,040.8	5.3	4.5	78,355,450.6	0.0	-0.9	-494,590.3			
	SAN BERNARDINO	12,686,260,346	12,601,481,161	3.8	3.9	56,204,131.2	3.8	2.9	55,917,931.3	0.0	-1.0	-376,200.0			
	SANTA BARBARA	849,400,023	814,378,660	0.3	0.3	3,844,751.9	0.2	0.2	3,686,230.1	0.0	-0.1	-158,521.8			
	Zero	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
Regional Total	134,069,313,333	132,676,593,479	42	43	622,756,422	42	38	616,249,124	-0.4	-4.7	-6,507,298.1				
Statewide Total	203,997,417,634	199,280,213,986	62.7	63.7	925,394,823.2	61.3	62.2	903,996,141.4	-1.4	-1.5	-21,398,681.8				

Source	Area	Existing		EX+Project		Total Existing Emissions (million metric tons/year), MMBTU			Total Existing Plus Project Emissions (million metric tons/year), MMBTU			Changes Emissions (million metric tons/year), MMBTU			
		# of Flights	# of Flights	CO2	CO2e	Energy	CO2	CO2e	Energy	CO2	CO2e	Energy	CO2	CO2e	Energy
Planes	Southern California	100,674	68,130	0.872	0.9	12,078,343	0.590	0.595	8,173,881,835	-0.3	-0.3	-3,904,460.8			
	Statewide	250,276	173,177	2.2	2.2	30,026,781	1.500	1.513	20,776,778,388	-0.7	-0.7	-9,250,003.0			

Source	Area	Existing		EX+Project		Total Existing Emissions (million metric tons/year), MMBTU			Total Existing Plus Project Emissions (million metric tons/year), MMBTU			Changes in Emissions (million metric tons/year), MMBTU				
		Energy Use	Energy Use	CO2	CO2e	Energy	CO2	CO2e	Energy	CO2	CO2e	Energy	CO2	CO2e	Energy	
Energy - eGRID	Burbank to Los Angeles	-	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0	0.0	17,249.5		
	Statewide	-	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.5	0.5	1,724,953.2		

Totals	Total Existing Emissions (million metric tons/year), MMBTU			Total Existing Plus Project Emissions (million metric tons/year), MMBTU			Changes in Emissions (million metric tons/year), MMBTU		
	CO2	CO2e	Energy	CO2	CO2e	Energy	CO2	CO2e	Energy
Regional	43.1	43.7	634,834,764.7	42.3	38.7	624,423,005.9	-0.7	-5.0	-10,394,509.3
Statewide	64.9	65.8	955,421,604.6	62.8	63.7	924,772,919.8	-1.6	-1.6	-28,923,731.6

Criteria Report Tables

Source	County	Existing		EX+Project		Total Existing Emissions (short tons/year)								Total Existing Plus Project Emissions (short tons/year)								Changes in Emissions (short tons/year)								
		Annual VMT	Annual VMT	ROG	TOG	CO	NOX	SO2	PM10	PM10*	PM2.5	PM2.5*	ROG	TOG	CO	NOX	SO2	PM10	PM10*	PM2.5	PM2.5*	ROG	TOG	CO	NOX	SO2	PM10	PM10*	PM2.5	PM2.5*
Roadway	LOS ANGELES	73,236,845,700	72,310,888,632	2,948	3,984	118,827	11,943	292	3,754	8,291	1,571	2,252	2,911	3,934	117,325	11,792	288	3,706	8,187	1,551	2,223	-37	-50	-1,502	-151	-4	-47	-105	-20	-28
	VENTURA	5,871,995,391	5,823,357,866	227	307	9,344	956	23	300	665	125	180	226	305	9,266	948	23	298	659	124	179	-2	-3	-77	-8	0	-2	-6	-1	-1
	ORANGE	23,786,461,969	23,598,774,570	921	1,244	37,850	3,871	95	1,217	2,691	508	729	914	1,234	37,551	3,840	94	1,207	2,670	504	724	-7	-10	-299	-31	-1	-10	-21	-4	-6
	RIVERSIDE	17,638,349,903	17,527,712,591	656	886	27,304	2,879	70	900	1,993	375	539	652	880	27,133	2,861	70	895	1,981	373	535	-4	-6	-171	-18	0	-6	-13	-2	-3
	SAN BERNARDINO	12,686,260,346	12,601,481,161	467	631	19,464	2,075	51	647	1,429	269	387	464	626	19,334	2,061	50	643	1,419	267	384	-3	-4	-130	-16	0	-4	-10	-2	-3
	SANTA BARBARA	849,400,023	814,378,660	31	42	1,198	147	3	43	96	18	26	30	40	1,148	141	3	42	92	17	25	-1	-2	-49	-6	0	-2	-4	-1	-1
	Zero	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0
Regional Total	134,069,313,333	132,676,593,479	5,252	7,093	213,986	21,869	534	6,862	15,166	2,867	4,113	5,197	7,019	211,757	21,642	528	6,790	15,008	2,837	4,070	-55	-74	-2,229	-227	-6	-71	-158	-30	-43	
Statewide Total	203,997,417,634	199,280,213,986	7,746	10,454	321,414	33,161	812	10,466	22,862	4,347	6,207	7,567	10,212	313,982	32,394	793	10,224	22,334	4,246	6,063	-179	-242	-7432	-767	-19	-242	-529	-101	-144	

\* With entrained roadway dust