

Appendix B
Air Quality and Greenhouse Gas Modelling Data

UCI - ICMC - Orange County, Summer

UCI - ICMC
Orange County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hospital	144.00	Bed	1.60	360,000.00	0
Medical Office Building	225.00	1000sqft	1.00	225,000.00	0
Other Non-Asphalt Surfaces	0.60	Acre	0.60	26,136.00	0
Parking Lot	4.10	Acre	4.10	178,596.00	0
Unenclosed Parking with Elevator	770.00	Space	1.20	308,000.00	0
Unenclosed Parking with Elevator	560.00	Space	0.80	224,000.00	0
Other Asphalt Surfaces	0.60	Acre	0.60	23,136.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8			Operational Year	2023
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	531.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

UCI - ICMC - Orange County, Summer

Project Characteristics - Adjusted per the SCE 2019 Corporate Responsibility and Sustainability Report. The report provides intensity factor of CO2e, the CO2 intensity factor is calculated as $534-25 \times 0.029-298 \times 0.00617=531.4364$ to avoid double counting.

Land Use - Hospital 144 beds, 360,000 sf (1.6 ac footprint) 7 levels. Clinic 225 tsf (TIA) (1 ac footprint) 6 levels. PkgStructA 770 stalls (1.2 ac footprint) 6 levels. PkgStructB 560 stalls (0.8 ac footprint) 6 levels, 0.6ac temp staging/laydown

Construction Phase - based on construction schedule in PD

Trips and VMT -

Demolition - based on Google Earth

Grading - export 18,141 cubic yards based on earth movement calculations

Architectural Coating - Low VOC Paint - Rule 1113

Vehicle Trips - Adjusted to include internal capture identified in Traffic Study

Area Coating - Rule 1113, low VOC paint

Energy Use -

Water And Wastewater -

Solid Waste -

Construction Off-road Equipment Mitigation - Rule 403

Mobile Land Use Mitigation - 1150 jobs/11.6 acres = 99 jobs/acre

Mobile Commute Mitigation -

Energy Mitigation - LEED Gold certification. 20-30% reduction over Title 24 2019 standard, 2019 standard exceeds 2016 by 30%

Water Mitigation - low flow fixtures

Waste Mitigation - AB 939 - divert at least 50% of solid waste from landfills

Stationary Sources - Emergency Generators and Fire Pumps - Emergency Power Supply System (EPSS) based on similar project

Stationary Sources - Process Boilers -

Stationary Sources - User Defined -

Stationary Sources - Emergency Generators and Fire Pumps EF - 2017 off-road diesel emission factor update, CARB. Rule 1470 AQMD

Fleet Mix - Other Asphalt - temporary construction staging - no operational emissions

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00

UCI - ICMC - Orange County, Summer

tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	230.00	525.00
tblConstructionPhase	NumDays	230.00	612.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDays	20.00	86.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDays	20.00	87.00
tblGrading	MaterialExported	0.00	18,141.00
tblLandUse	LandUseSquareFeet	103,069.09	360,000.00
tblLandUse	LandUseSquareFeet	26,136.00	23,136.00
tblLandUse	LotAcreage	2.37	1.60
tblLandUse	LotAcreage	5.17	1.00
tblLandUse	LotAcreage	6.93	1.20
tblLandUse	LotAcreage	5.04	0.80
tblProjectCharacteristics	CO2IntensityFactor	702.44	531.44
tblStationaryBoilersUse	AnnualHeatInput	0.00	18,250.00
tblStationaryBoilersUse	BoilerRatingValue	0.00	75.00
tblStationaryBoilersUse	DailyHeatInput	0.00	50.00
tblStationaryBoilersUse	NumberOfEquipment	0.00	2.00

UCI - ICMC - Orange County, Summer

tblStationaryGeneratorsPumpsEF	NOX_EF	4.56	0.50
tblStationaryGeneratorsPumpsEF	PM10_EF	0.15	0.02
tblStationaryGeneratorsPumpsEF	PM2_5_EF	0.15	0.02
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	2,667.00
tblStationaryGeneratorsPumpsUse	HoursPerDay	0.00	1.00
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	199.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	2.00
tblTripsAndVMT	VendorTripNumber	220.00	217.00
tblTripsAndVMT	VendorTripNumber	220.00	217.00
tblTripsAndVMT	WorkerTripNumber	506.00	497.00
tblTripsAndVMT	WorkerTripNumber	506.00	497.00
tblTripsAndVMT	WorkerTripNumber	101.00	99.00
tblTripsAndVMT	WorkerTripNumber	101.00	99.00
tblVehicleEF	HHD	0.47	0.03
tblVehicleEF	HHD	0.16	0.14
tblVehicleEF	HHD	0.07	8.0464e-007
tblVehicleEF	HHD	1.51	6.08
tblVehicleEF	HHD	1.25	0.62
tblVehicleEF	HHD	4.18	0.01
tblVehicleEF	HHD	3,872.44	1,027.75
tblVehicleEF	HHD	1,597.37	1,392.67
tblVehicleEF	HHD	13.53	0.08
tblVehicleEF	HHD	13.41	5.31
tblVehicleEF	HHD	1.83	2.44
tblVehicleEF	HHD	19.09	2.48
tblVehicleEF	HHD	0.01	3.0945e-003
tblVehicleEF	HHD	0.06	0.06

UCI - ICMC - Orange County, Summer

tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	6.0810e-003	0.02
tblVehicleEF	HHD	1.2600e-004	1.1940e-006
tblVehicleEF	HHD	0.01	2.9606e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6700e-003	8.7641e-003
tblVehicleEF	HHD	5.8180e-003	0.02
tblVehicleEF	HHD	1.1600e-004	1.0979e-006
tblVehicleEF	HHD	1.1500e-004	4.2641e-006
tblVehicleEF	HHD	4.7550e-003	1.8047e-004
tblVehicleEF	HHD	0.36	0.41
tblVehicleEF	HHD	8.8000e-005	3.0444e-006
tblVehicleEF	HHD	0.08	0.03
tblVehicleEF	HHD	4.2300e-004	8.2428e-004
tblVehicleEF	HHD	0.09	4.2069e-006
tblVehicleEF	HHD	0.03	9.3925e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.0400e-004	7.8953e-007
tblVehicleEF	HHD	1.1500e-004	4.2641e-006
tblVehicleEF	HHD	4.7550e-003	1.8047e-004
tblVehicleEF	HHD	0.44	0.47
tblVehicleEF	HHD	8.8000e-005	3.0444e-006
tblVehicleEF	HHD	0.26	0.17
tblVehicleEF	HHD	4.2300e-004	8.2428e-004
tblVehicleEF	HHD	0.10	4.6061e-006
tblVehicleEF	HHD	0.44	0.03
tblVehicleEF	HHD	0.16	0.14

UCI - ICMC - Orange County, Summer

tblVehicleEF	HHD	0.06	7.7285e-007
tblVehicleEF	HHD	1.10	5.99
tblVehicleEF	HHD	1.26	0.62
tblVehicleEF	HHD	3.98	0.01
tblVehicleEF	HHD	4,102.50	1,016.72
tblVehicleEF	HHD	1,597.37	1,392.67
tblVehicleEF	HHD	13.53	0.08
tblVehicleEF	HHD	13.84	5.09
tblVehicleEF	HHD	1.73	2.31
tblVehicleEF	HHD	19.08	2.48
tblVehicleEF	HHD	0.01	2.6885e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	6.0810e-003	0.02
tblVehicleEF	HHD	1.2600e-004	1.1940e-006
tblVehicleEF	HHD	9.6890e-003	2.5722e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6700e-003	8.7641e-003
tblVehicleEF	HHD	5.8180e-003	0.02
tblVehicleEF	HHD	1.1600e-004	1.0979e-006
tblVehicleEF	HHD	1.6500e-004	6.2418e-006
tblVehicleEF	HHD	4.8480e-003	1.8313e-004
tblVehicleEF	HHD	0.34	0.43
tblVehicleEF	HHD	1.2200e-004	4.4756e-006
tblVehicleEF	HHD	0.08	0.03
tblVehicleEF	HHD	4.0800e-004	8.0826e-004
tblVehicleEF	HHD	0.09	4.0515e-006

UCI - ICMC - Orange County, Summer

tblVehicleEF	HHD	0.04	9.2884e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.0000e-004	7.8176e-007
tblVehicleEF	HHD	1.6500e-004	6.2418e-006
tblVehicleEF	HHD	4.8480e-003	1.8313e-004
tblVehicleEF	HHD	0.42	0.50
tblVehicleEF	HHD	1.2200e-004	4.4756e-006
tblVehicleEF	HHD	0.26	0.17
tblVehicleEF	HHD	4.0800e-004	8.0826e-004
tblVehicleEF	HHD	0.09	4.4359e-006
tblVehicleEF	HHD	0.51	0.03
tblVehicleEF	HHD	0.16	0.14
tblVehicleEF	HHD	0.07	8.1219e-007
tblVehicleEF	HHD	2.08	6.20
tblVehicleEF	HHD	1.25	0.62
tblVehicleEF	HHD	4.22	0.01
tblVehicleEF	HHD	3,554.73	1,042.97
tblVehicleEF	HHD	1,597.37	1,392.67
tblVehicleEF	HHD	13.53	0.08
tblVehicleEF	HHD	12.81	5.62
tblVehicleEF	HHD	1.80	2.40
tblVehicleEF	HHD	19.10	2.48
tblVehicleEF	HHD	0.01	3.6551e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	6.0810e-003	0.02
tblVehicleEF	HHD	1.2600e-004	1.1940e-006

UCI - ICMC - Orange County, Summer

tblVehicleEF	HHD	0.01	3.4970e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6700e-003	8.7641e-003
tblVehicleEF	HHD	5.8180e-003	0.02
tblVehicleEF	HHD	1.1600e-004	1.0979e-006
tblVehicleEF	HHD	1.1300e-004	4.4195e-006
tblVehicleEF	HHD	5.0850e-003	1.9963e-004
tblVehicleEF	HHD	0.39	0.37
tblVehicleEF	HHD	8.8000e-005	3.1681e-006
tblVehicleEF	HHD	0.08	0.03
tblVehicleEF	HHD	4.6100e-004	8.7999e-004
tblVehicleEF	HHD	0.09	4.2430e-006
tblVehicleEF	HHD	0.03	9.5362e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.0400e-004	7.9102e-007
tblVehicleEF	HHD	1.1300e-004	4.4195e-006
tblVehicleEF	HHD	5.0850e-003	1.9963e-004
tblVehicleEF	HHD	0.48	0.44
tblVehicleEF	HHD	8.8000e-005	3.1681e-006
tblVehicleEF	HHD	0.26	0.17
tblVehicleEF	HHD	4.6100e-004	8.7999e-004
tblVehicleEF	HHD	0.10	4.6455e-006
tblVehicleEF	LDA	3.5840e-003	2.0518e-003
tblVehicleEF	LDA	3.9920e-003	0.04
tblVehicleEF	LDA	0.52	0.59
tblVehicleEF	LDA	0.92	1.99
tblVehicleEF	LDA	242.31	249.36

UCI - ICMC - Orange County, Summer

tblVehicleEF	LDA	53.99	51.01
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.05	0.16
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.8390e-003	1.5020e-003
tblVehicleEF	LDA	2.2490e-003	1.7537e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.6950e-003	1.3832e-003
tblVehicleEF	LDA	2.0680e-003	1.6125e-003
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	9.0380e-003	7.5936e-003
tblVehicleEF	LDA	0.04	0.19
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	2.4260e-003	2.4668e-003
tblVehicleEF	LDA	5.5500e-004	5.0480e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.19
tblVehicleEF	LDA	0.06	0.21
tblVehicleEF	LDA	3.7860e-003	2.1852e-003
tblVehicleEF	LDA	3.5910e-003	0.04

UCI - ICMC - Orange County, Summer

tblVehicleEF	LDA	0.56	0.64
tblVehicleEF	LDA	0.80	1.72
tblVehicleEF	LDA	252.48	259.55
tblVehicleEF	LDA	53.99	50.52
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.05	0.15
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.8390e-003	1.5020e-003
tblVehicleEF	LDA	2.2490e-003	1.7537e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.6950e-003	1.3832e-003
tblVehicleEF	LDA	2.0680e-003	1.6125e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	9.5380e-003	8.0161e-003
tblVehicleEF	LDA	0.03	0.18
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.5280e-003	2.5676e-003
tblVehicleEF	LDA	5.5300e-004	4.9989e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.18

UCI - ICMC - Orange County, Summer

tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	3.5150e-003	2.0098e-003
tblVehicleEF	LDA	4.0740e-003	0.04
tblVehicleEF	LDA	0.50	0.57
tblVehicleEF	LDA	0.95	2.05
tblVehicleEF	LDA	238.56	245.60
tblVehicleEF	LDA	53.99	51.12
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.8390e-003	1.5020e-003
tblVehicleEF	LDA	2.2490e-003	1.7537e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.6950e-003	1.3832e-003
tblVehicleEF	LDA	2.0680e-003	1.6125e-003
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	8.8680e-003	7.4511e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	2.3880e-003	2.4296e-003
tblVehicleEF	LDA	5.5600e-004	5.0587e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.09	0.09

UCI - ICMC - Orange County, Summer

tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.06	0.21
tblVehicleEF	LDT1	8.0440e-003	4.7359e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.00	1.03
tblVehicleEF	LDT1	2.24	2.17
tblVehicleEF	LDT1	303.32	296.14
tblVehicleEF	LDT1	67.98	61.59
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.13	0.23
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.3740e-003	1.9816e-003
tblVehicleEF	LDT1	3.0400e-003	2.3129e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.1840e-003	1.8229e-003
tblVehicleEF	LDT1	2.7950e-003	2.1267e-003
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.22	0.17
tblVehicleEF	LDT1	0.09	0.00
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.14	0.58
tblVehicleEF	LDT1	0.15	0.30
tblVehicleEF	LDT1	3.0440e-003	2.9306e-003

UCI - ICMC - Orange County, Summer

tblVehicleEF	LDT1	7.1900e-004	6.0953e-004
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.22	0.17
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.14	0.58
tblVehicleEF	LDT1	0.16	0.32
tblVehicleEF	LDT1	8.4500e-003	5.0088e-003
tblVehicleEF	LDT1	9.9950e-003	0.06
tblVehicleEF	LDT1	1.08	1.11
tblVehicleEF	LDT1	1.93	1.87
tblVehicleEF	LDT1	315.58	306.58
tblVehicleEF	LDT1	67.98	61.02
tblVehicleEF	LDT1	0.08	0.07
tblVehicleEF	LDT1	0.12	0.21
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.3740e-003	1.9816e-003
tblVehicleEF	LDT1	3.0400e-003	2.3129e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.1840e-003	1.8229e-003
tblVehicleEF	LDT1	2.7950e-003	2.1267e-003
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.23	0.17
tblVehicleEF	LDT1	0.13	0.00
tblVehicleEF	LDT1	0.02	0.02

UCI - ICMC - Orange County, Summer

tblVehicleEF	LDT1	0.13	0.53
tblVehicleEF	LDT1	0.13	0.27
tblVehicleEF	LDT1	3.1680e-003	3.0339e-003
tblVehicleEF	LDT1	7.1300e-004	6.0381e-004
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.23	0.17
tblVehicleEF	LDT1	0.13	0.13
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.13	0.53
tblVehicleEF	LDT1	0.15	0.29
tblVehicleEF	LDT1	7.9040e-003	4.6486e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	0.97	0.99
tblVehicleEF	LDT1	2.30	2.23
tblVehicleEF	LDT1	298.79	292.29
tblVehicleEF	LDT1	67.98	61.72
tblVehicleEF	LDT1	0.09	0.07
tblVehicleEF	LDT1	0.13	0.23
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.3740e-003	1.9816e-003
tblVehicleEF	LDT1	3.0400e-003	2.3129e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.1840e-003	1.8229e-003
tblVehicleEF	LDT1	2.7950e-003	2.1267e-003
tblVehicleEF	LDT1	0.11	0.11

UCI - ICMC - Orange County, Summer

tblVehicleEF	LDT1	0.25	0.19
tblVehicleEF	LDT1	0.09	0.00
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.15	0.30
tblVehicleEF	LDT1	2.9980e-003	2.8924e-003
tblVehicleEF	LDT1	7.2000e-004	6.1077e-004
tblVehicleEF	LDT1	0.11	0.11
tblVehicleEF	LDT1	0.25	0.19
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.17	0.33
tblVehicleEF	LDT2	4.9710e-003	3.2951e-003
tblVehicleEF	LDT2	5.3310e-003	0.06
tblVehicleEF	LDT2	0.67	0.79
tblVehicleEF	LDT2	1.19	2.52
tblVehicleEF	LDT2	342.73	317.53
tblVehicleEF	LDT2	76.37	66.48
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.09	0.24
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8340e-003	1.5139e-003
tblVehicleEF	LDT2	2.2690e-003	1.7024e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003

UCI - ICMC - Orange County, Summer

tblVehicleEF	LDT2	1.6860e-003	1.3934e-003
tblVehicleEF	LDT2	2.0860e-003	1.5653e-003
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.38
tblVehicleEF	LDT2	0.07	0.27
tblVehicleEF	LDT2	3.4320e-003	3.1413e-003
tblVehicleEF	LDT2	7.8300e-004	6.5790e-004
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.38
tblVehicleEF	LDT2	0.08	0.30
tblVehicleEF	LDT2	5.2490e-003	3.4997e-003
tblVehicleEF	LDT2	4.8000e-003	0.05
tblVehicleEF	LDT2	0.73	0.86
tblVehicleEF	LDT2	1.03	2.18
tblVehicleEF	LDT2	356.77	327.66
tblVehicleEF	LDT2	76.37	65.84
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.08	0.23
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8340e-003	1.5139e-003

UCI - ICMC - Orange County, Summer

tblVehicleEF	LDT2	2.2690e-003	1.7024e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6860e-003	1.3934e-003
tblVehicleEF	LDT2	2.0860e-003	1.5653e-003
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.35
tblVehicleEF	LDT2	0.06	0.24
tblVehicleEF	LDT2	3.5730e-003	3.2415e-003
tblVehicleEF	LDT2	7.8100e-004	6.5155e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.05	0.35
tblVehicleEF	LDT2	0.07	0.27
tblVehicleEF	LDT2	4.8770e-003	3.2305e-003
tblVehicleEF	LDT2	5.4400e-003	0.06
tblVehicleEF	LDT2	0.65	0.76
tblVehicleEF	LDT2	1.22	2.60
tblVehicleEF	LDT2	337.54	313.79
tblVehicleEF	LDT2	76.37	66.62
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.09	0.25

UCI - ICMC - Orange County, Summer

tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8340e-003	1.5139e-003
tblVehicleEF	LDT2	2.2690e-003	1.7024e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6860e-003	1.3934e-003
tblVehicleEF	LDT2	2.0860e-003	1.5653e-003
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.07	0.28
tblVehicleEF	LDT2	3.3800e-003	3.1043e-003
tblVehicleEF	LDT2	7.8400e-004	6.5929e-004
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.08	0.30
tblVehicleEF	LHD1	5.1440e-003	5.3845e-003
tblVehicleEF	LHD1	8.3180e-003	4.0634e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.19
tblVehicleEF	LHD1	0.64	0.46

UCI - ICMC - Orange County, Summer

tblVehicleEF	LHD1	2.21	1.00
tblVehicleEF	LHD1	9.05	8.94
tblVehicleEF	LHD1	587.85	643.60
tblVehicleEF	LHD1	31.08	11.73
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	1.07	0.65
tblVehicleEF	LHD1	0.93	0.31
tblVehicleEF	LHD1	8.7400e-004	8.1190e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.7537e-003
tblVehicleEF	LHD1	9.7940e-003	6.6438e-003
tblVehicleEF	LHD1	8.1700e-004	2.3220e-004
tblVehicleEF	LHD1	8.3600e-004	7.7678e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5470e-003	2.4384e-003
tblVehicleEF	LHD1	9.3500e-003	6.3321e-003
tblVehicleEF	LHD1	7.5200e-004	2.1350e-004
tblVehicleEF	LHD1	2.5990e-003	2.0069e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.6860e-003	1.3024e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.27	0.42
tblVehicleEF	LHD1	0.22	0.07
tblVehicleEF	LHD1	9.1000e-005	8.6787e-005
tblVehicleEF	LHD1	5.7610e-003	6.2796e-003
tblVehicleEF	LHD1	3.5200e-004	1.1603e-004

UCI - ICMC - Orange County, Summer

tblVehicleEF	LHD1	2.5990e-003	2.0069e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.6860e-003	1.3024e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.27	0.42
tblVehicleEF	LHD1	0.25	0.07
tblVehicleEF	LHD1	5.1440e-003	5.3956e-003
tblVehicleEF	LHD1	8.4720e-003	4.1291e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.19
tblVehicleEF	LHD1	0.65	0.47
tblVehicleEF	LHD1	2.11	0.96
tblVehicleEF	LHD1	9.05	8.94
tblVehicleEF	LHD1	587.85	643.61
tblVehicleEF	LHD1	31.08	11.65
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	1.00	0.61
tblVehicleEF	LHD1	0.90	0.30
tblVehicleEF	LHD1	8.7400e-004	8.1190e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.7537e-003
tblVehicleEF	LHD1	9.7940e-003	6.6438e-003
tblVehicleEF	LHD1	8.1700e-004	2.3220e-004
tblVehicleEF	LHD1	8.3600e-004	7.7678e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5470e-003	2.4384e-003

UCI - ICMC - Orange County, Summer

tblVehicleEF	LHD1	9.3500e-003	6.3321e-003
tblVehicleEF	LHD1	7.5200e-004	2.1350e-004
tblVehicleEF	LHD1	3.6240e-003	2.8071e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.2760e-003	1.7674e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.26	0.40
tblVehicleEF	LHD1	0.22	0.06
tblVehicleEF	LHD1	9.1000e-005	8.6787e-005
tblVehicleEF	LHD1	5.7620e-003	6.2797e-003
tblVehicleEF	LHD1	3.5100e-004	1.1532e-004
tblVehicleEF	LHD1	3.6240e-003	2.8071e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	2.2760e-003	1.7674e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.26	0.40
tblVehicleEF	LHD1	0.24	0.07
tblVehicleEF	LHD1	5.1440e-003	5.3824e-003
tblVehicleEF	LHD1	8.2770e-003	4.0457e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.19
tblVehicleEF	LHD1	0.64	0.46
tblVehicleEF	LHD1	2.22	1.00
tblVehicleEF	LHD1	9.05	8.94
tblVehicleEF	LHD1	587.85	643.59

UCI - ICMC - Orange County, Summer

tblVehicleEF	LHD1	31.08	11.74
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	1.05	0.64
tblVehicleEF	LHD1	0.94	0.31
tblVehicleEF	LHD1	8.7400e-004	8.1190e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.7537e-003
tblVehicleEF	LHD1	9.7940e-003	6.6438e-003
tblVehicleEF	LHD1	8.1700e-004	2.3220e-004
tblVehicleEF	LHD1	8.3600e-004	7.7678e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5470e-003	2.4384e-003
tblVehicleEF	LHD1	9.3500e-003	6.3321e-003
tblVehicleEF	LHD1	7.5200e-004	2.1350e-004
tblVehicleEF	LHD1	2.6790e-003	2.0730e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.7000e-003	1.3162e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.29	0.45
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	9.1000e-005	8.6787e-005
tblVehicleEF	LHD1	5.7610e-003	6.2796e-003
tblVehicleEF	LHD1	3.5300e-004	1.1614e-004
tblVehicleEF	LHD1	2.6790e-003	2.0730e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03

UCI - ICMC - Orange County, Summer

tblVehicleEF	LHD1	1.7000e-003	1.3162e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.29	0.45
tblVehicleEF	LHD1	0.25	0.07
tblVehicleEF	LHD2	3.7290e-003	3.8794e-003
tblVehicleEF	LHD2	3.3120e-003	3.0662e-003
tblVehicleEF	LHD2	7.2560e-003	9.8116e-003
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.29	0.34
tblVehicleEF	LHD2	1.18	0.68
tblVehicleEF	LHD2	13.67	13.53
tblVehicleEF	LHD2	604.69	653.28
tblVehicleEF	LHD2	26.72	9.28
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.64	0.74
tblVehicleEF	LHD2	0.51	0.22
tblVehicleEF	LHD2	1.1580e-003	1.2540e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.8100e-003	9.7310e-003
tblVehicleEF	LHD2	4.1000e-004	1.3374e-004
tblVehicleEF	LHD2	1.1080e-003	1.1997e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6650e-003	2.6360e-003
tblVehicleEF	LHD2	8.4170e-003	9.2961e-003
tblVehicleEF	LHD2	3.7700e-004	1.2297e-004
tblVehicleEF	LHD2	9.7400e-004	1.2825e-003

UCI - ICMC - Orange County, Summer

tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.8200e-004	8.5779e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.07	0.26
tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	1.3400e-004	1.2968e-004
tblVehicleEF	LHD2	5.8880e-003	6.3215e-003
tblVehicleEF	LHD2	2.8800e-004	9.1841e-005
tblVehicleEF	LHD2	9.7400e-004	1.2825e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.8200e-004	8.5779e-004
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.07	0.26
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	3.7290e-003	3.8874e-003
tblVehicleEF	LHD2	3.3450e-003	3.0936e-003
tblVehicleEF	LHD2	7.0320e-003	9.5029e-003
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.29	0.34
tblVehicleEF	LHD2	1.13	0.65
tblVehicleEF	LHD2	13.67	13.53
tblVehicleEF	LHD2	604.69	653.28
tblVehicleEF	LHD2	26.72	9.23
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.61	0.70

UCI - ICMC - Orange County, Summer

tblVehicleEF	LHD2	0.49	0.21
tblVehicleEF	LHD2	1.1580e-003	1.2540e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.8100e-003	9.7310e-003
tblVehicleEF	LHD2	4.1000e-004	1.3374e-004
tblVehicleEF	LHD2	1.1080e-003	1.1997e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6650e-003	2.6360e-003
tblVehicleEF	LHD2	8.4170e-003	9.2961e-003
tblVehicleEF	LHD2	3.7700e-004	1.2297e-004
tblVehicleEF	LHD2	1.3660e-003	1.7960e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	9.2300e-004	1.1646e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.07	0.25
tblVehicleEF	LHD2	0.09	0.05
tblVehicleEF	LHD2	1.3400e-004	1.2968e-004
tblVehicleEF	LHD2	5.8880e-003	6.3216e-003
tblVehicleEF	LHD2	2.8800e-004	9.1357e-005
tblVehicleEF	LHD2	1.3660e-003	1.7960e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.2300e-004	1.1646e-003
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.07	0.25

UCI - ICMC - Orange County, Summer

tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	3.7290e-003	3.8779e-003
tblVehicleEF	LHD2	3.3030e-003	3.0589e-003
tblVehicleEF	LHD2	7.3020e-003	9.8750e-003
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.29	0.34
tblVehicleEF	LHD2	1.18	0.68
tblVehicleEF	LHD2	13.67	13.53
tblVehicleEF	LHD2	604.69	653.27
tblVehicleEF	LHD2	26.72	9.29
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.63	0.73
tblVehicleEF	LHD2	0.51	0.22
tblVehicleEF	LHD2	1.1580e-003	1.2540e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.8100e-003	9.7310e-003
tblVehicleEF	LHD2	4.1000e-004	1.3374e-004
tblVehicleEF	LHD2	1.1080e-003	1.1997e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6650e-003	2.6360e-003
tblVehicleEF	LHD2	8.4170e-003	9.2961e-003
tblVehicleEF	LHD2	3.7700e-004	1.2297e-004
tblVehicleEF	LHD2	9.7300e-004	1.2991e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.7600e-004	8.5089e-004

UCI - ICMC - Orange County, Summer

tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.08	0.28
tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	1.3400e-004	1.2968e-004
tblVehicleEF	LHD2	5.8880e-003	6.3215e-003
tblVehicleEF	LHD2	2.8800e-004	9.1917e-005
tblVehicleEF	LHD2	9.7300e-004	1.2991e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.7600e-004	8.5089e-004
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.08	0.28
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	MCY	0.49	0.35
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.11	18.34
tblVehicleEF	MCY	9.59	8.48
tblVehicleEF	MCY	178.39	214.43
tblVehicleEF	MCY	44.52	59.44
tblVehicleEF	MCY	1.12	1.12
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.2180e-003	2.2005e-003
tblVehicleEF	MCY	3.6330e-003	3.0777e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003

UCI - ICMC - Orange County, Summer

tblVehicleEF	MCY	2.0720e-003	2.0559e-003
tblVehicleEF	MCY	3.4160e-003	2.8938e-003
tblVehicleEF	MCY	1.13	1.15
tblVehicleEF	MCY	0.67	0.69
tblVehicleEF	MCY	0.69	0.71
tblVehicleEF	MCY	2.35	2.37
tblVehicleEF	MCY	0.62	1.91
tblVehicleEF	MCY	2.03	1.80
tblVehicleEF	MCY	2.1510e-003	2.1219e-003
tblVehicleEF	MCY	6.6200e-004	5.8822e-004
tblVehicleEF	MCY	1.13	1.15
tblVehicleEF	MCY	0.67	0.69
tblVehicleEF	MCY	0.69	0.71
tblVehicleEF	MCY	2.93	2.94
tblVehicleEF	MCY	0.62	1.91
tblVehicleEF	MCY	2.21	1.96
tblVehicleEF	MCY	0.48	0.34
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	17.46	17.67
tblVehicleEF	MCY	8.83	7.76
tblVehicleEF	MCY	178.39	213.16
tblVehicleEF	MCY	44.52	57.68
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.2180e-003	2.2005e-003

UCI - ICMC - Orange County, Summer

tblVehicleEF	MCY	3.6330e-003	3.0777e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.0720e-003	2.0559e-003
tblVehicleEF	MCY	3.4160e-003	2.8938e-003
tblVehicleEF	MCY	1.69	1.73
tblVehicleEF	MCY	0.71	0.73
tblVehicleEF	MCY	1.10	1.12
tblVehicleEF	MCY	2.30	2.31
tblVehicleEF	MCY	0.58	1.79
tblVehicleEF	MCY	1.83	1.61
tblVehicleEF	MCY	2.1390e-003	2.1094e-003
tblVehicleEF	MCY	6.4300e-004	5.7079e-004
tblVehicleEF	MCY	1.69	1.73
tblVehicleEF	MCY	0.71	0.73
tblVehicleEF	MCY	1.10	1.12
tblVehicleEF	MCY	2.86	2.87
tblVehicleEF	MCY	0.58	1.79
tblVehicleEF	MCY	1.99	1.75
tblVehicleEF	MCY	0.49	0.35
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.21	18.44
tblVehicleEF	MCY	9.71	8.60
tblVehicleEF	MCY	178.39	214.62
tblVehicleEF	MCY	44.52	59.76
tblVehicleEF	MCY	1.09	1.09
tblVehicleEF	MCY	0.31	0.27

UCI - ICMC - Orange County, Summer

tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.2180e-003	2.2005e-003
tblVehicleEF	MCY	3.6330e-003	3.0777e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.0720e-003	2.0559e-003
tblVehicleEF	MCY	3.4160e-003	2.8938e-003
tblVehicleEF	MCY	1.25	1.27
tblVehicleEF	MCY	0.86	0.88
tblVehicleEF	MCY	0.73	0.75
tblVehicleEF	MCY	2.36	2.38
tblVehicleEF	MCY	0.71	2.20
tblVehicleEF	MCY	2.07	1.84
tblVehicleEF	MCY	2.1530e-003	2.1239e-003
tblVehicleEF	MCY	6.6500e-004	5.9133e-004
tblVehicleEF	MCY	1.25	1.27
tblVehicleEF	MCY	0.86	0.88
tblVehicleEF	MCY	0.73	0.75
tblVehicleEF	MCY	2.94	2.95
tblVehicleEF	MCY	0.71	2.20
tblVehicleEF	MCY	2.25	2.00
tblVehicleEF	MDV	9.1870e-003	4.2220e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.04	0.90
tblVehicleEF	MDV	2.15	2.83
tblVehicleEF	MDV	467.69	393.33

UCI - ICMC - Orange County, Summer

tblVehicleEF	MDV	101.87	80.90
tblVehicleEF	MDV	0.11	0.08
tblVehicleEF	MDV	0.19	0.30
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8820e-003	1.6172e-003
tblVehicleEF	MDV	2.2700e-003	1.7983e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7350e-003	1.4913e-003
tblVehicleEF	MDV	2.0880e-003	1.6536e-003
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.09	0.40
tblVehicleEF	MDV	0.16	0.34
tblVehicleEF	MDV	4.6820e-003	3.8882e-003
tblVehicleEF	MDV	1.0560e-003	8.0061e-004
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.09	0.40
tblVehicleEF	MDV	0.17	0.37
tblVehicleEF	MDV	9.6820e-003	4.4795e-003
tblVehicleEF	MDV	0.01	0.06

UCI - ICMC - Orange County, Summer

tblVehicleEF	MDV	1.13	0.98
tblVehicleEF	MDV	1.86	2.44
tblVehicleEF	MDV	486.30	403.90
tblVehicleEF	MDV	101.87	80.16
tblVehicleEF	MDV	0.10	0.07
tblVehicleEF	MDV	0.18	0.28
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8820e-003	1.6172e-003
tblVehicleEF	MDV	2.2700e-003	1.7983e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7350e-003	1.4913e-003
tblVehicleEF	MDV	2.0880e-003	1.6536e-003
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.09	0.37
tblVehicleEF	MDV	0.14	0.31
tblVehicleEF	MDV	4.8690e-003	3.9928e-003
tblVehicleEF	MDV	1.0510e-003	7.9330e-004
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.09	0.37

UCI - ICMC - Orange County, Summer

tblVehicleEF	MDV	0.16	0.34
tblVehicleEF	MDV	9.0170e-003	4.1396e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.01	0.87
tblVehicleEF	MDV	2.21	2.92
tblVehicleEF	MDV	460.81	389.43
tblVehicleEF	MDV	101.87	81.07
tblVehicleEF	MDV	0.10	0.07
tblVehicleEF	MDV	0.20	0.30
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8820e-003	1.6172e-003
tblVehicleEF	MDV	2.2700e-003	1.7983e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7350e-003	1.4913e-003
tblVehicleEF	MDV	2.0880e-003	1.6536e-003
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.16	0.14
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.11	0.47
tblVehicleEF	MDV	0.16	0.35
tblVehicleEF	MDV	4.6120e-003	3.8496e-003
tblVehicleEF	MDV	1.0570e-003	8.0221e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.16	0.14

UCI - ICMC - Orange County, Summer

tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.47
tblVehicleEF	MDV	0.18	0.38
tblVehicleEF	MH	0.02	7.6349e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.49	0.84
tblVehicleEF	MH	4.71	1.82
tblVehicleEF	MH	1,100.52	1,423.89
tblVehicleEF	MH	56.84	17.32
tblVehicleEF	MH	1.24	1.32
tblVehicleEF	MH	0.70	0.23
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	9.3800e-004	2.2417e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2410e-003	3.3068e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	8.6200e-004	2.0612e-004
tblVehicleEF	MH	0.80	0.67
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.36	0.30
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.02	1.05
tblVehicleEF	MH	0.28	0.08
tblVehicleEF	MH	0.01	0.01

UCI - ICMC - Orange County, Summer

tblVehicleEF	MH	6.5000e-004	1.7144e-004
tblVehicleEF	MH	0.80	0.67
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.36	0.30
tblVehicleEF	MH	0.09	0.06
tblVehicleEF	MH	0.02	1.05
tblVehicleEF	MH	0.30	0.09
tblVehicleEF	MH	0.02	7.7851e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.53	0.86
tblVehicleEF	MH	4.46	1.73
tblVehicleEF	MH	1,100.52	1,423.92
tblVehicleEF	MH	56.84	17.17
tblVehicleEF	MH	1.16	1.23
tblVehicleEF	MH	0.67	0.22
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	9.3800e-004	2.2417e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2410e-003	3.3068e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	8.6200e-004	2.0612e-004
tblVehicleEF	MH	1.07	0.91
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.48	0.41
tblVehicleEF	MH	0.07	0.05

UCI - ICMC - Orange County, Summer

tblVehicleEF	MH	0.02	1.02
tblVehicleEF	MH	0.27	0.08
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.4600e-004	1.6988e-004
tblVehicleEF	MH	1.07	0.91
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.48	0.41
tblVehicleEF	MH	0.09	0.07
tblVehicleEF	MH	0.02	1.02
tblVehicleEF	MH	0.29	0.09
tblVehicleEF	MH	0.02	7.5897e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.48	0.83
tblVehicleEF	MH	4.74	1.83
tblVehicleEF	MH	1,100.52	1,423.88
tblVehicleEF	MH	56.84	17.35
tblVehicleEF	MH	1.22	1.29
tblVehicleEF	MH	0.71	0.23
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	9.3800e-004	2.2417e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2410e-003	3.3068e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	8.6200e-004	2.0612e-004
tblVehicleEF	MH	0.87	0.73

UCI - ICMC - Orange County, Summer

tblVehicleEF	MH	0.07	0.06
tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.02	1.11
tblVehicleEF	MH	0.28	0.08
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.5100e-004	1.7170e-004
tblVehicleEF	MH	0.87	0.73
tblVehicleEF	MH	0.07	0.06
tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.09	0.06
tblVehicleEF	MH	0.02	1.11
tblVehicleEF	MH	0.30	0.09
tblVehicleEF	MHD	0.02	4.7658e-003
tblVehicleEF	MHD	2.9430e-003	1.3812e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.33	0.39
tblVehicleEF	MHD	0.26	0.19
tblVehicleEF	MHD	5.08	1.21
tblVehicleEF	MHD	141.00	53.16
tblVehicleEF	MHD	1,129.46	1,011.60
tblVehicleEF	MHD	58.21	12.50
tblVehicleEF	MHD	0.36	0.25
tblVehicleEF	MHD	0.69	0.95
tblVehicleEF	MHD	10.82	1.53
tblVehicleEF	MHD	7.6000e-005	1.9781e-004
tblVehicleEF	MHD	0.13	0.13

UCI - ICMC - Orange County, Summer

tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.7910e-003	5.6976e-003
tblVehicleEF	MHD	7.2300e-004	1.1541e-004
tblVehicleEF	MHD	7.2000e-005	1.8926e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.6680e-003	5.4456e-003
tblVehicleEF	MHD	6.6500e-004	1.0611e-004
tblVehicleEF	MHD	9.9700e-004	4.8129e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.7900e-004	3.4273e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.31	0.06
tblVehicleEF	MHD	1.3570e-003	5.0631e-004
tblVehicleEF	MHD	0.01	9.6794e-003
tblVehicleEF	MHD	6.7100e-004	1.2371e-004
tblVehicleEF	MHD	9.9700e-004	4.8129e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	6.7900e-004	3.4273e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.34	0.06
tblVehicleEF	MHD	0.01	4.5191e-003
tblVehicleEF	MHD	2.9770e-003	1.4067e-003

UCI - ICMC - Orange County, Summer

tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.24	0.32
tblVehicleEF	MHD	0.26	0.19
tblVehicleEF	MHD	4.84	1.16
tblVehicleEF	MHD	149.34	53.14
tblVehicleEF	MHD	1,129.46	1,011.61
tblVehicleEF	MHD	58.21	12.40
tblVehicleEF	MHD	0.37	0.24
tblVehicleEF	MHD	0.65	0.90
tblVehicleEF	MHD	10.79	1.52
tblVehicleEF	MHD	6.4000e-005	1.6898e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.7910e-003	5.6976e-003
tblVehicleEF	MHD	7.2300e-004	1.1541e-004
tblVehicleEF	MHD	6.1000e-005	1.6167e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.6680e-003	5.4456e-003
tblVehicleEF	MHD	6.6500e-004	1.0611e-004
tblVehicleEF	MHD	1.4050e-003	6.7948e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	9.3200e-004	4.6860e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.30	0.06

UCI - ICMC - Orange County, Summer

tblVehicleEF	MHD	1.4350e-003	5.0631e-004
tblVehicleEF	MHD	0.01	9.6795e-003
tblVehicleEF	MHD	6.6700e-004	1.2274e-004
tblVehicleEF	MHD	1.4050e-003	6.7948e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	9.3200e-004	4.6860e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.33	0.06
tblVehicleEF	MHD	0.02	5.1223e-003
tblVehicleEF	MHD	2.9330e-003	1.3724e-003
tblVehicleEF	MHD	0.05	0.01
tblVehicleEF	MHD	0.46	0.48
tblVehicleEF	MHD	0.26	0.19
tblVehicleEF	MHD	5.12	1.22
tblVehicleEF	MHD	129.46	53.18
tblVehicleEF	MHD	1,129.46	1,011.60
tblVehicleEF	MHD	58.21	12.52
tblVehicleEF	MHD	0.34	0.26
tblVehicleEF	MHD	0.68	0.93
tblVehicleEF	MHD	10.83	1.53
tblVehicleEF	MHD	9.2000e-005	2.3763e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.7910e-003	5.6976e-003
tblVehicleEF	MHD	7.2300e-004	1.1541e-004

UCI - ICMC - Orange County, Summer

tblVehicleEF	MHD	8.8000e-005	2.2735e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.6680e-003	5.4456e-003
tblVehicleEF	MHD	6.6500e-004	1.0611e-004
tblVehicleEF	MHD	1.0150e-003	4.7978e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.8500e-004	3.4117e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.11
tblVehicleEF	MHD	0.32	0.06
tblVehicleEF	MHD	1.2480e-003	5.0623e-004
tblVehicleEF	MHD	0.01	9.6794e-003
tblVehicleEF	MHD	6.7200e-004	1.2390e-004
tblVehicleEF	MHD	1.0150e-003	4.7978e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.8500e-004	3.4117e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.11
tblVehicleEF	MHD	0.35	0.06
tblVehicleEF	OBUS	0.01	8.6761e-003
tblVehicleEF	OBUS	5.8760e-003	4.8662e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.55
tblVehicleEF	OBUS	0.43	0.61

UCI - ICMC - Orange County, Summer

tblVehicleEF	OBUS	5.05	2.32
tblVehicleEF	OBUS	76.29	77.70
tblVehicleEF	OBUS	1,208.63	1,354.39
tblVehicleEF	OBUS	69.33	19.82
tblVehicleEF	OBUS	0.15	0.29
tblVehicleEF	OBUS	0.55	0.97
tblVehicleEF	OBUS	1.99	0.75
tblVehicleEF	OBUS	1.4000e-005	9.7570e-005
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.3250e-003	6.0792e-003
tblVehicleEF	OBUS	8.7700e-004	1.9850e-004
tblVehicleEF	OBUS	1.3000e-005	9.3349e-005
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.2060e-003	5.8002e-003
tblVehicleEF	OBUS	8.0600e-004	1.8251e-004
tblVehicleEF	OBUS	1.3670e-003	1.7572e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.5000e-004	9.4778e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.04	0.23
tblVehicleEF	OBUS	0.32	0.11
tblVehicleEF	OBUS	7.4000e-004	7.4054e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8200e-004	1.9609e-004

UCI - ICMC - Orange County, Summer

tblVehicleEF	OBUS	1.3670e-003	1.7572e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	7.5000e-004	9.4778e-004
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.04	0.23
tblVehicleEF	OBUS	0.35	0.12
tblVehicleEF	OBUS	0.01	8.7517e-003
tblVehicleEF	OBUS	5.9810e-003	4.9687e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.55
tblVehicleEF	OBUS	0.43	0.62
tblVehicleEF	OBUS	4.79	2.20
tblVehicleEF	OBUS	79.82	76.85
tblVehicleEF	OBUS	1,208.63	1,354.41
tblVehicleEF	OBUS	69.33	19.61
tblVehicleEF	OBUS	0.16	0.28
tblVehicleEF	OBUS	0.51	0.91
tblVehicleEF	OBUS	1.96	0.74
tblVehicleEF	OBUS	1.2000e-005	8.6697e-005
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.3250e-003	6.0792e-003
tblVehicleEF	OBUS	8.7700e-004	1.9850e-004
tblVehicleEF	OBUS	1.1000e-005	8.2947e-005
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003

UCI - ICMC - Orange County, Summer

tblVehicleEF	OBUS	2.2060e-003	5.8002e-003
tblVehicleEF	OBUS	8.0600e-004	1.8251e-004
tblVehicleEF	OBUS	1.8810e-003	2.4024e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.0260e-003	1.2829e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	7.7400e-004	7.3248e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7700e-004	1.9409e-004
tblVehicleEF	OBUS	1.8810e-003	2.4024e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	1.0260e-003	1.2829e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.33	0.12
tblVehicleEF	OBUS	0.01	8.5929e-003
tblVehicleEF	OBUS	5.8450e-003	4.8362e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.56
tblVehicleEF	OBUS	0.43	0.60
tblVehicleEF	OBUS	5.09	2.34
tblVehicleEF	OBUS	71.43	78.88
tblVehicleEF	OBUS	1,208.63	1,354.38

UCI - ICMC - Orange County, Summer

tblVehicleEF	OBUS	69.33	19.85
tblVehicleEF	OBUS	0.15	0.31
tblVehicleEF	OBUS	0.54	0.96
tblVehicleEF	OBUS	2.00	0.75
tblVehicleEF	OBUS	1.7000e-005	1.1258e-004
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.3250e-003	6.0792e-003
tblVehicleEF	OBUS	8.7700e-004	1.9850e-004
tblVehicleEF	OBUS	1.6000e-005	1.0771e-004
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.2060e-003	5.8002e-003
tblVehicleEF	OBUS	8.0600e-004	1.8251e-004
tblVehicleEF	OBUS	1.3790e-003	1.7846e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.4200e-004	9.4326e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.04	0.24
tblVehicleEF	OBUS	0.32	0.11
tblVehicleEF	OBUS	6.9400e-004	7.5167e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8300e-004	1.9642e-004
tblVehicleEF	OBUS	1.3790e-003	1.7846e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.06

UCI - ICMC - Orange County, Summer

tblVehicleEF	OBUS	7.4200e-004	9.4326e-004
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.04	0.24
tblVehicleEF	OBUS	0.35	0.13
tblVehicleEF	SBUS	0.84	0.08
tblVehicleEF	SBUS	0.02	9.9036e-003
tblVehicleEF	SBUS	0.08	7.9001e-003
tblVehicleEF	SBUS	8.38	3.16
tblVehicleEF	SBUS	1.03	0.90
tblVehicleEF	SBUS	8.97	1.09
tblVehicleEF	SBUS	1,100.64	359.03
tblVehicleEF	SBUS	1,073.61	1,094.78
tblVehicleEF	SBUS	56.82	6.39
tblVehicleEF	SBUS	8.42	3.59
tblVehicleEF	SBUS	3.91	5.50
tblVehicleEF	SBUS	11.93	0.68
tblVehicleEF	SBUS	8.0260e-003	5.0547e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.8700e-004	7.2110e-005
tblVehicleEF	SBUS	7.6790e-003	4.8360e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6630e-003	2.6315e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.0700e-004	6.6302e-005
tblVehicleEF	SBUS	3.3970e-003	1.1280e-003

UCI - ICMC - Orange County, Summer

tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.00	0.38
tblVehicleEF	SBUS	1.9330e-003	6.2414e-004
tblVehicleEF	SBUS	0.11	0.12
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.47	0.05
tblVehicleEF	SBUS	0.01	3.4304e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	7.2400e-004	6.3230e-005
tblVehicleEF	SBUS	3.3970e-003	1.1280e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.44	0.54
tblVehicleEF	SBUS	1.9330e-003	6.2414e-004
tblVehicleEF	SBUS	0.14	0.14
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.52	0.05
tblVehicleEF	SBUS	0.84	0.08
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.07	7.0991e-003
tblVehicleEF	SBUS	8.27	3.12
tblVehicleEF	SBUS	1.04	0.91
tblVehicleEF	SBUS	7.41	0.90
tblVehicleEF	SBUS	1,149.38	368.93
tblVehicleEF	SBUS	1,073.61	1,094.80
tblVehicleEF	SBUS	56.82	6.07
tblVehicleEF	SBUS	8.69	3.69
tblVehicleEF	SBUS	3.69	5.19

UCI - ICMC - Orange County, Summer

tblVehicleEF	SBUS	11.90	0.68
tblVehicleEF	SBUS	6.7660e-003	4.2669e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.8700e-004	7.2110e-005
tblVehicleEF	SBUS	6.4740e-003	4.0823e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6630e-003	2.6315e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.0700e-004	6.6302e-005
tblVehicleEF	SBUS	4.6630e-003	1.5458e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.00	0.38
tblVehicleEF	SBUS	2.6350e-003	8.4887e-004
tblVehicleEF	SBUS	0.11	0.12
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.42	0.04
tblVehicleEF	SBUS	0.01	3.5240e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.9700e-004	6.0101e-005
tblVehicleEF	SBUS	4.6630e-003	1.5458e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.44	0.54
tblVehicleEF	SBUS	2.6350e-003	8.4887e-004
tblVehicleEF	SBUS	0.14	0.14
tblVehicleEF	SBUS	0.01	0.06

UCI - ICMC - Orange County, Summer

tblVehicleEF	SBUS	0.46	0.05
tblVehicleEF	SBUS	0.84	0.08
tblVehicleEF	SBUS	0.02	9.8706e-003
tblVehicleEF	SBUS	0.08	8.0150e-003
tblVehicleEF	SBUS	8.52	3.21
tblVehicleEF	SBUS	1.02	0.89
tblVehicleEF	SBUS	9.12	1.11
tblVehicleEF	SBUS	1,033.33	345.35
tblVehicleEF	SBUS	1,073.61	1,094.77
tblVehicleEF	SBUS	56.82	6.42
tblVehicleEF	SBUS	8.05	3.46
tblVehicleEF	SBUS	3.84	5.41
tblVehicleEF	SBUS	11.94	0.68
tblVehicleEF	SBUS	9.7670e-003	6.1427e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.8700e-004	7.2110e-005
tblVehicleEF	SBUS	9.3440e-003	5.8770e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6630e-003	2.6315e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.0700e-004	6.6302e-005
tblVehicleEF	SBUS	3.3440e-003	1.1181e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.00	0.38
tblVehicleEF	SBUS	1.8840e-003	6.0675e-004

UCI - ICMC - Orange County, Summer

tblVehicleEF	SBUS	0.11	0.12
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.48	0.05
tblVehicleEF	SBUS	0.01	3.3012e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	7.2600e-004	6.3529e-005
tblVehicleEF	SBUS	3.3440e-003	1.1181e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.45	0.54
tblVehicleEF	SBUS	1.8840e-003	6.0675e-004
tblVehicleEF	SBUS	0.14	0.14
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.52	0.05
tblVehicleEF	UBUS	1.69	5.27
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	8.06	41.13
tblVehicleEF	UBUS	12.43	1.81
tblVehicleEF	UBUS	1,803.73	2,036.06
tblVehicleEF	UBUS	136.85	20.35
tblVehicleEF	UBUS	3.94	0.44
tblVehicleEF	UBUS	13.12	0.17
tblVehicleEF	UBUS	0.52	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.03	3.0694e-003
tblVehicleEF	UBUS	1.2820e-003	1.7020e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003

UCI - ICMC - Orange County, Summer

tblVehicleEF	UBUS	0.03	2.9232e-003
tblVehicleEF	UBUS	1.1780e-003	1.5649e-004
tblVehicleEF	UBUS	5.8750e-003	8.5879e-004
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	3.5880e-003	6.5275e-004
tblVehicleEF	UBUS	0.44	0.08
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	0.94	0.10
tblVehicleEF	UBUS	8.5770e-003	3.8203e-003
tblVehicleEF	UBUS	1.5920e-003	2.0134e-004
tblVehicleEF	UBUS	5.8750e-003	8.5879e-004
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	3.5880e-003	6.5275e-004
tblVehicleEF	UBUS	2.18	5.39
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.03	0.11
tblVehicleEF	UBUS	1.69	5.27
tblVehicleEF	UBUS	0.06	0.02
tblVehicleEF	UBUS	8.11	41.13
tblVehicleEF	UBUS	10.96	1.61
tblVehicleEF	UBUS	1,803.73	2,036.06
tblVehicleEF	UBUS	136.85	20.00
tblVehicleEF	UBUS	3.69	0.44
tblVehicleEF	UBUS	13.05	0.16
tblVehicleEF	UBUS	0.52	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.03	3.0694e-003

UCI - ICMC - Orange County, Summer

tblVehicleEF	UBUS	1.2820e-003	1.7020e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003
tblVehicleEF	UBUS	0.03	2.9232e-003
tblVehicleEF	UBUS	1.1780e-003	1.5649e-004
tblVehicleEF	UBUS	7.8850e-003	1.1874e-003
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	4.7730e-003	9.0804e-004
tblVehicleEF	UBUS	0.44	0.08
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	0.87	0.09
tblVehicleEF	UBUS	8.5780e-003	3.8204e-003
tblVehicleEF	UBUS	1.5670e-003	1.9788e-004
tblVehicleEF	UBUS	7.8850e-003	1.1874e-003
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	4.7730e-003	9.0804e-004
tblVehicleEF	UBUS	2.18	5.39
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	0.95	0.10
tblVehicleEF	UBUS	1.69	5.27
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	8.05	41.13
tblVehicleEF	UBUS	12.68	1.85
tblVehicleEF	UBUS	1,803.73	2,036.05
tblVehicleEF	UBUS	136.85	20.41
tblVehicleEF	UBUS	3.86	0.44
tblVehicleEF	UBUS	13.14	0.17

UCI - ICMC - Orange County, Summer

tblVehicleEF	UBUS	0.52	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.03	3.0694e-003
tblVehicleEF	UBUS	1.2820e-003	1.7020e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003
tblVehicleEF	UBUS	0.03	2.9232e-003
tblVehicleEF	UBUS	1.1780e-003	1.5649e-004
tblVehicleEF	UBUS	6.5460e-003	8.7770e-004
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.7380e-003	6.3665e-004
tblVehicleEF	UBUS	0.43	0.08
tblVehicleEF	UBUS	0.04	0.08
tblVehicleEF	UBUS	0.95	0.10
tblVehicleEF	UBUS	8.5770e-003	3.8203e-003
tblVehicleEF	UBUS	1.5960e-003	2.0197e-004
tblVehicleEF	UBUS	6.5460e-003	8.7770e-004
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.7380e-003	6.3665e-004
tblVehicleEF	UBUS	2.17	5.39
tblVehicleEF	UBUS	0.04	0.08
tblVehicleEF	UBUS	1.04	0.11
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PB_TP	10.00	0.00
tblVehicleTrips	PR_TP	73.00	100.00

UCI - ICMC - Orange County, Summer

tblVehicleTrips	PR_TP	60.00	100.00
tblVehicleTrips	ST_TR	8.14	10.87
tblVehicleTrips	ST_TR	8.96	6.68
tblVehicleTrips	SU_TR	7.19	9.60
tblVehicleTrips	SU_TR	1.55	1.16
tblVehicleTrips	WD_TR	12.94	17.28
tblVehicleTrips	WD_TR	36.13	26.94

2.0 Emissions Summary

UCI - ICMC - Orange County, Summer

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	8.5476	77.7503	74.3833	0.2657	18.2675	2.0737	20.3132	9.9840	1.9497	11.8661	0.0000	27,231.1323	27,231.1323	2.3707	0.0000	27,290.4007
2022	7.8919	71.7176	71.5666	0.2607	13.8834	1.7621	15.6455	3.7445	1.6576	5.4021	0.0000	26,730.9107	26,730.9107	2.3134	0.0000	26,788.7457
2023	41.6827	69.8470	83.6980	0.2776	14.9899	2.0150	16.5714	4.0380	1.8845	5.6734	0.0000	28,348.2694	28,348.2694	2.9407	0.0000	28,421.7873
Maximum	41.6827	77.7503	83.6980	0.2776	18.2675	2.0737	20.3132	9.9840	1.9497	11.8661	0.0000	28,348.2694	28,348.2694	2.9407	0.0000	28,421.7873

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	8.5476	77.7503	74.3833	0.2657	12.8359	2.0737	14.9097	3.9225	1.9497	5.8046	0.0000	27,231.1323	27,231.1323	2.3707	0.0000	27,290.4007
2022	7.8919	71.7176	71.5666	0.2607	12.8359	1.7621	14.5980	3.4874	1.6576	5.1450	0.0000	26,730.9107	26,730.9107	2.3134	0.0000	26,788.7457
2023	41.6827	69.8470	83.6980	0.2776	13.8558	2.0150	15.4373	3.7596	1.8845	5.4131	0.0000	28,348.2694	28,348.2694	2.9407	0.0000	28,421.7872
Maximum	41.6827	77.7503	83.6980	0.2776	13.8558	2.0737	15.4373	3.9225	1.9497	5.8046	0.0000	28,348.2694	28,348.2694	2.9407	0.0000	28,421.7872

UCI - ICMC - Orange County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	16.15	0.00	14.44	37.13	0.00	28.68	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	12.6690	1.5800e-003	0.1740	1.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004		0.3730	0.3730	9.8000e-004		0.3975
Energy	0.7008	6.3706	5.3513	0.0382		0.4842	0.4842		0.4842	0.4842		7,644.7059	7,644.7059	0.1465	0.1402	7,690.1346
Mobile	18.7763	33.5713	224.8680	0.7328	75.0255	0.4845	75.5100	20.0397	0.4512	20.4910		75,499.6916	75,499.6916	4.0984		75,602.1528
Stationary	9.2927	4.9122	31.9275	0.1009		0.9168	0.9168		0.9168	0.9168		16,242.8752	16,242.8752	0.8533		16,264.2079
Total	41.4387	44.8557	262.3208	0.8720	75.0255	1.8861	76.9116	20.0397	1.8528	21.8925		99,387.6457	99,387.6457	5.0993	0.1402	99,556.8926

UCI - ICMC - Orange County, Summer

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	12.6690	1.5800e-003	0.1740	1.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004		0.3730	0.3730	9.8000e-004		0.3975
Energy	0.4002	3.6385	3.0563	0.0218		0.2765	0.2765		0.2765	0.2765		4,366.1966	4,366.1966	0.0837	0.0801	4,392.1427
Mobile	17.8229	28.5398	189.5487	0.5973	60.8843	0.3994	61.2837	16.2626	0.3719	16.6344		61,533.5260	61,533.5260	3.4889		61,620.7491
Stationary	9.2927	4.9122	31.9275	0.1009		0.9168	0.9168		0.9168	0.9168		16,242.8752	16,242.8752	0.8533		16,264.2079
Total	40.1848	37.0921	224.7065	0.7200	60.8843	1.5933	62.4777	16.2626	1.5658	17.8284		82,142.9708	82,142.9708	4.4269	0.0801	82,277.4971

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	3.03	17.31	14.34	17.43	18.85	15.52	18.77	18.85	15.49	18.56	0.00	17.35	17.35	13.19	42.88	17.36

3.0 Construction Detail

Construction Phase

UCI - ICMC - Orange County, Summer

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition phase A	Demolition	4/5/2021	4/30/2021	5	20	
2	Site Preparation phase A	Site Preparation	5/1/2021	5/14/2021	5	10	
3	Grading phase A	Grading	5/15/2021	6/25/2021	5	30	
4	Building Construction Phase B	Building Construction	6/28/2021	6/30/2023	5	525	
5	Building Construction Phase C	Building Construction	6/28/2021	10/31/2023	5	612	
6	Paving Phase B	Paving	1/1/2023	1/31/2023	5	22	
7	Architectural Coating Phase B	Architectural Coating	2/1/2023	5/31/2023	5	86	
8	Paving Phase C	Paving	6/1/2023	6/30/2023	5	22	
9	Architectural Coating Phase C	Architectural Coating	7/1/2023	10/31/2023	5	87	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 7.3

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 877,500; Non-Residential Outdoor: 292,500; Striped Parking Area: 45,592 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition phase A	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition phase A	Excavators	3	8.00	158	0.38
Demolition phase A	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation phase A	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation phase A	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading phase A	Excavators	1	8.00	158	0.38
Grading phase A	Graders	1	8.00	187	0.41

UCI - ICMC - Orange County, Summer

Grading phase A	Rubber Tired Dozers	1	8.00	247	0.40
Grading phase A	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction Phase B	Cranes	1	7.00	231	0.29
Building Construction Phase B	Forklifts	3	8.00	89	0.20
Building Construction Phase B	Generator Sets	1	8.00	84	0.74
Building Construction Phase B	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction Phase B	Welders	1	8.00	46	0.45
Building Construction Phase C	Cranes	1	7.00	231	0.29
Building Construction Phase C	Forklifts	3	8.00	89	0.20
Building Construction Phase C	Generator Sets	1	8.00	84	0.74
Building Construction Phase C	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction Phase C	Welders	1	8.00	46	0.45
Paving Phase B	Pavers	2	8.00	130	0.42
Paving Phase B	Paving Equipment	2	8.00	132	0.36
Paving Phase B	Rollers	2	8.00	80	0.38
Architectural Coating Phase B	Air Compressors	1	6.00	78	0.48
Paving Phase C	Pavers	2	8.00	130	0.42
Paving Phase C	Paving Equipment	2	8.00	132	0.36
Paving Phase C	Rollers	2	8.00	80	0.38
Architectural Coating Phase C	Air Compressors	1	6.00	78	0.48

Trips and VMT

UCI - ICMC - Orange County, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition phase A	6	15.00	0.00	32.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation phase A	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading phase A	6	15.00	0.00	2,268.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Phase B	9	497.00	217.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Phase C	9	497.00	217.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving Phase B	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating Phase B	1	99.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving Phase C	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating Phase C	1	99.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

UCI - ICMC - Orange County, Summer

3.2 Demolition phase A - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3445	0.0000	0.3445	0.0522	0.0000	0.0522			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388	0.3445	1.5513	1.8959	0.0522	1.4411	1.4933		3,747.9449	3,747.9449	1.0549		3,774.3174

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0115	0.4067	0.1117	1.2100e-003	0.0279	1.2800e-003	0.0291	7.6300e-003	1.2200e-003	8.8500e-003		134.8189	134.8189	0.0140		135.1683
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0541	0.0328	0.4556	1.5800e-003	0.1677	1.0900e-003	0.1688	0.0445	1.0000e-003	0.0455		157.8291	157.8291	3.3800e-003		157.9136
Total	0.0657	0.4395	0.5673	2.7900e-003	0.1955	2.3700e-003	0.1979	0.0521	2.2200e-003	0.0543		292.6480	292.6480	0.0174		293.0819

UCI - ICMC - Orange County, Summer

3.2 Demolition phase A - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1344	0.0000	0.1344	0.0203	0.0000	0.0203			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388	0.1344	1.5513	1.6857	0.0203	1.4411	1.4614	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0115	0.4067	0.1117	1.2100e-003	0.0260	1.2800e-003	0.0272	7.1600e-003	1.2200e-003	8.3800e-003		134.8189	134.8189	0.0140		135.1683
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0541	0.0328	0.4556	1.5800e-003	0.1546	1.0900e-003	0.1556	0.0413	1.0000e-003	0.0422		157.8291	157.8291	3.3800e-003		157.9136
Total	0.0657	0.4395	0.5673	2.7900e-003	0.1805	2.3700e-003	0.1829	0.0484	2.2200e-003	0.0506		292.6480	292.6480	0.0174		293.0819

UCI - ICMC - Orange County, Summer

3.3 Site Preparation phase A - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116		3,685.6569	3,685.6569	1.1920		3,715.4573

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0650	0.0393	0.5467	1.9000e-003	0.2012	1.3000e-003	0.2025	0.0534	1.2000e-003	0.0546		189.3950	189.3950	4.0600e-003		189.4963
Total	0.0650	0.0393	0.5467	1.9000e-003	0.2012	1.3000e-003	0.2025	0.0534	1.2000e-003	0.0546		189.3950	189.3950	4.0600e-003		189.4963

UCI - ICMC - Orange County, Summer

3.3 Site Preparation phase A - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	7.0458	2.0445	9.0903	3.8730	1.8809	5.7539	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0650	0.0393	0.5467	1.9000e-003	0.1855	1.3000e-003	0.1868	0.0495	1.2000e-003	0.0507		189.3950	189.3950	4.0600e-003		189.4963
Total	0.0650	0.0393	0.5467	1.9000e-003	0.1855	1.3000e-003	0.1868	0.0495	1.2000e-003	0.0507		189.3950	189.3950	4.0600e-003		189.4963

UCI - ICMC - Orange County, Summer

3.4 Grading phase A - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6207	0.0000	6.6207	3.3778	0.0000	3.3778			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
Total	2.2903	24.7367	15.8575	0.0296	6.6207	1.1599	7.7806	3.3778	1.0671	4.4450		2,871.9285	2,871.9285	0.9288		2,895.1495

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5445	19.2186	5.2797	0.0570	1.3162	0.0604	1.3766	0.3603	0.0578	0.4181		6,370.1908	6,370.1908	0.6605		6,386.7021
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0541	0.0328	0.4556	1.5800e-003	0.1677	1.0900e-003	0.1688	0.0445	1.0000e-003	0.0455		157.8291	157.8291	3.3800e-003		157.9136
Total	0.5986	19.2514	5.7353	0.0586	1.4839	0.0615	1.5454	0.4048	0.0588	0.4635		6,528.0199	6,528.0199	0.6638		6,544.6157

UCI - ICMC - Orange County, Summer

3.4 Grading phase A - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.5821	0.0000	2.5821	1.3174	0.0000	1.3174			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
Total	2.2903	24.7367	15.8575	0.0296	2.5821	1.1599	3.7420	1.3174	1.0671	2.3845	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5445	19.2186	5.2797	0.0570	1.2263	0.0604	1.2867	0.3382	0.0578	0.3960		6,370.1908	6,370.1908	0.6605		6,386.7021
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0541	0.0328	0.4556	1.5800e-003	0.1546	1.0900e-003	0.1556	0.0413	1.0000e-003	0.0422		157.8291	157.8291	3.3800e-003		157.9136
Total	0.5986	19.2514	5.7353	0.0586	1.3808	0.0615	1.4423	0.3795	0.0588	0.4382		6,528.0199	6,528.0199	0.6638		6,544.6157

UCI - ICMC - Orange County, Summer

3.5 Building Construction Phase B - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5790	20.3577	5.5211	0.0535	1.3864	0.0423	1.4287	0.3990	0.0404	0.4394		5,832.7973	5,832.7973	0.4574		5,844.2316
Worker	1.7939	1.0854	15.0953	0.0524	5.5553	0.0360	5.5913	1.4733	0.0331	1.5064		5,229.4049	5,229.4049	0.1120		5,232.2045
Total	2.3729	21.4431	20.6164	0.1060	6.9417	0.0782	7.0200	1.8723	0.0736	1.9458		11,062.2022	11,062.2022	0.5694		11,076.4361

UCI - ICMC - Orange County, Summer

3.5 Building Construction Phase B - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5790	20.3577	5.5211	0.0535	1.2974	0.0423	1.3396	0.3771	0.0404	0.4176		5,832.7973	5,832.7973	0.4574		5,844.2316
Worker	1.7939	1.0854	15.0953	0.0524	5.1206	0.0360	5.1566	1.3666	0.0331	1.3997		5,229.4049	5,229.4049	0.1120		5,232.2045
Total	2.3729	21.4431	20.6164	0.1060	6.4180	0.0782	6.4962	1.7437	0.0736	1.8173		11,062.2022	11,062.2022	0.5694		11,076.4361

UCI - ICMC - Orange County, Summer

3.5 Building Construction Phase B - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5444	19.2598	5.3311	0.0529	1.3864	0.0368	1.4232	0.3990	0.0352	0.4341		5,775.5117	5,775.5117	0.4431		5,786.5879
Worker	1.6953	0.9834	14.0888	0.0505	5.5553	0.0353	5.5906	1.4733	0.0325	1.5058		5,035.6101	5,035.6101	0.1017		5,038.1528
Total	2.2397	20.2432	19.4199	0.1034	6.9417	0.0721	7.0137	1.8723	0.0676	1.9399		10,811.1218	10,811.1218	0.5448		10,824.7406

UCI - ICMC - Orange County, Summer

3.5 Building Construction Phase B - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5444	19.2598	5.3311	0.0529	1.2973	0.0368	1.3341	0.3771	0.0352	0.4123		5,775.5117	5,775.5117	0.4431		5,786.5879
Worker	1.6953	0.9834	14.0888	0.0505	5.1206	0.0353	5.1559	1.3666	0.0325	1.3991		5,035.6101	5,035.6101	0.1017		5,038.1528
Total	2.2397	20.2432	19.4199	0.1034	6.4179	0.0721	6.4900	1.7437	0.0676	1.8113		10,811.1218	10,811.1218	0.5448		10,824.7406

UCI - ICMC - Orange County, Summer

3.5 Building Construction Phase B - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4143	14.5365	4.9757	0.0512	1.3864	0.0175	1.4039	0.3990	0.0167	0.4157		5,600.0441	5,600.0441	0.4119		5,610.3411
Worker	1.6055	0.8928	13.1390	0.0485	5.5553	0.0347	5.5900	1.4733	0.0319	1.5052		4,842.0199	4,842.0199	0.0923		4,844.3262
Total	2.0198	15.4293	18.1146	0.0997	6.9417	0.0522	6.9938	1.8722	0.0486	1.9209		10,442.0640	10,442.0640	0.5041		10,454.6673

UCI - ICMC - Orange County, Summer

3.5 Building Construction Phase B - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4143	14.5365	4.9757	0.0512	1.2973	0.0175	1.3148	0.3771	0.0167	0.3938		5,600.0441	5,600.0441	0.4119		5,610.3411
Worker	1.6055	0.8928	13.1390	0.0485	5.1206	0.0347	5.1553	1.3666	0.0319	1.3985		4,842.0199	4,842.0199	0.0923		4,844.3262
Total	2.0198	15.4293	18.1146	0.0997	6.4179	0.0522	6.4701	1.7437	0.0486	1.7923		10,442.0640	10,442.0640	0.5041		10,454.6673

UCI - ICMC - Orange County, Summer

3.6 Building Construction Phase C - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5790	20.3577	5.5211	0.0535	1.3864	0.0423	1.4287	0.3990	0.0404	0.4394		5,832.7973	5,832.7973	0.4574		5,844.2316
Worker	1.7939	1.0854	15.0953	0.0524	5.5553	0.0360	5.5913	1.4733	0.0331	1.5064		5,229.4049	5,229.4049	0.1120		5,232.2045
Total	2.3729	21.4431	20.6164	0.1060	6.9417	0.0782	7.0200	1.8723	0.0736	1.9458		11,062.2022	11,062.2022	0.5694		11,076.4361

UCI - ICMC - Orange County, Summer

3.6 Building Construction Phase C - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5790	20.3577	5.5211	0.0535	1.2974	0.0423	1.3396	0.3771	0.0404	0.4176		5,832.7973	5,832.7973	0.4574		5,844.2316
Worker	1.7939	1.0854	15.0953	0.0524	5.1206	0.0360	5.1566	1.3666	0.0331	1.3997		5,229.4049	5,229.4049	0.1120		5,232.2045
Total	2.3729	21.4431	20.6164	0.1060	6.4180	0.0782	6.4962	1.7437	0.0736	1.8173		11,062.2022	11,062.2022	0.5694		11,076.4361

UCI - ICMC - Orange County, Summer

3.6 Building Construction Phase C - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5444	19.2598	5.3311	0.0529	1.3864	0.0368	1.4232	0.3990	0.0352	0.4341		5,775.5117	5,775.5117	0.4431		5,786.5879
Worker	1.6953	0.9834	14.0888	0.0505	5.5553	0.0353	5.5906	1.4733	0.0325	1.5058		5,035.6101	5,035.6101	0.1017		5,038.1528
Total	2.2397	20.2432	19.4199	0.1034	6.9417	0.0721	7.0137	1.8723	0.0676	1.9399		10,811.1218	10,811.1218	0.5448		10,824.7406

UCI - ICMC - Orange County, Summer

3.6 Building Construction Phase C - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5444	19.2598	5.3311	0.0529	1.2973	0.0368	1.3341	0.3771	0.0352	0.4123		5,775.5117	5,775.5117	0.4431		5,786.5879
Worker	1.6953	0.9834	14.0888	0.0505	5.1206	0.0353	5.1559	1.3666	0.0325	1.3991		5,035.6101	5,035.6101	0.1017		5,038.1528
Total	2.2397	20.2432	19.4199	0.1034	6.4179	0.0721	6.4900	1.7437	0.0676	1.8113		10,811.1218	10,811.1218	0.5448		10,824.7406

UCI - ICMC - Orange County, Summer

3.6 Building Construction Phase C - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4143	14.5365	4.9757	0.0512	1.3864	0.0175	1.4039	0.3990	0.0167	0.4157		5,600.0441	5,600.0441	0.4119		5,610.3411
Worker	1.6055	0.8928	13.1390	0.0485	5.5553	0.0347	5.5900	1.4733	0.0319	1.5052		4,842.0199	4,842.0199	0.0923		4,844.3262
Total	2.0198	15.4293	18.1146	0.0997	6.9417	0.0522	6.9938	1.8722	0.0486	1.9209		10,442.0640	10,442.0640	0.5041		10,454.6673

UCI - ICMC - Orange County, Summer

3.6 Building Construction Phase C - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4143	14.5365	4.9757	0.0512	1.2973	0.0175	1.3148	0.3771	0.0167	0.3938		5,600.0441	5,600.0441	0.4119		5,610.3411
Worker	1.6055	0.8928	13.1390	0.0485	5.1206	0.0347	5.1553	1.3666	0.0319	1.3985		4,842.0199	4,842.0199	0.0923		4,844.3262
Total	2.0198	15.4293	18.1146	0.0997	6.4179	0.0522	6.4701	1.7437	0.0486	1.7923		10,442.0640	10,442.0640	0.5041		10,454.6673

UCI - ICMC - Orange County, Summer

3.7 Paving Phase B - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.5597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.5925	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0485	0.0270	0.3966	1.4600e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		146.1374	146.1374	2.7800e-003		146.2070
Total	0.0485	0.0270	0.3966	1.4600e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		146.1374	146.1374	2.7800e-003		146.2070

UCI - ICMC - Orange County, Summer

3.7 Paving Phase B - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.5597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.5925	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0485	0.0270	0.3966	1.4600e-003	0.1546	1.0500e-003	0.1556	0.0413	9.6000e-004	0.0422		146.1374	146.1374	2.7800e-003		146.2070
Total	0.0485	0.0270	0.3966	1.4600e-003	0.1546	1.0500e-003	0.1556	0.0413	9.6000e-004	0.0422		146.1374	146.1374	2.7800e-003		146.2070

UCI - ICMC - Orange County, Summer

3.8 Architectural Coating Phase B - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	33.9860						0.0000	0.0000		0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003			0.0708	0.0708		0.0708		281.4481	281.4481	0.0168		281.8690
Total	34.1776	1.3030	1.8111	2.9700e-003			0.0708	0.0708		0.0708		281.4481	281.4481	0.0168		281.8690

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3198	0.1778	2.6172	9.6700e-003	1.1066	6.9000e-003	1.1135	0.2935	6.3500e-003	0.2998		964.5070	964.5070	0.0184		964.9664
Total	0.3198	0.1778	2.6172	9.6700e-003	1.1066	6.9000e-003	1.1135	0.2935	6.3500e-003	0.2998		964.5070	964.5070	0.0184		964.9664

UCI - ICMC - Orange County, Summer

3.8 Architectural Coating Phase B - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	33.9860					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	34.1776	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3198	0.1778	2.6172	9.6700e-003	1.0200	6.9000e-003	1.0269	0.2722	6.3500e-003	0.2786		964.5070	964.5070	0.0184		964.9664
Total	0.3198	0.1778	2.6172	9.6700e-003	1.0200	6.9000e-003	1.0269	0.2722	6.3500e-003	0.2786		964.5070	964.5070	0.0184		964.9664

UCI - ICMC - Orange County, Summer

3.9 Paving Phase C - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.5597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.5925	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0485	0.0270	0.3966	1.4600e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		146.1374	146.1374	2.7800e-003		146.2070
Total	0.0485	0.0270	0.3966	1.4600e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		146.1374	146.1374	2.7800e-003		146.2070

UCI - ICMC - Orange County, Summer

3.9 Paving Phase C - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.5597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.5925	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0485	0.0270	0.3966	1.4600e-003	0.1546	1.0500e-003	0.1556	0.0413	9.6000e-004	0.0422		146.1374	146.1374	2.7800e-003		146.2070
Total	0.0485	0.0270	0.3966	1.4600e-003	0.1546	1.0500e-003	0.1556	0.0413	9.6000e-004	0.0422		146.1374	146.1374	2.7800e-003		146.2070

UCI - ICMC - Orange County, Summer

3.10 Architectural Coating Phase C - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	33.5953					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	33.7870	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3198	0.1778	2.6172	9.6700e-003	1.1066	6.9000e-003	1.1135	0.2935	6.3500e-003	0.2998		964.5070	964.5070	0.0184		964.9664
Total	0.3198	0.1778	2.6172	9.6700e-003	1.1066	6.9000e-003	1.1135	0.2935	6.3500e-003	0.2998		964.5070	964.5070	0.0184		964.9664

UCI - ICMC - Orange County, Summer

3.10 Architectural Coating Phase C - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	33.5953					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	33.7870	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3198	0.1778	2.6172	9.6700e-003	1.0200	6.9000e-003	1.0269	0.2722	6.3500e-003	0.2786		964.5070	964.5070	0.0184		964.9664
Total	0.3198	0.1778	2.6172	9.6700e-003	1.0200	6.9000e-003	1.0269	0.2722	6.3500e-003	0.2786		964.5070	964.5070	0.0184		964.9664

4.0 Operational Detail - Mobile

UCI - ICMC - Orange County, Summer

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

Implement Trip Reduction Program

Employee Vanpool/Shuttle

Provide Riade Sharing Program

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	17.8229	28.5398	189.5487	0.5973	60.8843	0.3994	61.2837	16.2626	0.3719	16.6344		61,533.52 60	61,533.52 60	3.4889		61,620.74 91
Unmitigated	18.7763	33.5713	224.8680	0.7328	75.0255	0.4845	75.5100	20.0397	0.4512	20.4910		75,499.69 16	75,499.69 16	4.0984		75,602.15 28

4.2 Trip Summary Information

UCI - ICMC - Orange County, Summer

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hospital	2,488.32	1,565.28	1382.40	10,752,699	8,707,071
Medical Office Building	6,061.50	1,503.00	261.00	17,581,417	14,283,771
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unenclosed Parking with Elevator	0.00	0.00	0.00		
Unenclosed Parking with Elevator	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	8,549.82	3,068.28	1,643.40	28,334,116	22,990,842

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Hospital	16.60	8.40	6.90	64.90	16.10	19.00	100	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	100	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unenclosed Parking with	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unenclosed Parking with	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Hospital	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Medical Office Building	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Other Non-Asphalt Surfaces	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Parking Lot	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Unenclosed Parking with Elevator	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Other Asphalt Surfaces	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904

UCI - ICMC - Orange County, Summer

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.4002	3.6385	3.0563	0.0218		0.2765	0.2765		0.2765	0.2765		4,366.1966	4,366.1966	0.0837	0.0801	4,392.1427
NaturalGas Unmitigated	0.7008	6.3706	5.3513	0.0382		0.4842	0.4842		0.4842	0.4842		7,644.7059	7,644.7059	0.1465	0.1402	7,690.1346

UCI - ICMC - Orange County, Summer

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Hospital	59345.8	0.6400	5.8182	4.8873	0.0349		0.4422	0.4422		0.4422	0.4422		6,981.8533	6,981.8533	0.1338	0.1280	7,023.3430
Medical Office Building	5634.25	0.0608	0.5524	0.4640	3.3100e-003		0.0420	0.0420		0.0420	0.0420		662.8525	662.8525	0.0127	0.0122	666.7915
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.7008	6.3706	5.3513	0.0382		0.4842	0.4842		0.4842	0.4842		7,644.7059	7,644.7059	0.1465	0.1402	7,690.1346

UCI - ICMC - Orange County, Summer

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Hospital	34.126	0.3680	3.3457	2.8104	0.0201		0.2543	0.2543		0.2543	0.2543		4,014.8268	4,014.8268	0.0770	0.0736	4,038.6849
Medical Office Building	2.98664	0.0322	0.2928	0.2460	1.7600e-003		0.0223	0.0223		0.0223	0.0223		351.3699	351.3699	6.7300e-003	6.4400e-003	353.4579
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.4002	3.6385	3.0563	0.0218		0.2765	0.2765		0.2765	0.2765		4,366.1966	4,366.1966	0.0837	0.0801	4,392.1427

6.0 Area Detail

6.1 Mitigation Measures Area

UCI - ICMC - Orange County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	12.6690	1.5800e-003	0.1740	1.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004		0.3730	0.3730	9.8000e-004		0.3975
Unmitigated	12.6690	1.5800e-003	0.1740	1.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004		0.3730	0.3730	9.8000e-004		0.3975

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.8008					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	11.8522					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0161	1.5800e-003	0.1740	1.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004		0.3730	0.3730	9.8000e-004		0.3975
Total	12.6690	1.5800e-003	0.1740	1.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004		0.3730	0.3730	9.8000e-004		0.3975

UCI - ICMC - Orange County, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.8008					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	11.8522					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0161	1.5800e-003	0.1740	1.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004		0.3730	0.3730	9.8000e-004		0.3975
Total	12.6690	1.5800e-003	0.1740	1.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004		0.3730	0.3730	9.8000e-004		0.3975

7.0 Water Detail

7.1 Mitigation Measures Water

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

- Institute Recycling and Composting Services

UCI - ICMC - Orange County, Summer

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
----------------	--------	-----------	-----------	-------------	-------------	-----------

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	2	1	199	2667	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
Boiler	2	50	18250	75	CNG

User Defined Equipment

Equipment Type	Number
----------------	--------

UCI - ICMC - Orange County, Summer

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Boiler - CNG (75 - 9999 MMBTU)	0.5392	0.6200	9.6080	0.0588		0.7451	0.7451		0.7451	0.7451		11,764.9069	11,764.9069	0.2255		11,770.5442
Emergency Generator - Diesel (750 - 9999 HP)	8.7535	4.2922	22.3195	0.0421		0.1717	0.1717		0.1717	0.1717		4,477.9683	4,477.9683	0.6278		4,493.6636
Total	9.2927	4.9122	31.9275	0.1009		0.9168	0.9168		0.9168	0.9168		16,242.8752	16,242.8752	0.8533		16,264.2079

11.0 Vegetation

UCI - ICMC - Orange County, Winter

UCI - ICMC
Orange County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hospital	144.00	Bed	1.60	360,000.00	0
Medical Office Building	225.00	1000sqft	1.00	225,000.00	0
Other Non-Asphalt Surfaces	0.60	Acre	0.60	26,136.00	0
Parking Lot	4.10	Acre	4.10	178,596.00	0
Unenclosed Parking with Elevator	770.00	Space	1.20	308,000.00	0
Unenclosed Parking with Elevator	560.00	Space	0.80	224,000.00	0
Other Asphalt Surfaces	0.60	Acre	0.60	23,136.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8			Operational Year	2023
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	531.44	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

UCI - ICMC - Orange County, Winter

Project Characteristics - Adjusted per the SCE 2019 Corporate Responsibility and Sustainability Report. The report provides intensity factor of CO2e, the CO2 intensity factor is calculated as $534-25 \times 0.029-298 \times 0.00617=531.4364$ to avoid double counting.

Land Use - Hospital 144 beds, 360,000 sf (1.6 ac footprint) 7 levels. Clinic 225 tsf (TIA) (1 ac footprint) 6 levels. PkgStructA 770 stalls (1.2 ac footprint) 6 levels. PkgStructB 560 stalls (0.8 ac footprint) 6 levels, 0.6ac temp staging/laydown

Construction Phase - based on construction schedule in PD

Trips and VMT -

Demolition - based on Google Earth

Grading - export 18,141 cubic yards based on earth movement calculations

Architectural Coating - Low VOC Paint - Rule 1113

Vehicle Trips - Adjusted to include internal capture identified in Traffic Study

Area Coating - Rule 1113, low VOC paint

Energy Use -

Water And Wastewater -

Solid Waste -

Construction Off-road Equipment Mitigation - Rule 403

Mobile Land Use Mitigation - 1150 jobs/11.6 acres = 99 jobs/acre

Mobile Commute Mitigation -

Energy Mitigation - LEED Gold certification. 20-30% reduction over Title 24 2019 standard, 2019 standard exceeds 2016 by 30%

Water Mitigation - low flow fixtures

Waste Mitigation - AB 939 - divert at least 50% of solid waste from landfills

Stationary Sources - Emergency Generators and Fire Pumps - Emergency Power Supply System (EPSS) based on similar project

Stationary Sources - Process Boilers -

Stationary Sources - User Defined -

Stationary Sources - Emergency Generators and Fire Pumps EF - 2017 off-road diesel emission factor update, CARB. Rule 1470 AQMD

Fleet Mix - Other Asphalt - temporary construction staging - no operational emissions

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00

UCI - ICMC - Orange County, Winter

tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	230.00	525.00
tblConstructionPhase	NumDays	230.00	612.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDays	20.00	86.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDays	20.00	87.00
tblGrading	MaterialExported	0.00	18,141.00
tblLandUse	LandUseSquareFeet	103,069.09	360,000.00
tblLandUse	LandUseSquareFeet	26,136.00	23,136.00
tblLandUse	LotAcreage	2.37	1.60
tblLandUse	LotAcreage	5.17	1.00
tblLandUse	LotAcreage	6.93	1.20
tblLandUse	LotAcreage	5.04	0.80
tblProjectCharacteristics	CO2IntensityFactor	702.44	531.44
tblStationaryBoilersUse	AnnualHeatInput	0.00	18,250.00
tblStationaryBoilersUse	BoilerRatingValue	0.00	75.00
tblStationaryBoilersUse	DailyHeatInput	0.00	50.00
tblStationaryBoilersUse	NumberOfEquipment	0.00	2.00

UCI - ICMC - Orange County, Winter

tblStationaryGeneratorsPumpsEF	NOX_EF	4.56	0.50
tblStationaryGeneratorsPumpsEF	PM10_EF	0.15	0.02
tblStationaryGeneratorsPumpsEF	PM2_5_EF	0.15	0.02
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	2,667.00
tblStationaryGeneratorsPumpsUse	HoursPerDay	0.00	1.00
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	199.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	2.00
tblTripsAndVMT	VendorTripNumber	220.00	217.00
tblTripsAndVMT	VendorTripNumber	220.00	217.00
tblTripsAndVMT	WorkerTripNumber	506.00	497.00
tblTripsAndVMT	WorkerTripNumber	506.00	497.00
tblTripsAndVMT	WorkerTripNumber	101.00	99.00
tblTripsAndVMT	WorkerTripNumber	101.00	99.00
tblVehicleEF	HHD	0.47	0.03
tblVehicleEF	HHD	0.16	0.14
tblVehicleEF	HHD	0.07	8.0464e-007
tblVehicleEF	HHD	1.51	6.08
tblVehicleEF	HHD	1.25	0.62
tblVehicleEF	HHD	4.18	0.01
tblVehicleEF	HHD	3,872.44	1,027.75
tblVehicleEF	HHD	1,597.37	1,392.67
tblVehicleEF	HHD	13.53	0.08
tblVehicleEF	HHD	13.41	5.31
tblVehicleEF	HHD	1.83	2.44
tblVehicleEF	HHD	19.09	2.48
tblVehicleEF	HHD	0.01	3.0945e-003
tblVehicleEF	HHD	0.06	0.06

UCI - ICMC - Orange County, Winter

tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	6.0810e-003	0.02
tblVehicleEF	HHD	1.2600e-004	1.1940e-006
tblVehicleEF	HHD	0.01	2.9606e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6700e-003	8.7641e-003
tblVehicleEF	HHD	5.8180e-003	0.02
tblVehicleEF	HHD	1.1600e-004	1.0979e-006
tblVehicleEF	HHD	1.1500e-004	4.2641e-006
tblVehicleEF	HHD	4.7550e-003	1.8047e-004
tblVehicleEF	HHD	0.36	0.41
tblVehicleEF	HHD	8.8000e-005	3.0444e-006
tblVehicleEF	HHD	0.08	0.03
tblVehicleEF	HHD	4.2300e-004	8.2428e-004
tblVehicleEF	HHD	0.09	4.2069e-006
tblVehicleEF	HHD	0.03	9.3925e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.0400e-004	7.8953e-007
tblVehicleEF	HHD	1.1500e-004	4.2641e-006
tblVehicleEF	HHD	4.7550e-003	1.8047e-004
tblVehicleEF	HHD	0.44	0.47
tblVehicleEF	HHD	8.8000e-005	3.0444e-006
tblVehicleEF	HHD	0.26	0.17
tblVehicleEF	HHD	4.2300e-004	8.2428e-004
tblVehicleEF	HHD	0.10	4.6061e-006
tblVehicleEF	HHD	0.44	0.03
tblVehicleEF	HHD	0.16	0.14

UCI - ICMC - Orange County, Winter

tblVehicleEF	HHD	0.06	7.7285e-007
tblVehicleEF	HHD	1.10	5.99
tblVehicleEF	HHD	1.26	0.62
tblVehicleEF	HHD	3.98	0.01
tblVehicleEF	HHD	4,102.50	1,016.72
tblVehicleEF	HHD	1,597.37	1,392.67
tblVehicleEF	HHD	13.53	0.08
tblVehicleEF	HHD	13.84	5.09
tblVehicleEF	HHD	1.73	2.31
tblVehicleEF	HHD	19.08	2.48
tblVehicleEF	HHD	0.01	2.6885e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	6.0810e-003	0.02
tblVehicleEF	HHD	1.2600e-004	1.1940e-006
tblVehicleEF	HHD	9.6890e-003	2.5722e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6700e-003	8.7641e-003
tblVehicleEF	HHD	5.8180e-003	0.02
tblVehicleEF	HHD	1.1600e-004	1.0979e-006
tblVehicleEF	HHD	1.6500e-004	6.2418e-006
tblVehicleEF	HHD	4.8480e-003	1.8313e-004
tblVehicleEF	HHD	0.34	0.43
tblVehicleEF	HHD	1.2200e-004	4.4756e-006
tblVehicleEF	HHD	0.08	0.03
tblVehicleEF	HHD	4.0800e-004	8.0826e-004
tblVehicleEF	HHD	0.09	4.0515e-006

UCI - ICMC - Orange County, Winter

tblVehicleEF	HHD	0.04	9.2884e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.0000e-004	7.8176e-007
tblVehicleEF	HHD	1.6500e-004	6.2418e-006
tblVehicleEF	HHD	4.8480e-003	1.8313e-004
tblVehicleEF	HHD	0.42	0.50
tblVehicleEF	HHD	1.2200e-004	4.4756e-006
tblVehicleEF	HHD	0.26	0.17
tblVehicleEF	HHD	4.0800e-004	8.0826e-004
tblVehicleEF	HHD	0.09	4.4359e-006
tblVehicleEF	HHD	0.51	0.03
tblVehicleEF	HHD	0.16	0.14
tblVehicleEF	HHD	0.07	8.1219e-007
tblVehicleEF	HHD	2.08	6.20
tblVehicleEF	HHD	1.25	0.62
tblVehicleEF	HHD	4.22	0.01
tblVehicleEF	HHD	3,554.73	1,042.97
tblVehicleEF	HHD	1,597.37	1,392.67
tblVehicleEF	HHD	13.53	0.08
tblVehicleEF	HHD	12.81	5.62
tblVehicleEF	HHD	1.80	2.40
tblVehicleEF	HHD	19.10	2.48
tblVehicleEF	HHD	0.01	3.6551e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	6.0810e-003	0.02
tblVehicleEF	HHD	1.2600e-004	1.1940e-006

UCI - ICMC - Orange County, Winter

tblVehicleEF	HHD	0.01	3.4970e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6700e-003	8.7641e-003
tblVehicleEF	HHD	5.8180e-003	0.02
tblVehicleEF	HHD	1.1600e-004	1.0979e-006
tblVehicleEF	HHD	1.1300e-004	4.4195e-006
tblVehicleEF	HHD	5.0850e-003	1.9963e-004
tblVehicleEF	HHD	0.39	0.37
tblVehicleEF	HHD	8.8000e-005	3.1681e-006
tblVehicleEF	HHD	0.08	0.03
tblVehicleEF	HHD	4.6100e-004	8.7999e-004
tblVehicleEF	HHD	0.09	4.2430e-006
tblVehicleEF	HHD	0.03	9.5362e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.0400e-004	7.9102e-007
tblVehicleEF	HHD	1.1300e-004	4.4195e-006
tblVehicleEF	HHD	5.0850e-003	1.9963e-004
tblVehicleEF	HHD	0.48	0.44
tblVehicleEF	HHD	8.8000e-005	3.1681e-006
tblVehicleEF	HHD	0.26	0.17
tblVehicleEF	HHD	4.6100e-004	8.7999e-004
tblVehicleEF	HHD	0.10	4.6455e-006
tblVehicleEF	LDA	3.5840e-003	2.0518e-003
tblVehicleEF	LDA	3.9920e-003	0.04
tblVehicleEF	LDA	0.52	0.59
tblVehicleEF	LDA	0.92	1.99
tblVehicleEF	LDA	242.31	249.36

UCI - ICMC - Orange County, Winter

tblVehicleEF	LDA	53.99	51.01
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.05	0.16
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.8390e-003	1.5020e-003
tblVehicleEF	LDA	2.2490e-003	1.7537e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.6950e-003	1.3832e-003
tblVehicleEF	LDA	2.0680e-003	1.6125e-003
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	9.0380e-003	7.5936e-003
tblVehicleEF	LDA	0.04	0.19
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	2.4260e-003	2.4668e-003
tblVehicleEF	LDA	5.5500e-004	5.0480e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.19
tblVehicleEF	LDA	0.06	0.21
tblVehicleEF	LDA	3.7860e-003	2.1852e-003
tblVehicleEF	LDA	3.5910e-003	0.04

UCI - ICMC - Orange County, Winter

tblVehicleEF	LDA	0.56	0.64
tblVehicleEF	LDA	0.80	1.72
tblVehicleEF	LDA	252.48	259.55
tblVehicleEF	LDA	53.99	50.52
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.05	0.15
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.8390e-003	1.5020e-003
tblVehicleEF	LDA	2.2490e-003	1.7537e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.6950e-003	1.3832e-003
tblVehicleEF	LDA	2.0680e-003	1.6125e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	9.5380e-003	8.0161e-003
tblVehicleEF	LDA	0.03	0.18
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.5280e-003	2.5676e-003
tblVehicleEF	LDA	5.5300e-004	4.9989e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.18

UCI - ICMC - Orange County, Winter

tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	3.5150e-003	2.0098e-003
tblVehicleEF	LDA	4.0740e-003	0.04
tblVehicleEF	LDA	0.50	0.57
tblVehicleEF	LDA	0.95	2.05
tblVehicleEF	LDA	238.56	245.60
tblVehicleEF	LDA	53.99	51.12
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.8390e-003	1.5020e-003
tblVehicleEF	LDA	2.2490e-003	1.7537e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.6950e-003	1.3832e-003
tblVehicleEF	LDA	2.0680e-003	1.6125e-003
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	8.8680e-003	7.4511e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	2.3880e-003	2.4296e-003
tblVehicleEF	LDA	5.5600e-004	5.0587e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.09	0.09

UCI - ICMC - Orange County, Winter

tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.06	0.21
tblVehicleEF	LDT1	8.0440e-003	4.7359e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.00	1.03
tblVehicleEF	LDT1	2.24	2.17
tblVehicleEF	LDT1	303.32	296.14
tblVehicleEF	LDT1	67.98	61.59
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.13	0.23
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.3740e-003	1.9816e-003
tblVehicleEF	LDT1	3.0400e-003	2.3129e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.1840e-003	1.8229e-003
tblVehicleEF	LDT1	2.7950e-003	2.1267e-003
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.22	0.17
tblVehicleEF	LDT1	0.09	0.00
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.14	0.58
tblVehicleEF	LDT1	0.15	0.30
tblVehicleEF	LDT1	3.0440e-003	2.9306e-003

UCI - ICMC - Orange County, Winter

tblVehicleEF	LDT1	7.1900e-004	6.0953e-004
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.22	0.17
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.14	0.58
tblVehicleEF	LDT1	0.16	0.32
tblVehicleEF	LDT1	8.4500e-003	5.0088e-003
tblVehicleEF	LDT1	9.9950e-003	0.06
tblVehicleEF	LDT1	1.08	1.11
tblVehicleEF	LDT1	1.93	1.87
tblVehicleEF	LDT1	315.58	306.58
tblVehicleEF	LDT1	67.98	61.02
tblVehicleEF	LDT1	0.08	0.07
tblVehicleEF	LDT1	0.12	0.21
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.3740e-003	1.9816e-003
tblVehicleEF	LDT1	3.0400e-003	2.3129e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.1840e-003	1.8229e-003
tblVehicleEF	LDT1	2.7950e-003	2.1267e-003
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.23	0.17
tblVehicleEF	LDT1	0.13	0.00
tblVehicleEF	LDT1	0.02	0.02

UCI - ICMC - Orange County, Winter

tblVehicleEF	LDT1	0.13	0.53
tblVehicleEF	LDT1	0.13	0.27
tblVehicleEF	LDT1	3.1680e-003	3.0339e-003
tblVehicleEF	LDT1	7.1300e-004	6.0381e-004
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.23	0.17
tblVehicleEF	LDT1	0.13	0.13
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.13	0.53
tblVehicleEF	LDT1	0.15	0.29
tblVehicleEF	LDT1	7.9040e-003	4.6486e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	0.97	0.99
tblVehicleEF	LDT1	2.30	2.23
tblVehicleEF	LDT1	298.79	292.29
tblVehicleEF	LDT1	67.98	61.72
tblVehicleEF	LDT1	0.09	0.07
tblVehicleEF	LDT1	0.13	0.23
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.3740e-003	1.9816e-003
tblVehicleEF	LDT1	3.0400e-003	2.3129e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.1840e-003	1.8229e-003
tblVehicleEF	LDT1	2.7950e-003	2.1267e-003
tblVehicleEF	LDT1	0.11	0.11

UCI - ICMC - Orange County, Winter

tblVehicleEF	LDT1	0.25	0.19
tblVehicleEF	LDT1	0.09	0.00
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.15	0.30
tblVehicleEF	LDT1	2.9980e-003	2.8924e-003
tblVehicleEF	LDT1	7.2000e-004	6.1077e-004
tblVehicleEF	LDT1	0.11	0.11
tblVehicleEF	LDT1	0.25	0.19
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.17	0.33
tblVehicleEF	LDT2	4.9710e-003	3.2951e-003
tblVehicleEF	LDT2	5.3310e-003	0.06
tblVehicleEF	LDT2	0.67	0.79
tblVehicleEF	LDT2	1.19	2.52
tblVehicleEF	LDT2	342.73	317.53
tblVehicleEF	LDT2	76.37	66.48
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.09	0.24
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8340e-003	1.5139e-003
tblVehicleEF	LDT2	2.2690e-003	1.7024e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003

UCI - ICMC - Orange County, Winter

tblVehicleEF	LDT2	1.6860e-003	1.3934e-003
tblVehicleEF	LDT2	2.0860e-003	1.5653e-003
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.38
tblVehicleEF	LDT2	0.07	0.27
tblVehicleEF	LDT2	3.4320e-003	3.1413e-003
tblVehicleEF	LDT2	7.8300e-004	6.5790e-004
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.38
tblVehicleEF	LDT2	0.08	0.30
tblVehicleEF	LDT2	5.2490e-003	3.4997e-003
tblVehicleEF	LDT2	4.8000e-003	0.05
tblVehicleEF	LDT2	0.73	0.86
tblVehicleEF	LDT2	1.03	2.18
tblVehicleEF	LDT2	356.77	327.66
tblVehicleEF	LDT2	76.37	65.84
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.08	0.23
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8340e-003	1.5139e-003

UCI - ICMC - Orange County, Winter

tblVehicleEF	LDT2	2.2690e-003	1.7024e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6860e-003	1.3934e-003
tblVehicleEF	LDT2	2.0860e-003	1.5653e-003
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.35
tblVehicleEF	LDT2	0.06	0.24
tblVehicleEF	LDT2	3.5730e-003	3.2415e-003
tblVehicleEF	LDT2	7.8100e-004	6.5155e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.05	0.35
tblVehicleEF	LDT2	0.07	0.27
tblVehicleEF	LDT2	4.8770e-003	3.2305e-003
tblVehicleEF	LDT2	5.4400e-003	0.06
tblVehicleEF	LDT2	0.65	0.76
tblVehicleEF	LDT2	1.22	2.60
tblVehicleEF	LDT2	337.54	313.79
tblVehicleEF	LDT2	76.37	66.62
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.09	0.25

UCI - ICMC - Orange County, Winter

tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8340e-003	1.5139e-003
tblVehicleEF	LDT2	2.2690e-003	1.7024e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6860e-003	1.3934e-003
tblVehicleEF	LDT2	2.0860e-003	1.5653e-003
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.07	0.28
tblVehicleEF	LDT2	3.3800e-003	3.1043e-003
tblVehicleEF	LDT2	7.8400e-004	6.5929e-004
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.08	0.30
tblVehicleEF	LHD1	5.1440e-003	5.3845e-003
tblVehicleEF	LHD1	8.3180e-003	4.0634e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.19
tblVehicleEF	LHD1	0.64	0.46

UCI - ICMC - Orange County, Winter

tblVehicleEF	LHD1	2.21	1.00
tblVehicleEF	LHD1	9.05	8.94
tblVehicleEF	LHD1	587.85	643.60
tblVehicleEF	LHD1	31.08	11.73
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	1.07	0.65
tblVehicleEF	LHD1	0.93	0.31
tblVehicleEF	LHD1	8.7400e-004	8.1190e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.7537e-003
tblVehicleEF	LHD1	9.7940e-003	6.6438e-003
tblVehicleEF	LHD1	8.1700e-004	2.3220e-004
tblVehicleEF	LHD1	8.3600e-004	7.7678e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5470e-003	2.4384e-003
tblVehicleEF	LHD1	9.3500e-003	6.3321e-003
tblVehicleEF	LHD1	7.5200e-004	2.1350e-004
tblVehicleEF	LHD1	2.5990e-003	2.0069e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.6860e-003	1.3024e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.27	0.42
tblVehicleEF	LHD1	0.22	0.07
tblVehicleEF	LHD1	9.1000e-005	8.6787e-005
tblVehicleEF	LHD1	5.7610e-003	6.2796e-003
tblVehicleEF	LHD1	3.5200e-004	1.1603e-004

UCI - ICMC - Orange County, Winter

tblVehicleEF	LHD1	2.5990e-003	2.0069e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.6860e-003	1.3024e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.27	0.42
tblVehicleEF	LHD1	0.25	0.07
tblVehicleEF	LHD1	5.1440e-003	5.3956e-003
tblVehicleEF	LHD1	8.4720e-003	4.1291e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.19
tblVehicleEF	LHD1	0.65	0.47
tblVehicleEF	LHD1	2.11	0.96
tblVehicleEF	LHD1	9.05	8.94
tblVehicleEF	LHD1	587.85	643.61
tblVehicleEF	LHD1	31.08	11.65
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	1.00	0.61
tblVehicleEF	LHD1	0.90	0.30
tblVehicleEF	LHD1	8.7400e-004	8.1190e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.7537e-003
tblVehicleEF	LHD1	9.7940e-003	6.6438e-003
tblVehicleEF	LHD1	8.1700e-004	2.3220e-004
tblVehicleEF	LHD1	8.3600e-004	7.7678e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5470e-003	2.4384e-003

UCI - ICMC - Orange County, Winter

tblVehicleEF	LHD1	9.3500e-003	6.3321e-003
tblVehicleEF	LHD1	7.5200e-004	2.1350e-004
tblVehicleEF	LHD1	3.6240e-003	2.8071e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.2760e-003	1.7674e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.26	0.40
tblVehicleEF	LHD1	0.22	0.06
tblVehicleEF	LHD1	9.1000e-005	8.6787e-005
tblVehicleEF	LHD1	5.7620e-003	6.2797e-003
tblVehicleEF	LHD1	3.5100e-004	1.1532e-004
tblVehicleEF	LHD1	3.6240e-003	2.8071e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	2.2760e-003	1.7674e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.26	0.40
tblVehicleEF	LHD1	0.24	0.07
tblVehicleEF	LHD1	5.1440e-003	5.3824e-003
tblVehicleEF	LHD1	8.2770e-003	4.0457e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.19
tblVehicleEF	LHD1	0.64	0.46
tblVehicleEF	LHD1	2.22	1.00
tblVehicleEF	LHD1	9.05	8.94
tblVehicleEF	LHD1	587.85	643.59

UCI - ICMC - Orange County, Winter

tblVehicleEF	LHD1	31.08	11.74
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	1.05	0.64
tblVehicleEF	LHD1	0.94	0.31
tblVehicleEF	LHD1	8.7400e-004	8.1190e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.7537e-003
tblVehicleEF	LHD1	9.7940e-003	6.6438e-003
tblVehicleEF	LHD1	8.1700e-004	2.3220e-004
tblVehicleEF	LHD1	8.3600e-004	7.7678e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5470e-003	2.4384e-003
tblVehicleEF	LHD1	9.3500e-003	6.3321e-003
tblVehicleEF	LHD1	7.5200e-004	2.1350e-004
tblVehicleEF	LHD1	2.6790e-003	2.0730e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.7000e-003	1.3162e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.29	0.45
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	9.1000e-005	8.6787e-005
tblVehicleEF	LHD1	5.7610e-003	6.2796e-003
tblVehicleEF	LHD1	3.5300e-004	1.1614e-004
tblVehicleEF	LHD1	2.6790e-003	2.0730e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03

UCI - ICMC - Orange County, Winter

tblVehicleEF	LHD1	1.7000e-003	1.3162e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.29	0.45
tblVehicleEF	LHD1	0.25	0.07
tblVehicleEF	LHD2	3.7290e-003	3.8794e-003
tblVehicleEF	LHD2	3.3120e-003	3.0662e-003
tblVehicleEF	LHD2	7.2560e-003	9.8116e-003
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.29	0.34
tblVehicleEF	LHD2	1.18	0.68
tblVehicleEF	LHD2	13.67	13.53
tblVehicleEF	LHD2	604.69	653.28
tblVehicleEF	LHD2	26.72	9.28
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.64	0.74
tblVehicleEF	LHD2	0.51	0.22
tblVehicleEF	LHD2	1.1580e-003	1.2540e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.8100e-003	9.7310e-003
tblVehicleEF	LHD2	4.1000e-004	1.3374e-004
tblVehicleEF	LHD2	1.1080e-003	1.1997e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6650e-003	2.6360e-003
tblVehicleEF	LHD2	8.4170e-003	9.2961e-003
tblVehicleEF	LHD2	3.7700e-004	1.2297e-004
tblVehicleEF	LHD2	9.7400e-004	1.2825e-003

UCI - ICMC - Orange County, Winter

tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.8200e-004	8.5779e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.07	0.26
tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	1.3400e-004	1.2968e-004
tblVehicleEF	LHD2	5.8880e-003	6.3215e-003
tblVehicleEF	LHD2	2.8800e-004	9.1841e-005
tblVehicleEF	LHD2	9.7400e-004	1.2825e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.8200e-004	8.5779e-004
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.07	0.26
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	3.7290e-003	3.8874e-003
tblVehicleEF	LHD2	3.3450e-003	3.0936e-003
tblVehicleEF	LHD2	7.0320e-003	9.5029e-003
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.29	0.34
tblVehicleEF	LHD2	1.13	0.65
tblVehicleEF	LHD2	13.67	13.53
tblVehicleEF	LHD2	604.69	653.28
tblVehicleEF	LHD2	26.72	9.23
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.61	0.70

UCI - ICMC - Orange County, Winter

tblVehicleEF	LHD2	0.49	0.21
tblVehicleEF	LHD2	1.1580e-003	1.2540e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.8100e-003	9.7310e-003
tblVehicleEF	LHD2	4.1000e-004	1.3374e-004
tblVehicleEF	LHD2	1.1080e-003	1.1997e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6650e-003	2.6360e-003
tblVehicleEF	LHD2	8.4170e-003	9.2961e-003
tblVehicleEF	LHD2	3.7700e-004	1.2297e-004
tblVehicleEF	LHD2	1.3660e-003	1.7960e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	9.2300e-004	1.1646e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.07	0.25
tblVehicleEF	LHD2	0.09	0.05
tblVehicleEF	LHD2	1.3400e-004	1.2968e-004
tblVehicleEF	LHD2	5.8880e-003	6.3216e-003
tblVehicleEF	LHD2	2.8800e-004	9.1357e-005
tblVehicleEF	LHD2	1.3660e-003	1.7960e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.2300e-004	1.1646e-003
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.07	0.25

UCI - ICMC - Orange County, Winter

tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	3.7290e-003	3.8779e-003
tblVehicleEF	LHD2	3.3030e-003	3.0589e-003
tblVehicleEF	LHD2	7.3020e-003	9.8750e-003
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.29	0.34
tblVehicleEF	LHD2	1.18	0.68
tblVehicleEF	LHD2	13.67	13.53
tblVehicleEF	LHD2	604.69	653.27
tblVehicleEF	LHD2	26.72	9.29
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.63	0.73
tblVehicleEF	LHD2	0.51	0.22
tblVehicleEF	LHD2	1.1580e-003	1.2540e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.8100e-003	9.7310e-003
tblVehicleEF	LHD2	4.1000e-004	1.3374e-004
tblVehicleEF	LHD2	1.1080e-003	1.1997e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6650e-003	2.6360e-003
tblVehicleEF	LHD2	8.4170e-003	9.2961e-003
tblVehicleEF	LHD2	3.7700e-004	1.2297e-004
tblVehicleEF	LHD2	9.7300e-004	1.2991e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.7600e-004	8.5089e-004

UCI - ICMC - Orange County, Winter

tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.08	0.28
tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	1.3400e-004	1.2968e-004
tblVehicleEF	LHD2	5.8880e-003	6.3215e-003
tblVehicleEF	LHD2	2.8800e-004	9.1917e-005
tblVehicleEF	LHD2	9.7300e-004	1.2991e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.7600e-004	8.5089e-004
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.08	0.28
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	MCY	0.49	0.35
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.11	18.34
tblVehicleEF	MCY	9.59	8.48
tblVehicleEF	MCY	178.39	214.43
tblVehicleEF	MCY	44.52	59.44
tblVehicleEF	MCY	1.12	1.12
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.2180e-003	2.2005e-003
tblVehicleEF	MCY	3.6330e-003	3.0777e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003

UCI - ICMC - Orange County, Winter

tblVehicleEF	MCY	2.0720e-003	2.0559e-003
tblVehicleEF	MCY	3.4160e-003	2.8938e-003
tblVehicleEF	MCY	1.13	1.15
tblVehicleEF	MCY	0.67	0.69
tblVehicleEF	MCY	0.69	0.71
tblVehicleEF	MCY	2.35	2.37
tblVehicleEF	MCY	0.62	1.91
tblVehicleEF	MCY	2.03	1.80
tblVehicleEF	MCY	2.1510e-003	2.1219e-003
tblVehicleEF	MCY	6.6200e-004	5.8822e-004
tblVehicleEF	MCY	1.13	1.15
tblVehicleEF	MCY	0.67	0.69
tblVehicleEF	MCY	0.69	0.71
tblVehicleEF	MCY	2.93	2.94
tblVehicleEF	MCY	0.62	1.91
tblVehicleEF	MCY	2.21	1.96
tblVehicleEF	MCY	0.48	0.34
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	17.46	17.67
tblVehicleEF	MCY	8.83	7.76
tblVehicleEF	MCY	178.39	213.16
tblVehicleEF	MCY	44.52	57.68
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.2180e-003	2.2005e-003

UCI - ICMC - Orange County, Winter

tblVehicleEF	MCY	3.6330e-003	3.0777e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.0720e-003	2.0559e-003
tblVehicleEF	MCY	3.4160e-003	2.8938e-003
tblVehicleEF	MCY	1.69	1.73
tblVehicleEF	MCY	0.71	0.73
tblVehicleEF	MCY	1.10	1.12
tblVehicleEF	MCY	2.30	2.31
tblVehicleEF	MCY	0.58	1.79
tblVehicleEF	MCY	1.83	1.61
tblVehicleEF	MCY	2.1390e-003	2.1094e-003
tblVehicleEF	MCY	6.4300e-004	5.7079e-004
tblVehicleEF	MCY	1.69	1.73
tblVehicleEF	MCY	0.71	0.73
tblVehicleEF	MCY	1.10	1.12
tblVehicleEF	MCY	2.86	2.87
tblVehicleEF	MCY	0.58	1.79
tblVehicleEF	MCY	1.99	1.75
tblVehicleEF	MCY	0.49	0.35
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.21	18.44
tblVehicleEF	MCY	9.71	8.60
tblVehicleEF	MCY	178.39	214.62
tblVehicleEF	MCY	44.52	59.76
tblVehicleEF	MCY	1.09	1.09
tblVehicleEF	MCY	0.31	0.27

UCI - ICMC - Orange County, Winter

tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.2180e-003	2.2005e-003
tblVehicleEF	MCY	3.6330e-003	3.0777e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.0720e-003	2.0559e-003
tblVehicleEF	MCY	3.4160e-003	2.8938e-003
tblVehicleEF	MCY	1.25	1.27
tblVehicleEF	MCY	0.86	0.88
tblVehicleEF	MCY	0.73	0.75
tblVehicleEF	MCY	2.36	2.38
tblVehicleEF	MCY	0.71	2.20
tblVehicleEF	MCY	2.07	1.84
tblVehicleEF	MCY	2.1530e-003	2.1239e-003
tblVehicleEF	MCY	6.6500e-004	5.9133e-004
tblVehicleEF	MCY	1.25	1.27
tblVehicleEF	MCY	0.86	0.88
tblVehicleEF	MCY	0.73	0.75
tblVehicleEF	MCY	2.94	2.95
tblVehicleEF	MCY	0.71	2.20
tblVehicleEF	MCY	2.25	2.00
tblVehicleEF	MDV	9.1870e-003	4.2220e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.04	0.90
tblVehicleEF	MDV	2.15	2.83
tblVehicleEF	MDV	467.69	393.33

UCI - ICMC - Orange County, Winter

tblVehicleEF	MDV	101.87	80.90
tblVehicleEF	MDV	0.11	0.08
tblVehicleEF	MDV	0.19	0.30
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8820e-003	1.6172e-003
tblVehicleEF	MDV	2.2700e-003	1.7983e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7350e-003	1.4913e-003
tblVehicleEF	MDV	2.0880e-003	1.6536e-003
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.09	0.40
tblVehicleEF	MDV	0.16	0.34
tblVehicleEF	MDV	4.6820e-003	3.8882e-003
tblVehicleEF	MDV	1.0560e-003	8.0061e-004
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.09	0.40
tblVehicleEF	MDV	0.17	0.37
tblVehicleEF	MDV	9.6820e-003	4.4795e-003
tblVehicleEF	MDV	0.01	0.06

UCI - ICMC - Orange County, Winter

tblVehicleEF	MDV	1.13	0.98
tblVehicleEF	MDV	1.86	2.44
tblVehicleEF	MDV	486.30	403.90
tblVehicleEF	MDV	101.87	80.16
tblVehicleEF	MDV	0.10	0.07
tblVehicleEF	MDV	0.18	0.28
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8820e-003	1.6172e-003
tblVehicleEF	MDV	2.2700e-003	1.7983e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7350e-003	1.4913e-003
tblVehicleEF	MDV	2.0880e-003	1.6536e-003
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.09	0.37
tblVehicleEF	MDV	0.14	0.31
tblVehicleEF	MDV	4.8690e-003	3.9928e-003
tblVehicleEF	MDV	1.0510e-003	7.9330e-004
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.09	0.37

UCI - ICMC - Orange County, Winter

tblVehicleEF	MDV	0.16	0.34
tblVehicleEF	MDV	9.0170e-003	4.1396e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.01	0.87
tblVehicleEF	MDV	2.21	2.92
tblVehicleEF	MDV	460.81	389.43
tblVehicleEF	MDV	101.87	81.07
tblVehicleEF	MDV	0.10	0.07
tblVehicleEF	MDV	0.20	0.30
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8820e-003	1.6172e-003
tblVehicleEF	MDV	2.2700e-003	1.7983e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7350e-003	1.4913e-003
tblVehicleEF	MDV	2.0880e-003	1.6536e-003
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.16	0.14
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.11	0.47
tblVehicleEF	MDV	0.16	0.35
tblVehicleEF	MDV	4.6120e-003	3.8496e-003
tblVehicleEF	MDV	1.0570e-003	8.0221e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.16	0.14

UCI - ICMC - Orange County, Winter

tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.47
tblVehicleEF	MDV	0.18	0.38
tblVehicleEF	MH	0.02	7.6349e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.49	0.84
tblVehicleEF	MH	4.71	1.82
tblVehicleEF	MH	1,100.52	1,423.89
tblVehicleEF	MH	56.84	17.32
tblVehicleEF	MH	1.24	1.32
tblVehicleEF	MH	0.70	0.23
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	9.3800e-004	2.2417e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2410e-003	3.3068e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	8.6200e-004	2.0612e-004
tblVehicleEF	MH	0.80	0.67
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.36	0.30
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.02	1.05
tblVehicleEF	MH	0.28	0.08
tblVehicleEF	MH	0.01	0.01

UCI - ICMC - Orange County, Winter

tblVehicleEF	MH	6.5000e-004	1.7144e-004
tblVehicleEF	MH	0.80	0.67
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.36	0.30
tblVehicleEF	MH	0.09	0.06
tblVehicleEF	MH	0.02	1.05
tblVehicleEF	MH	0.30	0.09
tblVehicleEF	MH	0.02	7.7851e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.53	0.86
tblVehicleEF	MH	4.46	1.73
tblVehicleEF	MH	1,100.52	1,423.92
tblVehicleEF	MH	56.84	17.17
tblVehicleEF	MH	1.16	1.23
tblVehicleEF	MH	0.67	0.22
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	9.3800e-004	2.2417e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2410e-003	3.3068e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	8.6200e-004	2.0612e-004
tblVehicleEF	MH	1.07	0.91
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.48	0.41
tblVehicleEF	MH	0.07	0.05

UCI - ICMC - Orange County, Winter

tblVehicleEF	MH	0.02	1.02
tblVehicleEF	MH	0.27	0.08
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.4600e-004	1.6988e-004
tblVehicleEF	MH	1.07	0.91
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.48	0.41
tblVehicleEF	MH	0.09	0.07
tblVehicleEF	MH	0.02	1.02
tblVehicleEF	MH	0.29	0.09
tblVehicleEF	MH	0.02	7.5897e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.48	0.83
tblVehicleEF	MH	4.74	1.83
tblVehicleEF	MH	1,100.52	1,423.88
tblVehicleEF	MH	56.84	17.35
tblVehicleEF	MH	1.22	1.29
tblVehicleEF	MH	0.71	0.23
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	9.3800e-004	2.2417e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2410e-003	3.3068e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	8.6200e-004	2.0612e-004
tblVehicleEF	MH	0.87	0.73

UCI - ICMC - Orange County, Winter

tblVehicleEF	MH	0.07	0.06
tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.02	1.11
tblVehicleEF	MH	0.28	0.08
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.5100e-004	1.7170e-004
tblVehicleEF	MH	0.87	0.73
tblVehicleEF	MH	0.07	0.06
tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.09	0.06
tblVehicleEF	MH	0.02	1.11
tblVehicleEF	MH	0.30	0.09
tblVehicleEF	MHD	0.02	4.7658e-003
tblVehicleEF	MHD	2.9430e-003	1.3812e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.33	0.39
tblVehicleEF	MHD	0.26	0.19
tblVehicleEF	MHD	5.08	1.21
tblVehicleEF	MHD	141.00	53.16
tblVehicleEF	MHD	1,129.46	1,011.60
tblVehicleEF	MHD	58.21	12.50
tblVehicleEF	MHD	0.36	0.25
tblVehicleEF	MHD	0.69	0.95
tblVehicleEF	MHD	10.82	1.53
tblVehicleEF	MHD	7.6000e-005	1.9781e-004
tblVehicleEF	MHD	0.13	0.13

UCI - ICMC - Orange County, Winter

tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.7910e-003	5.6976e-003
tblVehicleEF	MHD	7.2300e-004	1.1541e-004
tblVehicleEF	MHD	7.2000e-005	1.8926e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.6680e-003	5.4456e-003
tblVehicleEF	MHD	6.6500e-004	1.0611e-004
tblVehicleEF	MHD	9.9700e-004	4.8129e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.7900e-004	3.4273e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.31	0.06
tblVehicleEF	MHD	1.3570e-003	5.0631e-004
tblVehicleEF	MHD	0.01	9.6794e-003
tblVehicleEF	MHD	6.7100e-004	1.2371e-004
tblVehicleEF	MHD	9.9700e-004	4.8129e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	6.7900e-004	3.4273e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.34	0.06
tblVehicleEF	MHD	0.01	4.5191e-003
tblVehicleEF	MHD	2.9770e-003	1.4067e-003

UCI - ICMC - Orange County, Winter

tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.24	0.32
tblVehicleEF	MHD	0.26	0.19
tblVehicleEF	MHD	4.84	1.16
tblVehicleEF	MHD	149.34	53.14
tblVehicleEF	MHD	1,129.46	1,011.61
tblVehicleEF	MHD	58.21	12.40
tblVehicleEF	MHD	0.37	0.24
tblVehicleEF	MHD	0.65	0.90
tblVehicleEF	MHD	10.79	1.52
tblVehicleEF	MHD	6.4000e-005	1.6898e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.7910e-003	5.6976e-003
tblVehicleEF	MHD	7.2300e-004	1.1541e-004
tblVehicleEF	MHD	6.1000e-005	1.6167e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.6680e-003	5.4456e-003
tblVehicleEF	MHD	6.6500e-004	1.0611e-004
tblVehicleEF	MHD	1.4050e-003	6.7948e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	9.3200e-004	4.6860e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.30	0.06

UCI - ICMC - Orange County, Winter

tblVehicleEF	MHD	1.4350e-003	5.0631e-004
tblVehicleEF	MHD	0.01	9.6795e-003
tblVehicleEF	MHD	6.6700e-004	1.2274e-004
tblVehicleEF	MHD	1.4050e-003	6.7948e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	9.3200e-004	4.6860e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.33	0.06
tblVehicleEF	MHD	0.02	5.1223e-003
tblVehicleEF	MHD	2.9330e-003	1.3724e-003
tblVehicleEF	MHD	0.05	0.01
tblVehicleEF	MHD	0.46	0.48
tblVehicleEF	MHD	0.26	0.19
tblVehicleEF	MHD	5.12	1.22
tblVehicleEF	MHD	129.46	53.18
tblVehicleEF	MHD	1,129.46	1,011.60
tblVehicleEF	MHD	58.21	12.52
tblVehicleEF	MHD	0.34	0.26
tblVehicleEF	MHD	0.68	0.93
tblVehicleEF	MHD	10.83	1.53
tblVehicleEF	MHD	9.2000e-005	2.3763e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.7910e-003	5.6976e-003
tblVehicleEF	MHD	7.2300e-004	1.1541e-004

UCI - ICMC - Orange County, Winter

tblVehicleEF	MHD	8.8000e-005	2.2735e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.6680e-003	5.4456e-003
tblVehicleEF	MHD	6.6500e-004	1.0611e-004
tblVehicleEF	MHD	1.0150e-003	4.7978e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.8500e-004	3.4117e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.11
tblVehicleEF	MHD	0.32	0.06
tblVehicleEF	MHD	1.2480e-003	5.0623e-004
tblVehicleEF	MHD	0.01	9.6794e-003
tblVehicleEF	MHD	6.7200e-004	1.2390e-004
tblVehicleEF	MHD	1.0150e-003	4.7978e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.8500e-004	3.4117e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.11
tblVehicleEF	MHD	0.35	0.06
tblVehicleEF	OBUS	0.01	8.6761e-003
tblVehicleEF	OBUS	5.8760e-003	4.8662e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.55
tblVehicleEF	OBUS	0.43	0.61

UCI - ICMC - Orange County, Winter

tblVehicleEF	OBUS	5.05	2.32
tblVehicleEF	OBUS	76.29	77.70
tblVehicleEF	OBUS	1,208.63	1,354.39
tblVehicleEF	OBUS	69.33	19.82
tblVehicleEF	OBUS	0.15	0.29
tblVehicleEF	OBUS	0.55	0.97
tblVehicleEF	OBUS	1.99	0.75
tblVehicleEF	OBUS	1.4000e-005	9.7570e-005
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.3250e-003	6.0792e-003
tblVehicleEF	OBUS	8.7700e-004	1.9850e-004
tblVehicleEF	OBUS	1.3000e-005	9.3349e-005
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.2060e-003	5.8002e-003
tblVehicleEF	OBUS	8.0600e-004	1.8251e-004
tblVehicleEF	OBUS	1.3670e-003	1.7572e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.5000e-004	9.4778e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.04	0.23
tblVehicleEF	OBUS	0.32	0.11
tblVehicleEF	OBUS	7.4000e-004	7.4054e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8200e-004	1.9609e-004

UCI - ICMC - Orange County, Winter

tblVehicleEF	OBUS	1.3670e-003	1.7572e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	7.5000e-004	9.4778e-004
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.04	0.23
tblVehicleEF	OBUS	0.35	0.12
tblVehicleEF	OBUS	0.01	8.7517e-003
tblVehicleEF	OBUS	5.9810e-003	4.9687e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.55
tblVehicleEF	OBUS	0.43	0.62
tblVehicleEF	OBUS	4.79	2.20
tblVehicleEF	OBUS	79.82	76.85
tblVehicleEF	OBUS	1,208.63	1,354.41
tblVehicleEF	OBUS	69.33	19.61
tblVehicleEF	OBUS	0.16	0.28
tblVehicleEF	OBUS	0.51	0.91
tblVehicleEF	OBUS	1.96	0.74
tblVehicleEF	OBUS	1.2000e-005	8.6697e-005
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.3250e-003	6.0792e-003
tblVehicleEF	OBUS	8.7700e-004	1.9850e-004
tblVehicleEF	OBUS	1.1000e-005	8.2947e-005
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003

UCI - ICMC - Orange County, Winter

tblVehicleEF	OBUS	2.2060e-003	5.8002e-003
tblVehicleEF	OBUS	8.0600e-004	1.8251e-004
tblVehicleEF	OBUS	1.8810e-003	2.4024e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.0260e-003	1.2829e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	7.7400e-004	7.3248e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7700e-004	1.9409e-004
tblVehicleEF	OBUS	1.8810e-003	2.4024e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	1.0260e-003	1.2829e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.33	0.12
tblVehicleEF	OBUS	0.01	8.5929e-003
tblVehicleEF	OBUS	5.8450e-003	4.8362e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.56
tblVehicleEF	OBUS	0.43	0.60
tblVehicleEF	OBUS	5.09	2.34
tblVehicleEF	OBUS	71.43	78.88
tblVehicleEF	OBUS	1,208.63	1,354.38

UCI - ICMC - Orange County, Winter

tblVehicleEF	OBUS	69.33	19.85
tblVehicleEF	OBUS	0.15	0.31
tblVehicleEF	OBUS	0.54	0.96
tblVehicleEF	OBUS	2.00	0.75
tblVehicleEF	OBUS	1.7000e-005	1.1258e-004
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.3250e-003	6.0792e-003
tblVehicleEF	OBUS	8.7700e-004	1.9850e-004
tblVehicleEF	OBUS	1.6000e-005	1.0771e-004
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.2060e-003	5.8002e-003
tblVehicleEF	OBUS	8.0600e-004	1.8251e-004
tblVehicleEF	OBUS	1.3790e-003	1.7846e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.4200e-004	9.4326e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.04	0.24
tblVehicleEF	OBUS	0.32	0.11
tblVehicleEF	OBUS	6.9400e-004	7.5167e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8300e-004	1.9642e-004
tblVehicleEF	OBUS	1.3790e-003	1.7846e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.06

UCI - ICMC - Orange County, Winter

tblVehicleEF	OBUS	7.4200e-004	9.4326e-004
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.04	0.24
tblVehicleEF	OBUS	0.35	0.13
tblVehicleEF	SBUS	0.84	0.08
tblVehicleEF	SBUS	0.02	9.9036e-003
tblVehicleEF	SBUS	0.08	7.9001e-003
tblVehicleEF	SBUS	8.38	3.16
tblVehicleEF	SBUS	1.03	0.90
tblVehicleEF	SBUS	8.97	1.09
tblVehicleEF	SBUS	1,100.64	359.03
tblVehicleEF	SBUS	1,073.61	1,094.78
tblVehicleEF	SBUS	56.82	6.39
tblVehicleEF	SBUS	8.42	3.59
tblVehicleEF	SBUS	3.91	5.50
tblVehicleEF	SBUS	11.93	0.68
tblVehicleEF	SBUS	8.0260e-003	5.0547e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.8700e-004	7.2110e-005
tblVehicleEF	SBUS	7.6790e-003	4.8360e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6630e-003	2.6315e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.0700e-004	6.6302e-005
tblVehicleEF	SBUS	3.3970e-003	1.1280e-003

UCI - ICMC - Orange County, Winter

tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.00	0.38
tblVehicleEF	SBUS	1.9330e-003	6.2414e-004
tblVehicleEF	SBUS	0.11	0.12
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.47	0.05
tblVehicleEF	SBUS	0.01	3.4304e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	7.2400e-004	6.3230e-005
tblVehicleEF	SBUS	3.3970e-003	1.1280e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.44	0.54
tblVehicleEF	SBUS	1.9330e-003	6.2414e-004
tblVehicleEF	SBUS	0.14	0.14
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.52	0.05
tblVehicleEF	SBUS	0.84	0.08
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.07	7.0991e-003
tblVehicleEF	SBUS	8.27	3.12
tblVehicleEF	SBUS	1.04	0.91
tblVehicleEF	SBUS	7.41	0.90
tblVehicleEF	SBUS	1,149.38	368.93
tblVehicleEF	SBUS	1,073.61	1,094.80
tblVehicleEF	SBUS	56.82	6.07
tblVehicleEF	SBUS	8.69	3.69
tblVehicleEF	SBUS	3.69	5.19

UCI - ICMC - Orange County, Winter

tblVehicleEF	SBUS	11.90	0.68
tblVehicleEF	SBUS	6.7660e-003	4.2669e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.8700e-004	7.2110e-005
tblVehicleEF	SBUS	6.4740e-003	4.0823e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6630e-003	2.6315e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.0700e-004	6.6302e-005
tblVehicleEF	SBUS	4.6630e-003	1.5458e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.00	0.38
tblVehicleEF	SBUS	2.6350e-003	8.4887e-004
tblVehicleEF	SBUS	0.11	0.12
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.42	0.04
tblVehicleEF	SBUS	0.01	3.5240e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.9700e-004	6.0101e-005
tblVehicleEF	SBUS	4.6630e-003	1.5458e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.44	0.54
tblVehicleEF	SBUS	2.6350e-003	8.4887e-004
tblVehicleEF	SBUS	0.14	0.14
tblVehicleEF	SBUS	0.01	0.06

UCI - ICMC - Orange County, Winter

tblVehicleEF	SBUS	0.46	0.05
tblVehicleEF	SBUS	0.84	0.08
tblVehicleEF	SBUS	0.02	9.8706e-003
tblVehicleEF	SBUS	0.08	8.0150e-003
tblVehicleEF	SBUS	8.52	3.21
tblVehicleEF	SBUS	1.02	0.89
tblVehicleEF	SBUS	9.12	1.11
tblVehicleEF	SBUS	1,033.33	345.35
tblVehicleEF	SBUS	1,073.61	1,094.77
tblVehicleEF	SBUS	56.82	6.42
tblVehicleEF	SBUS	8.05	3.46
tblVehicleEF	SBUS	3.84	5.41
tblVehicleEF	SBUS	11.94	0.68
tblVehicleEF	SBUS	9.7670e-003	6.1427e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.8700e-004	7.2110e-005
tblVehicleEF	SBUS	9.3440e-003	5.8770e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6630e-003	2.6315e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.0700e-004	6.6302e-005
tblVehicleEF	SBUS	3.3440e-003	1.1181e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.00	0.38
tblVehicleEF	SBUS	1.8840e-003	6.0675e-004

UCI - ICMC - Orange County, Winter

tblVehicleEF	SBUS	0.11	0.12
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.48	0.05
tblVehicleEF	SBUS	0.01	3.3012e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	7.2600e-004	6.3529e-005
tblVehicleEF	SBUS	3.3440e-003	1.1181e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.45	0.54
tblVehicleEF	SBUS	1.8840e-003	6.0675e-004
tblVehicleEF	SBUS	0.14	0.14
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.52	0.05
tblVehicleEF	UBUS	1.69	5.27
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	8.06	41.13
tblVehicleEF	UBUS	12.43	1.81
tblVehicleEF	UBUS	1,803.73	2,036.06
tblVehicleEF	UBUS	136.85	20.35
tblVehicleEF	UBUS	3.94	0.44
tblVehicleEF	UBUS	13.12	0.17
tblVehicleEF	UBUS	0.52	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.03	3.0694e-003
tblVehicleEF	UBUS	1.2820e-003	1.7020e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003

UCI - ICMC - Orange County, Winter

tblVehicleEF	UBUS	0.03	2.9232e-003
tblVehicleEF	UBUS	1.1780e-003	1.5649e-004
tblVehicleEF	UBUS	5.8750e-003	8.5879e-004
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	3.5880e-003	6.5275e-004
tblVehicleEF	UBUS	0.44	0.08
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	0.94	0.10
tblVehicleEF	UBUS	8.5770e-003	3.8203e-003
tblVehicleEF	UBUS	1.5920e-003	2.0134e-004
tblVehicleEF	UBUS	5.8750e-003	8.5879e-004
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	3.5880e-003	6.5275e-004
tblVehicleEF	UBUS	2.18	5.39
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.03	0.11
tblVehicleEF	UBUS	1.69	5.27
tblVehicleEF	UBUS	0.06	0.02
tblVehicleEF	UBUS	8.11	41.13
tblVehicleEF	UBUS	10.96	1.61
tblVehicleEF	UBUS	1,803.73	2,036.06
tblVehicleEF	UBUS	136.85	20.00
tblVehicleEF	UBUS	3.69	0.44
tblVehicleEF	UBUS	13.05	0.16
tblVehicleEF	UBUS	0.52	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.03	3.0694e-003

UCI - ICMC - Orange County, Winter

tblVehicleEF	UBUS	1.2820e-003	1.7020e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003
tblVehicleEF	UBUS	0.03	2.9232e-003
tblVehicleEF	UBUS	1.1780e-003	1.5649e-004
tblVehicleEF	UBUS	7.8850e-003	1.1874e-003
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	4.7730e-003	9.0804e-004
tblVehicleEF	UBUS	0.44	0.08
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	0.87	0.09
tblVehicleEF	UBUS	8.5780e-003	3.8204e-003
tblVehicleEF	UBUS	1.5670e-003	1.9788e-004
tblVehicleEF	UBUS	7.8850e-003	1.1874e-003
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	4.7730e-003	9.0804e-004
tblVehicleEF	UBUS	2.18	5.39
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	0.95	0.10
tblVehicleEF	UBUS	1.69	5.27
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	8.05	41.13
tblVehicleEF	UBUS	12.68	1.85
tblVehicleEF	UBUS	1,803.73	2,036.05
tblVehicleEF	UBUS	136.85	20.41
tblVehicleEF	UBUS	3.86	0.44
tblVehicleEF	UBUS	13.14	0.17

UCI - ICMC - Orange County, Winter

tblVehicleEF	UBUS	0.52	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.03	3.0694e-003
tblVehicleEF	UBUS	1.2820e-003	1.7020e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003
tblVehicleEF	UBUS	0.03	2.9232e-003
tblVehicleEF	UBUS	1.1780e-003	1.5649e-004
tblVehicleEF	UBUS	6.5460e-003	8.7770e-004
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.7380e-003	6.3665e-004
tblVehicleEF	UBUS	0.43	0.08
tblVehicleEF	UBUS	0.04	0.08
tblVehicleEF	UBUS	0.95	0.10
tblVehicleEF	UBUS	8.5770e-003	3.8203e-003
tblVehicleEF	UBUS	1.5960e-003	2.0197e-004
tblVehicleEF	UBUS	6.5460e-003	8.7770e-004
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.7380e-003	6.3665e-004
tblVehicleEF	UBUS	2.17	5.39
tblVehicleEF	UBUS	0.04	0.08
tblVehicleEF	UBUS	1.04	0.11
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PB_TP	10.00	0.00
tblVehicleTrips	PR_TP	73.00	100.00

UCI - ICMC - Orange County, Winter

tblVehicleTrips	PR_TP	60.00	100.00
tblVehicleTrips	ST_TR	8.14	10.87
tblVehicleTrips	ST_TR	8.96	6.68
tblVehicleTrips	SU_TR	7.19	9.60
tblVehicleTrips	SU_TR	1.55	1.16
tblVehicleTrips	WD_TR	12.94	17.28
tblVehicleTrips	WD_TR	36.13	26.94

2.0 Emissions Summary

UCI - ICMC - Orange County, Winter

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	9.0794	77.8690	73.1231	0.2575	18.2675	2.0769	20.3132	9.9840	1.9527	11.8661	0.0000	26,384.30 23	26,384.30 23	2.4035	0.0000	26,444.38 89
2022	8.4043	71.7945	70.3684	0.2527	13.8834	1.7650	15.6483	3.7445	1.6603	5.4048	0.0000	25,907.09 13	25,907.09 13	2.3439	0.0000	25,965.68 85
2023	42.2135	69.8587	82.3435	0.2699	14.9899	2.0172	16.5736	4.0380	1.8865	5.6755	0.0000	27,551.10 35	27,551.10 35	2.9643	0.0000	27,625.211 7
Maximum	42.2135	77.8690	82.3435	0.2699	18.2675	2.0769	20.3132	9.9840	1.9527	11.8661	0.0000	27,551.10 35	27,551.10 35	2.9643	0.0000	27,625.21 17

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	9.0794	77.8690	73.1231	0.2575	12.8359	2.0769	14.9128	3.9225	1.9527	5.8046	0.0000	26,384.30 23	26,384.30 23	2.4035	0.0000	26,444.38 88
2022	8.4043	71.7945	70.3684	0.2527	12.8359	1.7650	14.6008	3.4874	1.6603	5.1477	0.0000	25,907.09 13	25,907.09 13	2.3439	0.0000	25,965.68 85
2023	42.2135	69.8587	82.3435	0.2699	13.8558	2.0172	15.4395	3.7596	1.8865	5.4151	0.0000	27,551.10 35	27,551.10 35	2.9643	0.0000	27,625.211 7
Maximum	42.2135	77.8690	82.3435	0.2699	13.8558	2.0769	15.4395	3.9225	1.9527	5.8046	0.0000	27,551.10 35	27,551.10 35	2.9643	0.0000	27,625.21 17

UCI - ICMC - Orange County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	16.15	0.00	14.43	37.13	0.00	28.67	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	12.6690	1.5800e-003	0.1740	1.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004		0.3730	0.3730	9.8000e-004		0.3975
Energy	0.7008	6.3706	5.3513	0.0382		0.4842	0.4842		0.4842	0.4842		7,644.7059	7,644.7059	0.1465	0.1402	7,690.1346
Mobile	19.5538	35.6372	215.8300	0.7055	75.0255	0.4849	75.5104	20.0397	0.4516	20.4913		72,739.0498	72,739.0498	4.1644		72,843.1596
Stationary	9.2927	4.9122	31.9275	0.1009		0.9168	0.9168		0.9168	0.9168		16,242.8752	16,242.8752	0.8533		16,264.2079
Total	42.2163	46.9216	253.2828	0.8446	75.0255	1.8865	76.9119	20.0397	1.8532	21.8929		96,627.0039	96,627.0039	5.1652	0.1402	96,797.8995

UCI - ICMC - Orange County, Winter

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	12.6690	1.5800e-003	0.1740	1.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004		0.3730	0.3730	9.8000e-004		0.3975
Energy	0.4002	3.6385	3.0563	0.0218		0.2765	0.2765		0.2765	0.2765		4,366.1966	4,366.1966	0.0837	0.0801	4,392.1427
Mobile	18.6166	30.3097	183.4978	0.5751	60.8843	0.3998	61.2841	16.2626	0.3722	16.6348		59,297.1329	59,297.1329	3.5620		59,386.1816
Stationary	9.2927	4.9122	31.9275	0.1009		0.9168	0.9168		0.9168	0.9168		16,242.8752	16,242.8752	0.8533		16,264.2079
Total	40.9785	38.8620	218.6556	0.6979	60.8843	1.5937	62.4780	16.2626	1.5662	17.8287		79,906.5777	79,906.5777	4.4999	0.0801	80,042.9296

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	2.93	17.18	13.67	17.38	18.85	15.52	18.77	18.85	15.49	18.56	0.00	17.30	17.30	12.88	42.88	17.31

3.0 Construction Detail

Construction Phase

UCI - ICMC - Orange County, Winter

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition phase A	Demolition	4/5/2021	4/30/2021	5	20	
2	Site Preparation phase A	Site Preparation	5/1/2021	5/14/2021	5	10	
3	Grading phase A	Grading	5/15/2021	6/25/2021	5	30	
4	Building Construction Phase B	Building Construction	6/28/2021	6/30/2023	5	525	
5	Building Construction Phase C	Building Construction	6/28/2021	10/31/2023	5	612	
6	Paving Phase B	Paving	1/1/2023	1/31/2023	5	22	
7	Architectural Coating Phase B	Architectural Coating	2/1/2023	5/31/2023	5	86	
8	Paving Phase C	Paving	6/1/2023	6/30/2023	5	22	
9	Architectural Coating Phase C	Architectural Coating	7/1/2023	10/31/2023	5	87	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 7.3

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 877,500; Non-Residential Outdoor: 292,500; Striped Parking Area: 45,592 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition phase A	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition phase A	Excavators	3	8.00	158	0.38
Demolition phase A	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation phase A	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation phase A	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading phase A	Excavators	1	8.00	158	0.38
Grading phase A	Graders	1	8.00	187	0.41

UCI - ICMC - Orange County, Winter

Grading phase A	Rubber Tired Dozers	1	8.00	247	0.40
Grading phase A	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction Phase B	Cranes	1	7.00	231	0.29
Building Construction Phase B	Forklifts	3	8.00	89	0.20
Building Construction Phase B	Generator Sets	1	8.00	84	0.74
Building Construction Phase B	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction Phase B	Welders	1	8.00	46	0.45
Building Construction Phase C	Cranes	1	7.00	231	0.29
Building Construction Phase C	Forklifts	3	8.00	89	0.20
Building Construction Phase C	Generator Sets	1	8.00	84	0.74
Building Construction Phase C	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction Phase C	Welders	1	8.00	46	0.45
Paving Phase B	Pavers	2	8.00	130	0.42
Paving Phase B	Paving Equipment	2	8.00	132	0.36
Paving Phase B	Rollers	2	8.00	80	0.38
Architectural Coating Phase B	Air Compressors	1	6.00	78	0.48
Paving Phase C	Pavers	2	8.00	130	0.42
Paving Phase C	Paving Equipment	2	8.00	132	0.36
Paving Phase C	Rollers	2	8.00	80	0.38
Architectural Coating Phase C	Air Compressors	1	6.00	78	0.48

Trips and VMT

UCI - ICMC - Orange County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition phase A	6	15.00	0.00	32.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation phase A	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading phase A	6	15.00	0.00	2,268.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Phase B	9	497.00	217.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Phase C	9	497.00	217.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving Phase B	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating Phase B	1	99.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving Phase C	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating Phase C	1	99.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

UCI - ICMC - Orange County, Winter

3.2 Demolition phase A - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3445	0.0000	0.3445	0.0522	0.0000	0.0522			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388	0.3445	1.5513	1.8959	0.0522	1.4411	1.4933		3,747.9449	3,747.9449	1.0549		3,774.3174

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0118	0.4116	0.1173	1.1900e-003	0.0279	1.3000e-003	0.0292	7.6300e-003	1.2400e-003	8.8700e-003		132.7761	132.7761	0.0143		133.1333
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0613	0.0360	0.4204	1.5000e-003	0.1677	1.0900e-003	0.1688	0.0445	1.0000e-003	0.0455		149.3748	149.3748	3.2000e-003		149.4548
Total	0.0731	0.4476	0.5377	2.6900e-003	0.1955	2.3900e-003	0.1979	0.0521	2.2400e-003	0.0543		282.1509	282.1509	0.0175		282.5881

UCI - ICMC - Orange County, Winter

3.2 Demolition phase A - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1344	0.0000	0.1344	0.0203	0.0000	0.0203			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388	0.1344	1.5513	1.6857	0.0203	1.4411	1.4614	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0118	0.4116	0.1173	1.1900e-003	0.0260	1.3000e-003	0.0273	7.1600e-003	1.2400e-003	8.4000e-003		132.7761	132.7761	0.0143		133.1333
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0613	0.0360	0.4204	1.5000e-003	0.1546	1.0900e-003	0.1556	0.0413	1.0000e-003	0.0422		149.3748	149.3748	3.2000e-003		149.4548
Total	0.0731	0.4476	0.5377	2.6900e-003	0.1805	2.3900e-003	0.1829	0.0484	2.2400e-003	0.0506		282.1509	282.1509	0.0175		282.5881

UCI - ICMC - Orange County, Winter

3.3 Site Preparation phase A - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116		3,685.6569	3,685.6569	1.1920		3,715.4573

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0736	0.0432	0.5045	1.8000e-003	0.2012	1.3000e-003	0.2025	0.0534	1.2000e-003	0.0546		179.2498	179.2498	3.8400e-003		179.3458
Total	0.0736	0.0432	0.5045	1.8000e-003	0.2012	1.3000e-003	0.2025	0.0534	1.2000e-003	0.0546		179.2498	179.2498	3.8400e-003		179.3458

UCI - ICMC - Orange County, Winter

3.3 Site Preparation phase A - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	7.0458	2.0445	9.0903	3.8730	1.8809	5.7539	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0736	0.0432	0.5045	1.8000e-003	0.1855	1.3000e-003	0.1868	0.0495	1.2000e-003	0.0507		179.2498	179.2498	3.8400e-003		179.3458
Total	0.0736	0.0432	0.5045	1.8000e-003	0.1855	1.3000e-003	0.1868	0.0495	1.2000e-003	0.0507		179.2498	179.2498	3.8400e-003		179.3458

UCI - ICMC - Orange County, Winter

3.4 Grading phase A - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6207	0.0000	6.6207	3.3778	0.0000	3.3778			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
Total	2.2903	24.7367	15.8575	0.0296	6.6207	1.1599	7.7806	3.3778	1.0671	4.4450		2,871.9285	2,871.9285	0.9288		2,895.1495

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5579	19.4456	5.5425	0.0562	1.3162	0.0615	1.3777	0.3603	0.0588	0.4191		6,273.6685	6,273.6685	0.6752		6,290.5492
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0613	0.0360	0.4204	1.5000e-003	0.1677	1.0900e-003	0.1688	0.0445	1.0000e-003	0.0455		149.3748	149.3748	3.2000e-003		149.4548
Total	0.6192	19.4816	5.9629	0.0577	1.4839	0.0626	1.5465	0.4048	0.0598	0.4646		6,423.0433	6,423.0433	0.6784		6,440.0040

UCI - ICMC - Orange County, Winter

3.4 Grading phase A - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.5821	0.0000	2.5821	1.3174	0.0000	1.3174			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
Total	2.2903	24.7367	15.8575	0.0296	2.5821	1.1599	3.7420	1.3174	1.0671	2.3845	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5579	19.4456	5.5425	0.0562	1.2263	0.0615	1.2878	0.3382	0.0588	0.3971		6,273.6685	6,273.6685	0.6752		6,290.5492
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0613	0.0360	0.4204	1.5000e-003	0.1546	1.0900e-003	0.1556	0.0413	1.0000e-003	0.0422		149.3748	149.3748	3.2000e-003		149.4548
Total	0.6192	19.4816	5.9629	0.0577	1.3808	0.0626	1.4434	0.3795	0.0598	0.4393		6,423.0433	6,423.0433	0.6784		6,440.0040

UCI - ICMC - Orange County, Winter

3.5 Building Construction Phase B - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6078	20.3097	6.0570	0.0522	1.3864	0.0439	1.4303	0.3990	0.0420	0.4409		5,689.5012	5,689.5012	0.4797		5,701.4946
Worker	2.0310	1.1927	13.9293	0.0496	5.5553	0.0360	5.5913	1.4733	0.0331	1.5064		4,949.2860	4,949.2860	0.1060		4,951.9355
Total	2.6388	21.5024	19.9863	0.1018	6.9417	0.0798	7.0216	1.8723	0.0751	1.9473		10,638.7872	10,638.7872	0.5857		10,653.4302

UCI - ICMC - Orange County, Winter

3.5 Building Construction Phase B - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6078	20.3097	6.0570	0.0522	1.2974	0.0439	1.3412	0.3771	0.0420	0.4191		5,689.5012	5,689.5012	0.4797		5,701.4946
Worker	2.0310	1.1927	13.9293	0.0496	5.1206	0.0360	5.1566	1.3666	0.0331	1.3997		4,949.2860	4,949.2860	0.1060		4,951.9355
Total	2.6388	21.5024	19.9863	0.1018	6.4180	0.0798	6.4978	1.7437	0.0751	1.8188		10,638.7872	10,638.7872	0.5857		10,653.4302

UCI - ICMC - Orange County, Winter

3.5 Building Construction Phase B - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5715	19.2012	5.8402	0.0516	1.3864	0.0382	1.4246	0.3990	0.0365	0.4355		5,633.0876	5,633.0876	0.4638		5,644.6831
Worker	1.9244	1.0804	12.9806	0.0478	5.5553	0.0353	5.5906	1.4733	0.0325	1.5058		4,766.1245	4,766.1245	0.0962		4,768.5290
Total	2.4959	20.2816	18.8208	0.0994	6.9417	0.0735	7.0152	1.8723	0.0690	1.9412		10,399.2121	10,399.2121	0.5600		10,413.2120

UCI - ICMC - Orange County, Winter

3.5 Building Construction Phase B - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5715	19.2012	5.8402	0.0516	1.2973	0.0382	1.3355	0.3771	0.0365	0.4136		5,633.0876	5,633.0876	0.4638		5,644.6831
Worker	1.9244	1.0804	12.9806	0.0478	5.1206	0.0353	5.1559	1.3666	0.0325	1.3991		4,766.1245	4,766.1245	0.0962		4,768.5290
Total	2.4959	20.2816	18.8208	0.0994	6.4179	0.0735	6.4914	1.7437	0.0690	1.8127		10,399.2121	10,399.2121	0.5600		10,413.2120

UCI - ICMC - Orange County, Winter

3.5 Building Construction Phase B - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4352	14.4531	5.3666	0.0500	1.3864	0.0186	1.4049	0.3990	0.0178	0.4167		5,464.2608	5,464.2608	0.4289		5,474.9823
Worker	1.8279	0.9807	12.0866	0.0459	5.5553	0.0347	5.5900	1.4733	0.0319	1.5052		4,583.1271	4,583.1271	0.0872		4,585.3060
Total	2.2631	15.4339	17.4532	0.0959	6.9417	0.0532	6.9949	1.8722	0.0497	1.9219		10,047.3879	10,047.3879	0.5160		10,060.2882

UCI - ICMC - Orange County, Winter

3.5 Building Construction Phase B - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4352	14.4531	5.3666	0.0500	1.2973	0.0186	1.3159	0.3771	0.0178	0.3949		5,464.2608	5,464.2608	0.4289		5,474.9823
Worker	1.8279	0.9807	12.0866	0.0459	5.1206	0.0347	5.1553	1.3666	0.0319	1.3985		4,583.1271	4,583.1271	0.0872		4,585.3060
Total	2.2631	15.4339	17.4532	0.0959	6.4179	0.0532	6.4711	1.7437	0.0497	1.7934		10,047.3879	10,047.3879	0.5160		10,060.2882

UCI - ICMC - Orange County, Winter

3.6 Building Construction Phase C - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6078	20.3097	6.0570	0.0522	1.3864	0.0439	1.4303	0.3990	0.0420	0.4409		5,689.5012	5,689.5012	0.4797		5,701.4946
Worker	2.0310	1.1927	13.9293	0.0496	5.5553	0.0360	5.5913	1.4733	0.0331	1.5064		4,949.2860	4,949.2860	0.1060		4,951.9355
Total	2.6388	21.5024	19.9863	0.1018	6.9417	0.0798	7.0216	1.8723	0.0751	1.9473		10,638.7872	10,638.7872	0.5857		10,653.4302

UCI - ICMC - Orange County, Winter

3.6 Building Construction Phase C - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6078	20.3097	6.0570	0.0522	1.2974	0.0439	1.3412	0.3771	0.0420	0.4191		5,689.5012	5,689.5012	0.4797		5,701.4946
Worker	2.0310	1.1927	13.9293	0.0496	5.1206	0.0360	5.1566	1.3666	0.0331	1.3997		4,949.2860	4,949.2860	0.1060		4,951.9355
Total	2.6388	21.5024	19.9863	0.1018	6.4180	0.0798	6.4978	1.7437	0.0751	1.8188		10,638.7872	10,638.7872	0.5857		10,653.4302

UCI - ICMC - Orange County, Winter

3.6 Building Construction Phase C - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5715	19.2012	5.8402	0.0516	1.3864	0.0382	1.4246	0.3990	0.0365	0.4355		5,633.0876	5,633.0876	0.4638		5,644.6831
Worker	1.9244	1.0804	12.9806	0.0478	5.5553	0.0353	5.5906	1.4733	0.0325	1.5058		4,766.1245	4,766.1245	0.0962		4,768.5290
Total	2.4959	20.2816	18.8208	0.0994	6.9417	0.0735	7.0152	1.8723	0.0690	1.9412		10,399.2121	10,399.2121	0.5600		10,413.2120

UCI - ICMC - Orange County, Winter

3.6 Building Construction Phase C - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5715	19.2012	5.8402	0.0516	1.2973	0.0382	1.3355	0.3771	0.0365	0.4136		5,633.0876	5,633.0876	0.4638		5,644.6831
Worker	1.9244	1.0804	12.9806	0.0478	5.1206	0.0353	5.1559	1.3666	0.0325	1.3991		4,766.1245	4,766.1245	0.0962		4,768.5290
Total	2.4959	20.2816	18.8208	0.0994	6.4179	0.0735	6.4914	1.7437	0.0690	1.8127		10,399.2121	10,399.2121	0.5600		10,413.2120

UCI - ICMC - Orange County, Winter

3.6 Building Construction Phase C - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4352	14.4531	5.3666	0.0500	1.3864	0.0186	1.4049	0.3990	0.0178	0.4167		5,464.2608	5,464.2608	0.4289		5,474.9823
Worker	1.8279	0.9807	12.0866	0.0459	5.5553	0.0347	5.5900	1.4733	0.0319	1.5052		4,583.1271	4,583.1271	0.0872		4,585.3060
Total	2.2631	15.4339	17.4532	0.0959	6.9417	0.0532	6.9949	1.8722	0.0497	1.9219		10,047.3879	10,047.3879	0.5160		10,060.2882

UCI - ICMC - Orange County, Winter

3.6 Building Construction Phase C - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4352	14.4531	5.3666	0.0500	1.2973	0.0186	1.3159	0.3771	0.0178	0.3949		5,464.2608	5,464.2608	0.4289		5,474.9823
Worker	1.8279	0.9807	12.0866	0.0459	5.1206	0.0347	5.1553	1.3666	0.0319	1.3985		4,583.1271	4,583.1271	0.0872		4,585.3060
Total	2.2631	15.4339	17.4532	0.0959	6.4179	0.0532	6.4711	1.7437	0.0497	1.7934		10,047.3879	10,047.3879	0.5160		10,060.2882

UCI - ICMC - Orange County, Winter

3.7 Paving Phase B - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.5597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.5925	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0552	0.0296	0.3648	1.3900e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		138.3238	138.3238	2.6300e-003		138.3895
Total	0.0552	0.0296	0.3648	1.3900e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		138.3238	138.3238	2.6300e-003		138.3895

UCI - ICMC - Orange County, Winter

3.7 Paving Phase B - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.5597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.5925	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0552	0.0296	0.3648	1.3900e-003	0.1546	1.0500e-003	0.1556	0.0413	9.6000e-004	0.0422		138.3238	138.3238	2.6300e-003		138.3895
Total	0.0552	0.0296	0.3648	1.3900e-003	0.1546	1.0500e-003	0.1556	0.0413	9.6000e-004	0.0422		138.3238	138.3238	2.6300e-003		138.3895

UCI - ICMC - Orange County, Winter

3.8 Architectural Coating Phase B - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	33.9860					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	34.1776	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3641	0.1954	2.4076	9.1500e-003	1.1066	6.9000e-003	1.1135	0.2935	6.3500e-003	0.2998		912.9368	912.9368	0.0174		913.3708
Total	0.3641	0.1954	2.4076	9.1500e-003	1.1066	6.9000e-003	1.1135	0.2935	6.3500e-003	0.2998		912.9368	912.9368	0.0174		913.3708

UCI - ICMC - Orange County, Winter

3.8 Architectural Coating Phase B - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	33.9860					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	34.1776	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3641	0.1954	2.4076	9.1500e-003	1.0200	6.9000e-003	1.0269	0.2722	6.3500e-003	0.2786		912.9368	912.9368	0.0174		913.3708
Total	0.3641	0.1954	2.4076	9.1500e-003	1.0200	6.9000e-003	1.0269	0.2722	6.3500e-003	0.2786		912.9368	912.9368	0.0174		913.3708

UCI - ICMC - Orange County, Winter

3.9 Paving Phase C - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.5597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.5925	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0552	0.0296	0.3648	1.3900e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		138.3238	138.3238	2.6300e-003		138.3895
Total	0.0552	0.0296	0.3648	1.3900e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		138.3238	138.3238	2.6300e-003		138.3895

UCI - ICMC - Orange County, Winter

3.9 Paving Phase C - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.5597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.5925	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0552	0.0296	0.3648	1.3900e-003	0.1546	1.0500e-003	0.1556	0.0413	9.6000e-004	0.0422		138.3238	138.3238	2.6300e-003		138.3895
Total	0.0552	0.0296	0.3648	1.3900e-003	0.1546	1.0500e-003	0.1556	0.0413	9.6000e-004	0.0422		138.3238	138.3238	2.6300e-003		138.3895

UCI - ICMC - Orange County, Winter

3.10 Architectural Coating Phase C - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	33.5953					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	33.7870	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3641	0.1954	2.4076	9.1500e-003	1.1066	6.9000e-003	1.1135	0.2935	6.3500e-003	0.2998		912.9368	912.9368	0.0174		913.3708
Total	0.3641	0.1954	2.4076	9.1500e-003	1.1066	6.9000e-003	1.1135	0.2935	6.3500e-003	0.2998		912.9368	912.9368	0.0174		913.3708

UCI - ICMC - Orange County, Winter

3.10 Architectural Coating Phase C - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	33.5953					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	33.7870	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3641	0.1954	2.4076	9.1500e-003	1.0200	6.9000e-003	1.0269	0.2722	6.3500e-003	0.2786		912.9368	912.9368	0.0174		913.3708
Total	0.3641	0.1954	2.4076	9.1500e-003	1.0200	6.9000e-003	1.0269	0.2722	6.3500e-003	0.2786		912.9368	912.9368	0.0174		913.3708

4.0 Operational Detail - Mobile

UCI - ICMC - Orange County, Winter

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

Implement Trip Reduction Program

Employee Vanpool/Shuttle

Provide Riade Sharing Program

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	18.6166	30.3097	183.4978	0.5751	60.8843	0.3998	61.2841	16.2626	0.3722	16.6348		59,297.13 29	59,297.13 29	3.5620		59,386.18 16
Unmitigated	19.5538	35.6372	215.8300	0.7055	75.0255	0.4849	75.5104	20.0397	0.4516	20.4913		72,739.04 98	72,739.04 98	4.1644		72,843.15 96

4.2 Trip Summary Information

UCI - ICMC - Orange County, Winter

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hospital	2,488.32	1,565.28	1382.40	10,752,699	8,707,071
Medical Office Building	6,061.50	1,503.00	261.00	17,581,417	14,283,771
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unenclosed Parking with Elevator	0.00	0.00	0.00		
Unenclosed Parking with Elevator	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	8,549.82	3,068.28	1,643.40	28,334,116	22,990,842

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Hospital	16.60	8.40	6.90	64.90	16.10	19.00	100	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	100	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unenclosed Parking with	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unenclosed Parking with	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Hospital	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Medical Office Building	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Other Non-Asphalt Surfaces	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Parking Lot	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Unenclosed Parking with Elevator	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Other Asphalt Surfaces	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904

UCI - ICMC - Orange County, Winter

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.4002	3.6385	3.0563	0.0218		0.2765	0.2765		0.2765	0.2765		4,366.1966	4,366.1966	0.0837	0.0801	4,392.1427
NaturalGas Unmitigated	0.7008	6.3706	5.3513	0.0382		0.4842	0.4842		0.4842	0.4842		7,644.7059	7,644.7059	0.1465	0.1402	7,690.1346

UCI - ICMC - Orange County, Winter

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Hospital	59345.8	0.6400	5.8182	4.8873	0.0349		0.4422	0.4422		0.4422	0.4422		6,981.8533	6,981.8533	0.1338	0.1280	7,023.3430
Medical Office Building	5634.25	0.0608	0.5524	0.4640	3.3100e-003		0.0420	0.0420		0.0420	0.0420		662.8525	662.8525	0.0127	0.0122	666.7915
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.7008	6.3706	5.3513	0.0382		0.4842	0.4842		0.4842	0.4842		7,644.7059	7,644.7059	0.1465	0.1402	7,690.1346

UCI - ICMC - Orange County, Winter

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Hospital	34.126	0.3680	3.3457	2.8104	0.0201		0.2543	0.2543		0.2543	0.2543		4,014.8268	4,014.8268	0.0770	0.0736	4,038.6849
Medical Office Building	2.98664	0.0322	0.2928	0.2460	1.7600e-003		0.0223	0.0223		0.0223	0.0223		351.3699	351.3699	6.7300e-003	6.4400e-003	353.4579
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.4002	3.6385	3.0563	0.0218		0.2765	0.2765		0.2765	0.2765		4,366.1966	4,366.1966	0.0837	0.0801	4,392.1427

6.0 Area Detail

6.1 Mitigation Measures Area

UCI - ICMC - Orange County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	12.6690	1.5800e-003	0.1740	1.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004		0.3730	0.3730	9.8000e-004		0.3975
Unmitigated	12.6690	1.5800e-003	0.1740	1.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004		0.3730	0.3730	9.8000e-004		0.3975

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.8008					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	11.8522					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0161	1.5800e-003	0.1740	1.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004		0.3730	0.3730	9.8000e-004		0.3975
Total	12.6690	1.5800e-003	0.1740	1.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004		0.3730	0.3730	9.8000e-004		0.3975

UCI - ICMC - Orange County, Winter

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.8008					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	11.8522					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0161	1.5800e-003	0.1740	1.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004		0.3730	0.3730	9.8000e-004		0.3975
Total	12.6690	1.5800e-003	0.1740	1.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004		0.3730	0.3730	9.8000e-004		0.3975

7.0 Water Detail

7.1 Mitigation Measures Water

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

- Institute Recycling and Composting Services

UCI - ICMC - Orange County, Winter

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
----------------	--------	-----------	-----------	-------------	-------------	-----------

10.0 Stationary Equipment**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	2	1	199	2667	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
Boiler	2	50	18250	75	CNG

User Defined Equipment

Equipment Type	Number
----------------	--------

UCI - ICMC - Orange County, Winter

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Boiler - CNG (75 - 9999 MMBTU)	0.5392	0.6200	9.6080	0.0588		0.7451	0.7451		0.7451	0.7451		11,764.9069	11,764.9069	0.2255		11,770.5442
Emergency Generator - Diesel (750 - 9999 HP)	8.7535	4.2922	22.3195	0.0421		0.1717	0.1717		0.1717	0.1717		4,477.9683	4,477.9683	0.6278		4,493.6636
Total	9.2927	4.9122	31.9275	0.1009		0.9168	0.9168		0.9168	0.9168		16,242.8752	16,242.8752	0.8533		16,264.2079

11.0 Vegetation

UCI - ICMC - Orange County, Annual

UCI - ICMC
Orange County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hospital	144.00	Bed	1.60	360,000.00	0
Medical Office Building	225.00	1000sqft	1.00	225,000.00	0
Other Non-Asphalt Surfaces	0.60	Acre	0.60	26,136.00	0
Parking Lot	4.10	Acre	4.10	178,596.00	0
Unenclosed Parking with Elevator	770.00	Space	1.20	308,000.00	0
Unenclosed Parking with Elevator	560.00	Space	0.80	224,000.00	0
Other Asphalt Surfaces	0.60	Acre	0.60	23,136.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8			Operational Year	2023
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	531.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

UCI - ICMC - Orange County, Annual

Project Characteristics - Adjusted per the SCE 2019 Corporate Responsibility and Sustainability Report. The report provides intensity factor of CO2e, the CO2 intensity factor is calculated as $534-25 \times 0.029-298 \times 0.00617=531.4364$ to avoid double counting.

Land Use - Hospital 144 beds, 360,000 sf (1.6 ac footprint) 7 levels. Clinic 225 tsf (TIA) (1 ac footprint) 6 levels. PkgStructA 770 stalls (1.2 ac footprint) 6 levels. PkgStructB 560 stalls (0.8 ac footprint) 6 levels, 0.6ac temp staging/laydown

Construction Phase - based on construction schedule in PD

Trips and VMT -

Demolition - based on Google Earth

Grading - export 18,141 cubic yards based on earth movement calculations

Architectural Coating - Low VOC Paint - Rule 1113

Vehicle Trips - Adjusted to include internal capture identified in Traffic Study

Area Coating - Rule 1113, low VOC paint

Energy Use -

Water And Wastewater -

Solid Waste -

Construction Off-road Equipment Mitigation - Rule 403

Mobile Land Use Mitigation - 1150 jobs/11.6 acres = 99 jobs/acre

Mobile Commute Mitigation -

Energy Mitigation - LEED Gold certification. 20-30% reduction over Title 24 2019 standard, 2019 standard exceeds 2016 by 30%

Water Mitigation - low flow fixtures

Waste Mitigation - AB 939 - divert at least 50% of solid waste from landfills

Stationary Sources - Emergency Generators and Fire Pumps - Emergency Power Supply System (EPSS) based on similar project

Stationary Sources - Process Boilers -

Stationary Sources - User Defined -

Stationary Sources - Emergency Generators and Fire Pumps EF - 2017 off-road diesel emission factor update, CARB. Rule 1470 AQMD

Fleet Mix - Other Asphalt - temporary construction staging - no operational emissions

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00

UCI - ICMC - Orange County, Annual

tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	230.00	525.00
tblConstructionPhase	NumDays	230.00	612.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDays	20.00	86.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDays	20.00	87.00
tblGrading	MaterialExported	0.00	18,141.00
tblLandUse	LandUseSquareFeet	103,069.09	360,000.00
tblLandUse	LandUseSquareFeet	26,136.00	23,136.00
tblLandUse	LotAcreage	2.37	1.60
tblLandUse	LotAcreage	5.17	1.00
tblLandUse	LotAcreage	6.93	1.20
tblLandUse	LotAcreage	5.04	0.80
tblProjectCharacteristics	CO2IntensityFactor	702.44	531.44
tblStationaryBoilersUse	AnnualHeatInput	0.00	18,250.00
tblStationaryBoilersUse	BoilerRatingValue	0.00	75.00
tblStationaryBoilersUse	DailyHeatInput	0.00	50.00
tblStationaryBoilersUse	NumberOfEquipment	0.00	2.00

UCI - ICMC - Orange County, Annual

tblStationaryGeneratorsPumpsEF	NOX_EF	4.56	0.50
tblStationaryGeneratorsPumpsEF	PM10_EF	0.15	0.02
tblStationaryGeneratorsPumpsEF	PM2_5_EF	0.15	0.02
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	2,667.00
tblStationaryGeneratorsPumpsUse	HoursPerDay	0.00	1.00
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	199.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	2.00
tblTripsAndVMT	VendorTripNumber	220.00	217.00
tblTripsAndVMT	VendorTripNumber	220.00	217.00
tblTripsAndVMT	WorkerTripNumber	506.00	497.00
tblTripsAndVMT	WorkerTripNumber	506.00	497.00
tblTripsAndVMT	WorkerTripNumber	101.00	99.00
tblTripsAndVMT	WorkerTripNumber	101.00	99.00
tblVehicleEF	HHD	0.47	0.03
tblVehicleEF	HHD	0.16	0.14
tblVehicleEF	HHD	0.07	8.0464e-007
tblVehicleEF	HHD	1.51	6.08
tblVehicleEF	HHD	1.25	0.62
tblVehicleEF	HHD	4.18	0.01
tblVehicleEF	HHD	3,872.44	1,027.75
tblVehicleEF	HHD	1,597.37	1,392.67
tblVehicleEF	HHD	13.53	0.08
tblVehicleEF	HHD	13.41	5.31
tblVehicleEF	HHD	1.83	2.44
tblVehicleEF	HHD	19.09	2.48
tblVehicleEF	HHD	0.01	3.0945e-003
tblVehicleEF	HHD	0.06	0.06

UCI - ICMC - Orange County, Annual

tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	6.0810e-003	0.02
tblVehicleEF	HHD	1.2600e-004	1.1940e-006
tblVehicleEF	HHD	0.01	2.9606e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6700e-003	8.7641e-003
tblVehicleEF	HHD	5.8180e-003	0.02
tblVehicleEF	HHD	1.1600e-004	1.0979e-006
tblVehicleEF	HHD	1.1500e-004	4.2641e-006
tblVehicleEF	HHD	4.7550e-003	1.8047e-004
tblVehicleEF	HHD	0.36	0.41
tblVehicleEF	HHD	8.8000e-005	3.0444e-006
tblVehicleEF	HHD	0.08	0.03
tblVehicleEF	HHD	4.2300e-004	8.2428e-004
tblVehicleEF	HHD	0.09	4.2069e-006
tblVehicleEF	HHD	0.03	9.3925e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.0400e-004	7.8953e-007
tblVehicleEF	HHD	1.1500e-004	4.2641e-006
tblVehicleEF	HHD	4.7550e-003	1.8047e-004
tblVehicleEF	HHD	0.44	0.47
tblVehicleEF	HHD	8.8000e-005	3.0444e-006
tblVehicleEF	HHD	0.26	0.17
tblVehicleEF	HHD	4.2300e-004	8.2428e-004
tblVehicleEF	HHD	0.10	4.6061e-006
tblVehicleEF	HHD	0.44	0.03
tblVehicleEF	HHD	0.16	0.14

UCI - ICMC - Orange County, Annual

tblVehicleEF	HHD	0.06	7.7285e-007
tblVehicleEF	HHD	1.10	5.99
tblVehicleEF	HHD	1.26	0.62
tblVehicleEF	HHD	3.98	0.01
tblVehicleEF	HHD	4,102.50	1,016.72
tblVehicleEF	HHD	1,597.37	1,392.67
tblVehicleEF	HHD	13.53	0.08
tblVehicleEF	HHD	13.84	5.09
tblVehicleEF	HHD	1.73	2.31
tblVehicleEF	HHD	19.08	2.48
tblVehicleEF	HHD	0.01	2.6885e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	6.0810e-003	0.02
tblVehicleEF	HHD	1.2600e-004	1.1940e-006
tblVehicleEF	HHD	9.6890e-003	2.5722e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6700e-003	8.7641e-003
tblVehicleEF	HHD	5.8180e-003	0.02
tblVehicleEF	HHD	1.1600e-004	1.0979e-006
tblVehicleEF	HHD	1.6500e-004	6.2418e-006
tblVehicleEF	HHD	4.8480e-003	1.8313e-004
tblVehicleEF	HHD	0.34	0.43
tblVehicleEF	HHD	1.2200e-004	4.4756e-006
tblVehicleEF	HHD	0.08	0.03
tblVehicleEF	HHD	4.0800e-004	8.0826e-004
tblVehicleEF	HHD	0.09	4.0515e-006

UCI - ICMC - Orange County, Annual

tblVehicleEF	HHD	0.04	9.2884e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.0000e-004	7.8176e-007
tblVehicleEF	HHD	1.6500e-004	6.2418e-006
tblVehicleEF	HHD	4.8480e-003	1.8313e-004
tblVehicleEF	HHD	0.42	0.50
tblVehicleEF	HHD	1.2200e-004	4.4756e-006
tblVehicleEF	HHD	0.26	0.17
tblVehicleEF	HHD	4.0800e-004	8.0826e-004
tblVehicleEF	HHD	0.09	4.4359e-006
tblVehicleEF	HHD	0.51	0.03
tblVehicleEF	HHD	0.16	0.14
tblVehicleEF	HHD	0.07	8.1219e-007
tblVehicleEF	HHD	2.08	6.20
tblVehicleEF	HHD	1.25	0.62
tblVehicleEF	HHD	4.22	0.01
tblVehicleEF	HHD	3,554.73	1,042.97
tblVehicleEF	HHD	1,597.37	1,392.67
tblVehicleEF	HHD	13.53	0.08
tblVehicleEF	HHD	12.81	5.62
tblVehicleEF	HHD	1.80	2.40
tblVehicleEF	HHD	19.10	2.48
tblVehicleEF	HHD	0.01	3.6551e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	6.0810e-003	0.02
tblVehicleEF	HHD	1.2600e-004	1.1940e-006

UCI - ICMC - Orange County, Annual

tblVehicleEF	HHD	0.01	3.4970e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6700e-003	8.7641e-003
tblVehicleEF	HHD	5.8180e-003	0.02
tblVehicleEF	HHD	1.1600e-004	1.0979e-006
tblVehicleEF	HHD	1.1300e-004	4.4195e-006
tblVehicleEF	HHD	5.0850e-003	1.9963e-004
tblVehicleEF	HHD	0.39	0.37
tblVehicleEF	HHD	8.8000e-005	3.1681e-006
tblVehicleEF	HHD	0.08	0.03
tblVehicleEF	HHD	4.6100e-004	8.7999e-004
tblVehicleEF	HHD	0.09	4.2430e-006
tblVehicleEF	HHD	0.03	9.5362e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.0400e-004	7.9102e-007
tblVehicleEF	HHD	1.1300e-004	4.4195e-006
tblVehicleEF	HHD	5.0850e-003	1.9963e-004
tblVehicleEF	HHD	0.48	0.44
tblVehicleEF	HHD	8.8000e-005	3.1681e-006
tblVehicleEF	HHD	0.26	0.17
tblVehicleEF	HHD	4.6100e-004	8.7999e-004
tblVehicleEF	HHD	0.10	4.6455e-006
tblVehicleEF	LDA	3.5840e-003	2.0518e-003
tblVehicleEF	LDA	3.9920e-003	0.04
tblVehicleEF	LDA	0.52	0.59
tblVehicleEF	LDA	0.92	1.99
tblVehicleEF	LDA	242.31	249.36

UCI - ICMC - Orange County, Annual

tblVehicleEF	LDA	53.99	51.01
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.05	0.16
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.8390e-003	1.5020e-003
tblVehicleEF	LDA	2.2490e-003	1.7537e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.6950e-003	1.3832e-003
tblVehicleEF	LDA	2.0680e-003	1.6125e-003
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	9.0380e-003	7.5936e-003
tblVehicleEF	LDA	0.04	0.19
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	2.4260e-003	2.4668e-003
tblVehicleEF	LDA	5.5500e-004	5.0480e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.19
tblVehicleEF	LDA	0.06	0.21
tblVehicleEF	LDA	3.7860e-003	2.1852e-003
tblVehicleEF	LDA	3.5910e-003	0.04

UCI - ICMC - Orange County, Annual

tblVehicleEF	LDA	0.56	0.64
tblVehicleEF	LDA	0.80	1.72
tblVehicleEF	LDA	252.48	259.55
tblVehicleEF	LDA	53.99	50.52
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.05	0.15
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.8390e-003	1.5020e-003
tblVehicleEF	LDA	2.2490e-003	1.7537e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.6950e-003	1.3832e-003
tblVehicleEF	LDA	2.0680e-003	1.6125e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	9.5380e-003	8.0161e-003
tblVehicleEF	LDA	0.03	0.18
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.5280e-003	2.5676e-003
tblVehicleEF	LDA	5.5300e-004	4.9989e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.18

UCI - ICMC - Orange County, Annual

tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	3.5150e-003	2.0098e-003
tblVehicleEF	LDA	4.0740e-003	0.04
tblVehicleEF	LDA	0.50	0.57
tblVehicleEF	LDA	0.95	2.05
tblVehicleEF	LDA	238.56	245.60
tblVehicleEF	LDA	53.99	51.12
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.8390e-003	1.5020e-003
tblVehicleEF	LDA	2.2490e-003	1.7537e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.6950e-003	1.3832e-003
tblVehicleEF	LDA	2.0680e-003	1.6125e-003
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	8.8680e-003	7.4511e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	2.3880e-003	2.4296e-003
tblVehicleEF	LDA	5.5600e-004	5.0587e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.09	0.09

UCI - ICMC - Orange County, Annual

tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.06	0.21
tblVehicleEF	LDT1	8.0440e-003	4.7359e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.00	1.03
tblVehicleEF	LDT1	2.24	2.17
tblVehicleEF	LDT1	303.32	296.14
tblVehicleEF	LDT1	67.98	61.59
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.13	0.23
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.3740e-003	1.9816e-003
tblVehicleEF	LDT1	3.0400e-003	2.3129e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.1840e-003	1.8229e-003
tblVehicleEF	LDT1	2.7950e-003	2.1267e-003
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.22	0.17
tblVehicleEF	LDT1	0.09	0.00
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.14	0.58
tblVehicleEF	LDT1	0.15	0.30
tblVehicleEF	LDT1	3.0440e-003	2.9306e-003

UCI - ICMC - Orange County, Annual

tblVehicleEF	LDT1	7.1900e-004	6.0953e-004
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.22	0.17
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.14	0.58
tblVehicleEF	LDT1	0.16	0.32
tblVehicleEF	LDT1	8.4500e-003	5.0088e-003
tblVehicleEF	LDT1	9.9950e-003	0.06
tblVehicleEF	LDT1	1.08	1.11
tblVehicleEF	LDT1	1.93	1.87
tblVehicleEF	LDT1	315.58	306.58
tblVehicleEF	LDT1	67.98	61.02
tblVehicleEF	LDT1	0.08	0.07
tblVehicleEF	LDT1	0.12	0.21
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.3740e-003	1.9816e-003
tblVehicleEF	LDT1	3.0400e-003	2.3129e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.1840e-003	1.8229e-003
tblVehicleEF	LDT1	2.7950e-003	2.1267e-003
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.23	0.17
tblVehicleEF	LDT1	0.13	0.00
tblVehicleEF	LDT1	0.02	0.02

UCI - ICMC - Orange County, Annual

tblVehicleEF	LDT1	0.13	0.53
tblVehicleEF	LDT1	0.13	0.27
tblVehicleEF	LDT1	3.1680e-003	3.0339e-003
tblVehicleEF	LDT1	7.1300e-004	6.0381e-004
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.23	0.17
tblVehicleEF	LDT1	0.13	0.13
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.13	0.53
tblVehicleEF	LDT1	0.15	0.29
tblVehicleEF	LDT1	7.9040e-003	4.6486e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	0.97	0.99
tblVehicleEF	LDT1	2.30	2.23
tblVehicleEF	LDT1	298.79	292.29
tblVehicleEF	LDT1	67.98	61.72
tblVehicleEF	LDT1	0.09	0.07
tblVehicleEF	LDT1	0.13	0.23
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.3740e-003	1.9816e-003
tblVehicleEF	LDT1	3.0400e-003	2.3129e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.1840e-003	1.8229e-003
tblVehicleEF	LDT1	2.7950e-003	2.1267e-003
tblVehicleEF	LDT1	0.11	0.11

UCI - ICMC - Orange County, Annual

tblVehicleEF	LDT1	0.25	0.19
tblVehicleEF	LDT1	0.09	0.00
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.15	0.30
tblVehicleEF	LDT1	2.9980e-003	2.8924e-003
tblVehicleEF	LDT1	7.2000e-004	6.1077e-004
tblVehicleEF	LDT1	0.11	0.11
tblVehicleEF	LDT1	0.25	0.19
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.17	0.33
tblVehicleEF	LDT2	4.9710e-003	3.2951e-003
tblVehicleEF	LDT2	5.3310e-003	0.06
tblVehicleEF	LDT2	0.67	0.79
tblVehicleEF	LDT2	1.19	2.52
tblVehicleEF	LDT2	342.73	317.53
tblVehicleEF	LDT2	76.37	66.48
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.09	0.24
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8340e-003	1.5139e-003
tblVehicleEF	LDT2	2.2690e-003	1.7024e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003

UCI - ICMC - Orange County, Annual

tblVehicleEF	LDT2	1.6860e-003	1.3934e-003
tblVehicleEF	LDT2	2.0860e-003	1.5653e-003
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.38
tblVehicleEF	LDT2	0.07	0.27
tblVehicleEF	LDT2	3.4320e-003	3.1413e-003
tblVehicleEF	LDT2	7.8300e-004	6.5790e-004
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.38
tblVehicleEF	LDT2	0.08	0.30
tblVehicleEF	LDT2	5.2490e-003	3.4997e-003
tblVehicleEF	LDT2	4.8000e-003	0.05
tblVehicleEF	LDT2	0.73	0.86
tblVehicleEF	LDT2	1.03	2.18
tblVehicleEF	LDT2	356.77	327.66
tblVehicleEF	LDT2	76.37	65.84
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.08	0.23
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8340e-003	1.5139e-003

UCI - ICMC - Orange County, Annual

tblVehicleEF	LDT2	2.2690e-003	1.7024e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6860e-003	1.3934e-003
tblVehicleEF	LDT2	2.0860e-003	1.5653e-003
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.35
tblVehicleEF	LDT2	0.06	0.24
tblVehicleEF	LDT2	3.5730e-003	3.2415e-003
tblVehicleEF	LDT2	7.8100e-004	6.5155e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.05	0.35
tblVehicleEF	LDT2	0.07	0.27
tblVehicleEF	LDT2	4.8770e-003	3.2305e-003
tblVehicleEF	LDT2	5.4400e-003	0.06
tblVehicleEF	LDT2	0.65	0.76
tblVehicleEF	LDT2	1.22	2.60
tblVehicleEF	LDT2	337.54	313.79
tblVehicleEF	LDT2	76.37	66.62
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.09	0.25

UCI - ICMC - Orange County, Annual

tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8340e-003	1.5139e-003
tblVehicleEF	LDT2	2.2690e-003	1.7024e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6860e-003	1.3934e-003
tblVehicleEF	LDT2	2.0860e-003	1.5653e-003
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.07	0.28
tblVehicleEF	LDT2	3.3800e-003	3.1043e-003
tblVehicleEF	LDT2	7.8400e-004	6.5929e-004
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.08	0.30
tblVehicleEF	LHD1	5.1440e-003	5.3845e-003
tblVehicleEF	LHD1	8.3180e-003	4.0634e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.19
tblVehicleEF	LHD1	0.64	0.46

UCI - ICMC - Orange County, Annual

tblVehicleEF	LHD1	2.21	1.00
tblVehicleEF	LHD1	9.05	8.94
tblVehicleEF	LHD1	587.85	643.60
tblVehicleEF	LHD1	31.08	11.73
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	1.07	0.65
tblVehicleEF	LHD1	0.93	0.31
tblVehicleEF	LHD1	8.7400e-004	8.1190e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.7537e-003
tblVehicleEF	LHD1	9.7940e-003	6.6438e-003
tblVehicleEF	LHD1	8.1700e-004	2.3220e-004
tblVehicleEF	LHD1	8.3600e-004	7.7678e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5470e-003	2.4384e-003
tblVehicleEF	LHD1	9.3500e-003	6.3321e-003
tblVehicleEF	LHD1	7.5200e-004	2.1350e-004
tblVehicleEF	LHD1	2.5990e-003	2.0069e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.6860e-003	1.3024e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.27	0.42
tblVehicleEF	LHD1	0.22	0.07
tblVehicleEF	LHD1	9.1000e-005	8.6787e-005
tblVehicleEF	LHD1	5.7610e-003	6.2796e-003
tblVehicleEF	LHD1	3.5200e-004	1.1603e-004

UCI - ICMC - Orange County, Annual

tblVehicleEF	LHD1	2.5990e-003	2.0069e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.6860e-003	1.3024e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.27	0.42
tblVehicleEF	LHD1	0.25	0.07
tblVehicleEF	LHD1	5.1440e-003	5.3956e-003
tblVehicleEF	LHD1	8.4720e-003	4.1291e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.19
tblVehicleEF	LHD1	0.65	0.47
tblVehicleEF	LHD1	2.11	0.96
tblVehicleEF	LHD1	9.05	8.94
tblVehicleEF	LHD1	587.85	643.61
tblVehicleEF	LHD1	31.08	11.65
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	1.00	0.61
tblVehicleEF	LHD1	0.90	0.30
tblVehicleEF	LHD1	8.7400e-004	8.1190e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.7537e-003
tblVehicleEF	LHD1	9.7940e-003	6.6438e-003
tblVehicleEF	LHD1	8.1700e-004	2.3220e-004
tblVehicleEF	LHD1	8.3600e-004	7.7678e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5470e-003	2.4384e-003

UCI - ICMC - Orange County, Annual

tblVehicleEF	LHD1	9.3500e-003	6.3321e-003
tblVehicleEF	LHD1	7.5200e-004	2.1350e-004
tblVehicleEF	LHD1	3.6240e-003	2.8071e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.2760e-003	1.7674e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.26	0.40
tblVehicleEF	LHD1	0.22	0.06
tblVehicleEF	LHD1	9.1000e-005	8.6787e-005
tblVehicleEF	LHD1	5.7620e-003	6.2797e-003
tblVehicleEF	LHD1	3.5100e-004	1.1532e-004
tblVehicleEF	LHD1	3.6240e-003	2.8071e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	2.2760e-003	1.7674e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.26	0.40
tblVehicleEF	LHD1	0.24	0.07
tblVehicleEF	LHD1	5.1440e-003	5.3824e-003
tblVehicleEF	LHD1	8.2770e-003	4.0457e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.19
tblVehicleEF	LHD1	0.64	0.46
tblVehicleEF	LHD1	2.22	1.00
tblVehicleEF	LHD1	9.05	8.94
tblVehicleEF	LHD1	587.85	643.59

UCI - ICMC - Orange County, Annual

tblVehicleEF	LHD1	31.08	11.74
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	1.05	0.64
tblVehicleEF	LHD1	0.94	0.31
tblVehicleEF	LHD1	8.7400e-004	8.1190e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.7537e-003
tblVehicleEF	LHD1	9.7940e-003	6.6438e-003
tblVehicleEF	LHD1	8.1700e-004	2.3220e-004
tblVehicleEF	LHD1	8.3600e-004	7.7678e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5470e-003	2.4384e-003
tblVehicleEF	LHD1	9.3500e-003	6.3321e-003
tblVehicleEF	LHD1	7.5200e-004	2.1350e-004
tblVehicleEF	LHD1	2.6790e-003	2.0730e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.7000e-003	1.3162e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.29	0.45
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	9.1000e-005	8.6787e-005
tblVehicleEF	LHD1	5.7610e-003	6.2796e-003
tblVehicleEF	LHD1	3.5300e-004	1.1614e-004
tblVehicleEF	LHD1	2.6790e-003	2.0730e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03

UCI - ICMC - Orange County, Annual

tblVehicleEF	LHD1	1.7000e-003	1.3162e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.29	0.45
tblVehicleEF	LHD1	0.25	0.07
tblVehicleEF	LHD2	3.7290e-003	3.8794e-003
tblVehicleEF	LHD2	3.3120e-003	3.0662e-003
tblVehicleEF	LHD2	7.2560e-003	9.8116e-003
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.29	0.34
tblVehicleEF	LHD2	1.18	0.68
tblVehicleEF	LHD2	13.67	13.53
tblVehicleEF	LHD2	604.69	653.28
tblVehicleEF	LHD2	26.72	9.28
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.64	0.74
tblVehicleEF	LHD2	0.51	0.22
tblVehicleEF	LHD2	1.1580e-003	1.2540e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.8100e-003	9.7310e-003
tblVehicleEF	LHD2	4.1000e-004	1.3374e-004
tblVehicleEF	LHD2	1.1080e-003	1.1997e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6650e-003	2.6360e-003
tblVehicleEF	LHD2	8.4170e-003	9.2961e-003
tblVehicleEF	LHD2	3.7700e-004	1.2297e-004
tblVehicleEF	LHD2	9.7400e-004	1.2825e-003

UCI - ICMC - Orange County, Annual

tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.8200e-004	8.5779e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.07	0.26
tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	1.3400e-004	1.2968e-004
tblVehicleEF	LHD2	5.8880e-003	6.3215e-003
tblVehicleEF	LHD2	2.8800e-004	9.1841e-005
tblVehicleEF	LHD2	9.7400e-004	1.2825e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.8200e-004	8.5779e-004
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.07	0.26
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	3.7290e-003	3.8874e-003
tblVehicleEF	LHD2	3.3450e-003	3.0936e-003
tblVehicleEF	LHD2	7.0320e-003	9.5029e-003
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.29	0.34
tblVehicleEF	LHD2	1.13	0.65
tblVehicleEF	LHD2	13.67	13.53
tblVehicleEF	LHD2	604.69	653.28
tblVehicleEF	LHD2	26.72	9.23
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.61	0.70

UCI - ICMC - Orange County, Annual

tblVehicleEF	LHD2	0.49	0.21
tblVehicleEF	LHD2	1.1580e-003	1.2540e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.8100e-003	9.7310e-003
tblVehicleEF	LHD2	4.1000e-004	1.3374e-004
tblVehicleEF	LHD2	1.1080e-003	1.1997e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6650e-003	2.6360e-003
tblVehicleEF	LHD2	8.4170e-003	9.2961e-003
tblVehicleEF	LHD2	3.7700e-004	1.2297e-004
tblVehicleEF	LHD2	1.3660e-003	1.7960e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	9.2300e-004	1.1646e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.07	0.25
tblVehicleEF	LHD2	0.09	0.05
tblVehicleEF	LHD2	1.3400e-004	1.2968e-004
tblVehicleEF	LHD2	5.8880e-003	6.3216e-003
tblVehicleEF	LHD2	2.8800e-004	9.1357e-005
tblVehicleEF	LHD2	1.3660e-003	1.7960e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.2300e-004	1.1646e-003
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.07	0.25

UCI - ICMC - Orange County, Annual

tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	3.7290e-003	3.8779e-003
tblVehicleEF	LHD2	3.3030e-003	3.0589e-003
tblVehicleEF	LHD2	7.3020e-003	9.8750e-003
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.29	0.34
tblVehicleEF	LHD2	1.18	0.68
tblVehicleEF	LHD2	13.67	13.53
tblVehicleEF	LHD2	604.69	653.27
tblVehicleEF	LHD2	26.72	9.29
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.63	0.73
tblVehicleEF	LHD2	0.51	0.22
tblVehicleEF	LHD2	1.1580e-003	1.2540e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.8100e-003	9.7310e-003
tblVehicleEF	LHD2	4.1000e-004	1.3374e-004
tblVehicleEF	LHD2	1.1080e-003	1.1997e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6650e-003	2.6360e-003
tblVehicleEF	LHD2	8.4170e-003	9.2961e-003
tblVehicleEF	LHD2	3.7700e-004	1.2297e-004
tblVehicleEF	LHD2	9.7300e-004	1.2991e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.7600e-004	8.5089e-004

UCI - ICMC - Orange County, Annual

tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.08	0.28
tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	1.3400e-004	1.2968e-004
tblVehicleEF	LHD2	5.8880e-003	6.3215e-003
tblVehicleEF	LHD2	2.8800e-004	9.1917e-005
tblVehicleEF	LHD2	9.7300e-004	1.2991e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.7600e-004	8.5089e-004
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.08	0.28
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	MCY	0.49	0.35
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.11	18.34
tblVehicleEF	MCY	9.59	8.48
tblVehicleEF	MCY	178.39	214.43
tblVehicleEF	MCY	44.52	59.44
tblVehicleEF	MCY	1.12	1.12
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.2180e-003	2.2005e-003
tblVehicleEF	MCY	3.6330e-003	3.0777e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003

UCI - ICMC - Orange County, Annual

tblVehicleEF	MCY	2.0720e-003	2.0559e-003
tblVehicleEF	MCY	3.4160e-003	2.8938e-003
tblVehicleEF	MCY	1.13	1.15
tblVehicleEF	MCY	0.67	0.69
tblVehicleEF	MCY	0.69	0.71
tblVehicleEF	MCY	2.35	2.37
tblVehicleEF	MCY	0.62	1.91
tblVehicleEF	MCY	2.03	1.80
tblVehicleEF	MCY	2.1510e-003	2.1219e-003
tblVehicleEF	MCY	6.6200e-004	5.8822e-004
tblVehicleEF	MCY	1.13	1.15
tblVehicleEF	MCY	0.67	0.69
tblVehicleEF	MCY	0.69	0.71
tblVehicleEF	MCY	2.93	2.94
tblVehicleEF	MCY	0.62	1.91
tblVehicleEF	MCY	2.21	1.96
tblVehicleEF	MCY	0.48	0.34
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	17.46	17.67
tblVehicleEF	MCY	8.83	7.76
tblVehicleEF	MCY	178.39	213.16
tblVehicleEF	MCY	44.52	57.68
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.2180e-003	2.2005e-003

UCI - ICMC - Orange County, Annual

tblVehicleEF	MCY	3.6330e-003	3.0777e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.0720e-003	2.0559e-003
tblVehicleEF	MCY	3.4160e-003	2.8938e-003
tblVehicleEF	MCY	1.69	1.73
tblVehicleEF	MCY	0.71	0.73
tblVehicleEF	MCY	1.10	1.12
tblVehicleEF	MCY	2.30	2.31
tblVehicleEF	MCY	0.58	1.79
tblVehicleEF	MCY	1.83	1.61
tblVehicleEF	MCY	2.1390e-003	2.1094e-003
tblVehicleEF	MCY	6.4300e-004	5.7079e-004
tblVehicleEF	MCY	1.69	1.73
tblVehicleEF	MCY	0.71	0.73
tblVehicleEF	MCY	1.10	1.12
tblVehicleEF	MCY	2.86	2.87
tblVehicleEF	MCY	0.58	1.79
tblVehicleEF	MCY	1.99	1.75
tblVehicleEF	MCY	0.49	0.35
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.21	18.44
tblVehicleEF	MCY	9.71	8.60
tblVehicleEF	MCY	178.39	214.62
tblVehicleEF	MCY	44.52	59.76
tblVehicleEF	MCY	1.09	1.09
tblVehicleEF	MCY	0.31	0.27

UCI - ICMC - Orange County, Annual

tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.2180e-003	2.2005e-003
tblVehicleEF	MCY	3.6330e-003	3.0777e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.0720e-003	2.0559e-003
tblVehicleEF	MCY	3.4160e-003	2.8938e-003
tblVehicleEF	MCY	1.25	1.27
tblVehicleEF	MCY	0.86	0.88
tblVehicleEF	MCY	0.73	0.75
tblVehicleEF	MCY	2.36	2.38
tblVehicleEF	MCY	0.71	2.20
tblVehicleEF	MCY	2.07	1.84
tblVehicleEF	MCY	2.1530e-003	2.1239e-003
tblVehicleEF	MCY	6.6500e-004	5.9133e-004
tblVehicleEF	MCY	1.25	1.27
tblVehicleEF	MCY	0.86	0.88
tblVehicleEF	MCY	0.73	0.75
tblVehicleEF	MCY	2.94	2.95
tblVehicleEF	MCY	0.71	2.20
tblVehicleEF	MCY	2.25	2.00
tblVehicleEF	MDV	9.1870e-003	4.2220e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.04	0.90
tblVehicleEF	MDV	2.15	2.83
tblVehicleEF	MDV	467.69	393.33

UCI - ICMC - Orange County, Annual

tblVehicleEF	MDV	101.87	80.90
tblVehicleEF	MDV	0.11	0.08
tblVehicleEF	MDV	0.19	0.30
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8820e-003	1.6172e-003
tblVehicleEF	MDV	2.2700e-003	1.7983e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7350e-003	1.4913e-003
tblVehicleEF	MDV	2.0880e-003	1.6536e-003
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.09	0.40
tblVehicleEF	MDV	0.16	0.34
tblVehicleEF	MDV	4.6820e-003	3.8882e-003
tblVehicleEF	MDV	1.0560e-003	8.0061e-004
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.09	0.40
tblVehicleEF	MDV	0.17	0.37
tblVehicleEF	MDV	9.6820e-003	4.4795e-003
tblVehicleEF	MDV	0.01	0.06

UCI - ICMC - Orange County, Annual

tblVehicleEF	MDV	1.13	0.98
tblVehicleEF	MDV	1.86	2.44
tblVehicleEF	MDV	486.30	403.90
tblVehicleEF	MDV	101.87	80.16
tblVehicleEF	MDV	0.10	0.07
tblVehicleEF	MDV	0.18	0.28
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8820e-003	1.6172e-003
tblVehicleEF	MDV	2.2700e-003	1.7983e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7350e-003	1.4913e-003
tblVehicleEF	MDV	2.0880e-003	1.6536e-003
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.09	0.37
tblVehicleEF	MDV	0.14	0.31
tblVehicleEF	MDV	4.8690e-003	3.9928e-003
tblVehicleEF	MDV	1.0510e-003	7.9330e-004
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.09	0.37

UCI - ICMC - Orange County, Annual

tblVehicleEF	MDV	0.16	0.34
tblVehicleEF	MDV	9.0170e-003	4.1396e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.01	0.87
tblVehicleEF	MDV	2.21	2.92
tblVehicleEF	MDV	460.81	389.43
tblVehicleEF	MDV	101.87	81.07
tblVehicleEF	MDV	0.10	0.07
tblVehicleEF	MDV	0.20	0.30
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8820e-003	1.6172e-003
tblVehicleEF	MDV	2.2700e-003	1.7983e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7350e-003	1.4913e-003
tblVehicleEF	MDV	2.0880e-003	1.6536e-003
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.16	0.14
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.11	0.47
tblVehicleEF	MDV	0.16	0.35
tblVehicleEF	MDV	4.6120e-003	3.8496e-003
tblVehicleEF	MDV	1.0570e-003	8.0221e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.16	0.14

UCI - ICMC - Orange County, Annual

tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.47
tblVehicleEF	MDV	0.18	0.38
tblVehicleEF	MH	0.02	7.6349e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.49	0.84
tblVehicleEF	MH	4.71	1.82
tblVehicleEF	MH	1,100.52	1,423.89
tblVehicleEF	MH	56.84	17.32
tblVehicleEF	MH	1.24	1.32
tblVehicleEF	MH	0.70	0.23
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	9.3800e-004	2.2417e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2410e-003	3.3068e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	8.6200e-004	2.0612e-004
tblVehicleEF	MH	0.80	0.67
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.36	0.30
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.02	1.05
tblVehicleEF	MH	0.28	0.08
tblVehicleEF	MH	0.01	0.01

UCI - ICMC - Orange County, Annual

tblVehicleEF	MH	6.5000e-004	1.7144e-004
tblVehicleEF	MH	0.80	0.67
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.36	0.30
tblVehicleEF	MH	0.09	0.06
tblVehicleEF	MH	0.02	1.05
tblVehicleEF	MH	0.30	0.09
tblVehicleEF	MH	0.02	7.7851e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.53	0.86
tblVehicleEF	MH	4.46	1.73
tblVehicleEF	MH	1,100.52	1,423.92
tblVehicleEF	MH	56.84	17.17
tblVehicleEF	MH	1.16	1.23
tblVehicleEF	MH	0.67	0.22
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	9.3800e-004	2.2417e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2410e-003	3.3068e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	8.6200e-004	2.0612e-004
tblVehicleEF	MH	1.07	0.91
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.48	0.41
tblVehicleEF	MH	0.07	0.05

UCI - ICMC - Orange County, Annual

tblVehicleEF	MH	0.02	1.02
tblVehicleEF	MH	0.27	0.08
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.4600e-004	1.6988e-004
tblVehicleEF	MH	1.07	0.91
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.48	0.41
tblVehicleEF	MH	0.09	0.07
tblVehicleEF	MH	0.02	1.02
tblVehicleEF	MH	0.29	0.09
tblVehicleEF	MH	0.02	7.5897e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.48	0.83
tblVehicleEF	MH	4.74	1.83
tblVehicleEF	MH	1,100.52	1,423.88
tblVehicleEF	MH	56.84	17.35
tblVehicleEF	MH	1.22	1.29
tblVehicleEF	MH	0.71	0.23
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	9.3800e-004	2.2417e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2410e-003	3.3068e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	8.6200e-004	2.0612e-004
tblVehicleEF	MH	0.87	0.73

UCI - ICMC - Orange County, Annual

tblVehicleEF	MH	0.07	0.06
tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.02	1.11
tblVehicleEF	MH	0.28	0.08
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.5100e-004	1.7170e-004
tblVehicleEF	MH	0.87	0.73
tblVehicleEF	MH	0.07	0.06
tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.09	0.06
tblVehicleEF	MH	0.02	1.11
tblVehicleEF	MH	0.30	0.09
tblVehicleEF	MHD	0.02	4.7658e-003
tblVehicleEF	MHD	2.9430e-003	1.3812e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.33	0.39
tblVehicleEF	MHD	0.26	0.19
tblVehicleEF	MHD	5.08	1.21
tblVehicleEF	MHD	141.00	53.16
tblVehicleEF	MHD	1,129.46	1,011.60
tblVehicleEF	MHD	58.21	12.50
tblVehicleEF	MHD	0.36	0.25
tblVehicleEF	MHD	0.69	0.95
tblVehicleEF	MHD	10.82	1.53
tblVehicleEF	MHD	7.6000e-005	1.9781e-004
tblVehicleEF	MHD	0.13	0.13

UCI - ICMC - Orange County, Annual

tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.7910e-003	5.6976e-003
tblVehicleEF	MHD	7.2300e-004	1.1541e-004
tblVehicleEF	MHD	7.2000e-005	1.8926e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.6680e-003	5.4456e-003
tblVehicleEF	MHD	6.6500e-004	1.0611e-004
tblVehicleEF	MHD	9.9700e-004	4.8129e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.7900e-004	3.4273e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.31	0.06
tblVehicleEF	MHD	1.3570e-003	5.0631e-004
tblVehicleEF	MHD	0.01	9.6794e-003
tblVehicleEF	MHD	6.7100e-004	1.2371e-004
tblVehicleEF	MHD	9.9700e-004	4.8129e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	6.7900e-004	3.4273e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.34	0.06
tblVehicleEF	MHD	0.01	4.5191e-003
tblVehicleEF	MHD	2.9770e-003	1.4067e-003

UCI - ICMC - Orange County, Annual

tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.24	0.32
tblVehicleEF	MHD	0.26	0.19
tblVehicleEF	MHD	4.84	1.16
tblVehicleEF	MHD	149.34	53.14
tblVehicleEF	MHD	1,129.46	1,011.61
tblVehicleEF	MHD	58.21	12.40
tblVehicleEF	MHD	0.37	0.24
tblVehicleEF	MHD	0.65	0.90
tblVehicleEF	MHD	10.79	1.52
tblVehicleEF	MHD	6.4000e-005	1.6898e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.7910e-003	5.6976e-003
tblVehicleEF	MHD	7.2300e-004	1.1541e-004
tblVehicleEF	MHD	6.1000e-005	1.6167e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.6680e-003	5.4456e-003
tblVehicleEF	MHD	6.6500e-004	1.0611e-004
tblVehicleEF	MHD	1.4050e-003	6.7948e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	9.3200e-004	4.6860e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.30	0.06

UCI - ICMC - Orange County, Annual

tblVehicleEF	MHD	1.4350e-003	5.0631e-004
tblVehicleEF	MHD	0.01	9.6795e-003
tblVehicleEF	MHD	6.6700e-004	1.2274e-004
tblVehicleEF	MHD	1.4050e-003	6.7948e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	9.3200e-004	4.6860e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.33	0.06
tblVehicleEF	MHD	0.02	5.1223e-003
tblVehicleEF	MHD	2.9330e-003	1.3724e-003
tblVehicleEF	MHD	0.05	0.01
tblVehicleEF	MHD	0.46	0.48
tblVehicleEF	MHD	0.26	0.19
tblVehicleEF	MHD	5.12	1.22
tblVehicleEF	MHD	129.46	53.18
tblVehicleEF	MHD	1,129.46	1,011.60
tblVehicleEF	MHD	58.21	12.52
tblVehicleEF	MHD	0.34	0.26
tblVehicleEF	MHD	0.68	0.93
tblVehicleEF	MHD	10.83	1.53
tblVehicleEF	MHD	9.2000e-005	2.3763e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.7910e-003	5.6976e-003
tblVehicleEF	MHD	7.2300e-004	1.1541e-004

UCI - ICMC - Orange County, Annual

tblVehicleEF	MHD	8.8000e-005	2.2735e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.6680e-003	5.4456e-003
tblVehicleEF	MHD	6.6500e-004	1.0611e-004
tblVehicleEF	MHD	1.0150e-003	4.7978e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.8500e-004	3.4117e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.11
tblVehicleEF	MHD	0.32	0.06
tblVehicleEF	MHD	1.2480e-003	5.0623e-004
tblVehicleEF	MHD	0.01	9.6794e-003
tblVehicleEF	MHD	6.7200e-004	1.2390e-004
tblVehicleEF	MHD	1.0150e-003	4.7978e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.8500e-004	3.4117e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.11
tblVehicleEF	MHD	0.35	0.06
tblVehicleEF	OBUS	0.01	8.6761e-003
tblVehicleEF	OBUS	5.8760e-003	4.8662e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.55
tblVehicleEF	OBUS	0.43	0.61

UCI - ICMC - Orange County, Annual

tblVehicleEF	OBUS	5.05	2.32
tblVehicleEF	OBUS	76.29	77.70
tblVehicleEF	OBUS	1,208.63	1,354.39
tblVehicleEF	OBUS	69.33	19.82
tblVehicleEF	OBUS	0.15	0.29
tblVehicleEF	OBUS	0.55	0.97
tblVehicleEF	OBUS	1.99	0.75
tblVehicleEF	OBUS	1.4000e-005	9.7570e-005
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.3250e-003	6.0792e-003
tblVehicleEF	OBUS	8.7700e-004	1.9850e-004
tblVehicleEF	OBUS	1.3000e-005	9.3349e-005
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.2060e-003	5.8002e-003
tblVehicleEF	OBUS	8.0600e-004	1.8251e-004
tblVehicleEF	OBUS	1.3670e-003	1.7572e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.5000e-004	9.4778e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.04	0.23
tblVehicleEF	OBUS	0.32	0.11
tblVehicleEF	OBUS	7.4000e-004	7.4054e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8200e-004	1.9609e-004

UCI - ICMC - Orange County, Annual

tblVehicleEF	OBUS	1.3670e-003	1.7572e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	7.5000e-004	9.4778e-004
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.04	0.23
tblVehicleEF	OBUS	0.35	0.12
tblVehicleEF	OBUS	0.01	8.7517e-003
tblVehicleEF	OBUS	5.9810e-003	4.9687e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.55
tblVehicleEF	OBUS	0.43	0.62
tblVehicleEF	OBUS	4.79	2.20
tblVehicleEF	OBUS	79.82	76.85
tblVehicleEF	OBUS	1,208.63	1,354.41
tblVehicleEF	OBUS	69.33	19.61
tblVehicleEF	OBUS	0.16	0.28
tblVehicleEF	OBUS	0.51	0.91
tblVehicleEF	OBUS	1.96	0.74
tblVehicleEF	OBUS	1.2000e-005	8.6697e-005
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.3250e-003	6.0792e-003
tblVehicleEF	OBUS	8.7700e-004	1.9850e-004
tblVehicleEF	OBUS	1.1000e-005	8.2947e-005
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003

UCI - ICMC - Orange County, Annual

tblVehicleEF	OBUS	2.2060e-003	5.8002e-003
tblVehicleEF	OBUS	8.0600e-004	1.8251e-004
tblVehicleEF	OBUS	1.8810e-003	2.4024e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.0260e-003	1.2829e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	7.7400e-004	7.3248e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7700e-004	1.9409e-004
tblVehicleEF	OBUS	1.8810e-003	2.4024e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	1.0260e-003	1.2829e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.33	0.12
tblVehicleEF	OBUS	0.01	8.5929e-003
tblVehicleEF	OBUS	5.8450e-003	4.8362e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.56
tblVehicleEF	OBUS	0.43	0.60
tblVehicleEF	OBUS	5.09	2.34
tblVehicleEF	OBUS	71.43	78.88
tblVehicleEF	OBUS	1,208.63	1,354.38

UCI - ICMC - Orange County, Annual

tblVehicleEF	OBUS	69.33	19.85
tblVehicleEF	OBUS	0.15	0.31
tblVehicleEF	OBUS	0.54	0.96
tblVehicleEF	OBUS	2.00	0.75
tblVehicleEF	OBUS	1.7000e-005	1.1258e-004
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.3250e-003	6.0792e-003
tblVehicleEF	OBUS	8.7700e-004	1.9850e-004
tblVehicleEF	OBUS	1.6000e-005	1.0771e-004
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.2060e-003	5.8002e-003
tblVehicleEF	OBUS	8.0600e-004	1.8251e-004
tblVehicleEF	OBUS	1.3790e-003	1.7846e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.4200e-004	9.4326e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.04	0.24
tblVehicleEF	OBUS	0.32	0.11
tblVehicleEF	OBUS	6.9400e-004	7.5167e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8300e-004	1.9642e-004
tblVehicleEF	OBUS	1.3790e-003	1.7846e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.06

UCI - ICMC - Orange County, Annual

tblVehicleEF	OBUS	7.4200e-004	9.4326e-004
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.04	0.24
tblVehicleEF	OBUS	0.35	0.13
tblVehicleEF	SBUS	0.84	0.08
tblVehicleEF	SBUS	0.02	9.9036e-003
tblVehicleEF	SBUS	0.08	7.9001e-003
tblVehicleEF	SBUS	8.38	3.16
tblVehicleEF	SBUS	1.03	0.90
tblVehicleEF	SBUS	8.97	1.09
tblVehicleEF	SBUS	1,100.64	359.03
tblVehicleEF	SBUS	1,073.61	1,094.78
tblVehicleEF	SBUS	56.82	6.39
tblVehicleEF	SBUS	8.42	3.59
tblVehicleEF	SBUS	3.91	5.50
tblVehicleEF	SBUS	11.93	0.68
tblVehicleEF	SBUS	8.0260e-003	5.0547e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.8700e-004	7.2110e-005
tblVehicleEF	SBUS	7.6790e-003	4.8360e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6630e-003	2.6315e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.0700e-004	6.6302e-005
tblVehicleEF	SBUS	3.3970e-003	1.1280e-003

UCI - ICMC - Orange County, Annual

tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.00	0.38
tblVehicleEF	SBUS	1.9330e-003	6.2414e-004
tblVehicleEF	SBUS	0.11	0.12
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.47	0.05
tblVehicleEF	SBUS	0.01	3.4304e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	7.2400e-004	6.3230e-005
tblVehicleEF	SBUS	3.3970e-003	1.1280e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.44	0.54
tblVehicleEF	SBUS	1.9330e-003	6.2414e-004
tblVehicleEF	SBUS	0.14	0.14
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.52	0.05
tblVehicleEF	SBUS	0.84	0.08
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.07	7.0991e-003
tblVehicleEF	SBUS	8.27	3.12
tblVehicleEF	SBUS	1.04	0.91
tblVehicleEF	SBUS	7.41	0.90
tblVehicleEF	SBUS	1,149.38	368.93
tblVehicleEF	SBUS	1,073.61	1,094.80
tblVehicleEF	SBUS	56.82	6.07
tblVehicleEF	SBUS	8.69	3.69
tblVehicleEF	SBUS	3.69	5.19

UCI - ICMC - Orange County, Annual

tblVehicleEF	SBUS	11.90	0.68
tblVehicleEF	SBUS	6.7660e-003	4.2669e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.8700e-004	7.2110e-005
tblVehicleEF	SBUS	6.4740e-003	4.0823e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6630e-003	2.6315e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.0700e-004	6.6302e-005
tblVehicleEF	SBUS	4.6630e-003	1.5458e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.00	0.38
tblVehicleEF	SBUS	2.6350e-003	8.4887e-004
tblVehicleEF	SBUS	0.11	0.12
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.42	0.04
tblVehicleEF	SBUS	0.01	3.5240e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.9700e-004	6.0101e-005
tblVehicleEF	SBUS	4.6630e-003	1.5458e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.44	0.54
tblVehicleEF	SBUS	2.6350e-003	8.4887e-004
tblVehicleEF	SBUS	0.14	0.14
tblVehicleEF	SBUS	0.01	0.06

UCI - ICMC - Orange County, Annual

tblVehicleEF	SBUS	0.46	0.05
tblVehicleEF	SBUS	0.84	0.08
tblVehicleEF	SBUS	0.02	9.8706e-003
tblVehicleEF	SBUS	0.08	8.0150e-003
tblVehicleEF	SBUS	8.52	3.21
tblVehicleEF	SBUS	1.02	0.89
tblVehicleEF	SBUS	9.12	1.11
tblVehicleEF	SBUS	1,033.33	345.35
tblVehicleEF	SBUS	1,073.61	1,094.77
tblVehicleEF	SBUS	56.82	6.42
tblVehicleEF	SBUS	8.05	3.46
tblVehicleEF	SBUS	3.84	5.41
tblVehicleEF	SBUS	11.94	0.68
tblVehicleEF	SBUS	9.7670e-003	6.1427e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.8700e-004	7.2110e-005
tblVehicleEF	SBUS	9.3440e-003	5.8770e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6630e-003	2.6315e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.0700e-004	6.6302e-005
tblVehicleEF	SBUS	3.3440e-003	1.1181e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.00	0.38
tblVehicleEF	SBUS	1.8840e-003	6.0675e-004

UCI - ICMC - Orange County, Annual

tblVehicleEF	SBUS	0.11	0.12
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.48	0.05
tblVehicleEF	SBUS	0.01	3.3012e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	7.2600e-004	6.3529e-005
tblVehicleEF	SBUS	3.3440e-003	1.1181e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.45	0.54
tblVehicleEF	SBUS	1.8840e-003	6.0675e-004
tblVehicleEF	SBUS	0.14	0.14
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.52	0.05
tblVehicleEF	UBUS	1.69	5.27
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	8.06	41.13
tblVehicleEF	UBUS	12.43	1.81
tblVehicleEF	UBUS	1,803.73	2,036.06
tblVehicleEF	UBUS	136.85	20.35
tblVehicleEF	UBUS	3.94	0.44
tblVehicleEF	UBUS	13.12	0.17
tblVehicleEF	UBUS	0.52	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.03	3.0694e-003
tblVehicleEF	UBUS	1.2820e-003	1.7020e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003

UCI - ICMC - Orange County, Annual

tblVehicleEF	UBUS	0.03	2.9232e-003
tblVehicleEF	UBUS	1.1780e-003	1.5649e-004
tblVehicleEF	UBUS	5.8750e-003	8.5879e-004
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	3.5880e-003	6.5275e-004
tblVehicleEF	UBUS	0.44	0.08
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	0.94	0.10
tblVehicleEF	UBUS	8.5770e-003	3.8203e-003
tblVehicleEF	UBUS	1.5920e-003	2.0134e-004
tblVehicleEF	UBUS	5.8750e-003	8.5879e-004
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	3.5880e-003	6.5275e-004
tblVehicleEF	UBUS	2.18	5.39
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.03	0.11
tblVehicleEF	UBUS	1.69	5.27
tblVehicleEF	UBUS	0.06	0.02
tblVehicleEF	UBUS	8.11	41.13
tblVehicleEF	UBUS	10.96	1.61
tblVehicleEF	UBUS	1,803.73	2,036.06
tblVehicleEF	UBUS	136.85	20.00
tblVehicleEF	UBUS	3.69	0.44
tblVehicleEF	UBUS	13.05	0.16
tblVehicleEF	UBUS	0.52	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.03	3.0694e-003

UCI - ICMC - Orange County, Annual

tblVehicleEF	UBUS	1.2820e-003	1.7020e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003
tblVehicleEF	UBUS	0.03	2.9232e-003
tblVehicleEF	UBUS	1.1780e-003	1.5649e-004
tblVehicleEF	UBUS	7.8850e-003	1.1874e-003
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	4.7730e-003	9.0804e-004
tblVehicleEF	UBUS	0.44	0.08
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	0.87	0.09
tblVehicleEF	UBUS	8.5780e-003	3.8204e-003
tblVehicleEF	UBUS	1.5670e-003	1.9788e-004
tblVehicleEF	UBUS	7.8850e-003	1.1874e-003
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	4.7730e-003	9.0804e-004
tblVehicleEF	UBUS	2.18	5.39
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	0.95	0.10
tblVehicleEF	UBUS	1.69	5.27
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	8.05	41.13
tblVehicleEF	UBUS	12.68	1.85
tblVehicleEF	UBUS	1,803.73	2,036.05
tblVehicleEF	UBUS	136.85	20.41
tblVehicleEF	UBUS	3.86	0.44
tblVehicleEF	UBUS	13.14	0.17

UCI - ICMC - Orange County, Annual

tblVehicleEF	UBUS	0.52	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.03	3.0694e-003
tblVehicleEF	UBUS	1.2820e-003	1.7020e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003
tblVehicleEF	UBUS	0.03	2.9232e-003
tblVehicleEF	UBUS	1.1780e-003	1.5649e-004
tblVehicleEF	UBUS	6.5460e-003	8.7770e-004
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.7380e-003	6.3665e-004
tblVehicleEF	UBUS	0.43	0.08
tblVehicleEF	UBUS	0.04	0.08
tblVehicleEF	UBUS	0.95	0.10
tblVehicleEF	UBUS	8.5770e-003	3.8203e-003
tblVehicleEF	UBUS	1.5960e-003	2.0197e-004
tblVehicleEF	UBUS	6.5460e-003	8.7770e-004
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.7380e-003	6.3665e-004
tblVehicleEF	UBUS	2.17	5.39
tblVehicleEF	UBUS	0.04	0.08
tblVehicleEF	UBUS	1.04	0.11
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PB_TP	10.00	0.00
tblVehicleTrips	PR_TP	73.00	100.00

UCI - ICMC - Orange County, Annual

tblVehicleTrips	PR_TP	60.00	100.00
tblVehicleTrips	ST_TR	8.14	10.87
tblVehicleTrips	ST_TR	8.96	6.68
tblVehicleTrips	SU_TR	7.19	9.60
tblVehicleTrips	SU_TR	1.55	1.16
tblVehicleTrips	WD_TR	12.94	17.28
tblVehicleTrips	WD_TR	36.13	26.94

2.0 Emissions Summary

UCI - ICMC - Orange County, Annual

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.6779	6.5001	5.6022	0.0195	1.1389	0.1842	1.3231	0.3564	0.1724	0.5288	0.0000	1,816.482 2	1,816.482 2	0.1828	0.0000	1,821.051 2
2022	1.0362	9.4285	9.1688	0.0332	1.7738	0.2292	2.0030	0.4792	0.2156	0.6948	0.0000	3,091.949 5	3,091.949 5	0.2740	0.0000	3,098.800 5
2023	3.6335	5.5709	6.5682	0.0232	1.2813	0.1485	1.4298	0.3457	0.1398	0.4854	0.0000	2,148.666 0	2,148.666 0	0.1926	0.0000	2,153.481 8
Maximum	3.6335	9.4285	9.1688	0.0332	1.7738	0.2292	2.0030	0.4792	0.2156	0.6948	0.0000	3,091.949 5	3,091.949 5	0.2740	0.0000	3,098.800 5

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.6779	6.5001	5.6022	0.0195	0.9501	0.1842	1.1343	0.2775	0.1724	0.4499	0.0000	1,816.481 7	1,816.481 7	0.1828	0.0000	1,821.050 7
2022	1.0362	9.4285	9.1688	0.0332	1.6404	0.2292	1.8696	0.4464	0.2156	0.6621	0.0000	3,091.948 8	3,091.948 8	0.2740	0.0000	3,098.799 8
2023	3.6335	5.5709	6.5682	0.0232	1.1846	0.1485	1.3331	0.3220	0.1398	0.4617	0.0000	2,148.665 4	2,148.665 4	0.1926	0.0000	2,153.481 2
Maximum	3.6335	9.4285	9.1688	0.0332	1.6404	0.2292	1.8696	0.4464	0.2156	0.6621	0.0000	3,091.948 8	3,091.948 8	0.2740	0.0000	3,098.799 8

UCI - ICMC - Orange County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	9.99	0.00	8.81	11.46	0.00	7.92	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	4-5-2021	7-4-2021	1.4674	1.4674
2	7-5-2021	10-4-2021	2.8364	2.8364
3	10-5-2021	1-4-2022	2.8472	2.8472
4	1-5-2022	4-4-2022	2.5770	2.5770
5	4-5-2022	7-4-2022	2.5873	2.5873
6	7-5-2022	10-4-2022	2.6166	2.6166
7	10-5-2022	1-4-2023	2.6336	2.6336
8	1-5-2023	4-4-2023	3.0881	3.0881
9	4-5-2023	7-4-2023	3.0340	3.0340
10	7-5-2023	9-30-2023	2.1684	2.1684
		Highest	3.0881	3.0881

UCI - ICMC - Orange County, Annual

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.3112	2.0000e-004	0.0218	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0423	0.0423	1.1000e-004	0.0000	0.0451
Energy	0.1279	1.1626	0.9766	6.9800e-003		0.0884	0.0884		0.0884	0.0884	0.0000	3,662.9169	3,662.9169	0.1551	0.0503	3,681.7739
Mobile	2.6866	5.2388	31.7819	0.1036	10.7273	0.0704	10.7977	2.8695	0.0656	2.9351	0.0000	9,689.2897	9,689.2897	0.5471	0.0000	9,702.9659
Stationary	0.9694	0.5402	3.9743	0.0149		0.1531	0.1531		0.1531	0.1531	0.0000	2,352.0156	2,352.0156	0.0940	0.0000	2,354.3656
Waste						0.0000	0.0000		0.0000	0.0000	578.6217	0.0000	578.6217	34.1956	0.0000	1,433.5107
Water						0.0000	0.0000		0.0000	0.0000	13.0602	150.2128	163.2730	1.3496	0.0334	206.9571
Total	6.0950	6.9418	36.7545	0.1255	10.7273	0.3119	11.0392	2.8695	0.3071	3.1766	591.6818	15,854.4773	16,446.1591	36.3414	0.0836	17,379.6183

UCI - ICMC - Orange County, Annual

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.3112	2.0000e-004	0.0218	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0423	0.0423	1.1000e-004	0.0000	0.0451
Energy	0.0730	0.6640	0.5578	3.9800e-003		0.0505	0.0505		0.0505	0.0505	0.0000	2,688.2269	2,688.2269	0.1211	0.0354	2,701.8161
Mobile	2.5492	4.4468	26.9577	0.0845	8.7043	0.0580	8.7624	2.3284	0.0540	2.3824	0.0000	7,896.9998	7,896.9998	0.4673	0.0000	7,908.6827
Stationary	0.9694	0.5402	3.9743	0.0149		0.1531	0.1531		0.1531	0.1531	0.0000	2,352.0156	2,352.0156	0.0940	0.0000	2,354.3656
Waste						0.0000	0.0000		0.0000	0.0000	289.3108	0.0000	289.3108	17.0978	0.0000	716.7554
Water						0.0000	0.0000		0.0000	0.0000	10.4481	123.0892	133.5374	1.0798	0.0267	168.4984
Total	5.9028	5.6512	31.5115	0.1034	8.7043	0.2617	8.9660	2.3284	0.2577	2.5860	299.7590	13,060.3738	13,360.1328	18.8602	0.0622	13,850.1633

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	3.15	18.59	14.27	17.66	18.86	16.12	18.78	18.86	16.10	18.59	49.34	17.62	18.76	48.10	25.67	20.31

3.0 Construction Detail

Construction Phase

UCI - ICMC - Orange County, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition phase A	Demolition	4/5/2021	4/30/2021	5	20	
2	Site Preparation phase A	Site Preparation	5/1/2021	5/14/2021	5	10	
3	Grading phase A	Grading	5/15/2021	6/25/2021	5	30	
4	Building Construction Phase B	Building Construction	6/28/2021	6/30/2023	5	525	
5	Building Construction Phase C	Building Construction	6/28/2021	10/31/2023	5	612	
6	Paving Phase B	Paving	1/1/2023	1/31/2023	5	22	
7	Architectural Coating Phase B	Architectural Coating	2/1/2023	5/31/2023	5	86	
8	Paving Phase C	Paving	6/1/2023	6/30/2023	5	22	
9	Architectural Coating Phase C	Architectural Coating	7/1/2023	10/31/2023	5	87	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 7.3

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 877,500; Non-Residential Outdoor: 292,500; Striped Parking Area: 45,592 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition phase A	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition phase A	Excavators	3	8.00	158	0.38
Demolition phase A	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation phase A	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation phase A	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading phase A	Excavators	1	8.00	158	0.38
Grading phase A	Graders	1	8.00	187	0.41

UCI - ICMC - Orange County, Annual

Grading phase A	Rubber Tired Dozers	1	8.00	247	0.40
Grading phase A	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction Phase B	Cranes	1	7.00	231	0.29
Building Construction Phase B	Forklifts	3	8.00	89	0.20
Building Construction Phase B	Generator Sets	1	8.00	84	0.74
Building Construction Phase B	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction Phase B	Welders	1	8.00	46	0.45
Building Construction Phase C	Cranes	1	7.00	231	0.29
Building Construction Phase C	Forklifts	3	8.00	89	0.20
Building Construction Phase C	Generator Sets	1	8.00	84	0.74
Building Construction Phase C	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction Phase C	Welders	1	8.00	46	0.45
Paving Phase B	Pavers	2	8.00	130	0.42
Paving Phase B	Paving Equipment	2	8.00	132	0.36
Paving Phase B	Rollers	2	8.00	80	0.38
Architectural Coating Phase B	Air Compressors	1	6.00	78	0.48
Paving Phase C	Pavers	2	8.00	130	0.42
Paving Phase C	Paving Equipment	2	8.00	132	0.36
Paving Phase C	Rollers	2	8.00	80	0.38
Architectural Coating Phase C	Air Compressors	1	6.00	78	0.48

Trips and VMT

UCI - ICMC - Orange County, Annual

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition phase A	6	15.00	0.00	32.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation phase A	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading phase A	6	15.00	0.00	2,268.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Phase B	9	497.00	217.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Phase C	9	497.00	217.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving Phase B	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating Phase B	1	99.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving Phase C	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating Phase C	1	99.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

UCI - ICMC - Orange County, Annual

3.2 Demolition phase A - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.4500e-003	0.0000	3.4500e-003	5.2000e-004	0.0000	5.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0317	0.3144	0.2157	3.9000e-004		0.0155	0.0155		0.0144	0.0144	0.0000	34.0008	34.0008	9.5700e-003	0.0000	34.2400
Total	0.0317	0.3144	0.2157	3.9000e-004	3.4500e-003	0.0155	0.0190	5.2000e-004	0.0144	0.0149	0.0000	34.0008	34.0008	9.5700e-003	0.0000	34.2400

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.2000e-004	4.1900e-003	1.1400e-003	1.0000e-005	2.7000e-004	1.0000e-005	2.9000e-004	8.0000e-005	1.0000e-005	9.0000e-005	0.0000	1.2153	1.2153	1.3000e-004	0.0000	1.2185
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.5000e-004	3.7000e-004	4.3100e-003	2.0000e-005	1.6500e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.3758	1.3758	3.0000e-005	0.0000	1.3765
Total	6.7000e-004	4.5600e-003	5.4500e-003	3.0000e-005	1.9200e-003	2.0000e-005	1.9500e-003	5.2000e-004	2.0000e-005	5.4000e-004	0.0000	2.5911	2.5911	1.6000e-004	0.0000	2.5950

UCI - ICMC - Orange County, Annual

3.2 Demolition phase A - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3400e-003	0.0000	1.3400e-003	2.0000e-004	0.0000	2.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0317	0.3144	0.2157	3.9000e-004		0.0155	0.0155		0.0144	0.0144	0.0000	34.0007	34.0007	9.5700e-003	0.0000	34.2400
Total	0.0317	0.3144	0.2157	3.9000e-004	1.3400e-003	0.0155	0.0169	2.0000e-004	0.0144	0.0146	0.0000	34.0007	34.0007	9.5700e-003	0.0000	34.2400

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.2000e-004	4.1900e-003	1.1400e-003	1.0000e-005	2.6000e-004	1.0000e-005	2.7000e-004	7.0000e-005	1.0000e-005	8.0000e-005	0.0000	1.2153	1.2153	1.3000e-004	0.0000	1.2185
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.5000e-004	3.7000e-004	4.3100e-003	2.0000e-005	1.5200e-003	1.0000e-005	1.5300e-003	4.1000e-004	1.0000e-005	4.2000e-004	0.0000	1.3758	1.3758	3.0000e-005	0.0000	1.3765
Total	6.7000e-004	4.5600e-003	5.4500e-003	3.0000e-005	1.7800e-003	2.0000e-005	1.8000e-003	4.8000e-004	2.0000e-005	5.0000e-004	0.0000	2.5911	2.5911	1.6000e-004	0.0000	2.5950

UCI - ICMC - Orange County, Annual

3.3 Site Preparation phase A - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0194	0.2025	0.1058	1.9000e-004		0.0102	0.0102		9.4000e-003	9.4000e-003	0.0000	16.7179	16.7179	5.4100e-003	0.0000	16.8530
Total	0.0194	0.2025	0.1058	1.9000e-004	0.0903	0.0102	0.1006	0.0497	9.4000e-003	0.0591	0.0000	16.7179	16.7179	5.4100e-003	0.0000	16.8530

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3000e-004	2.2000e-004	2.5900e-003	1.0000e-005	9.9000e-004	1.0000e-005	9.9000e-004	2.6000e-004	1.0000e-005	2.7000e-004	0.0000	0.8255	0.8255	2.0000e-005	0.0000	0.8259
Total	3.3000e-004	2.2000e-004	2.5900e-003	1.0000e-005	9.9000e-004	1.0000e-005	9.9000e-004	2.6000e-004	1.0000e-005	2.7000e-004	0.0000	0.8255	0.8255	2.0000e-005	0.0000	0.8259

UCI - ICMC - Orange County, Annual

3.3 Site Preparation phase A - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0352	0.0000	0.0352	0.0194	0.0000	0.0194	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0194	0.2025	0.1058	1.9000e-004		0.0102	0.0102		9.4000e-003	9.4000e-003	0.0000	16.7178	16.7178	5.4100e-003	0.0000	16.8530
Total	0.0194	0.2025	0.1058	1.9000e-004	0.0352	0.0102	0.0455	0.0194	9.4000e-003	0.0288	0.0000	16.7178	16.7178	5.4100e-003	0.0000	16.8530

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3000e-004	2.2000e-004	2.5900e-003	1.0000e-005	9.1000e-004	1.0000e-005	9.2000e-004	2.4000e-004	1.0000e-005	2.5000e-004	0.0000	0.8255	0.8255	2.0000e-005	0.0000	0.8259
Total	3.3000e-004	2.2000e-004	2.5900e-003	1.0000e-005	9.1000e-004	1.0000e-005	9.2000e-004	2.4000e-004	1.0000e-005	2.5000e-004	0.0000	0.8255	0.8255	2.0000e-005	0.0000	0.8259

UCI - ICMC - Orange County, Annual

3.4 Grading phase A - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0993	0.0000	0.0993	0.0507	0.0000	0.0507	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0344	0.3711	0.2379	4.4000e-004		0.0174	0.0174		0.0160	0.0160	0.0000	39.0806	39.0806	0.0126	0.0000	39.3965
Total	0.0344	0.3711	0.2379	4.4000e-004	0.0993	0.0174	0.1167	0.0507	0.0160	0.0667	0.0000	39.0806	39.0806	0.0126	0.0000	39.3965

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.2500e-003	0.2973	0.0809	8.5000e-004	0.0194	9.1000e-004	0.0204	5.3300e-003	8.7000e-004	6.2000e-003	0.0000	86.1325	86.1325	9.0700e-003	0.0000	86.3593
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.2000e-004	5.5000e-004	6.4600e-003	2.0000e-005	2.4700e-003	2.0000e-005	2.4900e-003	6.6000e-004	1.0000e-005	6.7000e-004	0.0000	2.0637	2.0637	4.0000e-005	0.0000	2.0648
Total	9.0700e-003	0.2978	0.0874	8.7000e-004	0.0219	9.3000e-004	0.0228	5.9900e-003	8.8000e-004	6.8700e-003	0.0000	88.1961	88.1961	9.1100e-003	0.0000	88.4241

UCI - ICMC - Orange County, Annual

3.4 Grading phase A - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0387	0.0000	0.0387	0.0198	0.0000	0.0198	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0344	0.3711	0.2379	4.4000e-004		0.0174	0.0174		0.0160	0.0160	0.0000	39.0805	39.0805	0.0126	0.0000	39.3965
Total	0.0344	0.3711	0.2379	4.4000e-004	0.0387	0.0174	0.0561	0.0198	0.0160	0.0358	0.0000	39.0805	39.0805	0.0126	0.0000	39.3965

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.2500e-003	0.2973	0.0809	8.5000e-004	0.0181	9.1000e-004	0.0190	5.0000e-003	8.7000e-004	5.8800e-003	0.0000	86.1325	86.1325	9.0700e-003	0.0000	86.3593
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.2000e-004	5.5000e-004	6.4600e-003	2.0000e-005	2.2800e-003	2.0000e-005	2.2900e-003	6.1000e-004	1.0000e-005	6.2000e-004	0.0000	2.0637	2.0637	4.0000e-005	0.0000	2.0648
Total	9.0700e-003	0.2978	0.0874	8.7000e-004	0.0204	9.3000e-004	0.0213	5.6100e-003	8.8000e-004	6.5000e-003	0.0000	88.1961	88.1961	9.1100e-003	0.0000	88.4241

UCI - ICMC - Orange County, Annual

3.5 Building Construction Phase B - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1283	1.1767	1.1188	1.8200e-003		0.0647	0.0647		0.0608	0.0608	0.0000	156.3552	156.3552	0.0377	0.0000	157.2982
Total	0.1283	1.1767	1.1188	1.8200e-003		0.0647	0.0647		0.0608	0.0608	0.0000	156.3552	156.3552	0.0377	0.0000	157.2982

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0399	1.3955	0.3912	3.5800e-003	0.0922	2.9000e-003	0.0951	0.0266	2.7700e-003	0.0294	0.0000	353.4859	353.4859	0.0286	0.0000	354.2012
Worker	0.1229	0.0826	0.9637	3.4000e-003	0.3683	2.4300e-003	0.3707	0.0978	2.2300e-003	0.1000	0.0000	307.6941	307.6941	6.5900e-003	0.0000	307.8589
Total	0.1629	1.4781	1.3549	6.9800e-003	0.4605	5.3300e-003	0.4658	0.1244	5.0000e-003	0.1294	0.0000	661.1800	661.1800	0.0352	0.0000	662.0601

UCI - ICMC - Orange County, Annual

3.5 Building Construction Phase B - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1283	1.1767	1.1188	1.8200e-003		0.0647	0.0647		0.0608	0.0608	0.0000	156.3550	156.3550	0.0377	0.0000	157.2980
Total	0.1283	1.1767	1.1188	1.8200e-003		0.0647	0.0647		0.0608	0.0608	0.0000	156.3550	156.3550	0.0377	0.0000	157.2980

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0399	1.3955	0.3912	3.5800e-003	0.0863	2.9000e-003	0.0892	0.0252	2.7700e-003	0.0279	0.0000	353.4859	353.4859	0.0286	0.0000	354.2012
Worker	0.1229	0.0826	0.9637	3.4000e-003	0.3396	2.4300e-003	0.3420	0.0908	2.2300e-003	0.0930	0.0000	307.6941	307.6941	6.5900e-003	0.0000	307.8589
Total	0.1629	1.4781	1.3549	6.9800e-003	0.4259	5.3300e-003	0.4312	0.1159	5.0000e-003	0.1209	0.0000	661.1800	661.1800	0.0352	0.0000	662.0601

UCI - ICMC - Orange County, Annual

3.5 Building Construction Phase B - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2428	301.2428	0.0722	0.0000	303.0471
Total	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2428	301.2428	0.0722	0.0000	303.0471

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0723	2.5400	0.7269	6.8100e-003	0.1776	4.8600e-003	0.1825	0.0512	4.6500e-003	0.0559	0.0000	674.0749	674.0749	0.0533	0.0000	675.4082
Worker	0.2240	0.1442	1.7303	6.3100e-003	0.7093	4.5800e-003	0.7139	0.1884	4.2200e-003	0.1926	0.0000	570.6571	570.6571	0.0115	0.0000	570.9450
Total	0.2963	2.6842	2.4571	0.0131	0.8869	9.4400e-003	0.8963	0.2396	8.8700e-003	0.2484	0.0000	1,244.7319	1,244.7319	0.0649	0.0000	1,246.3532

UCI - ICMC - Orange County, Annual

3.5 Building Construction Phase B - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2425	301.2425	0.0722	0.0000	303.0467
Total	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2425	301.2425	0.0722	0.0000	303.0467

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0723	2.5400	0.7269	6.8100e-003	0.1662	4.8600e-003	0.1711	0.0484	4.6500e-003	0.0531	0.0000	674.0749	674.0749	0.0533	0.0000	675.4082
Worker	0.2240	0.1442	1.7303	6.3100e-003	0.6539	4.5800e-003	0.6585	0.1748	4.2200e-003	0.1790	0.0000	570.6571	570.6571	0.0115	0.0000	570.9450
Total	0.2963	2.6842	2.4571	0.0131	0.8202	9.4400e-003	0.8296	0.2232	8.8700e-003	0.2321	0.0000	1,244.7319	1,244.7319	0.0649	0.0000	1,246.3532

UCI - ICMC - Orange County, Annual

3.5 Building Construction Phase B - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1022	0.9350	1.0559	1.7500e-003		0.0455	0.0455		0.0428	0.0428	0.0000	150.6731	150.6731	0.0358	0.0000	151.5692
Total	0.1022	0.9350	1.0559	1.7500e-003		0.0455	0.0455		0.0428	0.0428	0.0000	150.6731	150.6731	0.0358	0.0000	151.5692

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0275	0.9537	0.3370	3.2900e-003	0.0888	1.1700e-003	0.0900	0.0256	1.1200e-003	0.0267	0.0000	326.8551	326.8551	0.0247	0.0000	327.4734
Worker	0.1062	0.0655	0.8058	3.0300e-003	0.3546	2.2500e-003	0.3569	0.0942	2.0700e-003	0.0963	0.0000	274.3693	274.3693	5.2200e-003	0.0000	274.4998
Total	0.1337	1.0191	1.1429	6.3200e-003	0.4434	3.4200e-003	0.4469	0.1198	3.1900e-003	0.1230	0.0000	601.2244	601.2244	0.0300	0.0000	601.9732

UCI - ICMC - Orange County, Annual

3.5 Building Construction Phase B - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1022	0.9350	1.0559	1.7500e-003		0.0455	0.0455		0.0428	0.0428	0.0000	150.6729	150.6729	0.0358	0.0000	151.5690
Total	0.1022	0.9350	1.0559	1.7500e-003		0.0455	0.0455		0.0428	0.0428	0.0000	150.6729	150.6729	0.0358	0.0000	151.5690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0275	0.9537	0.3370	3.2900e-003	0.0831	1.1700e-003	0.0843	0.0242	1.1200e-003	0.0253	0.0000	326.8551	326.8551	0.0247	0.0000	327.4734
Worker	0.1062	0.0655	0.8058	3.0300e-003	0.3270	2.2500e-003	0.3292	0.0874	2.0700e-003	0.0895	0.0000	274.3693	274.3693	5.2200e-003	0.0000	274.4998
Total	0.1337	1.0191	1.1429	6.3200e-003	0.4101	3.4200e-003	0.4135	0.1116	3.1900e-003	0.1148	0.0000	601.2244	601.2244	0.0300	0.0000	601.9732

UCI - ICMC - Orange County, Annual

3.6 Building Construction Phase C - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1283	1.1767	1.1188	1.8200e-003		0.0647	0.0647		0.0608	0.0608	0.0000	156.3552	156.3552	0.0377	0.0000	157.2982
Total	0.1283	1.1767	1.1188	1.8200e-003		0.0647	0.0647		0.0608	0.0608	0.0000	156.3552	156.3552	0.0377	0.0000	157.2982

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0399	1.3955	0.3912	3.5800e-003	0.0922	2.9000e-003	0.0951	0.0266	2.7700e-003	0.0294	0.0000	353.4859	353.4859	0.0286	0.0000	354.2012
Worker	0.1229	0.0826	0.9637	3.4000e-003	0.3683	2.4300e-003	0.3707	0.0978	2.2300e-003	0.1000	0.0000	307.6941	307.6941	6.5900e-003	0.0000	307.8589
Total	0.1629	1.4781	1.3549	6.9800e-003	0.4605	5.3300e-003	0.4658	0.1244	5.0000e-003	0.1294	0.0000	661.1800	661.1800	0.0352	0.0000	662.0601

UCI - ICMC - Orange County, Annual

3.6 Building Construction Phase C - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1283	1.1767	1.1188	1.8200e-003		0.0647	0.0647		0.0608	0.0608	0.0000	156.3550	156.3550	0.0377	0.0000	157.2980
Total	0.1283	1.1767	1.1188	1.8200e-003		0.0647	0.0647		0.0608	0.0608	0.0000	156.3550	156.3550	0.0377	0.0000	157.2980

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0399	1.3955	0.3912	3.5800e-003	0.0863	2.9000e-003	0.0892	0.0252	2.7700e-003	0.0279	0.0000	353.4859	353.4859	0.0286	0.0000	354.2012
Worker	0.1229	0.0826	0.9637	3.4000e-003	0.3396	2.4300e-003	0.3420	0.0908	2.2300e-003	0.0930	0.0000	307.6941	307.6941	6.5900e-003	0.0000	307.8589
Total	0.1629	1.4781	1.3549	6.9800e-003	0.4259	5.3300e-003	0.4312	0.1159	5.0000e-003	0.1209	0.0000	661.1800	661.1800	0.0352	0.0000	662.0601

UCI - ICMC - Orange County, Annual

3.6 Building Construction Phase C - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2428	301.2428	0.0722	0.0000	303.0471
Total	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2428	301.2428	0.0722	0.0000	303.0471

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0723	2.5400	0.7269	6.8100e-003	0.1776	4.8600e-003	0.1825	0.0512	4.6500e-003	0.0559	0.0000	674.0749	674.0749	0.0533	0.0000	675.4082
Worker	0.2240	0.1442	1.7303	6.3100e-003	0.7093	4.5800e-003	0.7139	0.1884	4.2200e-003	0.1926	0.0000	570.6571	570.6571	0.0115	0.0000	570.9450
Total	0.2963	2.6842	2.4571	0.0131	0.8869	9.4400e-003	0.8963	0.2396	8.8700e-003	0.2484	0.0000	1,244.7319	1,244.7319	0.0649	0.0000	1,246.3532

UCI - ICMC - Orange County, Annual

3.6 Building Construction Phase C - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2425	301.2425	0.0722	0.0000	303.0467
Total	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2425	301.2425	0.0722	0.0000	303.0467

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0723	2.5400	0.7269	6.8100e-003	0.1662	4.8600e-003	0.1711	0.0484	4.6500e-003	0.0531	0.0000	674.0749	674.0749	0.0533	0.0000	675.4082
Worker	0.2240	0.1442	1.7303	6.3100e-003	0.6539	4.5800e-003	0.6585	0.1748	4.2200e-003	0.1790	0.0000	570.6571	570.6571	0.0115	0.0000	570.9450
Total	0.2963	2.6842	2.4571	0.0131	0.8202	9.4400e-003	0.8296	0.2232	8.8700e-003	0.2321	0.0000	1,244.7319	1,244.7319	0.0649	0.0000	1,246.3532

UCI - ICMC - Orange County, Annual

3.6 Building Construction Phase C - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1706	1.5608	1.7625	2.9200e-003		0.0759	0.0759		0.0714	0.0714	0.0000	251.5082	251.5082	0.0598	0.0000	253.0039
Total	0.1706	1.5608	1.7625	2.9200e-003		0.0759	0.0759		0.0714	0.0714	0.0000	251.5082	251.5082	0.0598	0.0000	253.0039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0460	1.5919	0.5626	5.5000e-003	0.1482	1.9500e-003	0.1502	0.0427	1.8600e-003	0.0446	0.0000	545.5966	545.5966	0.0413	0.0000	546.6287
Worker	0.1773	0.1092	1.3451	5.0600e-003	0.5920	3.7600e-003	0.5957	0.1572	3.4600e-003	0.1607	0.0000	457.9857	457.9857	8.7100e-003	0.0000	458.2035
Total	0.2232	1.7011	1.9077	0.0106	0.7402	5.7100e-003	0.7459	0.2000	5.3200e-003	0.2053	0.0000	1,003.5823	1,003.5823	0.0500	0.0000	1,004.8322

UCI - ICMC - Orange County, Annual

3.6 Building Construction Phase C - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1706	1.5608	1.7625	2.9200e-003		0.0759	0.0759		0.0714	0.0714	0.0000	251.5079	251.5079	0.0598	0.0000	253.0036
Total	0.1706	1.5608	1.7625	2.9200e-003		0.0759	0.0759		0.0714	0.0714	0.0000	251.5079	251.5079	0.0598	0.0000	253.0036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0460	1.5919	0.5626	5.5000e-003	0.1388	1.9500e-003	0.1407	0.0404	1.8600e-003	0.0423	0.0000	545.5966	545.5966	0.0413	0.0000	546.6287
Worker	0.1773	0.1092	1.3451	5.0600e-003	0.5458	3.7600e-003	0.5496	0.1459	3.4600e-003	0.1493	0.0000	457.9857	457.9857	8.7100e-003	0.0000	458.2035
Total	0.2232	1.7011	1.9077	0.0106	0.6845	5.7100e-003	0.6902	0.1863	5.3200e-003	0.1916	0.0000	1,003.5823	1,003.5823	0.0500	0.0000	1,004.8322

UCI - ICMC - Orange County, Annual

3.7 Paving Phase B - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0296	22.0296	7.1200e-003	0.0000	22.2077
Paving	6.1600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0175	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0296	22.0296	7.1200e-003	0.0000	22.2077

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4000e-004	3.3000e-004	4.1200e-003	2.0000e-005	1.8100e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.4014	1.4014	3.0000e-005	0.0000	1.4020
Total	5.4000e-004	3.3000e-004	4.1200e-003	2.0000e-005	1.8100e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.4014	1.4014	3.0000e-005	0.0000	1.4020

UCI - ICMC - Orange County, Annual

3.7 Paving Phase B - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0295	22.0295	7.1200e-003	0.0000	22.2077
Paving	6.1600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0175	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0295	22.0295	7.1200e-003	0.0000	22.2077

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4000e-004	3.3000e-004	4.1200e-003	2.0000e-005	1.6700e-003	1.0000e-005	1.6800e-003	4.5000e-004	1.0000e-005	4.6000e-004	0.0000	1.4014	1.4014	3.0000e-005	0.0000	1.4020
Total	5.4000e-004	3.3000e-004	4.1200e-003	2.0000e-005	1.6700e-003	1.0000e-005	1.6800e-003	4.5000e-004	1.0000e-005	4.6000e-004	0.0000	1.4014	1.4014	3.0000e-005	0.0000	1.4020

UCI - ICMC - Orange County, Annual

3.8 Architectural Coating Phase B - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.4614					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.2400e-003	0.0560	0.0779	1.3000e-004		3.0500e-003	3.0500e-003		3.0500e-003	3.0500e-003	0.0000	10.9790	10.9790	6.6000e-004	0.0000	10.9954
Total	1.4696	0.0560	0.0779	1.3000e-004		3.0500e-003	3.0500e-003		3.0500e-003	3.0500e-003	0.0000	10.9790	10.9790	6.6000e-004	0.0000	10.9954

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0140	8.6200e-003	0.1062	4.0000e-004	0.0467	3.0000e-004	0.0470	0.0124	2.7000e-004	0.0127	0.0000	36.1551	36.1551	6.9000e-004	0.0000	36.1723
Total	0.0140	8.6200e-003	0.1062	4.0000e-004	0.0467	3.0000e-004	0.0470	0.0124	2.7000e-004	0.0127	0.0000	36.1551	36.1551	6.9000e-004	0.0000	36.1723

UCI - ICMC - Orange County, Annual

3.8 Architectural Coating Phase B - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.4614					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.2400e-003	0.0560	0.0779	1.3000e-004		3.0500e-003	3.0500e-003		3.0500e-003	3.0500e-003	0.0000	10.9790	10.9790	6.6000e-004	0.0000	10.9954
Total	1.4696	0.0560	0.0779	1.3000e-004		3.0500e-003	3.0500e-003		3.0500e-003	3.0500e-003	0.0000	10.9790	10.9790	6.6000e-004	0.0000	10.9954

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0140	8.6200e-003	0.1062	4.0000e-004	0.0431	3.0000e-004	0.0434	0.0115	2.7000e-004	0.0118	0.0000	36.1551	36.1551	6.9000e-004	0.0000	36.1723
Total	0.0140	8.6200e-003	0.1062	4.0000e-004	0.0431	3.0000e-004	0.0434	0.0115	2.7000e-004	0.0118	0.0000	36.1551	36.1551	6.9000e-004	0.0000	36.1723

UCI - ICMC - Orange County, Annual

3.9 Paving Phase C - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0296	22.0296	7.1200e-003	0.0000	22.2077
Paving	6.1600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0175	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0296	22.0296	7.1200e-003	0.0000	22.2077

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4000e-004	3.3000e-004	4.1200e-003	2.0000e-005	1.8100e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.4014	1.4014	3.0000e-005	0.0000	1.4020
Total	5.4000e-004	3.3000e-004	4.1200e-003	2.0000e-005	1.8100e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.4014	1.4014	3.0000e-005	0.0000	1.4020

UCI - ICMC - Orange County, Annual

3.9 Paving Phase C - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0295	22.0295	7.1200e-003	0.0000	22.2077
Paving	6.1600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0175	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0295	22.0295	7.1200e-003	0.0000	22.2077

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4000e-004	3.3000e-004	4.1200e-003	2.0000e-005	1.6700e-003	1.0000e-005	1.6800e-003	4.5000e-004	1.0000e-005	4.6000e-004	0.0000	1.4014	1.4014	3.0000e-005	0.0000	1.4020
Total	5.4000e-004	3.3000e-004	4.1200e-003	2.0000e-005	1.6700e-003	1.0000e-005	1.6800e-003	4.5000e-004	1.0000e-005	4.6000e-004	0.0000	1.4014	1.4014	3.0000e-005	0.0000	1.4020

UCI - ICMC - Orange County, Annual

3.10 Architectural Coating Phase C - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.4614					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.3400e-003	0.0567	0.0788	1.3000e-004		3.0800e-003	3.0800e-003		3.0800e-003	3.0800e-003	0.0000	11.1067	11.1067	6.6000e-004	0.0000	11.1233
Total	1.4697	0.0567	0.0788	1.3000e-004		3.0800e-003	3.0800e-003		3.0800e-003	3.0800e-003	0.0000	11.1067	11.1067	6.6000e-004	0.0000	11.1233

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0142	8.7200e-003	0.1074	4.0000e-004	0.0473	3.0000e-004	0.0476	0.0126	2.8000e-004	0.0128	0.0000	36.5755	36.5755	7.0000e-004	0.0000	36.5929
Total	0.0142	8.7200e-003	0.1074	4.0000e-004	0.0473	3.0000e-004	0.0476	0.0126	2.8000e-004	0.0128	0.0000	36.5755	36.5755	7.0000e-004	0.0000	36.5929

UCI - ICMC - Orange County, Annual

3.10 Architectural Coating Phase C - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.4614					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.3400e-003	0.0567	0.0788	1.3000e-004		3.0800e-003	3.0800e-003		3.0800e-003	3.0800e-003	0.0000	11.1066	11.1066	6.6000e-004	0.0000	11.1233
Total	1.4697	0.0567	0.0788	1.3000e-004		3.0800e-003	3.0800e-003		3.0800e-003	3.0800e-003	0.0000	11.1066	11.1066	6.6000e-004	0.0000	11.1233

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0142	8.7200e-003	0.1074	4.0000e-004	0.0436	3.0000e-004	0.0439	0.0117	2.8000e-004	0.0119	0.0000	36.5755	36.5755	7.0000e-004	0.0000	36.5929
Total	0.0142	8.7200e-003	0.1074	4.0000e-004	0.0436	3.0000e-004	0.0439	0.0117	2.8000e-004	0.0119	0.0000	36.5755	36.5755	7.0000e-004	0.0000	36.5929

4.0 Operational Detail - Mobile

UCI - ICMC - Orange County, Annual

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

Implement Trip Reduction Program

Employee Vanpool/Shuttle

Provide Riade Sharing Program

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2.5492	4.4468	26.9577	0.0845	8.7043	0.0580	8.7624	2.3284	0.0540	2.3824	0.0000	7,896.9998	7,896.9998	0.4673	0.0000	7,908.6827
Unmitigated	2.6866	5.2388	31.7819	0.1036	10.7273	0.0704	10.7977	2.8695	0.0656	2.9351	0.0000	9,689.2897	9,689.2897	0.5471	0.0000	9,702.9659

4.2 Trip Summary Information

UCI - ICMC - Orange County, Annual

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hospital	2,488.32	1,565.28	1382.40	10,752,699	8,707,071
Medical Office Building	6,061.50	1,503.00	261.00	17,581,417	14,283,771
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unenclosed Parking with Elevator	0.00	0.00	0.00		
Unenclosed Parking with Elevator	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	8,549.82	3,068.28	1,643.40	28,334,116	22,990,842

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Hospital	16.60	8.40	6.90	64.90	16.10	19.00	100	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	100	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unenclosed Parking with	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unenclosed Parking with	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Hospital	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Medical Office Building	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Other Non-Asphalt Surfaces	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Parking Lot	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Unenclosed Parking with Elevator	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Other Asphalt Surfaces	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904

UCI - ICMC - Orange County, Annual

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,965.3541	1,965.3541	0.1073	0.0222	1,974.6476
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	2,397.2501	2,397.2501	0.1308	0.0271	2,408.5859
NaturalGas Mitigated	0.0730	0.6640	0.5578	3.9800e-003		0.0505	0.0505		0.0505	0.0505	0.0000	722.8728	722.8728	0.0139	0.0133	727.1685
NaturalGas Unmitigated	0.1279	1.1626	0.9766	6.9800e-003		0.0884	0.0884		0.0884	0.0884	0.0000	1,265.6668	1,265.6668	0.0243	0.0232	1,273.1880

UCI - ICMC - Orange County, Annual

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Hospital	2.16612e+007	0.1168	1.0618	0.8919	6.3700e-003		0.0807	0.0807		0.0807	0.0807	0.0000	1,155.9241	1,155.9241	0.0222	0.0212	1,162.7932
Medical Office Building	2.0565e+006	0.0111	0.1008	0.0847	6.0000e-004		7.6600e-003	7.6600e-003		7.6600e-003	7.6600e-003	0.0000	109.7427	109.7427	2.1000e-003	2.0100e-003	110.3948
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.1279	1.1626	0.9766	6.9700e-003		0.0884	0.0884		0.0884	0.0884	0.0000	1,265.6668	1,265.6668	0.0243	0.0232	1,273.1880

UCI - ICMC - Orange County, Annual

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Hospital	1.2456e+007	0.0672	0.6106	0.5129	3.6600e-003		0.0464	0.0464		0.0464	0.0464	0.0000	664.6996	664.6996	0.0127	0.0122	668.6496
Medical Office Building	1.09013e+006	5.8800e-003	0.0534	0.0449	3.2000e-004		4.0600e-003	4.0600e-003		4.0600e-003	4.0600e-003	0.0000	58.1732	58.1732	1.1100e-003	1.0700e-003	58.5189
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0730	0.6640	0.5578	3.9800e-003		0.0505	0.0505		0.0505	0.0505	0.0000	722.8728	722.8728	0.0139	0.0133	727.1685

UCI - ICMC - Orange County, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Hospital	5.7024e+006	1,374.6042	0.0750	0.0155	1,381.1042
Medical Office Building	3.14775e+006	758.7876	0.0414	8.5700e-003	762.3756
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	62508.6	15.0681	8.2000e-004	1.7000e-004	15.1394
Unenclosed Parking with Elevator	434560	104.7538	5.7200e-003	1.1800e-003	105.2491
Unenclosed Parking with Elevator	597520	144.0365	7.8600e-003	1.6300e-003	144.7176
Total		2,397.2501	0.1308	0.0271	2,408.5859

UCI - ICMC - Orange County, Annual

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Hospital	4.4406e+006	1,070.4383	0.0584	0.0121	1,075.5000
Medical Office Building	2.61788e+006	631.0574	0.0344	7.1200e-003	634.0415
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	62508.6	15.0681	8.2000e-004	1.7000e-004	15.1394
Unenclosed Parking with Elevator	434560	104.7538	5.7200e-003	1.1800e-003	105.2491
Unenclosed Parking with Elevator	597520	144.0365	7.8600e-003	1.6300e-003	144.7176
Total		1,965.3541	0.1073	0.0222	1,974.6476

6.0 Area Detail

6.1 Mitigation Measures Area

UCI - ICMC - Orange County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2.3112	2.0000e-004	0.0218	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0423	0.0423	1.1000e-004	0.0000	0.0451
Unmitigated	2.3112	2.0000e-004	0.0218	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0423	0.0423	1.1000e-004	0.0000	0.0451

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1461					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.1630					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0100e-003	2.0000e-004	0.0218	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0423	0.0423	1.1000e-004	0.0000	0.0451
Total	2.3112	2.0000e-004	0.0218	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0423	0.0423	1.1000e-004	0.0000	0.0451

UCI - ICMC - Orange County, Annual

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1461					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.1630					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0100e-003	2.0000e-004	0.0218	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0423	0.0423	1.1000e-004	0.0000	0.0451
Total	2.3112	2.0000e-004	0.0218	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0423	0.0423	1.1000e-004	0.0000	0.0451

7.0 Water Detail

7.1 Mitigation Measures Water

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Use Water Efficient Irrigation System

UCI - ICMC - Orange County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	133.5374	1.0798	0.0267	168.4984
Unmitigated	163.2730	1.3496	0.0334	206.9571

UCI - ICMC - Orange County, Annual

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Hospital	12.9332 / 2.46346	51.2953	0.4240	0.0105	65.0195
Medical Office Building	28.2331 / 5.37774	111.9777	0.9256	0.0229	141.9376
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		163.2730	1.3496	0.0334	206.9571

UCI - ICMC - Orange County, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Hospital	10.3465 / 2.31319	41.9533	0.3393	8.4000e-003	52.9370
Medical Office Building	22.5865 / 5.0497	91.5841	0.7406	0.0183	115.5615
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		133.5374	1.0798	0.0267	168.4984

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

UCI - ICMC - Orange County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	289.3108	17.0978	0.0000	716.7554
Unmitigated	578.6217	34.1956	0.0000	1,433,510 7

UCI - ICMC - Orange County, Annual

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Hospital	420.48	85.3536	5.0443	0.0000	211.4600
Medical Office Building	2430	493.2680	29.1513	0.0000	1,222.0507
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Total		578.6217	34.1956	0.0000	1,433.5107

UCI - ICMC - Orange County, Annual

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Hospital	210.24	42.6768	2.5221	0.0000	105.7300
Medical Office Building	1215	246.6340	14.5757	0.0000	611.0254
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Total		289.3108	17.0978	0.0000	716.7554

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
----------------	--------	-----------	-----------	-------------	-------------	-----------

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	2	1	199	2667	0.73	Diesel

UCI - ICMC - Orange County, Annual

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
Boiler	2	50	18250	75	CNG

User Defined Equipment

Equipment Type	Number
----------------	--------

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	tons/yr										MT/yr					
Boiler - CNG (75 - 9999 MMBTU)	0.0984	0.1132	1.7535	0.0107		0.1360	0.1360		0.1360	0.1360	0.0000	1,947.8123	1,947.8123	0.0373	0.0000	1,948.7456
Emergency Generator - Diesel (750 - 9999 HP)	0.8710	0.4271	2.2208	4.1900e-003		0.0171	0.0171		0.0171	0.0171	0.0000	404.2033	404.2033	0.0567	0.0000	405.6200
Total	0.9694	0.5402	3.9743	0.0149		0.1531	0.1531		0.1531	0.1531	0.0000	2,352.0156	2,352.0156	0.0940	0.0000	2,354.3656

11.0 Vegetation

UCI - ICMC - Orange County, Annual

UCI - ICMC
Orange County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hospital	144.00	Bed	1.60	360,000.00	0
Medical Office Building	225.00	1000sqft	1.00	225,000.00	0
Other Non-Asphalt Surfaces	0.60	Acre	0.60	26,136.00	0
Parking Lot	4.10	Acre	4.10	178,596.00	0
Unenclosed Parking with Elevator	770.00	Space	1.20	308,000.00	0
Unenclosed Parking with Elevator	560.00	Space	0.80	224,000.00	0
Other Asphalt Surfaces	0.60	Acre	0.60	23,136.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8			Operational Year	2023
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	531.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

UCI - ICMC - Orange County, Annual

Project Characteristics - Adjusted per the SCE 2019 Corporate Responsibility and Sustainability Report. The report provides intensity factor of CO2e, the CO2 intensity factor is calculated as $534-25 \times 0.029-298 \times 0.00617=531.4364$ to avoid double counting.

Land Use - Hospital 144 beds, 360,000 sf (1.6 ac footprint) 7 levels. Clinic 225 tsf (TIA) (1 ac footprint) 6 levels. PkgStructA 770 stalls (1.2 ac footprint) 6 levels. PkgStructB 560 stalls (0.8 ac footprint) 6 levels, 0.6ac temp staging/laydown

Construction Phase - based on construction schedule in PD

Trips and VMT -

Demolition - based on Google Earth

Grading - export 18,141 cubic yards based on earth movement calculations

Architectural Coating - Low VOC Paint - Rule 1113

Vehicle Trips - Adjusted to include internal capture identified in Traffic Study

Area Coating - Rule 1113, low VOC paint

Energy Use -

Water And Wastewater -

Solid Waste -

Construction Off-road Equipment Mitigation - Rule 403

Mobile Land Use Mitigation - 1150 jobs/11.6 acres = 99 jobs/acre

Mobile Commute Mitigation -

Energy Mitigation - LEED Gold certification. 20-30% reduction over Title 24 2019 standard, 2019 standard exceeds 2016 by 30%

Water Mitigation - low flow fixtures

Waste Mitigation - AB 939 - divert at least 50% of solid waste from landfills

Stationary Sources - Emergency Generators and Fire Pumps - Emergency Power Supply System (EPSS) based on similar project

Stationary Sources - Process Boilers -

Stationary Sources - User Defined -

Stationary Sources - Emergency Generators and Fire Pumps EF - 2017 off-road diesel emission factor update, CARB. Rule 1470 AQMD

Fleet Mix - Other Asphalt - temporary construction staging - no operational emissions

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00

UCI - ICMC - Orange County, Annual

tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	230.00	525.00
tblConstructionPhase	NumDays	230.00	612.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDays	20.00	86.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDays	20.00	87.00
tblGrading	MaterialExported	0.00	18,141.00
tblLandUse	LandUseSquareFeet	103,069.09	360,000.00
tblLandUse	LandUseSquareFeet	26,136.00	23,136.00
tblLandUse	LotAcreage	2.37	1.60
tblLandUse	LotAcreage	5.17	1.00
tblLandUse	LotAcreage	6.93	1.20
tblLandUse	LotAcreage	5.04	0.80
tblProjectCharacteristics	CO2IntensityFactor	702.44	531.44
tblStationaryBoilersUse	AnnualHeatInput	0.00	18,250.00
tblStationaryBoilersUse	BoilerRatingValue	0.00	75.00
tblStationaryBoilersUse	DailyHeatInput	0.00	50.00
tblStationaryBoilersUse	NumberOfEquipment	0.00	2.00

UCI - ICMC - Orange County, Annual

tblStationaryGeneratorsPumpsEF	NOX_EF	4.56	0.50
tblStationaryGeneratorsPumpsEF	PM10_EF	0.15	0.02
tblStationaryGeneratorsPumpsEF	PM2_5_EF	0.15	0.02
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	2,667.00
tblStationaryGeneratorsPumpsUse	HoursPerDay	0.00	1.00
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	199.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	2.00
tblTripsAndVMT	VendorTripNumber	220.00	217.00
tblTripsAndVMT	VendorTripNumber	220.00	217.00
tblTripsAndVMT	WorkerTripNumber	506.00	497.00
tblTripsAndVMT	WorkerTripNumber	506.00	497.00
tblTripsAndVMT	WorkerTripNumber	101.00	99.00
tblTripsAndVMT	WorkerTripNumber	101.00	99.00
tblVehicleEF	HHD	0.47	0.03
tblVehicleEF	HHD	0.16	0.14
tblVehicleEF	HHD	0.07	8.0464e-007
tblVehicleEF	HHD	1.51	6.08
tblVehicleEF	HHD	1.25	0.62
tblVehicleEF	HHD	4.18	0.01
tblVehicleEF	HHD	3,872.44	1,027.75
tblVehicleEF	HHD	1,597.37	1,392.67
tblVehicleEF	HHD	13.53	0.08
tblVehicleEF	HHD	13.41	5.31
tblVehicleEF	HHD	1.83	2.44
tblVehicleEF	HHD	19.09	2.48
tblVehicleEF	HHD	0.01	3.0945e-003
tblVehicleEF	HHD	0.06	0.06

UCI - ICMC - Orange County, Annual

tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	6.0810e-003	0.02
tblVehicleEF	HHD	1.2600e-004	1.1940e-006
tblVehicleEF	HHD	0.01	2.9606e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6700e-003	8.7641e-003
tblVehicleEF	HHD	5.8180e-003	0.02
tblVehicleEF	HHD	1.1600e-004	1.0979e-006
tblVehicleEF	HHD	1.1500e-004	4.2641e-006
tblVehicleEF	HHD	4.7550e-003	1.8047e-004
tblVehicleEF	HHD	0.36	0.41
tblVehicleEF	HHD	8.8000e-005	3.0444e-006
tblVehicleEF	HHD	0.08	0.03
tblVehicleEF	HHD	4.2300e-004	8.2428e-004
tblVehicleEF	HHD	0.09	4.2069e-006
tblVehicleEF	HHD	0.03	9.3925e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.0400e-004	7.8953e-007
tblVehicleEF	HHD	1.1500e-004	4.2641e-006
tblVehicleEF	HHD	4.7550e-003	1.8047e-004
tblVehicleEF	HHD	0.44	0.47
tblVehicleEF	HHD	8.8000e-005	3.0444e-006
tblVehicleEF	HHD	0.26	0.17
tblVehicleEF	HHD	4.2300e-004	8.2428e-004
tblVehicleEF	HHD	0.10	4.6061e-006
tblVehicleEF	HHD	0.44	0.03
tblVehicleEF	HHD	0.16	0.14

UCI - ICMC - Orange County, Annual

tblVehicleEF	HHD	0.06	7.7285e-007
tblVehicleEF	HHD	1.10	5.99
tblVehicleEF	HHD	1.26	0.62
tblVehicleEF	HHD	3.98	0.01
tblVehicleEF	HHD	4,102.50	1,016.72
tblVehicleEF	HHD	1,597.37	1,392.67
tblVehicleEF	HHD	13.53	0.08
tblVehicleEF	HHD	13.84	5.09
tblVehicleEF	HHD	1.73	2.31
tblVehicleEF	HHD	19.08	2.48
tblVehicleEF	HHD	0.01	2.6885e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	6.0810e-003	0.02
tblVehicleEF	HHD	1.2600e-004	1.1940e-006
tblVehicleEF	HHD	9.6890e-003	2.5722e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6700e-003	8.7641e-003
tblVehicleEF	HHD	5.8180e-003	0.02
tblVehicleEF	HHD	1.1600e-004	1.0979e-006
tblVehicleEF	HHD	1.6500e-004	6.2418e-006
tblVehicleEF	HHD	4.8480e-003	1.8313e-004
tblVehicleEF	HHD	0.34	0.43
tblVehicleEF	HHD	1.2200e-004	4.4756e-006
tblVehicleEF	HHD	0.08	0.03
tblVehicleEF	HHD	4.0800e-004	8.0826e-004
tblVehicleEF	HHD	0.09	4.0515e-006

UCI - ICMC - Orange County, Annual

tblVehicleEF	HHD	0.04	9.2884e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.0000e-004	7.8176e-007
tblVehicleEF	HHD	1.6500e-004	6.2418e-006
tblVehicleEF	HHD	4.8480e-003	1.8313e-004
tblVehicleEF	HHD	0.42	0.50
tblVehicleEF	HHD	1.2200e-004	4.4756e-006
tblVehicleEF	HHD	0.26	0.17
tblVehicleEF	HHD	4.0800e-004	8.0826e-004
tblVehicleEF	HHD	0.09	4.4359e-006
tblVehicleEF	HHD	0.51	0.03
tblVehicleEF	HHD	0.16	0.14
tblVehicleEF	HHD	0.07	8.1219e-007
tblVehicleEF	HHD	2.08	6.20
tblVehicleEF	HHD	1.25	0.62
tblVehicleEF	HHD	4.22	0.01
tblVehicleEF	HHD	3,554.73	1,042.97
tblVehicleEF	HHD	1,597.37	1,392.67
tblVehicleEF	HHD	13.53	0.08
tblVehicleEF	HHD	12.81	5.62
tblVehicleEF	HHD	1.80	2.40
tblVehicleEF	HHD	19.10	2.48
tblVehicleEF	HHD	0.01	3.6551e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	6.0810e-003	0.02
tblVehicleEF	HHD	1.2600e-004	1.1940e-006

UCI - ICMC - Orange County, Annual

tblVehicleEF	HHD	0.01	3.4970e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6700e-003	8.7641e-003
tblVehicleEF	HHD	5.8180e-003	0.02
tblVehicleEF	HHD	1.1600e-004	1.0979e-006
tblVehicleEF	HHD	1.1300e-004	4.4195e-006
tblVehicleEF	HHD	5.0850e-003	1.9963e-004
tblVehicleEF	HHD	0.39	0.37
tblVehicleEF	HHD	8.8000e-005	3.1681e-006
tblVehicleEF	HHD	0.08	0.03
tblVehicleEF	HHD	4.6100e-004	8.7999e-004
tblVehicleEF	HHD	0.09	4.2430e-006
tblVehicleEF	HHD	0.03	9.5362e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.0400e-004	7.9102e-007
tblVehicleEF	HHD	1.1300e-004	4.4195e-006
tblVehicleEF	HHD	5.0850e-003	1.9963e-004
tblVehicleEF	HHD	0.48	0.44
tblVehicleEF	HHD	8.8000e-005	3.1681e-006
tblVehicleEF	HHD	0.26	0.17
tblVehicleEF	HHD	4.6100e-004	8.7999e-004
tblVehicleEF	HHD	0.10	4.6455e-006
tblVehicleEF	LDA	3.5840e-003	2.0518e-003
tblVehicleEF	LDA	3.9920e-003	0.04
tblVehicleEF	LDA	0.52	0.59
tblVehicleEF	LDA	0.92	1.99
tblVehicleEF	LDA	242.31	249.36

UCI - ICMC - Orange County, Annual

tblVehicleEF	LDA	53.99	51.01
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.05	0.16
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.8390e-003	1.5020e-003
tblVehicleEF	LDA	2.2490e-003	1.7537e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.6950e-003	1.3832e-003
tblVehicleEF	LDA	2.0680e-003	1.6125e-003
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	9.0380e-003	7.5936e-003
tblVehicleEF	LDA	0.04	0.19
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	2.4260e-003	2.4668e-003
tblVehicleEF	LDA	5.5500e-004	5.0480e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.19
tblVehicleEF	LDA	0.06	0.21
tblVehicleEF	LDA	3.7860e-003	2.1852e-003
tblVehicleEF	LDA	3.5910e-003	0.04

UCI - ICMC - Orange County, Annual

tblVehicleEF	LDA	0.56	0.64
tblVehicleEF	LDA	0.80	1.72
tblVehicleEF	LDA	252.48	259.55
tblVehicleEF	LDA	53.99	50.52
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.05	0.15
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.8390e-003	1.5020e-003
tblVehicleEF	LDA	2.2490e-003	1.7537e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.6950e-003	1.3832e-003
tblVehicleEF	LDA	2.0680e-003	1.6125e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	9.5380e-003	8.0161e-003
tblVehicleEF	LDA	0.03	0.18
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.5280e-003	2.5676e-003
tblVehicleEF	LDA	5.5300e-004	4.9989e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.18

UCI - ICMC - Orange County, Annual

tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	3.5150e-003	2.0098e-003
tblVehicleEF	LDA	4.0740e-003	0.04
tblVehicleEF	LDA	0.50	0.57
tblVehicleEF	LDA	0.95	2.05
tblVehicleEF	LDA	238.56	245.60
tblVehicleEF	LDA	53.99	51.12
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.8390e-003	1.5020e-003
tblVehicleEF	LDA	2.2490e-003	1.7537e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.6950e-003	1.3832e-003
tblVehicleEF	LDA	2.0680e-003	1.6125e-003
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	8.8680e-003	7.4511e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	2.3880e-003	2.4296e-003
tblVehicleEF	LDA	5.5600e-004	5.0587e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.09	0.09

UCI - ICMC - Orange County, Annual

tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.06	0.21
tblVehicleEF	LDT1	8.0440e-003	4.7359e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.00	1.03
tblVehicleEF	LDT1	2.24	2.17
tblVehicleEF	LDT1	303.32	296.14
tblVehicleEF	LDT1	67.98	61.59
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.13	0.23
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.3740e-003	1.9816e-003
tblVehicleEF	LDT1	3.0400e-003	2.3129e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.1840e-003	1.8229e-003
tblVehicleEF	LDT1	2.7950e-003	2.1267e-003
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.22	0.17
tblVehicleEF	LDT1	0.09	0.00
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.14	0.58
tblVehicleEF	LDT1	0.15	0.30
tblVehicleEF	LDT1	3.0440e-003	2.9306e-003

UCI - ICMC - Orange County, Annual

tblVehicleEF	LDT1	7.1900e-004	6.0953e-004
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.22	0.17
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.14	0.58
tblVehicleEF	LDT1	0.16	0.32
tblVehicleEF	LDT1	8.4500e-003	5.0088e-003
tblVehicleEF	LDT1	9.9950e-003	0.06
tblVehicleEF	LDT1	1.08	1.11
tblVehicleEF	LDT1	1.93	1.87
tblVehicleEF	LDT1	315.58	306.58
tblVehicleEF	LDT1	67.98	61.02
tblVehicleEF	LDT1	0.08	0.07
tblVehicleEF	LDT1	0.12	0.21
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.3740e-003	1.9816e-003
tblVehicleEF	LDT1	3.0400e-003	2.3129e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.1840e-003	1.8229e-003
tblVehicleEF	LDT1	2.7950e-003	2.1267e-003
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.23	0.17
tblVehicleEF	LDT1	0.13	0.00
tblVehicleEF	LDT1	0.02	0.02

UCI - ICMC - Orange County, Annual

tblVehicleEF	LDT1	0.13	0.53
tblVehicleEF	LDT1	0.13	0.27
tblVehicleEF	LDT1	3.1680e-003	3.0339e-003
tblVehicleEF	LDT1	7.1300e-004	6.0381e-004
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.23	0.17
tblVehicleEF	LDT1	0.13	0.13
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.13	0.53
tblVehicleEF	LDT1	0.15	0.29
tblVehicleEF	LDT1	7.9040e-003	4.6486e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	0.97	0.99
tblVehicleEF	LDT1	2.30	2.23
tblVehicleEF	LDT1	298.79	292.29
tblVehicleEF	LDT1	67.98	61.72
tblVehicleEF	LDT1	0.09	0.07
tblVehicleEF	LDT1	0.13	0.23
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.3740e-003	1.9816e-003
tblVehicleEF	LDT1	3.0400e-003	2.3129e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.1840e-003	1.8229e-003
tblVehicleEF	LDT1	2.7950e-003	2.1267e-003
tblVehicleEF	LDT1	0.11	0.11

UCI - ICMC - Orange County, Annual

tblVehicleEF	LDT1	0.25	0.19
tblVehicleEF	LDT1	0.09	0.00
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.15	0.30
tblVehicleEF	LDT1	2.9980e-003	2.8924e-003
tblVehicleEF	LDT1	7.2000e-004	6.1077e-004
tblVehicleEF	LDT1	0.11	0.11
tblVehicleEF	LDT1	0.25	0.19
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.17	0.33
tblVehicleEF	LDT2	4.9710e-003	3.2951e-003
tblVehicleEF	LDT2	5.3310e-003	0.06
tblVehicleEF	LDT2	0.67	0.79
tblVehicleEF	LDT2	1.19	2.52
tblVehicleEF	LDT2	342.73	317.53
tblVehicleEF	LDT2	76.37	66.48
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.09	0.24
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8340e-003	1.5139e-003
tblVehicleEF	LDT2	2.2690e-003	1.7024e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003

UCI - ICMC - Orange County, Annual

tblVehicleEF	LDT2	1.6860e-003	1.3934e-003
tblVehicleEF	LDT2	2.0860e-003	1.5653e-003
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.38
tblVehicleEF	LDT2	0.07	0.27
tblVehicleEF	LDT2	3.4320e-003	3.1413e-003
tblVehicleEF	LDT2	7.8300e-004	6.5790e-004
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.38
tblVehicleEF	LDT2	0.08	0.30
tblVehicleEF	LDT2	5.2490e-003	3.4997e-003
tblVehicleEF	LDT2	4.8000e-003	0.05
tblVehicleEF	LDT2	0.73	0.86
tblVehicleEF	LDT2	1.03	2.18
tblVehicleEF	LDT2	356.77	327.66
tblVehicleEF	LDT2	76.37	65.84
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.08	0.23
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8340e-003	1.5139e-003

UCI - ICMC - Orange County, Annual

tblVehicleEF	LDT2	2.2690e-003	1.7024e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6860e-003	1.3934e-003
tblVehicleEF	LDT2	2.0860e-003	1.5653e-003
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.35
tblVehicleEF	LDT2	0.06	0.24
tblVehicleEF	LDT2	3.5730e-003	3.2415e-003
tblVehicleEF	LDT2	7.8100e-004	6.5155e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.05	0.35
tblVehicleEF	LDT2	0.07	0.27
tblVehicleEF	LDT2	4.8770e-003	3.2305e-003
tblVehicleEF	LDT2	5.4400e-003	0.06
tblVehicleEF	LDT2	0.65	0.76
tblVehicleEF	LDT2	1.22	2.60
tblVehicleEF	LDT2	337.54	313.79
tblVehicleEF	LDT2	76.37	66.62
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.09	0.25

UCI - ICMC - Orange County, Annual

tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8340e-003	1.5139e-003
tblVehicleEF	LDT2	2.2690e-003	1.7024e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6860e-003	1.3934e-003
tblVehicleEF	LDT2	2.0860e-003	1.5653e-003
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.07	0.28
tblVehicleEF	LDT2	3.3800e-003	3.1043e-003
tblVehicleEF	LDT2	7.8400e-004	6.5929e-004
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.08	0.30
tblVehicleEF	LHD1	5.1440e-003	5.3845e-003
tblVehicleEF	LHD1	8.3180e-003	4.0634e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.19
tblVehicleEF	LHD1	0.64	0.46

UCI - ICMC - Orange County, Annual

tblVehicleEF	LHD1	2.21	1.00
tblVehicleEF	LHD1	9.05	8.94
tblVehicleEF	LHD1	587.85	643.60
tblVehicleEF	LHD1	31.08	11.73
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	1.07	0.65
tblVehicleEF	LHD1	0.93	0.31
tblVehicleEF	LHD1	8.7400e-004	8.1190e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.7537e-003
tblVehicleEF	LHD1	9.7940e-003	6.6438e-003
tblVehicleEF	LHD1	8.1700e-004	2.3220e-004
tblVehicleEF	LHD1	8.3600e-004	7.7678e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5470e-003	2.4384e-003
tblVehicleEF	LHD1	9.3500e-003	6.3321e-003
tblVehicleEF	LHD1	7.5200e-004	2.1350e-004
tblVehicleEF	LHD1	2.5990e-003	2.0069e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.6860e-003	1.3024e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.27	0.42
tblVehicleEF	LHD1	0.22	0.07
tblVehicleEF	LHD1	9.1000e-005	8.6787e-005
tblVehicleEF	LHD1	5.7610e-003	6.2796e-003
tblVehicleEF	LHD1	3.5200e-004	1.1603e-004

UCI - ICMC - Orange County, Annual

tblVehicleEF	LHD1	2.5990e-003	2.0069e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.6860e-003	1.3024e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.27	0.42
tblVehicleEF	LHD1	0.25	0.07
tblVehicleEF	LHD1	5.1440e-003	5.3956e-003
tblVehicleEF	LHD1	8.4720e-003	4.1291e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.19
tblVehicleEF	LHD1	0.65	0.47
tblVehicleEF	LHD1	2.11	0.96
tblVehicleEF	LHD1	9.05	8.94
tblVehicleEF	LHD1	587.85	643.61
tblVehicleEF	LHD1	31.08	11.65
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	1.00	0.61
tblVehicleEF	LHD1	0.90	0.30
tblVehicleEF	LHD1	8.7400e-004	8.1190e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.7537e-003
tblVehicleEF	LHD1	9.7940e-003	6.6438e-003
tblVehicleEF	LHD1	8.1700e-004	2.3220e-004
tblVehicleEF	LHD1	8.3600e-004	7.7678e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5470e-003	2.4384e-003

UCI - ICMC - Orange County, Annual

tblVehicleEF	LHD1	9.3500e-003	6.3321e-003
tblVehicleEF	LHD1	7.5200e-004	2.1350e-004
tblVehicleEF	LHD1	3.6240e-003	2.8071e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.2760e-003	1.7674e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.26	0.40
tblVehicleEF	LHD1	0.22	0.06
tblVehicleEF	LHD1	9.1000e-005	8.6787e-005
tblVehicleEF	LHD1	5.7620e-003	6.2797e-003
tblVehicleEF	LHD1	3.5100e-004	1.1532e-004
tblVehicleEF	LHD1	3.6240e-003	2.8071e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	2.2760e-003	1.7674e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.26	0.40
tblVehicleEF	LHD1	0.24	0.07
tblVehicleEF	LHD1	5.1440e-003	5.3824e-003
tblVehicleEF	LHD1	8.2770e-003	4.0457e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.19
tblVehicleEF	LHD1	0.64	0.46
tblVehicleEF	LHD1	2.22	1.00
tblVehicleEF	LHD1	9.05	8.94
tblVehicleEF	LHD1	587.85	643.59

UCI - ICMC - Orange County, Annual

tblVehicleEF	LHD1	31.08	11.74
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	1.05	0.64
tblVehicleEF	LHD1	0.94	0.31
tblVehicleEF	LHD1	8.7400e-004	8.1190e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.7537e-003
tblVehicleEF	LHD1	9.7940e-003	6.6438e-003
tblVehicleEF	LHD1	8.1700e-004	2.3220e-004
tblVehicleEF	LHD1	8.3600e-004	7.7678e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5470e-003	2.4384e-003
tblVehicleEF	LHD1	9.3500e-003	6.3321e-003
tblVehicleEF	LHD1	7.5200e-004	2.1350e-004
tblVehicleEF	LHD1	2.6790e-003	2.0730e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.7000e-003	1.3162e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.29	0.45
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	9.1000e-005	8.6787e-005
tblVehicleEF	LHD1	5.7610e-003	6.2796e-003
tblVehicleEF	LHD1	3.5300e-004	1.1614e-004
tblVehicleEF	LHD1	2.6790e-003	2.0730e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03

UCI - ICMC - Orange County, Annual

tblVehicleEF	LHD1	1.7000e-003	1.3162e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.29	0.45
tblVehicleEF	LHD1	0.25	0.07
tblVehicleEF	LHD2	3.7290e-003	3.8794e-003
tblVehicleEF	LHD2	3.3120e-003	3.0662e-003
tblVehicleEF	LHD2	7.2560e-003	9.8116e-003
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.29	0.34
tblVehicleEF	LHD2	1.18	0.68
tblVehicleEF	LHD2	13.67	13.53
tblVehicleEF	LHD2	604.69	653.28
tblVehicleEF	LHD2	26.72	9.28
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.64	0.74
tblVehicleEF	LHD2	0.51	0.22
tblVehicleEF	LHD2	1.1580e-003	1.2540e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.8100e-003	9.7310e-003
tblVehicleEF	LHD2	4.1000e-004	1.3374e-004
tblVehicleEF	LHD2	1.1080e-003	1.1997e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6650e-003	2.6360e-003
tblVehicleEF	LHD2	8.4170e-003	9.2961e-003
tblVehicleEF	LHD2	3.7700e-004	1.2297e-004
tblVehicleEF	LHD2	9.7400e-004	1.2825e-003

UCI - ICMC - Orange County, Annual

tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.8200e-004	8.5779e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.07	0.26
tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	1.3400e-004	1.2968e-004
tblVehicleEF	LHD2	5.8880e-003	6.3215e-003
tblVehicleEF	LHD2	2.8800e-004	9.1841e-005
tblVehicleEF	LHD2	9.7400e-004	1.2825e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.8200e-004	8.5779e-004
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.07	0.26
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	3.7290e-003	3.8874e-003
tblVehicleEF	LHD2	3.3450e-003	3.0936e-003
tblVehicleEF	LHD2	7.0320e-003	9.5029e-003
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.29	0.34
tblVehicleEF	LHD2	1.13	0.65
tblVehicleEF	LHD2	13.67	13.53
tblVehicleEF	LHD2	604.69	653.28
tblVehicleEF	LHD2	26.72	9.23
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.61	0.70

UCI - ICMC - Orange County, Annual

tblVehicleEF	LHD2	0.49	0.21
tblVehicleEF	LHD2	1.1580e-003	1.2540e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.8100e-003	9.7310e-003
tblVehicleEF	LHD2	4.1000e-004	1.3374e-004
tblVehicleEF	LHD2	1.1080e-003	1.1997e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6650e-003	2.6360e-003
tblVehicleEF	LHD2	8.4170e-003	9.2961e-003
tblVehicleEF	LHD2	3.7700e-004	1.2297e-004
tblVehicleEF	LHD2	1.3660e-003	1.7960e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	9.2300e-004	1.1646e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.07	0.25
tblVehicleEF	LHD2	0.09	0.05
tblVehicleEF	LHD2	1.3400e-004	1.2968e-004
tblVehicleEF	LHD2	5.8880e-003	6.3216e-003
tblVehicleEF	LHD2	2.8800e-004	9.1357e-005
tblVehicleEF	LHD2	1.3660e-003	1.7960e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.2300e-004	1.1646e-003
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.07	0.25

UCI - ICMC - Orange County, Annual

tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	3.7290e-003	3.8779e-003
tblVehicleEF	LHD2	3.3030e-003	3.0589e-003
tblVehicleEF	LHD2	7.3020e-003	9.8750e-003
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.29	0.34
tblVehicleEF	LHD2	1.18	0.68
tblVehicleEF	LHD2	13.67	13.53
tblVehicleEF	LHD2	604.69	653.27
tblVehicleEF	LHD2	26.72	9.29
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.63	0.73
tblVehicleEF	LHD2	0.51	0.22
tblVehicleEF	LHD2	1.1580e-003	1.2540e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.8100e-003	9.7310e-003
tblVehicleEF	LHD2	4.1000e-004	1.3374e-004
tblVehicleEF	LHD2	1.1080e-003	1.1997e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6650e-003	2.6360e-003
tblVehicleEF	LHD2	8.4170e-003	9.2961e-003
tblVehicleEF	LHD2	3.7700e-004	1.2297e-004
tblVehicleEF	LHD2	9.7300e-004	1.2991e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.7600e-004	8.5089e-004

UCI - ICMC - Orange County, Annual

tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.08	0.28
tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	1.3400e-004	1.2968e-004
tblVehicleEF	LHD2	5.8880e-003	6.3215e-003
tblVehicleEF	LHD2	2.8800e-004	9.1917e-005
tblVehicleEF	LHD2	9.7300e-004	1.2991e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.7600e-004	8.5089e-004
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.08	0.28
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	MCY	0.49	0.35
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.11	18.34
tblVehicleEF	MCY	9.59	8.48
tblVehicleEF	MCY	178.39	214.43
tblVehicleEF	MCY	44.52	59.44
tblVehicleEF	MCY	1.12	1.12
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.2180e-003	2.2005e-003
tblVehicleEF	MCY	3.6330e-003	3.0777e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003

UCI - ICMC - Orange County, Annual

tblVehicleEF	MCY	2.0720e-003	2.0559e-003
tblVehicleEF	MCY	3.4160e-003	2.8938e-003
tblVehicleEF	MCY	1.13	1.15
tblVehicleEF	MCY	0.67	0.69
tblVehicleEF	MCY	0.69	0.71
tblVehicleEF	MCY	2.35	2.37
tblVehicleEF	MCY	0.62	1.91
tblVehicleEF	MCY	2.03	1.80
tblVehicleEF	MCY	2.1510e-003	2.1219e-003
tblVehicleEF	MCY	6.6200e-004	5.8822e-004
tblVehicleEF	MCY	1.13	1.15
tblVehicleEF	MCY	0.67	0.69
tblVehicleEF	MCY	0.69	0.71
tblVehicleEF	MCY	2.93	2.94
tblVehicleEF	MCY	0.62	1.91
tblVehicleEF	MCY	2.21	1.96
tblVehicleEF	MCY	0.48	0.34
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	17.46	17.67
tblVehicleEF	MCY	8.83	7.76
tblVehicleEF	MCY	178.39	213.16
tblVehicleEF	MCY	44.52	57.68
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.2180e-003	2.2005e-003

UCI - ICMC - Orange County, Annual

tblVehicleEF	MCY	3.6330e-003	3.0777e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.0720e-003	2.0559e-003
tblVehicleEF	MCY	3.4160e-003	2.8938e-003
tblVehicleEF	MCY	1.69	1.73
tblVehicleEF	MCY	0.71	0.73
tblVehicleEF	MCY	1.10	1.12
tblVehicleEF	MCY	2.30	2.31
tblVehicleEF	MCY	0.58	1.79
tblVehicleEF	MCY	1.83	1.61
tblVehicleEF	MCY	2.1390e-003	2.1094e-003
tblVehicleEF	MCY	6.4300e-004	5.7079e-004
tblVehicleEF	MCY	1.69	1.73
tblVehicleEF	MCY	0.71	0.73
tblVehicleEF	MCY	1.10	1.12
tblVehicleEF	MCY	2.86	2.87
tblVehicleEF	MCY	0.58	1.79
tblVehicleEF	MCY	1.99	1.75
tblVehicleEF	MCY	0.49	0.35
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.21	18.44
tblVehicleEF	MCY	9.71	8.60
tblVehicleEF	MCY	178.39	214.62
tblVehicleEF	MCY	44.52	59.76
tblVehicleEF	MCY	1.09	1.09
tblVehicleEF	MCY	0.31	0.27

UCI - ICMC - Orange County, Annual

tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.2180e-003	2.2005e-003
tblVehicleEF	MCY	3.6330e-003	3.0777e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.0720e-003	2.0559e-003
tblVehicleEF	MCY	3.4160e-003	2.8938e-003
tblVehicleEF	MCY	1.25	1.27
tblVehicleEF	MCY	0.86	0.88
tblVehicleEF	MCY	0.73	0.75
tblVehicleEF	MCY	2.36	2.38
tblVehicleEF	MCY	0.71	2.20
tblVehicleEF	MCY	2.07	1.84
tblVehicleEF	MCY	2.1530e-003	2.1239e-003
tblVehicleEF	MCY	6.6500e-004	5.9133e-004
tblVehicleEF	MCY	1.25	1.27
tblVehicleEF	MCY	0.86	0.88
tblVehicleEF	MCY	0.73	0.75
tblVehicleEF	MCY	2.94	2.95
tblVehicleEF	MCY	0.71	2.20
tblVehicleEF	MCY	2.25	2.00
tblVehicleEF	MDV	9.1870e-003	4.2220e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.04	0.90
tblVehicleEF	MDV	2.15	2.83
tblVehicleEF	MDV	467.69	393.33

UCI - ICMC - Orange County, Annual

tblVehicleEF	MDV	101.87	80.90
tblVehicleEF	MDV	0.11	0.08
tblVehicleEF	MDV	0.19	0.30
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8820e-003	1.6172e-003
tblVehicleEF	MDV	2.2700e-003	1.7983e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7350e-003	1.4913e-003
tblVehicleEF	MDV	2.0880e-003	1.6536e-003
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.09	0.40
tblVehicleEF	MDV	0.16	0.34
tblVehicleEF	MDV	4.6820e-003	3.8882e-003
tblVehicleEF	MDV	1.0560e-003	8.0061e-004
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.09	0.40
tblVehicleEF	MDV	0.17	0.37
tblVehicleEF	MDV	9.6820e-003	4.4795e-003
tblVehicleEF	MDV	0.01	0.06

UCI - ICMC - Orange County, Annual

tblVehicleEF	MDV	1.13	0.98
tblVehicleEF	MDV	1.86	2.44
tblVehicleEF	MDV	486.30	403.90
tblVehicleEF	MDV	101.87	80.16
tblVehicleEF	MDV	0.10	0.07
tblVehicleEF	MDV	0.18	0.28
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8820e-003	1.6172e-003
tblVehicleEF	MDV	2.2700e-003	1.7983e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7350e-003	1.4913e-003
tblVehicleEF	MDV	2.0880e-003	1.6536e-003
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.09	0.37
tblVehicleEF	MDV	0.14	0.31
tblVehicleEF	MDV	4.8690e-003	3.9928e-003
tblVehicleEF	MDV	1.0510e-003	7.9330e-004
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.09	0.37

UCI - ICMC - Orange County, Annual

tblVehicleEF	MDV	0.16	0.34
tblVehicleEF	MDV	9.0170e-003	4.1396e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.01	0.87
tblVehicleEF	MDV	2.21	2.92
tblVehicleEF	MDV	460.81	389.43
tblVehicleEF	MDV	101.87	81.07
tblVehicleEF	MDV	0.10	0.07
tblVehicleEF	MDV	0.20	0.30
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8820e-003	1.6172e-003
tblVehicleEF	MDV	2.2700e-003	1.7983e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7350e-003	1.4913e-003
tblVehicleEF	MDV	2.0880e-003	1.6536e-003
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.16	0.14
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.11	0.47
tblVehicleEF	MDV	0.16	0.35
tblVehicleEF	MDV	4.6120e-003	3.8496e-003
tblVehicleEF	MDV	1.0570e-003	8.0221e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.16	0.14

UCI - ICMC - Orange County, Annual

tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.47
tblVehicleEF	MDV	0.18	0.38
tblVehicleEF	MH	0.02	7.6349e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.49	0.84
tblVehicleEF	MH	4.71	1.82
tblVehicleEF	MH	1,100.52	1,423.89
tblVehicleEF	MH	56.84	17.32
tblVehicleEF	MH	1.24	1.32
tblVehicleEF	MH	0.70	0.23
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	9.3800e-004	2.2417e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2410e-003	3.3068e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	8.6200e-004	2.0612e-004
tblVehicleEF	MH	0.80	0.67
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.36	0.30
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.02	1.05
tblVehicleEF	MH	0.28	0.08
tblVehicleEF	MH	0.01	0.01

UCI - ICMC - Orange County, Annual

tblVehicleEF	MH	6.5000e-004	1.7144e-004
tblVehicleEF	MH	0.80	0.67
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.36	0.30
tblVehicleEF	MH	0.09	0.06
tblVehicleEF	MH	0.02	1.05
tblVehicleEF	MH	0.30	0.09
tblVehicleEF	MH	0.02	7.7851e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.53	0.86
tblVehicleEF	MH	4.46	1.73
tblVehicleEF	MH	1,100.52	1,423.92
tblVehicleEF	MH	56.84	17.17
tblVehicleEF	MH	1.16	1.23
tblVehicleEF	MH	0.67	0.22
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	9.3800e-004	2.2417e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2410e-003	3.3068e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	8.6200e-004	2.0612e-004
tblVehicleEF	MH	1.07	0.91
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.48	0.41
tblVehicleEF	MH	0.07	0.05

UCI - ICMC - Orange County, Annual

tblVehicleEF	MH	0.02	1.02
tblVehicleEF	MH	0.27	0.08
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.4600e-004	1.6988e-004
tblVehicleEF	MH	1.07	0.91
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.48	0.41
tblVehicleEF	MH	0.09	0.07
tblVehicleEF	MH	0.02	1.02
tblVehicleEF	MH	0.29	0.09
tblVehicleEF	MH	0.02	7.5897e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.48	0.83
tblVehicleEF	MH	4.74	1.83
tblVehicleEF	MH	1,100.52	1,423.88
tblVehicleEF	MH	56.84	17.35
tblVehicleEF	MH	1.22	1.29
tblVehicleEF	MH	0.71	0.23
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	9.3800e-004	2.2417e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2410e-003	3.3068e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	8.6200e-004	2.0612e-004
tblVehicleEF	MH	0.87	0.73

UCI - ICMC - Orange County, Annual

tblVehicleEF	MH	0.07	0.06
tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.02	1.11
tblVehicleEF	MH	0.28	0.08
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.5100e-004	1.7170e-004
tblVehicleEF	MH	0.87	0.73
tblVehicleEF	MH	0.07	0.06
tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.09	0.06
tblVehicleEF	MH	0.02	1.11
tblVehicleEF	MH	0.30	0.09
tblVehicleEF	MHD	0.02	4.7658e-003
tblVehicleEF	MHD	2.9430e-003	1.3812e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.33	0.39
tblVehicleEF	MHD	0.26	0.19
tblVehicleEF	MHD	5.08	1.21
tblVehicleEF	MHD	141.00	53.16
tblVehicleEF	MHD	1,129.46	1,011.60
tblVehicleEF	MHD	58.21	12.50
tblVehicleEF	MHD	0.36	0.25
tblVehicleEF	MHD	0.69	0.95
tblVehicleEF	MHD	10.82	1.53
tblVehicleEF	MHD	7.6000e-005	1.9781e-004
tblVehicleEF	MHD	0.13	0.13

UCI - ICMC - Orange County, Annual

tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.7910e-003	5.6976e-003
tblVehicleEF	MHD	7.2300e-004	1.1541e-004
tblVehicleEF	MHD	7.2000e-005	1.8926e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.6680e-003	5.4456e-003
tblVehicleEF	MHD	6.6500e-004	1.0611e-004
tblVehicleEF	MHD	9.9700e-004	4.8129e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.7900e-004	3.4273e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.31	0.06
tblVehicleEF	MHD	1.3570e-003	5.0631e-004
tblVehicleEF	MHD	0.01	9.6794e-003
tblVehicleEF	MHD	6.7100e-004	1.2371e-004
tblVehicleEF	MHD	9.9700e-004	4.8129e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	6.7900e-004	3.4273e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.34	0.06
tblVehicleEF	MHD	0.01	4.5191e-003
tblVehicleEF	MHD	2.9770e-003	1.4067e-003

UCI - ICMC - Orange County, Annual

tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.24	0.32
tblVehicleEF	MHD	0.26	0.19
tblVehicleEF	MHD	4.84	1.16
tblVehicleEF	MHD	149.34	53.14
tblVehicleEF	MHD	1,129.46	1,011.61
tblVehicleEF	MHD	58.21	12.40
tblVehicleEF	MHD	0.37	0.24
tblVehicleEF	MHD	0.65	0.90
tblVehicleEF	MHD	10.79	1.52
tblVehicleEF	MHD	6.4000e-005	1.6898e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.7910e-003	5.6976e-003
tblVehicleEF	MHD	7.2300e-004	1.1541e-004
tblVehicleEF	MHD	6.1000e-005	1.6167e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.6680e-003	5.4456e-003
tblVehicleEF	MHD	6.6500e-004	1.0611e-004
tblVehicleEF	MHD	1.4050e-003	6.7948e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	9.3200e-004	4.6860e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.30	0.06

UCI - ICMC - Orange County, Annual

tblVehicleEF	MHD	1.4350e-003	5.0631e-004
tblVehicleEF	MHD	0.01	9.6795e-003
tblVehicleEF	MHD	6.6700e-004	1.2274e-004
tblVehicleEF	MHD	1.4050e-003	6.7948e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	9.3200e-004	4.6860e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.33	0.06
tblVehicleEF	MHD	0.02	5.1223e-003
tblVehicleEF	MHD	2.9330e-003	1.3724e-003
tblVehicleEF	MHD	0.05	0.01
tblVehicleEF	MHD	0.46	0.48
tblVehicleEF	MHD	0.26	0.19
tblVehicleEF	MHD	5.12	1.22
tblVehicleEF	MHD	129.46	53.18
tblVehicleEF	MHD	1,129.46	1,011.60
tblVehicleEF	MHD	58.21	12.52
tblVehicleEF	MHD	0.34	0.26
tblVehicleEF	MHD	0.68	0.93
tblVehicleEF	MHD	10.83	1.53
tblVehicleEF	MHD	9.2000e-005	2.3763e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.7910e-003	5.6976e-003
tblVehicleEF	MHD	7.2300e-004	1.1541e-004

UCI - ICMC - Orange County, Annual

tblVehicleEF	MHD	8.8000e-005	2.2735e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.6680e-003	5.4456e-003
tblVehicleEF	MHD	6.6500e-004	1.0611e-004
tblVehicleEF	MHD	1.0150e-003	4.7978e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.8500e-004	3.4117e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.11
tblVehicleEF	MHD	0.32	0.06
tblVehicleEF	MHD	1.2480e-003	5.0623e-004
tblVehicleEF	MHD	0.01	9.6794e-003
tblVehicleEF	MHD	6.7200e-004	1.2390e-004
tblVehicleEF	MHD	1.0150e-003	4.7978e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.8500e-004	3.4117e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.11
tblVehicleEF	MHD	0.35	0.06
tblVehicleEF	OBUS	0.01	8.6761e-003
tblVehicleEF	OBUS	5.8760e-003	4.8662e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.55
tblVehicleEF	OBUS	0.43	0.61

UCI - ICMC - Orange County, Annual

tblVehicleEF	OBUS	5.05	2.32
tblVehicleEF	OBUS	76.29	77.70
tblVehicleEF	OBUS	1,208.63	1,354.39
tblVehicleEF	OBUS	69.33	19.82
tblVehicleEF	OBUS	0.15	0.29
tblVehicleEF	OBUS	0.55	0.97
tblVehicleEF	OBUS	1.99	0.75
tblVehicleEF	OBUS	1.4000e-005	9.7570e-005
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.3250e-003	6.0792e-003
tblVehicleEF	OBUS	8.7700e-004	1.9850e-004
tblVehicleEF	OBUS	1.3000e-005	9.3349e-005
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.2060e-003	5.8002e-003
tblVehicleEF	OBUS	8.0600e-004	1.8251e-004
tblVehicleEF	OBUS	1.3670e-003	1.7572e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.5000e-004	9.4778e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.04	0.23
tblVehicleEF	OBUS	0.32	0.11
tblVehicleEF	OBUS	7.4000e-004	7.4054e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8200e-004	1.9609e-004

UCI - ICMC - Orange County, Annual

tblVehicleEF	OBUS	1.3670e-003	1.7572e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	7.5000e-004	9.4778e-004
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.04	0.23
tblVehicleEF	OBUS	0.35	0.12
tblVehicleEF	OBUS	0.01	8.7517e-003
tblVehicleEF	OBUS	5.9810e-003	4.9687e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.55
tblVehicleEF	OBUS	0.43	0.62
tblVehicleEF	OBUS	4.79	2.20
tblVehicleEF	OBUS	79.82	76.85
tblVehicleEF	OBUS	1,208.63	1,354.41
tblVehicleEF	OBUS	69.33	19.61
tblVehicleEF	OBUS	0.16	0.28
tblVehicleEF	OBUS	0.51	0.91
tblVehicleEF	OBUS	1.96	0.74
tblVehicleEF	OBUS	1.2000e-005	8.6697e-005
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.3250e-003	6.0792e-003
tblVehicleEF	OBUS	8.7700e-004	1.9850e-004
tblVehicleEF	OBUS	1.1000e-005	8.2947e-005
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003

UCI - ICMC - Orange County, Annual

tblVehicleEF	OBUS	2.2060e-003	5.8002e-003
tblVehicleEF	OBUS	8.0600e-004	1.8251e-004
tblVehicleEF	OBUS	1.8810e-003	2.4024e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.0260e-003	1.2829e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	7.7400e-004	7.3248e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7700e-004	1.9409e-004
tblVehicleEF	OBUS	1.8810e-003	2.4024e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	1.0260e-003	1.2829e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.33	0.12
tblVehicleEF	OBUS	0.01	8.5929e-003
tblVehicleEF	OBUS	5.8450e-003	4.8362e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.56
tblVehicleEF	OBUS	0.43	0.60
tblVehicleEF	OBUS	5.09	2.34
tblVehicleEF	OBUS	71.43	78.88
tblVehicleEF	OBUS	1,208.63	1,354.38

UCI - ICMC - Orange County, Annual

tblVehicleEF	OBUS	69.33	19.85
tblVehicleEF	OBUS	0.15	0.31
tblVehicleEF	OBUS	0.54	0.96
tblVehicleEF	OBUS	2.00	0.75
tblVehicleEF	OBUS	1.7000e-005	1.1258e-004
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.3250e-003	6.0792e-003
tblVehicleEF	OBUS	8.7700e-004	1.9850e-004
tblVehicleEF	OBUS	1.6000e-005	1.0771e-004
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.2060e-003	5.8002e-003
tblVehicleEF	OBUS	8.0600e-004	1.8251e-004
tblVehicleEF	OBUS	1.3790e-003	1.7846e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.4200e-004	9.4326e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.04	0.24
tblVehicleEF	OBUS	0.32	0.11
tblVehicleEF	OBUS	6.9400e-004	7.5167e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8300e-004	1.9642e-004
tblVehicleEF	OBUS	1.3790e-003	1.7846e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.06

UCI - ICMC - Orange County, Annual

tblVehicleEF	OBUS	7.4200e-004	9.4326e-004
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.04	0.24
tblVehicleEF	OBUS	0.35	0.13
tblVehicleEF	SBUS	0.84	0.08
tblVehicleEF	SBUS	0.02	9.9036e-003
tblVehicleEF	SBUS	0.08	7.9001e-003
tblVehicleEF	SBUS	8.38	3.16
tblVehicleEF	SBUS	1.03	0.90
tblVehicleEF	SBUS	8.97	1.09
tblVehicleEF	SBUS	1,100.64	359.03
tblVehicleEF	SBUS	1,073.61	1,094.78
tblVehicleEF	SBUS	56.82	6.39
tblVehicleEF	SBUS	8.42	3.59
tblVehicleEF	SBUS	3.91	5.50
tblVehicleEF	SBUS	11.93	0.68
tblVehicleEF	SBUS	8.0260e-003	5.0547e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.8700e-004	7.2110e-005
tblVehicleEF	SBUS	7.6790e-003	4.8360e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6630e-003	2.6315e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.0700e-004	6.6302e-005
tblVehicleEF	SBUS	3.3970e-003	1.1280e-003

UCI - ICMC - Orange County, Annual

tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.00	0.38
tblVehicleEF	SBUS	1.9330e-003	6.2414e-004
tblVehicleEF	SBUS	0.11	0.12
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.47	0.05
tblVehicleEF	SBUS	0.01	3.4304e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	7.2400e-004	6.3230e-005
tblVehicleEF	SBUS	3.3970e-003	1.1280e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.44	0.54
tblVehicleEF	SBUS	1.9330e-003	6.2414e-004
tblVehicleEF	SBUS	0.14	0.14
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.52	0.05
tblVehicleEF	SBUS	0.84	0.08
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.07	7.0991e-003
tblVehicleEF	SBUS	8.27	3.12
tblVehicleEF	SBUS	1.04	0.91
tblVehicleEF	SBUS	7.41	0.90
tblVehicleEF	SBUS	1,149.38	368.93
tblVehicleEF	SBUS	1,073.61	1,094.80
tblVehicleEF	SBUS	56.82	6.07
tblVehicleEF	SBUS	8.69	3.69
tblVehicleEF	SBUS	3.69	5.19

UCI - ICMC - Orange County, Annual

tblVehicleEF	SBUS	11.90	0.68
tblVehicleEF	SBUS	6.7660e-003	4.2669e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.8700e-004	7.2110e-005
tblVehicleEF	SBUS	6.4740e-003	4.0823e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6630e-003	2.6315e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.0700e-004	6.6302e-005
tblVehicleEF	SBUS	4.6630e-003	1.5458e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.00	0.38
tblVehicleEF	SBUS	2.6350e-003	8.4887e-004
tblVehicleEF	SBUS	0.11	0.12
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.42	0.04
tblVehicleEF	SBUS	0.01	3.5240e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.9700e-004	6.0101e-005
tblVehicleEF	SBUS	4.6630e-003	1.5458e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.44	0.54
tblVehicleEF	SBUS	2.6350e-003	8.4887e-004
tblVehicleEF	SBUS	0.14	0.14
tblVehicleEF	SBUS	0.01	0.06

UCI - ICMC - Orange County, Annual

tblVehicleEF	SBUS	0.46	0.05
tblVehicleEF	SBUS	0.84	0.08
tblVehicleEF	SBUS	0.02	9.8706e-003
tblVehicleEF	SBUS	0.08	8.0150e-003
tblVehicleEF	SBUS	8.52	3.21
tblVehicleEF	SBUS	1.02	0.89
tblVehicleEF	SBUS	9.12	1.11
tblVehicleEF	SBUS	1,033.33	345.35
tblVehicleEF	SBUS	1,073.61	1,094.77
tblVehicleEF	SBUS	56.82	6.42
tblVehicleEF	SBUS	8.05	3.46
tblVehicleEF	SBUS	3.84	5.41
tblVehicleEF	SBUS	11.94	0.68
tblVehicleEF	SBUS	9.7670e-003	6.1427e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.8700e-004	7.2110e-005
tblVehicleEF	SBUS	9.3440e-003	5.8770e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6630e-003	2.6315e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.0700e-004	6.6302e-005
tblVehicleEF	SBUS	3.3440e-003	1.1181e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.00	0.38
tblVehicleEF	SBUS	1.8840e-003	6.0675e-004

UCI - ICMC - Orange County, Annual

tblVehicleEF	SBUS	0.11	0.12
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.48	0.05
tblVehicleEF	SBUS	0.01	3.3012e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	7.2600e-004	6.3529e-005
tblVehicleEF	SBUS	3.3440e-003	1.1181e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.45	0.54
tblVehicleEF	SBUS	1.8840e-003	6.0675e-004
tblVehicleEF	SBUS	0.14	0.14
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.52	0.05
tblVehicleEF	UBUS	1.69	5.27
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	8.06	41.13
tblVehicleEF	UBUS	12.43	1.81
tblVehicleEF	UBUS	1,803.73	2,036.06
tblVehicleEF	UBUS	136.85	20.35
tblVehicleEF	UBUS	3.94	0.44
tblVehicleEF	UBUS	13.12	0.17
tblVehicleEF	UBUS	0.52	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.03	3.0694e-003
tblVehicleEF	UBUS	1.2820e-003	1.7020e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003

UCI - ICMC - Orange County, Annual

tblVehicleEF	UBUS	0.03	2.9232e-003
tblVehicleEF	UBUS	1.1780e-003	1.5649e-004
tblVehicleEF	UBUS	5.8750e-003	8.5879e-004
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	3.5880e-003	6.5275e-004
tblVehicleEF	UBUS	0.44	0.08
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	0.94	0.10
tblVehicleEF	UBUS	8.5770e-003	3.8203e-003
tblVehicleEF	UBUS	1.5920e-003	2.0134e-004
tblVehicleEF	UBUS	5.8750e-003	8.5879e-004
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	3.5880e-003	6.5275e-004
tblVehicleEF	UBUS	2.18	5.39
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.03	0.11
tblVehicleEF	UBUS	1.69	5.27
tblVehicleEF	UBUS	0.06	0.02
tblVehicleEF	UBUS	8.11	41.13
tblVehicleEF	UBUS	10.96	1.61
tblVehicleEF	UBUS	1,803.73	2,036.06
tblVehicleEF	UBUS	136.85	20.00
tblVehicleEF	UBUS	3.69	0.44
tblVehicleEF	UBUS	13.05	0.16
tblVehicleEF	UBUS	0.52	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.03	3.0694e-003

UCI - ICMC - Orange County, Annual

tblVehicleEF	UBUS	1.2820e-003	1.7020e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003
tblVehicleEF	UBUS	0.03	2.9232e-003
tblVehicleEF	UBUS	1.1780e-003	1.5649e-004
tblVehicleEF	UBUS	7.8850e-003	1.1874e-003
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	4.7730e-003	9.0804e-004
tblVehicleEF	UBUS	0.44	0.08
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	0.87	0.09
tblVehicleEF	UBUS	8.5780e-003	3.8204e-003
tblVehicleEF	UBUS	1.5670e-003	1.9788e-004
tblVehicleEF	UBUS	7.8850e-003	1.1874e-003
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	4.7730e-003	9.0804e-004
tblVehicleEF	UBUS	2.18	5.39
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	0.95	0.10
tblVehicleEF	UBUS	1.69	5.27
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	8.05	41.13
tblVehicleEF	UBUS	12.68	1.85
tblVehicleEF	UBUS	1,803.73	2,036.05
tblVehicleEF	UBUS	136.85	20.41
tblVehicleEF	UBUS	3.86	0.44
tblVehicleEF	UBUS	13.14	0.17

UCI - ICMC - Orange County, Annual

tblVehicleEF	UBUS	0.52	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.03	3.0694e-003
tblVehicleEF	UBUS	1.2820e-003	1.7020e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003
tblVehicleEF	UBUS	0.03	2.9232e-003
tblVehicleEF	UBUS	1.1780e-003	1.5649e-004
tblVehicleEF	UBUS	6.5460e-003	8.7770e-004
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.7380e-003	6.3665e-004
tblVehicleEF	UBUS	0.43	0.08
tblVehicleEF	UBUS	0.04	0.08
tblVehicleEF	UBUS	0.95	0.10
tblVehicleEF	UBUS	8.5770e-003	3.8203e-003
tblVehicleEF	UBUS	1.5960e-003	2.0197e-004
tblVehicleEF	UBUS	6.5460e-003	8.7770e-004
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.7380e-003	6.3665e-004
tblVehicleEF	UBUS	2.17	5.39
tblVehicleEF	UBUS	0.04	0.08
tblVehicleEF	UBUS	1.04	0.11
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PB_TP	10.00	0.00
tblVehicleTrips	PR_TP	73.00	100.00

UCI - ICMC - Orange County, Annual

tblVehicleTrips	PR_TP	60.00	100.00
tblVehicleTrips	ST_TR	8.14	10.87
tblVehicleTrips	ST_TR	8.96	6.68
tblVehicleTrips	SU_TR	7.19	9.60
tblVehicleTrips	SU_TR	1.55	1.16
tblVehicleTrips	WD_TR	12.94	17.28
tblVehicleTrips	WD_TR	36.13	26.94

2.0 Emissions Summary

UCI - ICMC - Orange County, Annual

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.6779	6.5001	5.6022	0.0195	1.1389	0.1842	1.3231	0.3564	0.1724	0.5288	0.0000	1,816.482 2	1,816.482 2	0.1828	0.0000	1,821.051 2
2022	1.0362	9.4285	9.1688	0.0332	1.7738	0.2292	2.0030	0.4792	0.2156	0.6948	0.0000	3,091.949 5	3,091.949 5	0.2740	0.0000	3,098.800 5
2023	3.6335	5.5709	6.5682	0.0232	1.2813	0.1485	1.4298	0.3457	0.1398	0.4854	0.0000	2,148.666 0	2,148.666 0	0.1926	0.0000	2,153.481 8
Maximum	3.6335	9.4285	9.1688	0.0332	1.7738	0.2292	2.0030	0.4792	0.2156	0.6948	0.0000	3,091.949 5	3,091.949 5	0.2740	0.0000	3,098.800 5

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.6779	6.5001	5.6022	0.0195	0.9501	0.1842	1.1343	0.2775	0.1724	0.4499	0.0000	1,816.481 7	1,816.481 7	0.1828	0.0000	1,821.050 7
2022	1.0362	9.4285	9.1688	0.0332	1.6404	0.2292	1.8696	0.4464	0.2156	0.6621	0.0000	3,091.948 8	3,091.948 8	0.2740	0.0000	3,098.799 8
2023	3.6335	5.5709	6.5682	0.0232	1.1846	0.1485	1.3331	0.3220	0.1398	0.4617	0.0000	2,148.665 4	2,148.665 4	0.1926	0.0000	2,153.481 2
Maximum	3.6335	9.4285	9.1688	0.0332	1.6404	0.2292	1.8696	0.4464	0.2156	0.6621	0.0000	3,091.948 8	3,091.948 8	0.2740	0.0000	3,098.799 8

UCI - ICMC - Orange County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	9.99	0.00	8.81	11.46	0.00	7.92	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	4-5-2021	7-4-2021	1.4674	1.4674
2	7-5-2021	10-4-2021	2.8364	2.8364
3	10-5-2021	1-4-2022	2.8472	2.8472
4	1-5-2022	4-4-2022	2.5770	2.5770
5	4-5-2022	7-4-2022	2.5873	2.5873
6	7-5-2022	10-4-2022	2.6166	2.6166
7	10-5-2022	1-4-2023	2.6336	2.6336
8	1-5-2023	4-4-2023	3.0881	3.0881
9	4-5-2023	7-4-2023	3.0340	3.0340
10	7-5-2023	9-30-2023	2.1684	2.1684
		Highest	3.0881	3.0881

UCI - ICMC - Orange County, Annual

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.3112	2.0000e-004	0.0218	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0423	0.0423	1.1000e-004	0.0000	0.0451
Energy	0.1279	1.1626	0.9766	6.9800e-003		0.0884	0.0884		0.0884	0.0884	0.0000	3,662.9169	3,662.9169	0.1551	0.0503	3,681.7739
Mobile	2.6866	5.2388	31.7819	0.1036	10.7273	0.0704	10.7977	2.8695	0.0656	2.9351	0.0000	9,689.2897	9,689.2897	0.5471	0.0000	9,702.9659
Stationary	0.9694	0.5402	3.9743	0.0149		0.1531	0.1531		0.1531	0.1531	0.0000	2,352.0156	2,352.0156	0.0940	0.0000	2,354.3656
Waste						0.0000	0.0000		0.0000	0.0000	578.6217	0.0000	578.6217	34.1956	0.0000	1,433.5107
Water						0.0000	0.0000		0.0000	0.0000	13.0602	150.2128	163.2730	1.3496	0.0334	206.9571
Total	6.0950	6.9418	36.7545	0.1255	10.7273	0.3119	11.0392	2.8695	0.3071	3.1766	591.6818	15,854.4773	16,446.1591	36.3414	0.0836	17,379.6183

UCI - ICMC - Orange County, Annual

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.3112	2.0000e-004	0.0218	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0423	0.0423	1.1000e-004	0.0000	0.0451
Energy	0.0730	0.6640	0.5578	3.9800e-003		0.0505	0.0505		0.0505	0.0505	0.0000	2,688.2269	2,688.2269	0.1211	0.0354	2,701.8161
Mobile	2.6137	4.8188	29.2238	0.0935	9.6546	0.0639	9.7184	2.5825	0.0595	2.6420	0.0000	8,738.8808	8,738.8808	0.5048	0.0000	8,751.4999
Stationary	0.9694	0.5402	3.9743	0.0149		0.1531	0.1531		0.1531	0.1531	0.0000	2,352.0156	2,352.0156	0.0940	0.0000	2,354.3656
Waste						0.0000	0.0000		0.0000	0.0000	289.3108	0.0000	289.3108	17.0978	0.0000	716.7554
Water						0.0000	0.0000		0.0000	0.0000	10.4481	123.0892	133.5374	1.0798	0.0267	168.4984
Total	5.9673	6.0232	33.7775	0.1124	9.6546	0.2675	9.9220	2.5825	0.2631	2.8456	299.7590	13,902.2548	14,202.0137	18.8976	0.0622	14,692.9805

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	2.10	13.23	8.10	10.49	10.00	14.25	10.12	10.00	14.33	10.42	49.34	12.31	13.65	48.00	25.67	15.46

3.0 Construction Detail

Construction Phase

UCI - ICMC - Orange County, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition phase A	Demolition	4/5/2021	4/30/2021	5	20	
2	Site Preparation phase A	Site Preparation	5/1/2021	5/14/2021	5	10	
3	Grading phase A	Grading	5/15/2021	6/25/2021	5	30	
4	Building Construction Phase B	Building Construction	6/28/2021	6/30/2023	5	525	
5	Building Construction Phase C	Building Construction	6/28/2021	10/31/2023	5	612	
6	Paving Phase B	Paving	1/1/2023	1/31/2023	5	22	
7	Architectural Coating Phase B	Architectural Coating	2/1/2023	5/31/2023	5	86	
8	Paving Phase C	Paving	6/1/2023	6/30/2023	5	22	
9	Architectural Coating Phase C	Architectural Coating	7/1/2023	10/31/2023	5	87	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 7.3

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 877,500; Non-Residential Outdoor: 292,500; Striped Parking Area: 45,592 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition phase A	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition phase A	Excavators	3	8.00	158	0.38
Demolition phase A	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation phase A	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation phase A	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading phase A	Excavators	1	8.00	158	0.38
Grading phase A	Graders	1	8.00	187	0.41

UCI - ICMC - Orange County, Annual

Grading phase A	Rubber Tired Dozers	1	8.00	247	0.40
Grading phase A	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction Phase B	Cranes	1	7.00	231	0.29
Building Construction Phase B	Forklifts	3	8.00	89	0.20
Building Construction Phase B	Generator Sets	1	8.00	84	0.74
Building Construction Phase B	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction Phase B	Welders	1	8.00	46	0.45
Building Construction Phase C	Cranes	1	7.00	231	0.29
Building Construction Phase C	Forklifts	3	8.00	89	0.20
Building Construction Phase C	Generator Sets	1	8.00	84	0.74
Building Construction Phase C	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction Phase C	Welders	1	8.00	46	0.45
Paving Phase B	Pavers	2	8.00	130	0.42
Paving Phase B	Paving Equipment	2	8.00	132	0.36
Paving Phase B	Rollers	2	8.00	80	0.38
Architectural Coating Phase B	Air Compressors	1	6.00	78	0.48
Paving Phase C	Pavers	2	8.00	130	0.42
Paving Phase C	Paving Equipment	2	8.00	132	0.36
Paving Phase C	Rollers	2	8.00	80	0.38
Architectural Coating Phase C	Air Compressors	1	6.00	78	0.48

Trips and VMT

UCI - ICMC - Orange County, Annual

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition phase A	6	15.00	0.00	32.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation phase A	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading phase A	6	15.00	0.00	2,268.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Phase B	9	497.00	217.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Phase C	9	497.00	217.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving Phase B	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating Phase B	1	99.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving Phase C	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating Phase C	1	99.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

UCI - ICMC - Orange County, Annual

3.2 Demolition phase A - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.4500e-003	0.0000	3.4500e-003	5.2000e-004	0.0000	5.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0317	0.3144	0.2157	3.9000e-004		0.0155	0.0155		0.0144	0.0144	0.0000	34.0008	34.0008	9.5700e-003	0.0000	34.2400
Total	0.0317	0.3144	0.2157	3.9000e-004	3.4500e-003	0.0155	0.0190	5.2000e-004	0.0144	0.0149	0.0000	34.0008	34.0008	9.5700e-003	0.0000	34.2400

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.2000e-004	4.1900e-003	1.1400e-003	1.0000e-005	2.7000e-004	1.0000e-005	2.9000e-004	8.0000e-005	1.0000e-005	9.0000e-005	0.0000	1.2153	1.2153	1.3000e-004	0.0000	1.2185
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.5000e-004	3.7000e-004	4.3100e-003	2.0000e-005	1.6500e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.3758	1.3758	3.0000e-005	0.0000	1.3765
Total	6.7000e-004	4.5600e-003	5.4500e-003	3.0000e-005	1.9200e-003	2.0000e-005	1.9500e-003	5.2000e-004	2.0000e-005	5.4000e-004	0.0000	2.5911	2.5911	1.6000e-004	0.0000	2.5950

UCI - ICMC - Orange County, Annual

3.2 Demolition phase A - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3400e-003	0.0000	1.3400e-003	2.0000e-004	0.0000	2.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0317	0.3144	0.2157	3.9000e-004		0.0155	0.0155		0.0144	0.0144	0.0000	34.0007	34.0007	9.5700e-003	0.0000	34.2400
Total	0.0317	0.3144	0.2157	3.9000e-004	1.3400e-003	0.0155	0.0169	2.0000e-004	0.0144	0.0146	0.0000	34.0007	34.0007	9.5700e-003	0.0000	34.2400

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.2000e-004	4.1900e-003	1.1400e-003	1.0000e-005	2.6000e-004	1.0000e-005	2.7000e-004	7.0000e-005	1.0000e-005	8.0000e-005	0.0000	1.2153	1.2153	1.3000e-004	0.0000	1.2185
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.5000e-004	3.7000e-004	4.3100e-003	2.0000e-005	1.5200e-003	1.0000e-005	1.5300e-003	4.1000e-004	1.0000e-005	4.2000e-004	0.0000	1.3758	1.3758	3.0000e-005	0.0000	1.3765
Total	6.7000e-004	4.5600e-003	5.4500e-003	3.0000e-005	1.7800e-003	2.0000e-005	1.8000e-003	4.8000e-004	2.0000e-005	5.0000e-004	0.0000	2.5911	2.5911	1.6000e-004	0.0000	2.5950

UCI - ICMC - Orange County, Annual

3.3 Site Preparation phase A - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0194	0.2025	0.1058	1.9000e-004		0.0102	0.0102		9.4000e-003	9.4000e-003	0.0000	16.7179	16.7179	5.4100e-003	0.0000	16.8530
Total	0.0194	0.2025	0.1058	1.9000e-004	0.0903	0.0102	0.1006	0.0497	9.4000e-003	0.0591	0.0000	16.7179	16.7179	5.4100e-003	0.0000	16.8530

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3000e-004	2.2000e-004	2.5900e-003	1.0000e-005	9.9000e-004	1.0000e-005	9.9000e-004	2.6000e-004	1.0000e-005	2.7000e-004	0.0000	0.8255	0.8255	2.0000e-005	0.0000	0.8259
Total	3.3000e-004	2.2000e-004	2.5900e-003	1.0000e-005	9.9000e-004	1.0000e-005	9.9000e-004	2.6000e-004	1.0000e-005	2.7000e-004	0.0000	0.8255	0.8255	2.0000e-005	0.0000	0.8259

UCI - ICMC - Orange County, Annual

3.3 Site Preparation phase A - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0352	0.0000	0.0352	0.0194	0.0000	0.0194	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0194	0.2025	0.1058	1.9000e-004		0.0102	0.0102		9.4000e-003	9.4000e-003	0.0000	16.7178	16.7178	5.4100e-003	0.0000	16.8530
Total	0.0194	0.2025	0.1058	1.9000e-004	0.0352	0.0102	0.0455	0.0194	9.4000e-003	0.0288	0.0000	16.7178	16.7178	5.4100e-003	0.0000	16.8530

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3000e-004	2.2000e-004	2.5900e-003	1.0000e-005	9.1000e-004	1.0000e-005	9.2000e-004	2.4000e-004	1.0000e-005	2.5000e-004	0.0000	0.8255	0.8255	2.0000e-005	0.0000	0.8259
Total	3.3000e-004	2.2000e-004	2.5900e-003	1.0000e-005	9.1000e-004	1.0000e-005	9.2000e-004	2.4000e-004	1.0000e-005	2.5000e-004	0.0000	0.8255	0.8255	2.0000e-005	0.0000	0.8259

UCI - ICMC - Orange County, Annual

3.4 Grading phase A - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0993	0.0000	0.0993	0.0507	0.0000	0.0507	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0344	0.3711	0.2379	4.4000e-004		0.0174	0.0174		0.0160	0.0160	0.0000	39.0806	39.0806	0.0126	0.0000	39.3965
Total	0.0344	0.3711	0.2379	4.4000e-004	0.0993	0.0174	0.1167	0.0507	0.0160	0.0667	0.0000	39.0806	39.0806	0.0126	0.0000	39.3965

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.2500e-003	0.2973	0.0809	8.5000e-004	0.0194	9.1000e-004	0.0204	5.3300e-003	8.7000e-004	6.2000e-003	0.0000	86.1325	86.1325	9.0700e-003	0.0000	86.3593
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.2000e-004	5.5000e-004	6.4600e-003	2.0000e-005	2.4700e-003	2.0000e-005	2.4900e-003	6.6000e-004	1.0000e-005	6.7000e-004	0.0000	2.0637	2.0637	4.0000e-005	0.0000	2.0648
Total	9.0700e-003	0.2978	0.0874	8.7000e-004	0.0219	9.3000e-004	0.0228	5.9900e-003	8.8000e-004	6.8700e-003	0.0000	88.1961	88.1961	9.1100e-003	0.0000	88.4241

UCI - ICMC - Orange County, Annual

3.4 Grading phase A - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0387	0.0000	0.0387	0.0198	0.0000	0.0198	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0344	0.3711	0.2379	4.4000e-004		0.0174	0.0174		0.0160	0.0160	0.0000	39.0805	39.0805	0.0126	0.0000	39.3965
Total	0.0344	0.3711	0.2379	4.4000e-004	0.0387	0.0174	0.0561	0.0198	0.0160	0.0358	0.0000	39.0805	39.0805	0.0126	0.0000	39.3965

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.2500e-003	0.2973	0.0809	8.5000e-004	0.0181	9.1000e-004	0.0190	5.0000e-003	8.7000e-004	5.8800e-003	0.0000	86.1325	86.1325	9.0700e-003	0.0000	86.3593
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.2000e-004	5.5000e-004	6.4600e-003	2.0000e-005	2.2800e-003	2.0000e-005	2.2900e-003	6.1000e-004	1.0000e-005	6.2000e-004	0.0000	2.0637	2.0637	4.0000e-005	0.0000	2.0648
Total	9.0700e-003	0.2978	0.0874	8.7000e-004	0.0204	9.3000e-004	0.0213	5.6100e-003	8.8000e-004	6.5000e-003	0.0000	88.1961	88.1961	9.1100e-003	0.0000	88.4241

UCI - ICMC - Orange County, Annual

3.5 Building Construction Phase B - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1283	1.1767	1.1188	1.8200e-003		0.0647	0.0647		0.0608	0.0608	0.0000	156.3552	156.3552	0.0377	0.0000	157.2982
Total	0.1283	1.1767	1.1188	1.8200e-003		0.0647	0.0647		0.0608	0.0608	0.0000	156.3552	156.3552	0.0377	0.0000	157.2982

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0399	1.3955	0.3912	3.5800e-003	0.0922	2.9000e-003	0.0951	0.0266	2.7700e-003	0.0294	0.0000	353.4859	353.4859	0.0286	0.0000	354.2012
Worker	0.1229	0.0826	0.9637	3.4000e-003	0.3683	2.4300e-003	0.3707	0.0978	2.2300e-003	0.1000	0.0000	307.6941	307.6941	6.5900e-003	0.0000	307.8589
Total	0.1629	1.4781	1.3549	6.9800e-003	0.4605	5.3300e-003	0.4658	0.1244	5.0000e-003	0.1294	0.0000	661.1800	661.1800	0.0352	0.0000	662.0601

UCI - ICMC - Orange County, Annual

3.5 Building Construction Phase B - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1283	1.1767	1.1188	1.8200e-003		0.0647	0.0647		0.0608	0.0608	0.0000	156.3550	156.3550	0.0377	0.0000	157.2980
Total	0.1283	1.1767	1.1188	1.8200e-003		0.0647	0.0647		0.0608	0.0608	0.0000	156.3550	156.3550	0.0377	0.0000	157.2980

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0399	1.3955	0.3912	3.5800e-003	0.0863	2.9000e-003	0.0892	0.0252	2.7700e-003	0.0279	0.0000	353.4859	353.4859	0.0286	0.0000	354.2012
Worker	0.1229	0.0826	0.9637	3.4000e-003	0.3396	2.4300e-003	0.3420	0.0908	2.2300e-003	0.0930	0.0000	307.6941	307.6941	6.5900e-003	0.0000	307.8589
Total	0.1629	1.4781	1.3549	6.9800e-003	0.4259	5.3300e-003	0.4312	0.1159	5.0000e-003	0.1209	0.0000	661.1800	661.1800	0.0352	0.0000	662.0601

UCI - ICMC - Orange County, Annual

3.5 Building Construction Phase B - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2428	301.2428	0.0722	0.0000	303.0471
Total	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2428	301.2428	0.0722	0.0000	303.0471

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0723	2.5400	0.7269	6.8100e-003	0.1776	4.8600e-003	0.1825	0.0512	4.6500e-003	0.0559	0.0000	674.0749	674.0749	0.0533	0.0000	675.4082
Worker	0.2240	0.1442	1.7303	6.3100e-003	0.7093	4.5800e-003	0.7139	0.1884	4.2200e-003	0.1926	0.0000	570.6571	570.6571	0.0115	0.0000	570.9450
Total	0.2963	2.6842	2.4571	0.0131	0.8869	9.4400e-003	0.8963	0.2396	8.8700e-003	0.2484	0.0000	1,244.7319	1,244.7319	0.0649	0.0000	1,246.3532

UCI - ICMC - Orange County, Annual

3.5 Building Construction Phase B - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2425	301.2425	0.0722	0.0000	303.0467
Total	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2425	301.2425	0.0722	0.0000	303.0467

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0723	2.5400	0.7269	6.8100e-003	0.1662	4.8600e-003	0.1711	0.0484	4.6500e-003	0.0531	0.0000	674.0749	674.0749	0.0533	0.0000	675.4082
Worker	0.2240	0.1442	1.7303	6.3100e-003	0.6539	4.5800e-003	0.6585	0.1748	4.2200e-003	0.1790	0.0000	570.6571	570.6571	0.0115	0.0000	570.9450
Total	0.2963	2.6842	2.4571	0.0131	0.8202	9.4400e-003	0.8296	0.2232	8.8700e-003	0.2321	0.0000	1,244.7319	1,244.7319	0.0649	0.0000	1,246.3532

UCI - ICMC - Orange County, Annual

3.5 Building Construction Phase B - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1022	0.9350	1.0559	1.7500e-003		0.0455	0.0455		0.0428	0.0428	0.0000	150.6731	150.6731	0.0358	0.0000	151.5692
Total	0.1022	0.9350	1.0559	1.7500e-003		0.0455	0.0455		0.0428	0.0428	0.0000	150.6731	150.6731	0.0358	0.0000	151.5692

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0275	0.9537	0.3370	3.2900e-003	0.0888	1.1700e-003	0.0900	0.0256	1.1200e-003	0.0267	0.0000	326.8551	326.8551	0.0247	0.0000	327.4734
Worker	0.1062	0.0655	0.8058	3.0300e-003	0.3546	2.2500e-003	0.3569	0.0942	2.0700e-003	0.0963	0.0000	274.3693	274.3693	5.2200e-003	0.0000	274.4998
Total	0.1337	1.0191	1.1429	6.3200e-003	0.4434	3.4200e-003	0.4469	0.1198	3.1900e-003	0.1230	0.0000	601.2244	601.2244	0.0300	0.0000	601.9732

UCI - ICMC - Orange County, Annual

3.5 Building Construction Phase B - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1022	0.9350	1.0559	1.7500e-003		0.0455	0.0455		0.0428	0.0428	0.0000	150.6729	150.6729	0.0358	0.0000	151.5690
Total	0.1022	0.9350	1.0559	1.7500e-003		0.0455	0.0455		0.0428	0.0428	0.0000	150.6729	150.6729	0.0358	0.0000	151.5690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0275	0.9537	0.3370	3.2900e-003	0.0831	1.1700e-003	0.0843	0.0242	1.1200e-003	0.0253	0.0000	326.8551	326.8551	0.0247	0.0000	327.4734
Worker	0.1062	0.0655	0.8058	3.0300e-003	0.3270	2.2500e-003	0.3292	0.0874	2.0700e-003	0.0895	0.0000	274.3693	274.3693	5.2200e-003	0.0000	274.4998
Total	0.1337	1.0191	1.1429	6.3200e-003	0.4101	3.4200e-003	0.4135	0.1116	3.1900e-003	0.1148	0.0000	601.2244	601.2244	0.0300	0.0000	601.9732

UCI - ICMC - Orange County, Annual

3.6 Building Construction Phase C - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1283	1.1767	1.1188	1.8200e-003		0.0647	0.0647		0.0608	0.0608	0.0000	156.3552	156.3552	0.0377	0.0000	157.2982
Total	0.1283	1.1767	1.1188	1.8200e-003		0.0647	0.0647		0.0608	0.0608	0.0000	156.3552	156.3552	0.0377	0.0000	157.2982

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0399	1.3955	0.3912	3.5800e-003	0.0922	2.9000e-003	0.0951	0.0266	2.7700e-003	0.0294	0.0000	353.4859	353.4859	0.0286	0.0000	354.2012
Worker	0.1229	0.0826	0.9637	3.4000e-003	0.3683	2.4300e-003	0.3707	0.0978	2.2300e-003	0.1000	0.0000	307.6941	307.6941	6.5900e-003	0.0000	307.8589
Total	0.1629	1.4781	1.3549	6.9800e-003	0.4605	5.3300e-003	0.4658	0.1244	5.0000e-003	0.1294	0.0000	661.1800	661.1800	0.0352	0.0000	662.0601

UCI - ICMC - Orange County, Annual

3.6 Building Construction Phase C - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1283	1.1767	1.1188	1.8200e-003		0.0647	0.0647		0.0608	0.0608	0.0000	156.3550	156.3550	0.0377	0.0000	157.2980
Total	0.1283	1.1767	1.1188	1.8200e-003		0.0647	0.0647		0.0608	0.0608	0.0000	156.3550	156.3550	0.0377	0.0000	157.2980

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0399	1.3955	0.3912	3.5800e-003	0.0863	2.9000e-003	0.0892	0.0252	2.7700e-003	0.0279	0.0000	353.4859	353.4859	0.0286	0.0000	354.2012
Worker	0.1229	0.0826	0.9637	3.4000e-003	0.3396	2.4300e-003	0.3420	0.0908	2.2300e-003	0.0930	0.0000	307.6941	307.6941	6.5900e-003	0.0000	307.8589
Total	0.1629	1.4781	1.3549	6.9800e-003	0.4259	5.3300e-003	0.4312	0.1159	5.0000e-003	0.1209	0.0000	661.1800	661.1800	0.0352	0.0000	662.0601

UCI - ICMC - Orange County, Annual

3.6 Building Construction Phase C - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2428	301.2428	0.0722	0.0000	303.0471
Total	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2428	301.2428	0.0722	0.0000	303.0471

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0723	2.5400	0.7269	6.8100e-003	0.1776	4.8600e-003	0.1825	0.0512	4.6500e-003	0.0559	0.0000	674.0749	674.0749	0.0533	0.0000	675.4082
Worker	0.2240	0.1442	1.7303	6.3100e-003	0.7093	4.5800e-003	0.7139	0.1884	4.2200e-003	0.1926	0.0000	570.6571	570.6571	0.0115	0.0000	570.9450
Total	0.2963	2.6842	2.4571	0.0131	0.8869	9.4400e-003	0.8963	0.2396	8.8700e-003	0.2484	0.0000	1,244.7319	1,244.7319	0.0649	0.0000	1,246.3532

UCI - ICMC - Orange County, Annual

3.6 Building Construction Phase C - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2425	301.2425	0.0722	0.0000	303.0467
Total	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2425	301.2425	0.0722	0.0000	303.0467

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0723	2.5400	0.7269	6.8100e-003	0.1662	4.8600e-003	0.1711	0.0484	4.6500e-003	0.0531	0.0000	674.0749	674.0749	0.0533	0.0000	675.4082
Worker	0.2240	0.1442	1.7303	6.3100e-003	0.6539	4.5800e-003	0.6585	0.1748	4.2200e-003	0.1790	0.0000	570.6571	570.6571	0.0115	0.0000	570.9450
Total	0.2963	2.6842	2.4571	0.0131	0.8202	9.4400e-003	0.8296	0.2232	8.8700e-003	0.2321	0.0000	1,244.7319	1,244.7319	0.0649	0.0000	1,246.3532

UCI - ICMC - Orange County, Annual

3.6 Building Construction Phase C - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1706	1.5608	1.7625	2.9200e-003		0.0759	0.0759		0.0714	0.0714	0.0000	251.5082	251.5082	0.0598	0.0000	253.0039
Total	0.1706	1.5608	1.7625	2.9200e-003		0.0759	0.0759		0.0714	0.0714	0.0000	251.5082	251.5082	0.0598	0.0000	253.0039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0460	1.5919	0.5626	5.5000e-003	0.1482	1.9500e-003	0.1502	0.0427	1.8600e-003	0.0446	0.0000	545.5966	545.5966	0.0413	0.0000	546.6287
Worker	0.1773	0.1092	1.3451	5.0600e-003	0.5920	3.7600e-003	0.5957	0.1572	3.4600e-003	0.1607	0.0000	457.9857	457.9857	8.7100e-003	0.0000	458.2035
Total	0.2232	1.7011	1.9077	0.0106	0.7402	5.7100e-003	0.7459	0.2000	5.3200e-003	0.2053	0.0000	1,003.5823	1,003.5823	0.0500	0.0000	1,004.8322

UCI - ICMC - Orange County, Annual

3.6 Building Construction Phase C - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1706	1.5608	1.7625	2.9200e-003		0.0759	0.0759		0.0714	0.0714	0.0000	251.5079	251.5079	0.0598	0.0000	253.0036
Total	0.1706	1.5608	1.7625	2.9200e-003		0.0759	0.0759		0.0714	0.0714	0.0000	251.5079	251.5079	0.0598	0.0000	253.0036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0460	1.5919	0.5626	5.5000e-003	0.1388	1.9500e-003	0.1407	0.0404	1.8600e-003	0.0423	0.0000	545.5966	545.5966	0.0413	0.0000	546.6287
Worker	0.1773	0.1092	1.3451	5.0600e-003	0.5458	3.7600e-003	0.5496	0.1459	3.4600e-003	0.1493	0.0000	457.9857	457.9857	8.7100e-003	0.0000	458.2035
Total	0.2232	1.7011	1.9077	0.0106	0.6845	5.7100e-003	0.6902	0.1863	5.3200e-003	0.1916	0.0000	1,003.5823	1,003.5823	0.0500	0.0000	1,004.8322

UCI - ICMC - Orange County, Annual

3.7 Paving Phase B - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0296	22.0296	7.1200e-003	0.0000	22.2077
Paving	6.1600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0175	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0296	22.0296	7.1200e-003	0.0000	22.2077

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4000e-004	3.3000e-004	4.1200e-003	2.0000e-005	1.8100e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.4014	1.4014	3.0000e-005	0.0000	1.4020
Total	5.4000e-004	3.3000e-004	4.1200e-003	2.0000e-005	1.8100e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.4014	1.4014	3.0000e-005	0.0000	1.4020

UCI - ICMC - Orange County, Annual

3.7 Paving Phase B - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0295	22.0295	7.1200e-003	0.0000	22.2077
Paving	6.1600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0175	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0295	22.0295	7.1200e-003	0.0000	22.2077

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4000e-004	3.3000e-004	4.1200e-003	2.0000e-005	1.6700e-003	1.0000e-005	1.6800e-003	4.5000e-004	1.0000e-005	4.6000e-004	0.0000	1.4014	1.4014	3.0000e-005	0.0000	1.4020
Total	5.4000e-004	3.3000e-004	4.1200e-003	2.0000e-005	1.6700e-003	1.0000e-005	1.6800e-003	4.5000e-004	1.0000e-005	4.6000e-004	0.0000	1.4014	1.4014	3.0000e-005	0.0000	1.4020

UCI - ICMC - Orange County, Annual

3.8 Architectural Coating Phase B - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.4614					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.2400e-003	0.0560	0.0779	1.3000e-004		3.0500e-003	3.0500e-003		3.0500e-003	3.0500e-003	0.0000	10.9790	10.9790	6.6000e-004	0.0000	10.9954
Total	1.4696	0.0560	0.0779	1.3000e-004		3.0500e-003	3.0500e-003		3.0500e-003	3.0500e-003	0.0000	10.9790	10.9790	6.6000e-004	0.0000	10.9954

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0140	8.6200e-003	0.1062	4.0000e-004	0.0467	3.0000e-004	0.0470	0.0124	2.7000e-004	0.0127	0.0000	36.1551	36.1551	6.9000e-004	0.0000	36.1723
Total	0.0140	8.6200e-003	0.1062	4.0000e-004	0.0467	3.0000e-004	0.0470	0.0124	2.7000e-004	0.0127	0.0000	36.1551	36.1551	6.9000e-004	0.0000	36.1723

UCI - ICMC - Orange County, Annual

3.8 Architectural Coating Phase B - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.4614					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.2400e-003	0.0560	0.0779	1.3000e-004		3.0500e-003	3.0500e-003		3.0500e-003	3.0500e-003	0.0000	10.9790	10.9790	6.6000e-004	0.0000	10.9954
Total	1.4696	0.0560	0.0779	1.3000e-004		3.0500e-003	3.0500e-003		3.0500e-003	3.0500e-003	0.0000	10.9790	10.9790	6.6000e-004	0.0000	10.9954

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0140	8.6200e-003	0.1062	4.0000e-004	0.0431	3.0000e-004	0.0434	0.0115	2.7000e-004	0.0118	0.0000	36.1551	36.1551	6.9000e-004	0.0000	36.1723
Total	0.0140	8.6200e-003	0.1062	4.0000e-004	0.0431	3.0000e-004	0.0434	0.0115	2.7000e-004	0.0118	0.0000	36.1551	36.1551	6.9000e-004	0.0000	36.1723

UCI - ICMC - Orange County, Annual

3.9 Paving Phase C - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0296	22.0296	7.1200e-003	0.0000	22.2077
Paving	6.1600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0175	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0296	22.0296	7.1200e-003	0.0000	22.2077

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4000e-004	3.3000e-004	4.1200e-003	2.0000e-005	1.8100e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.4014	1.4014	3.0000e-005	0.0000	1.4020
Total	5.4000e-004	3.3000e-004	4.1200e-003	2.0000e-005	1.8100e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.4014	1.4014	3.0000e-005	0.0000	1.4020

UCI - ICMC - Orange County, Annual

3.9 Paving Phase C - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0295	22.0295	7.1200e-003	0.0000	22.2077
Paving	6.1600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0175	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0295	22.0295	7.1200e-003	0.0000	22.2077

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4000e-004	3.3000e-004	4.1200e-003	2.0000e-005	1.6700e-003	1.0000e-005	1.6800e-003	4.5000e-004	1.0000e-005	4.6000e-004	0.0000	1.4014	1.4014	3.0000e-005	0.0000	1.4020
Total	5.4000e-004	3.3000e-004	4.1200e-003	2.0000e-005	1.6700e-003	1.0000e-005	1.6800e-003	4.5000e-004	1.0000e-005	4.6000e-004	0.0000	1.4014	1.4014	3.0000e-005	0.0000	1.4020

UCI - ICMC - Orange County, Annual

3.10 Architectural Coating Phase C - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.4614					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.3400e-003	0.0567	0.0788	1.3000e-004		3.0800e-003	3.0800e-003		3.0800e-003	3.0800e-003	0.0000	11.1067	11.1067	6.6000e-004	0.0000	11.1233
Total	1.4697	0.0567	0.0788	1.3000e-004		3.0800e-003	3.0800e-003		3.0800e-003	3.0800e-003	0.0000	11.1067	11.1067	6.6000e-004	0.0000	11.1233

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0142	8.7200e-003	0.1074	4.0000e-004	0.0473	3.0000e-004	0.0476	0.0126	2.8000e-004	0.0128	0.0000	36.5755	36.5755	7.0000e-004	0.0000	36.5929
Total	0.0142	8.7200e-003	0.1074	4.0000e-004	0.0473	3.0000e-004	0.0476	0.0126	2.8000e-004	0.0128	0.0000	36.5755	36.5755	7.0000e-004	0.0000	36.5929

UCI - ICMC - Orange County, Annual

3.10 Architectural Coating Phase C - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.4614					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.3400e-003	0.0567	0.0788	1.3000e-004		3.0800e-003	3.0800e-003		3.0800e-003	3.0800e-003	0.0000	11.1066	11.1066	6.6000e-004	0.0000	11.1233
Total	1.4697	0.0567	0.0788	1.3000e-004		3.0800e-003	3.0800e-003		3.0800e-003	3.0800e-003	0.0000	11.1066	11.1066	6.6000e-004	0.0000	11.1233

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0142	8.7200e-003	0.1074	4.0000e-004	0.0436	3.0000e-004	0.0439	0.0117	2.8000e-004	0.0119	0.0000	36.5755	36.5755	7.0000e-004	0.0000	36.5929
Total	0.0142	8.7200e-003	0.1074	4.0000e-004	0.0436	3.0000e-004	0.0439	0.0117	2.8000e-004	0.0119	0.0000	36.5755	36.5755	7.0000e-004	0.0000	36.5929

4.0 Operational Detail - Mobile

UCI - ICMC - Orange County, Annual

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2.6137	4.8188	29.2238	0.0935	9.6546	0.0639	9.7184	2.5825	0.0595	2.6420	0.0000	8,738.8808	8,738.8808	0.5048	0.0000	8,751.4999
Unmitigated	2.6866	5.2388	31.7819	0.1036	10.7273	0.0704	10.7977	2.8695	0.0656	2.9351	0.0000	9,689.2897	9,689.2897	0.5471	0.0000	9,702.9659

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hospital	2,488.32	1,565.28	1382.40	10,752,699	9,677,429
Medical Office Building	6,061.50	1,503.00	261.00	17,581,417	15,823,275
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unenclosed Parking with Elevator	0.00	0.00	0.00		
Unenclosed Parking with Elevator	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	8,549.82	3,068.28	1,643.40	28,334,116	25,500,704

4.3 Trip Type Information

UCI - ICMC - Orange County, Annual

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Hospital	16.60	8.40	6.90	64.90	16.10	19.00	100	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	100	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unenclosed Parking with	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unenclosed Parking with	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Hospital	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Medical Office Building	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Other Non-Asphalt Surfaces	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Parking Lot	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Unenclosed Parking with Elevator	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Other Asphalt Surfaces	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

UCI - ICMC - Orange County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated							0.0000	0.0000		0.0000	0.0000	1,965.3541	1,965.3541	0.1073	0.0222	1,974.6476
Electricity Unmitigated							0.0000	0.0000		0.0000	0.0000	2,397.2501	2,397.2501	0.1308	0.0271	2,408.5859
NaturalGas Mitigated	0.0730	0.6640	0.5578	3.9800e-003			0.0505	0.0505		0.0505	0.0000	722.8728	722.8728	0.0139	0.0133	727.1685
NaturalGas Unmitigated	0.1279	1.1626	0.9766	6.9800e-003			0.0884	0.0884		0.0884	0.0000	1,265.6668	1,265.6668	0.0243	0.0232	1,273.1880

UCI - ICMC - Orange County, Annual

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Hospital	2.16612e+007	0.1168	1.0618	0.8919	6.3700e-003		0.0807	0.0807		0.0807	0.0807	0.0000	1,155.9241	1,155.9241	0.0222	0.0212	1,162.7932
Medical Office Building	2.0565e+006	0.0111	0.1008	0.0847	6.0000e-004		7.6600e-003	7.6600e-003		7.6600e-003	7.6600e-003	0.0000	109.7427	109.7427	2.1000e-003	2.0100e-003	110.3948
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.1279	1.1626	0.9766	6.9700e-003		0.0884	0.0884		0.0884	0.0884	0.0000	1,265.6668	1,265.6668	0.0243	0.0232	1,273.1880

UCI - ICMC - Orange County, Annual

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Hospital	1.2456e+007	0.0672	0.6106	0.5129	3.6600e-003		0.0464	0.0464		0.0464	0.0464	0.0000	664.6996	664.6996	0.0127	0.0122	668.6496
Medical Office Building	1.09013e+006	5.8800e-003	0.0534	0.0449	3.2000e-004		4.0600e-003	4.0600e-003		4.0600e-003	4.0600e-003	0.0000	58.1732	58.1732	1.1100e-003	1.0700e-003	58.5189
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0730	0.6640	0.5578	3.9800e-003		0.0505	0.0505		0.0505	0.0505	0.0000	722.8728	722.8728	0.0139	0.0133	727.1685

UCI - ICMC - Orange County, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Hospital	5.7024e+006	1,374.6042	0.0750	0.0155	1,381.1042
Medical Office Building	3.14775e+006	758.7876	0.0414	8.5700e-003	762.3756
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	62508.6	15.0681	8.2000e-004	1.7000e-004	15.1394
Unenclosed Parking with Elevator	434560	104.7538	5.7200e-003	1.1800e-003	105.2491
Unenclosed Parking with Elevator	597520	144.0365	7.8600e-003	1.6300e-003	144.7176
Total		2,397.2501	0.1308	0.0271	2,408.5859

UCI - ICMC - Orange County, Annual

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Hospital	4.4406e+006	1,070.4383	0.0584	0.0121	1,075.5000
Medical Office Building	2.61788e+006	631.0574	0.0344	7.1200e-003	634.0415
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	62508.6	15.0681	8.2000e-004	1.7000e-004	15.1394
Unenclosed Parking with Elevator	434560	104.7538	5.7200e-003	1.1800e-003	105.2491
Unenclosed Parking with Elevator	597520	144.0365	7.8600e-003	1.6300e-003	144.7176
Total		1,965.3541	0.1073	0.0222	1,974.6476

6.0 Area Detail

6.1 Mitigation Measures Area

UCI - ICMC - Orange County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2.3112	2.0000e-004	0.0218	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0423	0.0423	1.1000e-004	0.0000	0.0451
Unmitigated	2.3112	2.0000e-004	0.0218	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0423	0.0423	1.1000e-004	0.0000	0.0451

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1461					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.1630					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0100e-003	2.0000e-004	0.0218	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0423	0.0423	1.1000e-004	0.0000	0.0451
Total	2.3112	2.0000e-004	0.0218	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0423	0.0423	1.1000e-004	0.0000	0.0451

UCI - ICMC - Orange County, Annual

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1461					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.1630					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0100e-003	2.0000e-004	0.0218	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0423	0.0423	1.1000e-004	0.0000	0.0451
Total	2.3112	2.0000e-004	0.0218	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0423	0.0423	1.1000e-004	0.0000	0.0451

7.0 Water Detail

7.1 Mitigation Measures Water

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Use Water Efficient Irrigation System

UCI - ICMC - Orange County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	133.5374	1.0798	0.0267	168.4984
Unmitigated	163.2730	1.3496	0.0334	206.9571

UCI - ICMC - Orange County, Annual

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Hospital	12.9332 / 2.46346	51.2953	0.4240	0.0105	65.0195
Medical Office Building	28.2331 / 5.37774	111.9777	0.9256	0.0229	141.9376
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		163.2730	1.3496	0.0334	206.9571

UCI - ICMC - Orange County, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Hospital	10.3465 / 2.31319	41.9533	0.3393	8.4000e-003	52.9370
Medical Office Building	22.5865 / 5.0497	91.5841	0.7406	0.0183	115.5615
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		133.5374	1.0798	0.0267	168.4984

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

UCI - ICMC - Orange County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	289.3108	17.0978	0.0000	716.7554
Unmitigated	578.6217	34.1956	0.0000	1,433,510 7

UCI - ICMC - Orange County, Annual

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Hospital	420.48	85.3536	5.0443	0.0000	211.4600
Medical Office Building	2430	493.2680	29.1513	0.0000	1,222.0507
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Total		578.6217	34.1956	0.0000	1,433.5107

UCI - ICMC - Orange County, Annual

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Hospital	210.24	42.6768	2.5221	0.0000	105.7300
Medical Office Building	1215	246.6340	14.5757	0.0000	611.0254
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Total		289.3108	17.0978	0.0000	716.7554

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
----------------	--------	-----------	-----------	-------------	-------------	-----------

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	2	1	199	2667	0.73	Diesel

UCI - ICMC - Orange County, Annual

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
Boiler	2	50	18250	75	CNG

User Defined Equipment

Equipment Type	Number
----------------	--------

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	tons/yr										MT/yr					
Boiler - CNG (75 - 9999 MMBTU)	0.0984	0.1132	1.7535	0.0107		0.1360	0.1360		0.1360	0.1360	0.0000	1,947.8123	1,947.8123	0.0373	0.0000	1,948.7456
Emergency Generator - Diesel (750 - 9999 HP)	0.8710	0.4271	2.2208	4.1900e-003		0.0171	0.0171		0.0171	0.0171	0.0000	404.2033	404.2033	0.0567	0.0000	405.6200
Total	0.9694	0.5402	3.9743	0.0149		0.1531	0.1531		0.1531	0.1531	0.0000	2,352.0156	2,352.0156	0.0940	0.0000	2,354.3656

11.0 Vegetation

UCI - ICMC - Unmitigated Generators - Orange County, Summer

UCI - ICMC - Unmitigated Generators
Orange County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hospital	144.00	Bed	1.60	360,000.00	0
Medical Office Building	225.00	1000sqft	1.00	225,000.00	0
Other Non-Asphalt Surfaces	0.60	Acre	0.60	26,136.00	0
Parking Lot	4.10	Acre	4.10	178,596.00	0
Unenclosed Parking with Elevator	770.00	Space	1.20	308,000.00	0
Unenclosed Parking with Elevator	560.00	Space	0.80	224,000.00	0
Other Asphalt Surfaces	0.60	Acre	0.60	23,136.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8			Operational Year	2023
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	531.44	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

UCI - ICMC - Unmitigated Generators - Orange County, Summer

Project Characteristics - Adjusted per the SCE 2019 Corporate Responsibility and Sustainability Report. The report provides intensity factor of CO2e, the CO2 intensity factor is calculated as $534-25 \times 0.029-298 \times 0.00617=531.4364$ to avoid double counting.

Land Use - Hospital 144 beds, 360,000 sf (1.6 ac footprint) 7 levels. Clinic 225 tsf (TIA) (1 ac footprint) 6 levels. PkgStructA 770 stalls (1.2 ac footprint) 6 levels. PkgStructB 560 stalls (0.8 ac footprint) 6 levels, 0.6ac temp staging/laydown

Construction Phase - based on construction schedule in PD

Trips and VMT -

Demolition - based on Google Earth

Grading - export 18,141 cubic yards based on earth movement calculations

Architectural Coating - Low VOC Paint - Rule 1113

Vehicle Trips - Adjusted to include internal capture identified in Traffic Study

Area Coating - Rule 1113, low VOC paint

Energy Use -

Water And Wastewater -

Solid Waste -

Construction Off-road Equipment Mitigation - Rule 403

Mobile Land Use Mitigation - 1150 jobs/11.6 acres = 99 jobs/acre

Mobile Commute Mitigation -

Energy Mitigation - LEED Gold certification. 20-30% reduction over Title 24 2019 standard, 2019 standard exceeds 2016 by 30%

Water Mitigation - low flow fixtures

Waste Mitigation - AB 939 - divert at least 50% of solid waste from landfills

Stationary Sources - Emergency Generators and Fire Pumps - Emergency Power Supply System (EPSS) based on similar project

Stationary Sources - Process Boilers -

Stationary Sources - User Defined -

Stationary Sources - Emergency Generators and Fire Pumps EF - 2017 off-road diesel emission factor update, CARB. Rule 1470 AQMD

Fleet Mix - Other Asphalt - temporary construction staging - no operational emissions

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	230.00	525.00
tblConstructionPhase	NumDays	230.00	612.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDays	20.00	86.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDays	20.00	87.00
tblGrading	MaterialExported	0.00	18,141.00
tblLandUse	LandUseSquareFeet	103,069.09	360,000.00
tblLandUse	LandUseSquareFeet	26,136.00	23,136.00
tblLandUse	LotAcreage	2.37	1.60
tblLandUse	LotAcreage	5.17	1.00
tblLandUse	LotAcreage	6.93	1.20
tblLandUse	LotAcreage	5.04	0.80
tblProjectCharacteristics	CO2IntensityFactor	702.44	531.44
tblStationaryBoilersUse	AnnualHeatInput	0.00	18,250.00
tblStationaryBoilersUse	BoilerRatingValue	0.00	75.00
tblStationaryBoilersUse	DailyHeatInput	0.00	50.00
tblStationaryBoilersUse	NumberOfEquipment	0.00	2.00

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	2,667.00
tblStationaryGeneratorsPumpsUse	HoursPerDay	0.00	1.00
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	199.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	2.00
tblTripsAndVMT	VendorTripNumber	220.00	217.00
tblTripsAndVMT	VendorTripNumber	220.00	217.00
tblTripsAndVMT	WorkerTripNumber	506.00	497.00
tblTripsAndVMT	WorkerTripNumber	506.00	497.00
tblTripsAndVMT	WorkerTripNumber	101.00	99.00
tblTripsAndVMT	WorkerTripNumber	101.00	99.00
tblVehicleEF	HHD	0.47	0.03
tblVehicleEF	HHD	0.16	0.14
tblVehicleEF	HHD	0.07	8.0464e-007
tblVehicleEF	HHD	1.51	6.08
tblVehicleEF	HHD	1.25	0.62
tblVehicleEF	HHD	4.18	0.01
tblVehicleEF	HHD	3,872.44	1,027.75
tblVehicleEF	HHD	1,597.37	1,392.67
tblVehicleEF	HHD	13.53	0.08
tblVehicleEF	HHD	13.41	5.31
tblVehicleEF	HHD	1.83	2.44
tblVehicleEF	HHD	19.09	2.48
tblVehicleEF	HHD	0.01	3.0945e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	6.0810e-003	0.02
tblVehicleEF	HHD	1.2600e-004	1.1940e-006

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	HHD	0.01	2.9606e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6700e-003	8.7641e-003
tblVehicleEF	HHD	5.8180e-003	0.02
tblVehicleEF	HHD	1.1600e-004	1.0979e-006
tblVehicleEF	HHD	1.1500e-004	4.2641e-006
tblVehicleEF	HHD	4.7550e-003	1.8047e-004
tblVehicleEF	HHD	0.36	0.41
tblVehicleEF	HHD	8.8000e-005	3.0444e-006
tblVehicleEF	HHD	0.08	0.03
tblVehicleEF	HHD	4.2300e-004	8.2428e-004
tblVehicleEF	HHD	0.09	4.2069e-006
tblVehicleEF	HHD	0.03	9.3925e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.0400e-004	7.8953e-007
tblVehicleEF	HHD	1.1500e-004	4.2641e-006
tblVehicleEF	HHD	4.7550e-003	1.8047e-004
tblVehicleEF	HHD	0.44	0.47
tblVehicleEF	HHD	8.8000e-005	3.0444e-006
tblVehicleEF	HHD	0.26	0.17
tblVehicleEF	HHD	4.2300e-004	8.2428e-004
tblVehicleEF	HHD	0.10	4.6061e-006
tblVehicleEF	HHD	0.44	0.03
tblVehicleEF	HHD	0.16	0.14
tblVehicleEF	HHD	0.06	7.7285e-007
tblVehicleEF	HHD	1.10	5.99
tblVehicleEF	HHD	1.26	0.62

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	HHD	3.98	0.01
tblVehicleEF	HHD	4,102.50	1,016.72
tblVehicleEF	HHD	1,597.37	1,392.67
tblVehicleEF	HHD	13.53	0.08
tblVehicleEF	HHD	13.84	5.09
tblVehicleEF	HHD	1.73	2.31
tblVehicleEF	HHD	19.08	2.48
tblVehicleEF	HHD	0.01	2.6885e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	6.0810e-003	0.02
tblVehicleEF	HHD	1.2600e-004	1.1940e-006
tblVehicleEF	HHD	9.6890e-003	2.5722e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6700e-003	8.7641e-003
tblVehicleEF	HHD	5.8180e-003	0.02
tblVehicleEF	HHD	1.1600e-004	1.0979e-006
tblVehicleEF	HHD	1.6500e-004	6.2418e-006
tblVehicleEF	HHD	4.8480e-003	1.8313e-004
tblVehicleEF	HHD	0.34	0.43
tblVehicleEF	HHD	1.2200e-004	4.4756e-006
tblVehicleEF	HHD	0.08	0.03
tblVehicleEF	HHD	4.0800e-004	8.0826e-004
tblVehicleEF	HHD	0.09	4.0515e-006
tblVehicleEF	HHD	0.04	9.2884e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.0000e-004	7.8176e-007

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	HHD	1.6500e-004	6.2418e-006
tblVehicleEF	HHD	4.8480e-003	1.8313e-004
tblVehicleEF	HHD	0.42	0.50
tblVehicleEF	HHD	1.2200e-004	4.4756e-006
tblVehicleEF	HHD	0.26	0.17
tblVehicleEF	HHD	4.0800e-004	8.0826e-004
tblVehicleEF	HHD	0.09	4.4359e-006
tblVehicleEF	HHD	0.51	0.03
tblVehicleEF	HHD	0.16	0.14
tblVehicleEF	HHD	0.07	8.1219e-007
tblVehicleEF	HHD	2.08	6.20
tblVehicleEF	HHD	1.25	0.62
tblVehicleEF	HHD	4.22	0.01
tblVehicleEF	HHD	3,554.73	1,042.97
tblVehicleEF	HHD	1,597.37	1,392.67
tblVehicleEF	HHD	13.53	0.08
tblVehicleEF	HHD	12.81	5.62
tblVehicleEF	HHD	1.80	2.40
tblVehicleEF	HHD	19.10	2.48
tblVehicleEF	HHD	0.01	3.6551e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	6.0810e-003	0.02
tblVehicleEF	HHD	1.2600e-004	1.1940e-006
tblVehicleEF	HHD	0.01	3.4970e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6700e-003	8.7641e-003

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	HHD	5.8180e-003	0.02
tblVehicleEF	HHD	1.1600e-004	1.0979e-006
tblVehicleEF	HHD	1.1300e-004	4.4195e-006
tblVehicleEF	HHD	5.0850e-003	1.9963e-004
tblVehicleEF	HHD	0.39	0.37
tblVehicleEF	HHD	8.8000e-005	3.1681e-006
tblVehicleEF	HHD	0.08	0.03
tblVehicleEF	HHD	4.6100e-004	8.7999e-004
tblVehicleEF	HHD	0.09	4.2430e-006
tblVehicleEF	HHD	0.03	9.5362e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.0400e-004	7.9102e-007
tblVehicleEF	HHD	1.1300e-004	4.4195e-006
tblVehicleEF	HHD	5.0850e-003	1.9963e-004
tblVehicleEF	HHD	0.48	0.44
tblVehicleEF	HHD	8.8000e-005	3.1681e-006
tblVehicleEF	HHD	0.26	0.17
tblVehicleEF	HHD	4.6100e-004	8.7999e-004
tblVehicleEF	HHD	0.10	4.6455e-006
tblVehicleEF	LDA	3.5840e-003	2.0518e-003
tblVehicleEF	LDA	3.9920e-003	0.04
tblVehicleEF	LDA	0.52	0.59
tblVehicleEF	LDA	0.92	1.99
tblVehicleEF	LDA	242.31	249.36
tblVehicleEF	LDA	53.99	51.01
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.05	0.16

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.8390e-003	1.5020e-003
tblVehicleEF	LDA	2.2490e-003	1.7537e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.6950e-003	1.3832e-003
tblVehicleEF	LDA	2.0680e-003	1.6125e-003
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	9.0380e-003	7.5936e-003
tblVehicleEF	LDA	0.04	0.19
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	2.4260e-003	2.4668e-003
tblVehicleEF	LDA	5.5500e-004	5.0480e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.19
tblVehicleEF	LDA	0.06	0.21
tblVehicleEF	LDA	3.7860e-003	2.1852e-003
tblVehicleEF	LDA	3.5910e-003	0.04
tblVehicleEF	LDA	0.56	0.64
tblVehicleEF	LDA	0.80	1.72
tblVehicleEF	LDA	252.48	259.55

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	LDA	53.99	50.52
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.05	0.15
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.8390e-003	1.5020e-003
tblVehicleEF	LDA	2.2490e-003	1.7537e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.6950e-003	1.3832e-003
tblVehicleEF	LDA	2.0680e-003	1.6125e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	9.5380e-003	8.0161e-003
tblVehicleEF	LDA	0.03	0.18
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.5280e-003	2.5676e-003
tblVehicleEF	LDA	5.5300e-004	4.9989e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.18
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	3.5150e-003	2.0098e-003
tblVehicleEF	LDA	4.0740e-003	0.04

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	LDA	0.50	0.57
tblVehicleEF	LDA	0.95	2.05
tblVehicleEF	LDA	238.56	245.60
tblVehicleEF	LDA	53.99	51.12
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.8390e-003	1.5020e-003
tblVehicleEF	LDA	2.2490e-003	1.7537e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.6950e-003	1.3832e-003
tblVehicleEF	LDA	2.0680e-003	1.6125e-003
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	8.8680e-003	7.4511e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	2.3880e-003	2.4296e-003
tblVehicleEF	LDA	5.5600e-004	5.0587e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.22

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	LDA	0.06	0.21
tblVehicleEF	LDT1	8.0440e-003	4.7359e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.00	1.03
tblVehicleEF	LDT1	2.24	2.17
tblVehicleEF	LDT1	303.32	296.14
tblVehicleEF	LDT1	67.98	61.59
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.13	0.23
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.3740e-003	1.9816e-003
tblVehicleEF	LDT1	3.0400e-003	2.3129e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.1840e-003	1.8229e-003
tblVehicleEF	LDT1	2.7950e-003	2.1267e-003
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.22	0.17
tblVehicleEF	LDT1	0.09	0.00
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.14	0.58
tblVehicleEF	LDT1	0.15	0.30
tblVehicleEF	LDT1	3.0440e-003	2.9306e-003
tblVehicleEF	LDT1	7.1900e-004	6.0953e-004
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.22	0.17

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.14	0.58
tblVehicleEF	LDT1	0.16	0.32
tblVehicleEF	LDT1	8.4500e-003	5.0088e-003
tblVehicleEF	LDT1	9.9950e-003	0.06
tblVehicleEF	LDT1	1.08	1.11
tblVehicleEF	LDT1	1.93	1.87
tblVehicleEF	LDT1	315.58	306.58
tblVehicleEF	LDT1	67.98	61.02
tblVehicleEF	LDT1	0.08	0.07
tblVehicleEF	LDT1	0.12	0.21
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.3740e-003	1.9816e-003
tblVehicleEF	LDT1	3.0400e-003	2.3129e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.1840e-003	1.8229e-003
tblVehicleEF	LDT1	2.7950e-003	2.1267e-003
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.23	0.17
tblVehicleEF	LDT1	0.13	0.00
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.13	0.53
tblVehicleEF	LDT1	0.13	0.27
tblVehicleEF	LDT1	3.1680e-003	3.0339e-003

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	LDT1	7.1300e-004	6.0381e-004
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.23	0.17
tblVehicleEF	LDT1	0.13	0.13
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.13	0.53
tblVehicleEF	LDT1	0.15	0.29
tblVehicleEF	LDT1	7.9040e-003	4.6486e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	0.97	0.99
tblVehicleEF	LDT1	2.30	2.23
tblVehicleEF	LDT1	298.79	292.29
tblVehicleEF	LDT1	67.98	61.72
tblVehicleEF	LDT1	0.09	0.07
tblVehicleEF	LDT1	0.13	0.23
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.3740e-003	1.9816e-003
tblVehicleEF	LDT1	3.0400e-003	2.3129e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.1840e-003	1.8229e-003
tblVehicleEF	LDT1	2.7950e-003	2.1267e-003
tblVehicleEF	LDT1	0.11	0.11
tblVehicleEF	LDT1	0.25	0.19
tblVehicleEF	LDT1	0.09	0.00
tblVehicleEF	LDT1	0.02	0.02

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.15	0.30
tblVehicleEF	LDT1	2.9980e-003	2.8924e-003
tblVehicleEF	LDT1	7.2000e-004	6.1077e-004
tblVehicleEF	LDT1	0.11	0.11
tblVehicleEF	LDT1	0.25	0.19
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.17	0.33
tblVehicleEF	LDT2	4.9710e-003	3.2951e-003
tblVehicleEF	LDT2	5.3310e-003	0.06
tblVehicleEF	LDT2	0.67	0.79
tblVehicleEF	LDT2	1.19	2.52
tblVehicleEF	LDT2	342.73	317.53
tblVehicleEF	LDT2	76.37	66.48
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.09	0.24
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8340e-003	1.5139e-003
tblVehicleEF	LDT2	2.2690e-003	1.7024e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6860e-003	1.3934e-003
tblVehicleEF	LDT2	2.0860e-003	1.5653e-003
tblVehicleEF	LDT2	0.04	0.07

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.38
tblVehicleEF	LDT2	0.07	0.27
tblVehicleEF	LDT2	3.4320e-003	3.1413e-003
tblVehicleEF	LDT2	7.8300e-004	6.5790e-004
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.38
tblVehicleEF	LDT2	0.08	0.30
tblVehicleEF	LDT2	5.2490e-003	3.4997e-003
tblVehicleEF	LDT2	4.8000e-003	0.05
tblVehicleEF	LDT2	0.73	0.86
tblVehicleEF	LDT2	1.03	2.18
tblVehicleEF	LDT2	356.77	327.66
tblVehicleEF	LDT2	76.37	65.84
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.08	0.23
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8340e-003	1.5139e-003
tblVehicleEF	LDT2	2.2690e-003	1.7024e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	LDT2	1.6860e-003	1.3934e-003
tblVehicleEF	LDT2	2.0860e-003	1.5653e-003
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.35
tblVehicleEF	LDT2	0.06	0.24
tblVehicleEF	LDT2	3.5730e-003	3.2415e-003
tblVehicleEF	LDT2	7.8100e-004	6.5155e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.05	0.35
tblVehicleEF	LDT2	0.07	0.27
tblVehicleEF	LDT2	4.8770e-003	3.2305e-003
tblVehicleEF	LDT2	5.4400e-003	0.06
tblVehicleEF	LDT2	0.65	0.76
tblVehicleEF	LDT2	1.22	2.60
tblVehicleEF	LDT2	337.54	313.79
tblVehicleEF	LDT2	76.37	66.62
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.09	0.25
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8340e-003	1.5139e-003

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	LDT2	2.2690e-003	1.7024e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6860e-003	1.3934e-003
tblVehicleEF	LDT2	2.0860e-003	1.5653e-003
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.07	0.28
tblVehicleEF	LDT2	3.3800e-003	3.1043e-003
tblVehicleEF	LDT2	7.8400e-004	6.5929e-004
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.08	0.30
tblVehicleEF	LHD1	5.1440e-003	5.3845e-003
tblVehicleEF	LHD1	8.3180e-003	4.0634e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.19
tblVehicleEF	LHD1	0.64	0.46
tblVehicleEF	LHD1	2.21	1.00
tblVehicleEF	LHD1	9.05	8.94
tblVehicleEF	LHD1	587.85	643.60

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	LHD1	31.08	11.73
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	1.07	0.65
tblVehicleEF	LHD1	0.93	0.31
tblVehicleEF	LHD1	8.7400e-004	8.1190e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.7537e-003
tblVehicleEF	LHD1	9.7940e-003	6.6438e-003
tblVehicleEF	LHD1	8.1700e-004	2.3220e-004
tblVehicleEF	LHD1	8.3600e-004	7.7678e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5470e-003	2.4384e-003
tblVehicleEF	LHD1	9.3500e-003	6.3321e-003
tblVehicleEF	LHD1	7.5200e-004	2.1350e-004
tblVehicleEF	LHD1	2.5990e-003	2.0069e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.6860e-003	1.3024e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.27	0.42
tblVehicleEF	LHD1	0.22	0.07
tblVehicleEF	LHD1	9.1000e-005	8.6787e-005
tblVehicleEF	LHD1	5.7610e-003	6.2796e-003
tblVehicleEF	LHD1	3.5200e-004	1.1603e-004
tblVehicleEF	LHD1	2.5990e-003	2.0069e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.02	0.03

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	LHD1	1.6860e-003	1.3024e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.27	0.42
tblVehicleEF	LHD1	0.25	0.07
tblVehicleEF	LHD1	5.1440e-003	5.3956e-003
tblVehicleEF	LHD1	8.4720e-003	4.1291e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.19
tblVehicleEF	LHD1	0.65	0.47
tblVehicleEF	LHD1	2.11	0.96
tblVehicleEF	LHD1	9.05	8.94
tblVehicleEF	LHD1	587.85	643.61
tblVehicleEF	LHD1	31.08	11.65
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	1.00	0.61
tblVehicleEF	LHD1	0.90	0.30
tblVehicleEF	LHD1	8.7400e-004	8.1190e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.7537e-003
tblVehicleEF	LHD1	9.7940e-003	6.6438e-003
tblVehicleEF	LHD1	8.1700e-004	2.3220e-004
tblVehicleEF	LHD1	8.3600e-004	7.7678e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5470e-003	2.4384e-003
tblVehicleEF	LHD1	9.3500e-003	6.3321e-003
tblVehicleEF	LHD1	7.5200e-004	2.1350e-004
tblVehicleEF	LHD1	3.6240e-003	2.8071e-003

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.2760e-003	1.7674e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.26	0.40
tblVehicleEF	LHD1	0.22	0.06
tblVehicleEF	LHD1	9.1000e-005	8.6787e-005
tblVehicleEF	LHD1	5.7620e-003	6.2797e-003
tblVehicleEF	LHD1	3.5100e-004	1.1532e-004
tblVehicleEF	LHD1	3.6240e-003	2.8071e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	2.2760e-003	1.7674e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.26	0.40
tblVehicleEF	LHD1	0.24	0.07
tblVehicleEF	LHD1	5.1440e-003	5.3824e-003
tblVehicleEF	LHD1	8.2770e-003	4.0457e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.19
tblVehicleEF	LHD1	0.64	0.46
tblVehicleEF	LHD1	2.22	1.00
tblVehicleEF	LHD1	9.05	8.94
tblVehicleEF	LHD1	587.85	643.59
tblVehicleEF	LHD1	31.08	11.74
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	1.05	0.64

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	LHD1	0.94	0.31
tblVehicleEF	LHD1	8.7400e-004	8.1190e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.7537e-003
tblVehicleEF	LHD1	9.7940e-003	6.6438e-003
tblVehicleEF	LHD1	8.1700e-004	2.3220e-004
tblVehicleEF	LHD1	8.3600e-004	7.7678e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5470e-003	2.4384e-003
tblVehicleEF	LHD1	9.3500e-003	6.3321e-003
tblVehicleEF	LHD1	7.5200e-004	2.1350e-004
tblVehicleEF	LHD1	2.6790e-003	2.0730e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.7000e-003	1.3162e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.29	0.45
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	9.1000e-005	8.6787e-005
tblVehicleEF	LHD1	5.7610e-003	6.2796e-003
tblVehicleEF	LHD1	3.5300e-004	1.1614e-004
tblVehicleEF	LHD1	2.6790e-003	2.0730e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.7000e-003	1.3162e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.29	0.45

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	LHD1	0.25	0.07
tblVehicleEF	LHD2	3.7290e-003	3.8794e-003
tblVehicleEF	LHD2	3.3120e-003	3.0662e-003
tblVehicleEF	LHD2	7.2560e-003	9.8116e-003
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.29	0.34
tblVehicleEF	LHD2	1.18	0.68
tblVehicleEF	LHD2	13.67	13.53
tblVehicleEF	LHD2	604.69	653.28
tblVehicleEF	LHD2	26.72	9.28
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.64	0.74
tblVehicleEF	LHD2	0.51	0.22
tblVehicleEF	LHD2	1.1580e-003	1.2540e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.8100e-003	9.7310e-003
tblVehicleEF	LHD2	4.1000e-004	1.3374e-004
tblVehicleEF	LHD2	1.1080e-003	1.1997e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6650e-003	2.6360e-003
tblVehicleEF	LHD2	8.4170e-003	9.2961e-003
tblVehicleEF	LHD2	3.7700e-004	1.2297e-004
tblVehicleEF	LHD2	9.7400e-004	1.2825e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.8200e-004	8.5779e-004

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.07	0.26
tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	1.3400e-004	1.2968e-004
tblVehicleEF	LHD2	5.8880e-003	6.3215e-003
tblVehicleEF	LHD2	2.8800e-004	9.1841e-005
tblVehicleEF	LHD2	9.7400e-004	1.2825e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.8200e-004	8.5779e-004
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.07	0.26
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	3.7290e-003	3.8874e-003
tblVehicleEF	LHD2	3.3450e-003	3.0936e-003
tblVehicleEF	LHD2	7.0320e-003	9.5029e-003
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.29	0.34
tblVehicleEF	LHD2	1.13	0.65
tblVehicleEF	LHD2	13.67	13.53
tblVehicleEF	LHD2	604.69	653.28
tblVehicleEF	LHD2	26.72	9.23
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.61	0.70
tblVehicleEF	LHD2	0.49	0.21
tblVehicleEF	LHD2	1.1580e-003	1.2540e-003
tblVehicleEF	LHD2	0.09	0.09

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.8100e-003	9.7310e-003
tblVehicleEF	LHD2	4.1000e-004	1.3374e-004
tblVehicleEF	LHD2	1.1080e-003	1.1997e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6650e-003	2.6360e-003
tblVehicleEF	LHD2	8.4170e-003	9.2961e-003
tblVehicleEF	LHD2	3.7700e-004	1.2297e-004
tblVehicleEF	LHD2	1.3660e-003	1.7960e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	9.2300e-004	1.1646e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.07	0.25
tblVehicleEF	LHD2	0.09	0.05
tblVehicleEF	LHD2	1.3400e-004	1.2968e-004
tblVehicleEF	LHD2	5.8880e-003	6.3216e-003
tblVehicleEF	LHD2	2.8800e-004	9.1357e-005
tblVehicleEF	LHD2	1.3660e-003	1.7960e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.2300e-004	1.1646e-003
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.07	0.25
tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	3.7290e-003	3.8779e-003
tblVehicleEF	LHD2	3.3030e-003	3.0589e-003

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	LHD2	7.3020e-003	9.8750e-003
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.29	0.34
tblVehicleEF	LHD2	1.18	0.68
tblVehicleEF	LHD2	13.67	13.53
tblVehicleEF	LHD2	604.69	653.27
tblVehicleEF	LHD2	26.72	9.29
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.63	0.73
tblVehicleEF	LHD2	0.51	0.22
tblVehicleEF	LHD2	1.1580e-003	1.2540e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.8100e-003	9.7310e-003
tblVehicleEF	LHD2	4.1000e-004	1.3374e-004
tblVehicleEF	LHD2	1.1080e-003	1.1997e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6650e-003	2.6360e-003
tblVehicleEF	LHD2	8.4170e-003	9.2961e-003
tblVehicleEF	LHD2	3.7700e-004	1.2297e-004
tblVehicleEF	LHD2	9.7300e-004	1.2991e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.7600e-004	8.5089e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.08	0.28
tblVehicleEF	LHD2	0.10	0.05

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	LHD2	1.3400e-004	1.2968e-004
tblVehicleEF	LHD2	5.8880e-003	6.3215e-003
tblVehicleEF	LHD2	2.8800e-004	9.1917e-005
tblVehicleEF	LHD2	9.7300e-004	1.2991e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.7600e-004	8.5089e-004
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.08	0.28
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	MCY	0.49	0.35
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.11	18.34
tblVehicleEF	MCY	9.59	8.48
tblVehicleEF	MCY	178.39	214.43
tblVehicleEF	MCY	44.52	59.44
tblVehicleEF	MCY	1.12	1.12
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.2180e-003	2.2005e-003
tblVehicleEF	MCY	3.6330e-003	3.0777e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.0720e-003	2.0559e-003
tblVehicleEF	MCY	3.4160e-003	2.8938e-003
tblVehicleEF	MCY	1.13	1.15

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	MCY	0.67	0.69
tblVehicleEF	MCY	0.69	0.71
tblVehicleEF	MCY	2.35	2.37
tblVehicleEF	MCY	0.62	1.91
tblVehicleEF	MCY	2.03	1.80
tblVehicleEF	MCY	2.1510e-003	2.1219e-003
tblVehicleEF	MCY	6.6200e-004	5.8822e-004
tblVehicleEF	MCY	1.13	1.15
tblVehicleEF	MCY	0.67	0.69
tblVehicleEF	MCY	0.69	0.71
tblVehicleEF	MCY	2.93	2.94
tblVehicleEF	MCY	0.62	1.91
tblVehicleEF	MCY	2.21	1.96
tblVehicleEF	MCY	0.48	0.34
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	17.46	17.67
tblVehicleEF	MCY	8.83	7.76
tblVehicleEF	MCY	178.39	213.16
tblVehicleEF	MCY	44.52	57.68
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.2180e-003	2.2005e-003
tblVehicleEF	MCY	3.6330e-003	3.0777e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	MCY	2.0720e-003	2.0559e-003
tblVehicleEF	MCY	3.4160e-003	2.8938e-003
tblVehicleEF	MCY	1.69	1.73
tblVehicleEF	MCY	0.71	0.73
tblVehicleEF	MCY	1.10	1.12
tblVehicleEF	MCY	2.30	2.31
tblVehicleEF	MCY	0.58	1.79
tblVehicleEF	MCY	1.83	1.61
tblVehicleEF	MCY	2.1390e-003	2.1094e-003
tblVehicleEF	MCY	6.4300e-004	5.7079e-004
tblVehicleEF	MCY	1.69	1.73
tblVehicleEF	MCY	0.71	0.73
tblVehicleEF	MCY	1.10	1.12
tblVehicleEF	MCY	2.86	2.87
tblVehicleEF	MCY	0.58	1.79
tblVehicleEF	MCY	1.99	1.75
tblVehicleEF	MCY	0.49	0.35
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.21	18.44
tblVehicleEF	MCY	9.71	8.60
tblVehicleEF	MCY	178.39	214.62
tblVehicleEF	MCY	44.52	59.76
tblVehicleEF	MCY	1.09	1.09
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.2180e-003	2.2005e-003

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	MCY	3.6330e-003	3.0777e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.0720e-003	2.0559e-003
tblVehicleEF	MCY	3.4160e-003	2.8938e-003
tblVehicleEF	MCY	1.25	1.27
tblVehicleEF	MCY	0.86	0.88
tblVehicleEF	MCY	0.73	0.75
tblVehicleEF	MCY	2.36	2.38
tblVehicleEF	MCY	0.71	2.20
tblVehicleEF	MCY	2.07	1.84
tblVehicleEF	MCY	2.1530e-003	2.1239e-003
tblVehicleEF	MCY	6.6500e-004	5.9133e-004
tblVehicleEF	MCY	1.25	1.27
tblVehicleEF	MCY	0.86	0.88
tblVehicleEF	MCY	0.73	0.75
tblVehicleEF	MCY	2.94	2.95
tblVehicleEF	MCY	0.71	2.20
tblVehicleEF	MCY	2.25	2.00
tblVehicleEF	MDV	9.1870e-003	4.2220e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.04	0.90
tblVehicleEF	MDV	2.15	2.83
tblVehicleEF	MDV	467.69	393.33
tblVehicleEF	MDV	101.87	80.90
tblVehicleEF	MDV	0.11	0.08
tblVehicleEF	MDV	0.19	0.30

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8820e-003	1.6172e-003
tblVehicleEF	MDV	2.2700e-003	1.7983e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7350e-003	1.4913e-003
tblVehicleEF	MDV	2.0880e-003	1.6536e-003
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.09	0.40
tblVehicleEF	MDV	0.16	0.34
tblVehicleEF	MDV	4.6820e-003	3.8882e-003
tblVehicleEF	MDV	1.0560e-003	8.0061e-004
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.09	0.40
tblVehicleEF	MDV	0.17	0.37
tblVehicleEF	MDV	9.6820e-003	4.4795e-003
tblVehicleEF	MDV	0.01	0.06
tblVehicleEF	MDV	1.13	0.98
tblVehicleEF	MDV	1.86	2.44
tblVehicleEF	MDV	486.30	403.90

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	MDV	101.87	80.16
tblVehicleEF	MDV	0.10	0.07
tblVehicleEF	MDV	0.18	0.28
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8820e-003	1.6172e-003
tblVehicleEF	MDV	2.2700e-003	1.7983e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7350e-003	1.4913e-003
tblVehicleEF	MDV	2.0880e-003	1.6536e-003
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.09	0.37
tblVehicleEF	MDV	0.14	0.31
tblVehicleEF	MDV	4.8690e-003	3.9928e-003
tblVehicleEF	MDV	1.0510e-003	7.9330e-004
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.09	0.37
tblVehicleEF	MDV	0.16	0.34
tblVehicleEF	MDV	9.0170e-003	4.1396e-003
tblVehicleEF	MDV	0.01	0.07

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	MDV	1.01	0.87
tblVehicleEF	MDV	2.21	2.92
tblVehicleEF	MDV	460.81	389.43
tblVehicleEF	MDV	101.87	81.07
tblVehicleEF	MDV	0.10	0.07
tblVehicleEF	MDV	0.20	0.30
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8820e-003	1.6172e-003
tblVehicleEF	MDV	2.2700e-003	1.7983e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7350e-003	1.4913e-003
tblVehicleEF	MDV	2.0880e-003	1.6536e-003
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.16	0.14
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.11	0.47
tblVehicleEF	MDV	0.16	0.35
tblVehicleEF	MDV	4.6120e-003	3.8496e-003
tblVehicleEF	MDV	1.0570e-003	8.0221e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.16	0.14
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.47

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	MDV	0.18	0.38
tblVehicleEF	MH	0.02	7.6349e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.49	0.84
tblVehicleEF	MH	4.71	1.82
tblVehicleEF	MH	1,100.52	1,423.89
tblVehicleEF	MH	56.84	17.32
tblVehicleEF	MH	1.24	1.32
tblVehicleEF	MH	0.70	0.23
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	9.3800e-004	2.2417e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2410e-003	3.3068e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	8.6200e-004	2.0612e-004
tblVehicleEF	MH	0.80	0.67
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.36	0.30
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.02	1.05
tblVehicleEF	MH	0.28	0.08
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.5000e-004	1.7144e-004
tblVehicleEF	MH	0.80	0.67
tblVehicleEF	MH	0.06	0.05

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	MH	0.36	0.30
tblVehicleEF	MH	0.09	0.06
tblVehicleEF	MH	0.02	1.05
tblVehicleEF	MH	0.30	0.09
tblVehicleEF	MH	0.02	7.7851e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.53	0.86
tblVehicleEF	MH	4.46	1.73
tblVehicleEF	MH	1,100.52	1,423.92
tblVehicleEF	MH	56.84	17.17
tblVehicleEF	MH	1.16	1.23
tblVehicleEF	MH	0.67	0.22
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	9.3800e-004	2.2417e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2410e-003	3.3068e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	8.6200e-004	2.0612e-004
tblVehicleEF	MH	1.07	0.91
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.48	0.41
tblVehicleEF	MH	0.07	0.05
tblVehicleEF	MH	0.02	1.02
tblVehicleEF	MH	0.27	0.08
tblVehicleEF	MH	0.01	0.01

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	MH	6.4600e-004	1.6988e-004
tblVehicleEF	MH	1.07	0.91
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.48	0.41
tblVehicleEF	MH	0.09	0.07
tblVehicleEF	MH	0.02	1.02
tblVehicleEF	MH	0.29	0.09
tblVehicleEF	MH	0.02	7.5897e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.48	0.83
tblVehicleEF	MH	4.74	1.83
tblVehicleEF	MH	1,100.52	1,423.88
tblVehicleEF	MH	56.84	17.35
tblVehicleEF	MH	1.22	1.29
tblVehicleEF	MH	0.71	0.23
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	9.3800e-004	2.2417e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2410e-003	3.3068e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	8.6200e-004	2.0612e-004
tblVehicleEF	MH	0.87	0.73
tblVehicleEF	MH	0.07	0.06
tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.06	0.05

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	MH	0.02	1.11
tblVehicleEF	MH	0.28	0.08
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.5100e-004	1.7170e-004
tblVehicleEF	MH	0.87	0.73
tblVehicleEF	MH	0.07	0.06
tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.09	0.06
tblVehicleEF	MH	0.02	1.11
tblVehicleEF	MH	0.30	0.09
tblVehicleEF	MHD	0.02	4.7658e-003
tblVehicleEF	MHD	2.9430e-003	1.3812e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.33	0.39
tblVehicleEF	MHD	0.26	0.19
tblVehicleEF	MHD	5.08	1.21
tblVehicleEF	MHD	141.00	53.16
tblVehicleEF	MHD	1,129.46	1,011.60
tblVehicleEF	MHD	58.21	12.50
tblVehicleEF	MHD	0.36	0.25
tblVehicleEF	MHD	0.69	0.95
tblVehicleEF	MHD	10.82	1.53
tblVehicleEF	MHD	7.6000e-005	1.9781e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.7910e-003	5.6976e-003
tblVehicleEF	MHD	7.2300e-004	1.1541e-004

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	MHD	7.2000e-005	1.8926e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.6680e-003	5.4456e-003
tblVehicleEF	MHD	6.6500e-004	1.0611e-004
tblVehicleEF	MHD	9.9700e-004	4.8129e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.7900e-004	3.4273e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.31	0.06
tblVehicleEF	MHD	1.3570e-003	5.0631e-004
tblVehicleEF	MHD	0.01	9.6794e-003
tblVehicleEF	MHD	6.7100e-004	1.2371e-004
tblVehicleEF	MHD	9.9700e-004	4.8129e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	6.7900e-004	3.4273e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.34	0.06
tblVehicleEF	MHD	0.01	4.5191e-003
tblVehicleEF	MHD	2.9770e-003	1.4067e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.24	0.32
tblVehicleEF	MHD	0.26	0.19

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	MHD	4.84	1.16
tblVehicleEF	MHD	149.34	53.14
tblVehicleEF	MHD	1,129.46	1,011.61
tblVehicleEF	MHD	58.21	12.40
tblVehicleEF	MHD	0.37	0.24
tblVehicleEF	MHD	0.65	0.90
tblVehicleEF	MHD	10.79	1.52
tblVehicleEF	MHD	6.4000e-005	1.6898e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.7910e-003	5.6976e-003
tblVehicleEF	MHD	7.2300e-004	1.1541e-004
tblVehicleEF	MHD	6.1000e-005	1.6167e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.6680e-003	5.4456e-003
tblVehicleEF	MHD	6.6500e-004	1.0611e-004
tblVehicleEF	MHD	1.4050e-003	6.7948e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	9.3200e-004	4.6860e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.30	0.06
tblVehicleEF	MHD	1.4350e-003	5.0631e-004
tblVehicleEF	MHD	0.01	9.6795e-003
tblVehicleEF	MHD	6.6700e-004	1.2274e-004

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	MHD	1.4050e-003	6.7948e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	9.3200e-004	4.6860e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.33	0.06
tblVehicleEF	MHD	0.02	5.1223e-003
tblVehicleEF	MHD	2.9330e-003	1.3724e-003
tblVehicleEF	MHD	0.05	0.01
tblVehicleEF	MHD	0.46	0.48
tblVehicleEF	MHD	0.26	0.19
tblVehicleEF	MHD	5.12	1.22
tblVehicleEF	MHD	129.46	53.18
tblVehicleEF	MHD	1,129.46	1,011.60
tblVehicleEF	MHD	58.21	12.52
tblVehicleEF	MHD	0.34	0.26
tblVehicleEF	MHD	0.68	0.93
tblVehicleEF	MHD	10.83	1.53
tblVehicleEF	MHD	9.2000e-005	2.3763e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.7910e-003	5.6976e-003
tblVehicleEF	MHD	7.2300e-004	1.1541e-004
tblVehicleEF	MHD	8.8000e-005	2.2735e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	MHD	2.6680e-003	5.4456e-003
tblVehicleEF	MHD	6.6500e-004	1.0611e-004
tblVehicleEF	MHD	1.0150e-003	4.7978e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.8500e-004	3.4117e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.11
tblVehicleEF	MHD	0.32	0.06
tblVehicleEF	MHD	1.2480e-003	5.0623e-004
tblVehicleEF	MHD	0.01	9.6794e-003
tblVehicleEF	MHD	6.7200e-004	1.2390e-004
tblVehicleEF	MHD	1.0150e-003	4.7978e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.8500e-004	3.4117e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.11
tblVehicleEF	MHD	0.35	0.06
tblVehicleEF	OBUS	0.01	8.6761e-003
tblVehicleEF	OBUS	5.8760e-003	4.8662e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.55
tblVehicleEF	OBUS	0.43	0.61
tblVehicleEF	OBUS	5.05	2.32
tblVehicleEF	OBUS	76.29	77.70
tblVehicleEF	OBUS	1,208.63	1,354.39

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	OBUS	69.33	19.82
tblVehicleEF	OBUS	0.15	0.29
tblVehicleEF	OBUS	0.55	0.97
tblVehicleEF	OBUS	1.99	0.75
tblVehicleEF	OBUS	1.4000e-005	9.7570e-005
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.3250e-003	6.0792e-003
tblVehicleEF	OBUS	8.7700e-004	1.9850e-004
tblVehicleEF	OBUS	1.3000e-005	9.3349e-005
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.2060e-003	5.8002e-003
tblVehicleEF	OBUS	8.0600e-004	1.8251e-004
tblVehicleEF	OBUS	1.3670e-003	1.7572e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.5000e-004	9.4778e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.04	0.23
tblVehicleEF	OBUS	0.32	0.11
tblVehicleEF	OBUS	7.4000e-004	7.4054e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8200e-004	1.9609e-004
tblVehicleEF	OBUS	1.3670e-003	1.7572e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	OBUS	7.5000e-004	9.4778e-004
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.04	0.23
tblVehicleEF	OBUS	0.35	0.12
tblVehicleEF	OBUS	0.01	8.7517e-003
tblVehicleEF	OBUS	5.9810e-003	4.9687e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.55
tblVehicleEF	OBUS	0.43	0.62
tblVehicleEF	OBUS	4.79	2.20
tblVehicleEF	OBUS	79.82	76.85
tblVehicleEF	OBUS	1,208.63	1,354.41
tblVehicleEF	OBUS	69.33	19.61
tblVehicleEF	OBUS	0.16	0.28
tblVehicleEF	OBUS	0.51	0.91
tblVehicleEF	OBUS	1.96	0.74
tblVehicleEF	OBUS	1.2000e-005	8.6697e-005
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.3250e-003	6.0792e-003
tblVehicleEF	OBUS	8.7700e-004	1.9850e-004
tblVehicleEF	OBUS	1.1000e-005	8.2947e-005
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.2060e-003	5.8002e-003
tblVehicleEF	OBUS	8.0600e-004	1.8251e-004
tblVehicleEF	OBUS	1.8810e-003	2.4024e-003

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.0260e-003	1.2829e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	7.7400e-004	7.3248e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7700e-004	1.9409e-004
tblVehicleEF	OBUS	1.8810e-003	2.4024e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	1.0260e-003	1.2829e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.33	0.12
tblVehicleEF	OBUS	0.01	8.5929e-003
tblVehicleEF	OBUS	5.8450e-003	4.8362e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.56
tblVehicleEF	OBUS	0.43	0.60
tblVehicleEF	OBUS	5.09	2.34
tblVehicleEF	OBUS	71.43	78.88
tblVehicleEF	OBUS	1,208.63	1,354.38
tblVehicleEF	OBUS	69.33	19.85
tblVehicleEF	OBUS	0.15	0.31
tblVehicleEF	OBUS	0.54	0.96

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	OBUS	2.00	0.75
tblVehicleEF	OBUS	1.7000e-005	1.1258e-004
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.3250e-003	6.0792e-003
tblVehicleEF	OBUS	8.7700e-004	1.9850e-004
tblVehicleEF	OBUS	1.6000e-005	1.0771e-004
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.2060e-003	5.8002e-003
tblVehicleEF	OBUS	8.0600e-004	1.8251e-004
tblVehicleEF	OBUS	1.3790e-003	1.7846e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.4200e-004	9.4326e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.04	0.24
tblVehicleEF	OBUS	0.32	0.11
tblVehicleEF	OBUS	6.9400e-004	7.5167e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8300e-004	1.9642e-004
tblVehicleEF	OBUS	1.3790e-003	1.7846e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.06
tblVehicleEF	OBUS	7.4200e-004	9.4326e-004
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.04	0.24

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	OBUS	0.35	0.13
tblVehicleEF	SBUS	0.84	0.08
tblVehicleEF	SBUS	0.02	9.9036e-003
tblVehicleEF	SBUS	0.08	7.9001e-003
tblVehicleEF	SBUS	8.38	3.16
tblVehicleEF	SBUS	1.03	0.90
tblVehicleEF	SBUS	8.97	1.09
tblVehicleEF	SBUS	1,100.64	359.03
tblVehicleEF	SBUS	1,073.61	1,094.78
tblVehicleEF	SBUS	56.82	6.39
tblVehicleEF	SBUS	8.42	3.59
tblVehicleEF	SBUS	3.91	5.50
tblVehicleEF	SBUS	11.93	0.68
tblVehicleEF	SBUS	8.0260e-003	5.0547e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.8700e-004	7.2110e-005
tblVehicleEF	SBUS	7.6790e-003	4.8360e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6630e-003	2.6315e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.0700e-004	6.6302e-005
tblVehicleEF	SBUS	3.3970e-003	1.1280e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.00	0.38
tblVehicleEF	SBUS	1.9330e-003	6.2414e-004

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	SBUS	0.11	0.12
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.47	0.05
tblVehicleEF	SBUS	0.01	3.4304e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	7.2400e-004	6.3230e-005
tblVehicleEF	SBUS	3.3970e-003	1.1280e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.44	0.54
tblVehicleEF	SBUS	1.9330e-003	6.2414e-004
tblVehicleEF	SBUS	0.14	0.14
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.52	0.05
tblVehicleEF	SBUS	0.84	0.08
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.07	7.0991e-003
tblVehicleEF	SBUS	8.27	3.12
tblVehicleEF	SBUS	1.04	0.91
tblVehicleEF	SBUS	7.41	0.90
tblVehicleEF	SBUS	1,149.38	368.93
tblVehicleEF	SBUS	1,073.61	1,094.80
tblVehicleEF	SBUS	56.82	6.07
tblVehicleEF	SBUS	8.69	3.69
tblVehicleEF	SBUS	3.69	5.19
tblVehicleEF	SBUS	11.90	0.68
tblVehicleEF	SBUS	6.7660e-003	4.2669e-003
tblVehicleEF	SBUS	0.74	0.74

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.8700e-004	7.2110e-005
tblVehicleEF	SBUS	6.4740e-003	4.0823e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6630e-003	2.6315e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.0700e-004	6.6302e-005
tblVehicleEF	SBUS	4.6630e-003	1.5458e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.00	0.38
tblVehicleEF	SBUS	2.6350e-003	8.4887e-004
tblVehicleEF	SBUS	0.11	0.12
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.42	0.04
tblVehicleEF	SBUS	0.01	3.5240e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.9700e-004	6.0101e-005
tblVehicleEF	SBUS	4.6630e-003	1.5458e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.44	0.54
tblVehicleEF	SBUS	2.6350e-003	8.4887e-004
tblVehicleEF	SBUS	0.14	0.14
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.46	0.05
tblVehicleEF	SBUS	0.84	0.08
tblVehicleEF	SBUS	0.02	9.8706e-003

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	SBUS	0.08	8.0150e-003
tblVehicleEF	SBUS	8.52	3.21
tblVehicleEF	SBUS	1.02	0.89
tblVehicleEF	SBUS	9.12	1.11
tblVehicleEF	SBUS	1,033.33	345.35
tblVehicleEF	SBUS	1,073.61	1,094.77
tblVehicleEF	SBUS	56.82	6.42
tblVehicleEF	SBUS	8.05	3.46
tblVehicleEF	SBUS	3.84	5.41
tblVehicleEF	SBUS	11.94	0.68
tblVehicleEF	SBUS	9.7670e-003	6.1427e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.8700e-004	7.2110e-005
tblVehicleEF	SBUS	9.3440e-003	5.8770e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6630e-003	2.6315e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.0700e-004	6.6302e-005
tblVehicleEF	SBUS	3.3440e-003	1.1181e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.00	0.38
tblVehicleEF	SBUS	1.8840e-003	6.0675e-004
tblVehicleEF	SBUS	0.11	0.12
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.48	0.05

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	SBUS	0.01	3.3012e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	7.2600e-004	6.3529e-005
tblVehicleEF	SBUS	3.3440e-003	1.1181e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.45	0.54
tblVehicleEF	SBUS	1.8840e-003	6.0675e-004
tblVehicleEF	SBUS	0.14	0.14
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.52	0.05
tblVehicleEF	UBUS	1.69	5.27
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	8.06	41.13
tblVehicleEF	UBUS	12.43	1.81
tblVehicleEF	UBUS	1,803.73	2,036.06
tblVehicleEF	UBUS	136.85	20.35
tblVehicleEF	UBUS	3.94	0.44
tblVehicleEF	UBUS	13.12	0.17
tblVehicleEF	UBUS	0.52	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.03	3.0694e-003
tblVehicleEF	UBUS	1.2820e-003	1.7020e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003
tblVehicleEF	UBUS	0.03	2.9232e-003
tblVehicleEF	UBUS	1.1780e-003	1.5649e-004
tblVehicleEF	UBUS	5.8750e-003	8.5879e-004

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	3.5880e-003	6.5275e-004
tblVehicleEF	UBUS	0.44	0.08
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	0.94	0.10
tblVehicleEF	UBUS	8.5770e-003	3.8203e-003
tblVehicleEF	UBUS	1.5920e-003	2.0134e-004
tblVehicleEF	UBUS	5.8750e-003	8.5879e-004
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	3.5880e-003	6.5275e-004
tblVehicleEF	UBUS	2.18	5.39
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.03	0.11
tblVehicleEF	UBUS	1.69	5.27
tblVehicleEF	UBUS	0.06	0.02
tblVehicleEF	UBUS	8.11	41.13
tblVehicleEF	UBUS	10.96	1.61
tblVehicleEF	UBUS	1,803.73	2,036.06
tblVehicleEF	UBUS	136.85	20.00
tblVehicleEF	UBUS	3.69	0.44
tblVehicleEF	UBUS	13.05	0.16
tblVehicleEF	UBUS	0.52	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.03	3.0694e-003
tblVehicleEF	UBUS	1.2820e-003	1.7020e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	UBUS	0.03	2.9232e-003
tblVehicleEF	UBUS	1.1780e-003	1.5649e-004
tblVehicleEF	UBUS	7.8850e-003	1.1874e-003
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	4.7730e-003	9.0804e-004
tblVehicleEF	UBUS	0.44	0.08
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	0.87	0.09
tblVehicleEF	UBUS	8.5780e-003	3.8204e-003
tblVehicleEF	UBUS	1.5670e-003	1.9788e-004
tblVehicleEF	UBUS	7.8850e-003	1.1874e-003
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	4.7730e-003	9.0804e-004
tblVehicleEF	UBUS	2.18	5.39
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	0.95	0.10
tblVehicleEF	UBUS	1.69	5.27
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	8.05	41.13
tblVehicleEF	UBUS	12.68	1.85
tblVehicleEF	UBUS	1,803.73	2,036.05
tblVehicleEF	UBUS	136.85	20.41
tblVehicleEF	UBUS	3.86	0.44
tblVehicleEF	UBUS	13.14	0.17
tblVehicleEF	UBUS	0.52	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.03	3.0694e-003

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleEF	UBUS	1.2820e-003	1.7020e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003
tblVehicleEF	UBUS	0.03	2.9232e-003
tblVehicleEF	UBUS	1.1780e-003	1.5649e-004
tblVehicleEF	UBUS	6.5460e-003	8.7770e-004
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.7380e-003	6.3665e-004
tblVehicleEF	UBUS	0.43	0.08
tblVehicleEF	UBUS	0.04	0.08
tblVehicleEF	UBUS	0.95	0.10
tblVehicleEF	UBUS	8.5770e-003	3.8203e-003
tblVehicleEF	UBUS	1.5960e-003	2.0197e-004
tblVehicleEF	UBUS	6.5460e-003	8.7770e-004
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.7380e-003	6.3665e-004
tblVehicleEF	UBUS	2.17	5.39
tblVehicleEF	UBUS	0.04	0.08
tblVehicleEF	UBUS	1.04	0.11
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PB_TP	10.00	0.00
tblVehicleTrips	PR_TP	73.00	100.00
tblVehicleTrips	PR_TP	60.00	100.00
tblVehicleTrips	ST_TR	8.14	10.87
tblVehicleTrips	ST_TR	8.96	6.68

UCI - ICMC - Unmitigated Generators - Orange County, Summer

tblVehicleTrips	SU_TR	7.19	9.60
tblVehicleTrips	SU_TR	1.55	1.16
tblVehicleTrips	WD_TR	12.94	17.28
tblVehicleTrips	WD_TR	36.13	26.94

2.0 Emissions Summary

UCI - ICMC - Unmitigated Generators - Orange County, Summer

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	8.5476	77.7503	74.3833	0.2657	18.2675	2.0737	20.3132	9.9840	1.9497	11.8661	0.0000	27,231.1323	27,231.1323	2.3707	0.0000	27,290.4007
2022	7.8919	71.7176	71.5666	0.2607	13.8834	1.7621	15.6455	3.7445	1.6576	5.4021	0.0000	26,730.9107	26,730.9107	2.3134	0.0000	26,788.7457
2023	41.6827	69.8470	83.6980	0.2776	14.9899	2.0150	16.5714	4.0380	1.8845	5.6734	0.0000	28,348.2694	28,348.2694	2.9407	0.0000	28,421.7873
Maximum	41.6827	77.7503	83.6980	0.2776	18.2675	2.0737	20.3132	9.9840	1.9497	11.8661	0.0000	28,348.2694	28,348.2694	2.9407	0.0000	28,421.7873

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	8.5476	77.7503	74.3833	0.2657	12.8359	2.0737	14.9097	3.9225	1.9497	5.8046	0.0000	27,231.1323	27,231.1323	2.3707	0.0000	27,290.4007
2022	7.8919	71.7176	71.5666	0.2607	12.8359	1.7621	14.5980	3.4874	1.6576	5.1450	0.0000	26,730.9107	26,730.9107	2.3134	0.0000	26,788.7457
2023	41.6827	69.8470	83.6980	0.2776	13.8558	2.0150	15.4373	3.7596	1.8845	5.4131	0.0000	28,348.2694	28,348.2694	2.9407	0.0000	28,421.7872
Maximum	41.6827	77.7503	83.6980	0.2776	13.8558	2.0737	15.4373	3.9225	1.9497	5.8046	0.0000	28,348.2694	28,348.2694	2.9407	0.0000	28,421.7872

UCI - ICMC - Unmitigated Generators - Orange County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	16.15	0.00	14.44	37.13	0.00	28.68	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	12.6690	1.5800e-003	0.1740	1.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004		0.3730	0.3730	9.8000e-004		0.3975
Energy	0.7008	6.3706	5.3513	0.0382		0.4842	0.4842		0.4842	0.4842		7,644.7059	7,644.7059	0.1465	0.1402	7,690.1346
Mobile	18.7763	33.5713	224.8680	0.7328	75.0255	0.4845	75.5100	20.0397	0.4512	20.4910		75,499.6916	75,499.6916	4.0984		75,602.1528
Stationary	9.2927	39.7649	31.9275	0.1009		2.0328	2.0328		2.0328	2.0328		16,242.8752	16,242.8752	0.8533		16,264.2079
Total	41.4387	79.7084	262.3208	0.8720	75.0255	3.0021	78.0275	20.0397	2.9688	23.0085		99,387.6457	99,387.6457	5.0993	0.1402	99,556.8926

UCI - ICMC - Unmitigated Generators - Orange County, Summer

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	12.6690	1.5800e-003	0.1740	1.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004		0.3730	0.3730	9.8000e-004		0.3975
Energy	0.4002	3.6385	3.0563	0.0218		0.2765	0.2765		0.2765	0.2765		4,366.1966	4,366.1966	0.0837	0.0801	4,392.1427
Mobile	18.2704	30.9018	206.1295	0.6609	67.5229	0.4394	67.9623	18.0358	0.4091	18.4449		68,089.9752	68,089.9752	3.7751		68,184.3518
Stationary	9.2927	39.7649	31.9275	0.1009		2.0328	2.0328		2.0328	2.0328		16,242.8752	16,242.8752	0.8533		16,264.2079
Total	40.6324	74.3068	241.2872	0.7836	67.5229	2.7493	70.2722	18.0358	2.7191	20.7548		88,699.4200	88,699.4200	4.7131	0.0801	88,841.0999

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	1.95	6.78	8.02	10.13	10.00	8.42	9.94	10.00	8.41	9.80	0.00	10.75	10.75	7.57	42.88	10.76

3.0 Construction Detail

Construction Phase

UCI - ICMC - Unmitigated Generators - Orange County, Summer

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition phase A	Demolition	4/5/2021	4/30/2021	5	20	
2	Site Preparation phase A	Site Preparation	5/1/2021	5/14/2021	5	10	
3	Grading phase A	Grading	5/15/2021	6/25/2021	5	30	
4	Building Construction Phase B	Building Construction	6/28/2021	6/30/2023	5	525	
5	Building Construction Phase C	Building Construction	6/28/2021	10/31/2023	5	612	
6	Paving Phase B	Paving	1/1/2023	1/31/2023	5	22	
7	Architectural Coating Phase B	Architectural Coating	2/1/2023	5/31/2023	5	86	
8	Paving Phase C	Paving	6/1/2023	6/30/2023	5	22	
9	Architectural Coating Phase C	Architectural Coating	7/1/2023	10/31/2023	5	87	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 7.3

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 877,500; Non-Residential Outdoor: 292,500; Striped Parking Area: 45,592 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition phase A	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition phase A	Excavators	3	8.00	158	0.38
Demolition phase A	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation phase A	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation phase A	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading phase A	Excavators	1	8.00	158	0.38
Grading phase A	Graders	1	8.00	187	0.41

UCI - ICMC - Unmitigated Generators - Orange County, Summer

Grading phase A	Rubber Tired Dozers	1	8.00	247	0.40
Grading phase A	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction Phase B	Cranes	1	7.00	231	0.29
Building Construction Phase B	Forklifts	3	8.00	89	0.20
Building Construction Phase B	Generator Sets	1	8.00	84	0.74
Building Construction Phase B	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction Phase B	Welders	1	8.00	46	0.45
Building Construction Phase C	Cranes	1	7.00	231	0.29
Building Construction Phase C	Forklifts	3	8.00	89	0.20
Building Construction Phase C	Generator Sets	1	8.00	84	0.74
Building Construction Phase C	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction Phase C	Welders	1	8.00	46	0.45
Paving Phase B	Pavers	2	8.00	130	0.42
Paving Phase B	Paving Equipment	2	8.00	132	0.36
Paving Phase B	Rollers	2	8.00	80	0.38
Architectural Coating Phase B	Air Compressors	1	6.00	78	0.48
Paving Phase C	Pavers	2	8.00	130	0.42
Paving Phase C	Paving Equipment	2	8.00	132	0.36
Paving Phase C	Rollers	2	8.00	80	0.38
Architectural Coating Phase C	Air Compressors	1	6.00	78	0.48

Trips and VMT

UCI - ICMC - Unmitigated Generators - Orange County, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition phase A	6	15.00	0.00	32.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation phase A	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading phase A	6	15.00	0.00	2,268.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Phase B	9	497.00	217.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Phase C	9	497.00	217.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving Phase B	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating Phase B	1	99.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving Phase C	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating Phase C	1	99.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

UCI - ICMC - Unmitigated Generators - Orange County, Summer

3.2 Demolition phase A - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3445	0.0000	0.3445	0.0522	0.0000	0.0522			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388	0.3445	1.5513	1.8959	0.0522	1.4411	1.4933		3,747.9449	3,747.9449	1.0549		3,774.3174

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0115	0.4067	0.1117	1.2100e-003	0.0279	1.2800e-003	0.0291	7.6300e-003	1.2200e-003	8.8500e-003		134.8189	134.8189	0.0140		135.1683
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0541	0.0328	0.4556	1.5800e-003	0.1677	1.0900e-003	0.1688	0.0445	1.0000e-003	0.0455		157.8291	157.8291	3.3800e-003		157.9136
Total	0.0657	0.4395	0.5673	2.7900e-003	0.1955	2.3700e-003	0.1979	0.0521	2.2200e-003	0.0543		292.6480	292.6480	0.0174		293.0819

UCI - ICMC - Unmitigated Generators - Orange County, Summer

3.2 Demolition phase A - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1344	0.0000	0.1344	0.0203	0.0000	0.0203			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388	0.1344	1.5513	1.6857	0.0203	1.4411	1.4614	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0115	0.4067	0.1117	1.2100e-003	0.0260	1.2800e-003	0.0272	7.1600e-003	1.2200e-003	8.3800e-003		134.8189	134.8189	0.0140		135.1683
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0541	0.0328	0.4556	1.5800e-003	0.1546	1.0900e-003	0.1556	0.0413	1.0000e-003	0.0422		157.8291	157.8291	3.3800e-003		157.9136
Total	0.0657	0.4395	0.5673	2.7900e-003	0.1805	2.3700e-003	0.1829	0.0484	2.2200e-003	0.0506		292.6480	292.6480	0.0174		293.0819

UCI - ICMC - Unmitigated Generators - Orange County, Summer

3.3 Site Preparation phase A - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116		3,685.6569	3,685.6569	1.1920		3,715.4573

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0650	0.0393	0.5467	1.9000e-003	0.2012	1.3000e-003	0.2025	0.0534	1.2000e-003	0.0546		189.3950	189.3950	4.0600e-003		189.4963
Total	0.0650	0.0393	0.5467	1.9000e-003	0.2012	1.3000e-003	0.2025	0.0534	1.2000e-003	0.0546		189.3950	189.3950	4.0600e-003		189.4963

UCI - ICMC - Unmitigated Generators - Orange County, Summer

3.3 Site Preparation phase A - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	7.0458	2.0445	9.0903	3.8730	1.8809	5.7539	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0650	0.0393	0.5467	1.9000e-003	0.1855	1.3000e-003	0.1868	0.0495	1.2000e-003	0.0507		189.3950	189.3950	4.0600e-003		189.4963
Total	0.0650	0.0393	0.5467	1.9000e-003	0.1855	1.3000e-003	0.1868	0.0495	1.2000e-003	0.0507		189.3950	189.3950	4.0600e-003		189.4963

UCI - ICMC - Unmitigated Generators - Orange County, Summer

3.4 Grading phase A - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6207	0.0000	6.6207	3.3778	0.0000	3.3778			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
Total	2.2903	24.7367	15.8575	0.0296	6.6207	1.1599	7.7806	3.3778	1.0671	4.4450		2,871.9285	2,871.9285	0.9288		2,895.1495

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5445	19.2186	5.2797	0.0570	1.3162	0.0604	1.3766	0.3603	0.0578	0.4181		6,370.1908	6,370.1908	0.6605		6,386.7021
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0541	0.0328	0.4556	1.5800e-003	0.1677	1.0900e-003	0.1688	0.0445	1.0000e-003	0.0455		157.8291	157.8291	3.3800e-003		157.9136
Total	0.5986	19.2514	5.7353	0.0586	1.4839	0.0615	1.5454	0.4048	0.0588	0.4635		6,528.0199	6,528.0199	0.6638		6,544.6157

UCI - ICMC - Unmitigated Generators - Orange County, Summer

3.4 Grading phase A - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.5821	0.0000	2.5821	1.3174	0.0000	1.3174			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
Total	2.2903	24.7367	15.8575	0.0296	2.5821	1.1599	3.7420	1.3174	1.0671	2.3845	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5445	19.2186	5.2797	0.0570	1.2263	0.0604	1.2867	0.3382	0.0578	0.3960		6,370.1908	6,370.1908	0.6605		6,386.7021
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0541	0.0328	0.4556	1.5800e-003	0.1546	1.0900e-003	0.1556	0.0413	1.0000e-003	0.0422		157.8291	157.8291	3.3800e-003		157.9136
Total	0.5986	19.2514	5.7353	0.0586	1.3808	0.0615	1.4423	0.3795	0.0588	0.4382		6,528.0199	6,528.0199	0.6638		6,544.6157

UCI - ICMC - Unmitigated Generators - Orange County, Summer

3.5 Building Construction Phase B - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5790	20.3577	5.5211	0.0535	1.3864	0.0423	1.4287	0.3990	0.0404	0.4394		5,832.7973	5,832.7973	0.4574		5,844.2316
Worker	1.7939	1.0854	15.0953	0.0524	5.5553	0.0360	5.5913	1.4733	0.0331	1.5064		5,229.4049	5,229.4049	0.1120		5,232.2045
Total	2.3729	21.4431	20.6164	0.1060	6.9417	0.0782	7.0200	1.8723	0.0736	1.9458		11,062.2022	11,062.2022	0.5694		11,076.4361

UCI - ICMC - Unmitigated Generators - Orange County, Summer

3.5 Building Construction Phase B - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5790	20.3577	5.5211	0.0535	1.2974	0.0423	1.3396	0.3771	0.0404	0.4176		5,832.7973	5,832.7973	0.4574		5,844.2316
Worker	1.7939	1.0854	15.0953	0.0524	5.1206	0.0360	5.1566	1.3666	0.0331	1.3997		5,229.4049	5,229.4049	0.1120		5,232.2045
Total	2.3729	21.4431	20.6164	0.1060	6.4180	0.0782	6.4962	1.7437	0.0736	1.8173		11,062.2022	11,062.2022	0.5694		11,076.4361

UCI - ICMC - Unmitigated Generators - Orange County, Summer

3.5 Building Construction Phase B - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5444	19.2598	5.3311	0.0529	1.3864	0.0368	1.4232	0.3990	0.0352	0.4341		5,775.5117	5,775.5117	0.4431		5,786.5879
Worker	1.6953	0.9834	14.0888	0.0505	5.5553	0.0353	5.5906	1.4733	0.0325	1.5058		5,035.6101	5,035.6101	0.1017		5,038.1528
Total	2.2397	20.2432	19.4199	0.1034	6.9417	0.0721	7.0137	1.8723	0.0676	1.9399		10,811.1218	10,811.1218	0.5448		10,824.7406

UCI - ICMC - Unmitigated Generators - Orange County, Summer

3.5 Building Construction Phase B - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5444	19.2598	5.3311	0.0529	1.2973	0.0368	1.3341	0.3771	0.0352	0.4123		5,775.5117	5,775.5117	0.4431		5,786.5879
Worker	1.6953	0.9834	14.0888	0.0505	5.1206	0.0353	5.1559	1.3666	0.0325	1.3991		5,035.6101	5,035.6101	0.1017		5,038.1528
Total	2.2397	20.2432	19.4199	0.1034	6.4179	0.0721	6.4900	1.7437	0.0676	1.8113		10,811.1218	10,811.1218	0.5448		10,824.7406

UCI - ICMC - Unmitigated Generators - Orange County, Summer

3.5 Building Construction Phase B - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4143	14.5365	4.9757	0.0512	1.3864	0.0175	1.4039	0.3990	0.0167	0.4157		5,600.0441	5,600.0441	0.4119		5,610.3411
Worker	1.6055	0.8928	13.1390	0.0485	5.5553	0.0347	5.5900	1.4733	0.0319	1.5052		4,842.0199	4,842.0199	0.0923		4,844.3262
Total	2.0198	15.4293	18.1146	0.0997	6.9417	0.0522	6.9938	1.8722	0.0486	1.9209		10,442.0640	10,442.0640	0.5041		10,454.6673

UCI - ICMC - Unmitigated Generators - Orange County, Summer

3.5 Building Construction Phase B - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4143	14.5365	4.9757	0.0512	1.2973	0.0175	1.3148	0.3771	0.0167	0.3938		5,600.0441	5,600.0441	0.4119		5,610.3411
Worker	1.6055	0.8928	13.1390	0.0485	5.1206	0.0347	5.1553	1.3666	0.0319	1.3985		4,842.0199	4,842.0199	0.0923		4,844.3262
Total	2.0198	15.4293	18.1146	0.0997	6.4179	0.0522	6.4701	1.7437	0.0486	1.7923		10,442.0640	10,442.0640	0.5041		10,454.6673

UCI - ICMC - Unmitigated Generators - Orange County, Summer

3.6 Building Construction Phase C - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5790	20.3577	5.5211	0.0535	1.3864	0.0423	1.4287	0.3990	0.0404	0.4394		5,832.7973	5,832.7973	0.4574		5,844.2316
Worker	1.7939	1.0854	15.0953	0.0524	5.5553	0.0360	5.5913	1.4733	0.0331	1.5064		5,229.4049	5,229.4049	0.1120		5,232.2045
Total	2.3729	21.4431	20.6164	0.1060	6.9417	0.0782	7.0200	1.8723	0.0736	1.9458		11,062.2022	11,062.2022	0.5694		11,076.4361

UCI - ICMC - Unmitigated Generators - Orange County, Summer

3.6 Building Construction Phase C - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5790	20.3577	5.5211	0.0535	1.2974	0.0423	1.3396	0.3771	0.0404	0.4176		5,832.7973	5,832.7973	0.4574		5,844.2316
Worker	1.7939	1.0854	15.0953	0.0524	5.1206	0.0360	5.1566	1.3666	0.0331	1.3997		5,229.4049	5,229.4049	0.1120		5,232.2045
Total	2.3729	21.4431	20.6164	0.1060	6.4180	0.0782	6.4962	1.7437	0.0736	1.8173		11,062.2022	11,062.2022	0.5694		11,076.4361

UCI - ICMC - Unmitigated Generators - Orange County, Summer

3.6 Building Construction Phase C - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5444	19.2598	5.3311	0.0529	1.3864	0.0368	1.4232	0.3990	0.0352	0.4341		5,775.5117	5,775.5117	0.4431		5,786.5879
Worker	1.6953	0.9834	14.0888	0.0505	5.5553	0.0353	5.5906	1.4733	0.0325	1.5058		5,035.6101	5,035.6101	0.1017		5,038.1528
Total	2.2397	20.2432	19.4199	0.1034	6.9417	0.0721	7.0137	1.8723	0.0676	1.9399		10,811.1218	10,811.1218	0.5448		10,824.7406

UCI - ICMC - Unmitigated Generators - Orange County, Summer

3.6 Building Construction Phase C - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5444	19.2598	5.3311	0.0529	1.2973	0.0368	1.3341	0.3771	0.0352	0.4123		5,775.5117	5,775.5117	0.4431		5,786.5879
Worker	1.6953	0.9834	14.0888	0.0505	5.1206	0.0353	5.1559	1.3666	0.0325	1.3991		5,035.6101	5,035.6101	0.1017		5,038.1528
Total	2.2397	20.2432	19.4199	0.1034	6.4179	0.0721	6.4900	1.7437	0.0676	1.8113		10,811.1218	10,811.1218	0.5448		10,824.7406

UCI - ICMC - Unmitigated Generators - Orange County, Summer

3.6 Building Construction Phase C - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4143	14.5365	4.9757	0.0512	1.3864	0.0175	1.4039	0.3990	0.0167	0.4157		5,600.0441	5,600.0441	0.4119		5,610.3411
Worker	1.6055	0.8928	13.1390	0.0485	5.5553	0.0347	5.5900	1.4733	0.0319	1.5052		4,842.0199	4,842.0199	0.0923		4,844.3262
Total	2.0198	15.4293	18.1146	0.0997	6.9417	0.0522	6.9938	1.8722	0.0486	1.9209		10,442.0640	10,442.0640	0.5041		10,454.6673

UCI - ICMC - Unmitigated Generators - Orange County, Summer

3.6 Building Construction Phase C - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4143	14.5365	4.9757	0.0512	1.2973	0.0175	1.3148	0.3771	0.0167	0.3938		5,600.0441	5,600.0441	0.4119		5,610.3411
Worker	1.6055	0.8928	13.1390	0.0485	5.1206	0.0347	5.1553	1.3666	0.0319	1.3985		4,842.0199	4,842.0199	0.0923		4,844.3262
Total	2.0198	15.4293	18.1146	0.0997	6.4179	0.0522	6.4701	1.7437	0.0486	1.7923		10,442.0640	10,442.0640	0.5041		10,454.6673

UCI - ICMC - Unmitigated Generators - Orange County, Summer

3.7 Paving Phase B - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.5597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.5925	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0485	0.0270	0.3966	1.4600e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		146.1374	146.1374	2.7800e-003		146.2070
Total	0.0485	0.0270	0.3966	1.4600e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		146.1374	146.1374	2.7800e-003		146.2070

UCI - ICMC - Unmitigated Generators - Orange County, Summer

3.7 Paving Phase B - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.5597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.5925	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0485	0.0270	0.3966	1.4600e-003	0.1546	1.0500e-003	0.1556	0.0413	9.6000e-004	0.0422		146.1374	146.1374	2.7800e-003		146.2070
Total	0.0485	0.0270	0.3966	1.4600e-003	0.1546	1.0500e-003	0.1556	0.0413	9.6000e-004	0.0422		146.1374	146.1374	2.7800e-003		146.2070

UCI - ICMC - Unmitigated Generators - Orange County, Summer

3.8 Architectural Coating Phase B - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	33.9860					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	34.1776	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3198	0.1778	2.6172	9.6700e-003	1.1066	6.9000e-003	1.1135	0.2935	6.3500e-003	0.2998		964.5070	964.5070	0.0184		964.9664
Total	0.3198	0.1778	2.6172	9.6700e-003	1.1066	6.9000e-003	1.1135	0.2935	6.3500e-003	0.2998		964.5070	964.5070	0.0184		964.9664

UCI - ICMC - Unmitigated Generators - Orange County, Summer

3.8 Architectural Coating Phase B - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	33.9860					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	34.1776	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3198	0.1778	2.6172	9.6700e-003	1.0200	6.9000e-003	1.0269	0.2722	6.3500e-003	0.2786		964.5070	964.5070	0.0184		964.9664
Total	0.3198	0.1778	2.6172	9.6700e-003	1.0200	6.9000e-003	1.0269	0.2722	6.3500e-003	0.2786		964.5070	964.5070	0.0184		964.9664

UCI - ICMC - Unmitigated Generators - Orange County, Summer

3.9 Paving Phase C - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.5597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.5925	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0485	0.0270	0.3966	1.4600e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		146.1374	146.1374	2.7800e-003		146.2070
Total	0.0485	0.0270	0.3966	1.4600e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		146.1374	146.1374	2.7800e-003		146.2070

UCI - ICMC - Unmitigated Generators - Orange County, Summer

3.9 Paving Phase C - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.5597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.5925	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0485	0.0270	0.3966	1.4600e-003	0.1546	1.0500e-003	0.1556	0.0413	9.6000e-004	0.0422		146.1374	146.1374	2.7800e-003		146.2070
Total	0.0485	0.0270	0.3966	1.4600e-003	0.1546	1.0500e-003	0.1556	0.0413	9.6000e-004	0.0422		146.1374	146.1374	2.7800e-003		146.2070

UCI - ICMC - Unmitigated Generators - Orange County, Summer

3.10 Architectural Coating Phase C - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	33.5953					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	33.7870	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3198	0.1778	2.6172	9.6700e-003	1.1066	6.9000e-003	1.1135	0.2935	6.3500e-003	0.2998		964.5070	964.5070	0.0184		964.9664
Total	0.3198	0.1778	2.6172	9.6700e-003	1.1066	6.9000e-003	1.1135	0.2935	6.3500e-003	0.2998		964.5070	964.5070	0.0184		964.9664

UCI - ICMC - Unmitigated Generators - Orange County, Summer

3.10 Architectural Coating Phase C - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	33.5953					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	33.7870	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3198	0.1778	2.6172	9.6700e-003	1.0200	6.9000e-003	1.0269	0.2722	6.3500e-003	0.2786		964.5070	964.5070	0.0184		964.9664
Total	0.3198	0.1778	2.6172	9.6700e-003	1.0200	6.9000e-003	1.0269	0.2722	6.3500e-003	0.2786		964.5070	964.5070	0.0184		964.9664

4.0 Operational Detail - Mobile

UCI - ICMC - Unmitigated Generators - Orange County, Summer

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	18.2704	30.9018	206.1295	0.6609	67.5229	0.4394	67.9623	18.0358	0.4091	18.4449		68,089.9752	68,089.9752	3.7751		68,184.3518
Unmitigated	18.7763	33.5713	224.8680	0.7328	75.0255	0.4845	75.5100	20.0397	0.4512	20.4910		75,499.6916	75,499.6916	4.0984		75,602.1528

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hospital	2,488.32	1,565.28	1382.40	10,752,699	9,677,429
Medical Office Building	6,061.50	1,503.00	261.00	17,581,417	15,823,275
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unenclosed Parking with Elevator	0.00	0.00	0.00		
Unenclosed Parking with Elevator	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	8,549.82	3,068.28	1,643.40	28,334,116	25,500,704

4.3 Trip Type Information

UCI - ICMC - Unmitigated Generators - Orange County, Summer

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Hospital	16.60	8.40	6.90	64.90	16.10	19.00	100	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	100	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unenclosed Parking with	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unenclosed Parking with	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Hospital	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Medical Office Building	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Other Non-Asphalt Surfaces	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Parking Lot	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Unenclosed Parking with Elevator	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Other Asphalt Surfaces	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

UCI - ICMC - Unmitigated Generators - Orange County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.4002	3.6385	3.0563	0.0218		0.2765	0.2765		0.2765	0.2765		4,366.1966	4,366.1966	0.0837	0.0801	4,392.1427
NaturalGas Unmitigated	0.7008	6.3706	5.3513	0.0382		0.4842	0.4842		0.4842	0.4842		7,644.7059	7,644.7059	0.1465	0.1402	7,690.1346

UCI - ICMC - Unmitigated Generators - Orange County, Summer

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Hospital	59345.8	0.6400	5.8182	4.8873	0.0349		0.4422	0.4422		0.4422	0.4422		6,981.8533	6,981.8533	0.1338	0.1280	7,023.3430
Medical Office Building	5634.25	0.0608	0.5524	0.4640	3.3100e-003		0.0420	0.0420		0.0420	0.0420		662.8525	662.8525	0.0127	0.0122	666.7915
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.7008	6.3706	5.3513	0.0382		0.4842	0.4842		0.4842	0.4842		7,644.7059	7,644.7059	0.1465	0.1402	7,690.1346

UCI - ICMC - Unmitigated Generators - Orange County, Summer

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Hospital	34.126	0.3680	3.3457	2.8104	0.0201		0.2543	0.2543		0.2543	0.2543		4,014.8268	4,014.8268	0.0770	0.0736	4,038.6849
Medical Office Building	2.98664	0.0322	0.2928	0.2460	1.7600e-003		0.0223	0.0223		0.0223	0.0223		351.3699	351.3699	6.7300e-003	6.4400e-003	353.4579
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.4002	3.6385	3.0563	0.0218		0.2765	0.2765		0.2765	0.2765		4,366.1966	4,366.1966	0.0837	0.0801	4,392.1427

6.0 Area Detail

6.1 Mitigation Measures Area

UCI - ICMC - Unmitigated Generators - Orange County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	12.6690	1.5800e-003	0.1740	1.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004		0.3730	0.3730	9.8000e-004		0.3975
Unmitigated	12.6690	1.5800e-003	0.1740	1.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004		0.3730	0.3730	9.8000e-004		0.3975

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.8008					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	11.8522					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0161	1.5800e-003	0.1740	1.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004		0.3730	0.3730	9.8000e-004		0.3975
Total	12.6690	1.5800e-003	0.1740	1.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004		0.3730	0.3730	9.8000e-004		0.3975

UCI - ICMC - Unmitigated Generators - Orange County, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.8008					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	11.8522					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0161	1.5800e-003	0.1740	1.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004		0.3730	0.3730	9.8000e-004		0.3975
Total	12.6690	1.5800e-003	0.1740	1.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004		0.3730	0.3730	9.8000e-004		0.3975

7.0 Water Detail

7.1 Mitigation Measures Water

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

- Institute Recycling and Composting Services

UCI - ICMC - Unmitigated Generators - Orange County, Summer

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
----------------	--------	-----------	-----------	-------------	-------------	-----------

10.0 Stationary Equipment**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	2	1	199	2667	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
Boiler	2	50	18250	75	CNG

User Defined Equipment

Equipment Type	Number
----------------	--------

UCI - ICMC - Unmitigated Generators - Orange County, Summer

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Boiler - CNG (75 - 9999 MMBTU)	0.5392	0.6200	9.6080	0.0588		0.7451	0.7451		0.7451	0.7451		11,764.9069	11,764.9069	0.2255		11,770.5442
Emergency Generator - Diesel (750 - 9999 HP)	8.7535	39.1449	22.3195	0.0421		1.2877	1.2877		1.2877	1.2877		4,477.9683	4,477.9683	0.6278		4,493.6636
Total	9.2927	39.7649	31.9275	0.1009		2.0328	2.0328		2.0328	2.0328		16,242.8752	16,242.8752	0.8533		16,264.2079

11.0 Vegetation

UCI - ICMC - Unmitigated Generators - Orange County, Winter

UCI - ICMC - Unmitigated Generators
Orange County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hospital	144.00	Bed	1.60	360,000.00	0
Medical Office Building	225.00	1000sqft	1.00	225,000.00	0
Other Non-Asphalt Surfaces	0.60	Acre	0.60	26,136.00	0
Parking Lot	4.10	Acre	4.10	178,596.00	0
Unenclosed Parking with Elevator	770.00	Space	1.20	308,000.00	0
Unenclosed Parking with Elevator	560.00	Space	0.80	224,000.00	0
Other Asphalt Surfaces	0.60	Acre	0.60	23,136.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8			Operational Year	2023
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	531.44	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

UCI - ICMC - Unmitigated Generators - Orange County, Winter

Project Characteristics - Adjusted per the SCE 2019 Corporate Responsibility and Sustainability Report. The report provides intensity factor of CO2e, the CO2 intensity factor is calculated as $534-25 \times 0.029-298 \times 0.00617=531.4364$ to avoid double counting.

Land Use - Hospital 144 beds, 360,000 sf (1.6 ac footprint) 7 levels. Clinic 225 tsf (TIA) (1 ac footprint) 6 levels. PkgStructA 770 stalls (1.2 ac footprint) 6 levels. PkgStructB 560 stalls (0.8 ac footprint) 6 levels, 0.6ac temp staging/laydown

Construction Phase - based on construction schedule in PD

Trips and VMT -

Demolition - based on Google Earth

Grading - export 18,141 cubic yards based on earth movement calculations

Architectural Coating - Low VOC Paint - Rule 1113

Vehicle Trips - Adjusted to include internal capture identified in Traffic Study

Area Coating - Rule 1113, low VOC paint

Energy Use -

Water And Wastewater -

Solid Waste -

Construction Off-road Equipment Mitigation - Rule 403

Mobile Land Use Mitigation - 1150 jobs/11.6 acres = 99 jobs/acre

Mobile Commute Mitigation -

Energy Mitigation - LEED Gold certification. 20-30% reduction over Title 24 2019 standard, 2019 standard exceeds 2016 by 30%

Water Mitigation - low flow fixtures

Waste Mitigation - AB 939 - divert at least 50% of solid waste from landfills

Stationary Sources - Emergency Generators and Fire Pumps - Emergency Power Supply System (EPSS) based on similar project

Stationary Sources - Process Boilers -

Stationary Sources - User Defined -

Stationary Sources - Emergency Generators and Fire Pumps EF - 2017 off-road diesel emission factor update, CARB. Rule 1470 AQMD

Fleet Mix - Other Asphalt - temporary construction staging - no operational emissions

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	230.00	525.00
tblConstructionPhase	NumDays	230.00	612.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDays	20.00	86.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDays	20.00	87.00
tblGrading	MaterialExported	0.00	18,141.00
tblLandUse	LandUseSquareFeet	103,069.09	360,000.00
tblLandUse	LandUseSquareFeet	26,136.00	23,136.00
tblLandUse	LotAcreage	2.37	1.60
tblLandUse	LotAcreage	5.17	1.00
tblLandUse	LotAcreage	6.93	1.20
tblLandUse	LotAcreage	5.04	0.80
tblProjectCharacteristics	CO2IntensityFactor	702.44	531.44
tblStationaryBoilersUse	AnnualHeatInput	0.00	18,250.00
tblStationaryBoilersUse	BoilerRatingValue	0.00	75.00
tblStationaryBoilersUse	DailyHeatInput	0.00	50.00
tblStationaryBoilersUse	NumberOfEquipment	0.00	2.00

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	2,667.00
tblStationaryGeneratorsPumpsUse	HoursPerDay	0.00	1.00
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	199.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	2.00
tblTripsAndVMT	VendorTripNumber	220.00	217.00
tblTripsAndVMT	VendorTripNumber	220.00	217.00
tblTripsAndVMT	WorkerTripNumber	506.00	497.00
tblTripsAndVMT	WorkerTripNumber	506.00	497.00
tblTripsAndVMT	WorkerTripNumber	101.00	99.00
tblTripsAndVMT	WorkerTripNumber	101.00	99.00
tblVehicleEF	HHD	0.47	0.03
tblVehicleEF	HHD	0.16	0.14
tblVehicleEF	HHD	0.07	8.0464e-007
tblVehicleEF	HHD	1.51	6.08
tblVehicleEF	HHD	1.25	0.62
tblVehicleEF	HHD	4.18	0.01
tblVehicleEF	HHD	3,872.44	1,027.75
tblVehicleEF	HHD	1,597.37	1,392.67
tblVehicleEF	HHD	13.53	0.08
tblVehicleEF	HHD	13.41	5.31
tblVehicleEF	HHD	1.83	2.44
tblVehicleEF	HHD	19.09	2.48
tblVehicleEF	HHD	0.01	3.0945e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	6.0810e-003	0.02
tblVehicleEF	HHD	1.2600e-004	1.1940e-006

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	HHD	0.01	2.9606e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6700e-003	8.7641e-003
tblVehicleEF	HHD	5.8180e-003	0.02
tblVehicleEF	HHD	1.1600e-004	1.0979e-006
tblVehicleEF	HHD	1.1500e-004	4.2641e-006
tblVehicleEF	HHD	4.7550e-003	1.8047e-004
tblVehicleEF	HHD	0.36	0.41
tblVehicleEF	HHD	8.8000e-005	3.0444e-006
tblVehicleEF	HHD	0.08	0.03
tblVehicleEF	HHD	4.2300e-004	8.2428e-004
tblVehicleEF	HHD	0.09	4.2069e-006
tblVehicleEF	HHD	0.03	9.3925e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.0400e-004	7.8953e-007
tblVehicleEF	HHD	1.1500e-004	4.2641e-006
tblVehicleEF	HHD	4.7550e-003	1.8047e-004
tblVehicleEF	HHD	0.44	0.47
tblVehicleEF	HHD	8.8000e-005	3.0444e-006
tblVehicleEF	HHD	0.26	0.17
tblVehicleEF	HHD	4.2300e-004	8.2428e-004
tblVehicleEF	HHD	0.10	4.6061e-006
tblVehicleEF	HHD	0.44	0.03
tblVehicleEF	HHD	0.16	0.14
tblVehicleEF	HHD	0.06	7.7285e-007
tblVehicleEF	HHD	1.10	5.99
tblVehicleEF	HHD	1.26	0.62

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	HHD	3.98	0.01
tblVehicleEF	HHD	4,102.50	1,016.72
tblVehicleEF	HHD	1,597.37	1,392.67
tblVehicleEF	HHD	13.53	0.08
tblVehicleEF	HHD	13.84	5.09
tblVehicleEF	HHD	1.73	2.31
tblVehicleEF	HHD	19.08	2.48
tblVehicleEF	HHD	0.01	2.6885e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	6.0810e-003	0.02
tblVehicleEF	HHD	1.2600e-004	1.1940e-006
tblVehicleEF	HHD	9.6890e-003	2.5722e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6700e-003	8.7641e-003
tblVehicleEF	HHD	5.8180e-003	0.02
tblVehicleEF	HHD	1.1600e-004	1.0979e-006
tblVehicleEF	HHD	1.6500e-004	6.2418e-006
tblVehicleEF	HHD	4.8480e-003	1.8313e-004
tblVehicleEF	HHD	0.34	0.43
tblVehicleEF	HHD	1.2200e-004	4.4756e-006
tblVehicleEF	HHD	0.08	0.03
tblVehicleEF	HHD	4.0800e-004	8.0826e-004
tblVehicleEF	HHD	0.09	4.0515e-006
tblVehicleEF	HHD	0.04	9.2884e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.0000e-004	7.8176e-007

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	HHD	1.6500e-004	6.2418e-006
tblVehicleEF	HHD	4.8480e-003	1.8313e-004
tblVehicleEF	HHD	0.42	0.50
tblVehicleEF	HHD	1.2200e-004	4.4756e-006
tblVehicleEF	HHD	0.26	0.17
tblVehicleEF	HHD	4.0800e-004	8.0826e-004
tblVehicleEF	HHD	0.09	4.4359e-006
tblVehicleEF	HHD	0.51	0.03
tblVehicleEF	HHD	0.16	0.14
tblVehicleEF	HHD	0.07	8.1219e-007
tblVehicleEF	HHD	2.08	6.20
tblVehicleEF	HHD	1.25	0.62
tblVehicleEF	HHD	4.22	0.01
tblVehicleEF	HHD	3,554.73	1,042.97
tblVehicleEF	HHD	1,597.37	1,392.67
tblVehicleEF	HHD	13.53	0.08
tblVehicleEF	HHD	12.81	5.62
tblVehicleEF	HHD	1.80	2.40
tblVehicleEF	HHD	19.10	2.48
tblVehicleEF	HHD	0.01	3.6551e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	6.0810e-003	0.02
tblVehicleEF	HHD	1.2600e-004	1.1940e-006
tblVehicleEF	HHD	0.01	3.4970e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6700e-003	8.7641e-003

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	HHD	5.8180e-003	0.02
tblVehicleEF	HHD	1.1600e-004	1.0979e-006
tblVehicleEF	HHD	1.1300e-004	4.4195e-006
tblVehicleEF	HHD	5.0850e-003	1.9963e-004
tblVehicleEF	HHD	0.39	0.37
tblVehicleEF	HHD	8.8000e-005	3.1681e-006
tblVehicleEF	HHD	0.08	0.03
tblVehicleEF	HHD	4.6100e-004	8.7999e-004
tblVehicleEF	HHD	0.09	4.2430e-006
tblVehicleEF	HHD	0.03	9.5362e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.0400e-004	7.9102e-007
tblVehicleEF	HHD	1.1300e-004	4.4195e-006
tblVehicleEF	HHD	5.0850e-003	1.9963e-004
tblVehicleEF	HHD	0.48	0.44
tblVehicleEF	HHD	8.8000e-005	3.1681e-006
tblVehicleEF	HHD	0.26	0.17
tblVehicleEF	HHD	4.6100e-004	8.7999e-004
tblVehicleEF	HHD	0.10	4.6455e-006
tblVehicleEF	LDA	3.5840e-003	2.0518e-003
tblVehicleEF	LDA	3.9920e-003	0.04
tblVehicleEF	LDA	0.52	0.59
tblVehicleEF	LDA	0.92	1.99
tblVehicleEF	LDA	242.31	249.36
tblVehicleEF	LDA	53.99	51.01
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.05	0.16

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.8390e-003	1.5020e-003
tblVehicleEF	LDA	2.2490e-003	1.7537e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.6950e-003	1.3832e-003
tblVehicleEF	LDA	2.0680e-003	1.6125e-003
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	9.0380e-003	7.5936e-003
tblVehicleEF	LDA	0.04	0.19
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	2.4260e-003	2.4668e-003
tblVehicleEF	LDA	5.5500e-004	5.0480e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.19
tblVehicleEF	LDA	0.06	0.21
tblVehicleEF	LDA	3.7860e-003	2.1852e-003
tblVehicleEF	LDA	3.5910e-003	0.04
tblVehicleEF	LDA	0.56	0.64
tblVehicleEF	LDA	0.80	1.72
tblVehicleEF	LDA	252.48	259.55

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	LDA	53.99	50.52
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.05	0.15
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.8390e-003	1.5020e-003
tblVehicleEF	LDA	2.2490e-003	1.7537e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.6950e-003	1.3832e-003
tblVehicleEF	LDA	2.0680e-003	1.6125e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	9.5380e-003	8.0161e-003
tblVehicleEF	LDA	0.03	0.18
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.5280e-003	2.5676e-003
tblVehicleEF	LDA	5.5300e-004	4.9989e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.18
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	3.5150e-003	2.0098e-003
tblVehicleEF	LDA	4.0740e-003	0.04

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	LDA	0.50	0.57
tblVehicleEF	LDA	0.95	2.05
tblVehicleEF	LDA	238.56	245.60
tblVehicleEF	LDA	53.99	51.12
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.8390e-003	1.5020e-003
tblVehicleEF	LDA	2.2490e-003	1.7537e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.6950e-003	1.3832e-003
tblVehicleEF	LDA	2.0680e-003	1.6125e-003
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	8.8680e-003	7.4511e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	2.3880e-003	2.4296e-003
tblVehicleEF	LDA	5.5600e-004	5.0587e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.22

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	LDA	0.06	0.21
tblVehicleEF	LDT1	8.0440e-003	4.7359e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.00	1.03
tblVehicleEF	LDT1	2.24	2.17
tblVehicleEF	LDT1	303.32	296.14
tblVehicleEF	LDT1	67.98	61.59
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.13	0.23
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.3740e-003	1.9816e-003
tblVehicleEF	LDT1	3.0400e-003	2.3129e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.1840e-003	1.8229e-003
tblVehicleEF	LDT1	2.7950e-003	2.1267e-003
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.22	0.17
tblVehicleEF	LDT1	0.09	0.00
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.14	0.58
tblVehicleEF	LDT1	0.15	0.30
tblVehicleEF	LDT1	3.0440e-003	2.9306e-003
tblVehicleEF	LDT1	7.1900e-004	6.0953e-004
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.22	0.17

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.14	0.58
tblVehicleEF	LDT1	0.16	0.32
tblVehicleEF	LDT1	8.4500e-003	5.0088e-003
tblVehicleEF	LDT1	9.9950e-003	0.06
tblVehicleEF	LDT1	1.08	1.11
tblVehicleEF	LDT1	1.93	1.87
tblVehicleEF	LDT1	315.58	306.58
tblVehicleEF	LDT1	67.98	61.02
tblVehicleEF	LDT1	0.08	0.07
tblVehicleEF	LDT1	0.12	0.21
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.3740e-003	1.9816e-003
tblVehicleEF	LDT1	3.0400e-003	2.3129e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.1840e-003	1.8229e-003
tblVehicleEF	LDT1	2.7950e-003	2.1267e-003
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.23	0.17
tblVehicleEF	LDT1	0.13	0.00
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.13	0.53
tblVehicleEF	LDT1	0.13	0.27
tblVehicleEF	LDT1	3.1680e-003	3.0339e-003

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	LDT1	7.1300e-004	6.0381e-004
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.23	0.17
tblVehicleEF	LDT1	0.13	0.13
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.13	0.53
tblVehicleEF	LDT1	0.15	0.29
tblVehicleEF	LDT1	7.9040e-003	4.6486e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	0.97	0.99
tblVehicleEF	LDT1	2.30	2.23
tblVehicleEF	LDT1	298.79	292.29
tblVehicleEF	LDT1	67.98	61.72
tblVehicleEF	LDT1	0.09	0.07
tblVehicleEF	LDT1	0.13	0.23
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.3740e-003	1.9816e-003
tblVehicleEF	LDT1	3.0400e-003	2.3129e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.1840e-003	1.8229e-003
tblVehicleEF	LDT1	2.7950e-003	2.1267e-003
tblVehicleEF	LDT1	0.11	0.11
tblVehicleEF	LDT1	0.25	0.19
tblVehicleEF	LDT1	0.09	0.00
tblVehicleEF	LDT1	0.02	0.02

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.15	0.30
tblVehicleEF	LDT1	2.9980e-003	2.8924e-003
tblVehicleEF	LDT1	7.2000e-004	6.1077e-004
tblVehicleEF	LDT1	0.11	0.11
tblVehicleEF	LDT1	0.25	0.19
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.17	0.33
tblVehicleEF	LDT2	4.9710e-003	3.2951e-003
tblVehicleEF	LDT2	5.3310e-003	0.06
tblVehicleEF	LDT2	0.67	0.79
tblVehicleEF	LDT2	1.19	2.52
tblVehicleEF	LDT2	342.73	317.53
tblVehicleEF	LDT2	76.37	66.48
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.09	0.24
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8340e-003	1.5139e-003
tblVehicleEF	LDT2	2.2690e-003	1.7024e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6860e-003	1.3934e-003
tblVehicleEF	LDT2	2.0860e-003	1.5653e-003
tblVehicleEF	LDT2	0.04	0.07

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.38
tblVehicleEF	LDT2	0.07	0.27
tblVehicleEF	LDT2	3.4320e-003	3.1413e-003
tblVehicleEF	LDT2	7.8300e-004	6.5790e-004
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.38
tblVehicleEF	LDT2	0.08	0.30
tblVehicleEF	LDT2	5.2490e-003	3.4997e-003
tblVehicleEF	LDT2	4.8000e-003	0.05
tblVehicleEF	LDT2	0.73	0.86
tblVehicleEF	LDT2	1.03	2.18
tblVehicleEF	LDT2	356.77	327.66
tblVehicleEF	LDT2	76.37	65.84
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.08	0.23
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8340e-003	1.5139e-003
tblVehicleEF	LDT2	2.2690e-003	1.7024e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	LDT2	1.6860e-003	1.3934e-003
tblVehicleEF	LDT2	2.0860e-003	1.5653e-003
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.35
tblVehicleEF	LDT2	0.06	0.24
tblVehicleEF	LDT2	3.5730e-003	3.2415e-003
tblVehicleEF	LDT2	7.8100e-004	6.5155e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.05	0.35
tblVehicleEF	LDT2	0.07	0.27
tblVehicleEF	LDT2	4.8770e-003	3.2305e-003
tblVehicleEF	LDT2	5.4400e-003	0.06
tblVehicleEF	LDT2	0.65	0.76
tblVehicleEF	LDT2	1.22	2.60
tblVehicleEF	LDT2	337.54	313.79
tblVehicleEF	LDT2	76.37	66.62
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.09	0.25
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8340e-003	1.5139e-003

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	LDT2	2.2690e-003	1.7024e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6860e-003	1.3934e-003
tblVehicleEF	LDT2	2.0860e-003	1.5653e-003
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.07	0.28
tblVehicleEF	LDT2	3.3800e-003	3.1043e-003
tblVehicleEF	LDT2	7.8400e-004	6.5929e-004
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.08	0.30
tblVehicleEF	LHD1	5.1440e-003	5.3845e-003
tblVehicleEF	LHD1	8.3180e-003	4.0634e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.19
tblVehicleEF	LHD1	0.64	0.46
tblVehicleEF	LHD1	2.21	1.00
tblVehicleEF	LHD1	9.05	8.94
tblVehicleEF	LHD1	587.85	643.60

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	LHD1	31.08	11.73
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	1.07	0.65
tblVehicleEF	LHD1	0.93	0.31
tblVehicleEF	LHD1	8.7400e-004	8.1190e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.7537e-003
tblVehicleEF	LHD1	9.7940e-003	6.6438e-003
tblVehicleEF	LHD1	8.1700e-004	2.3220e-004
tblVehicleEF	LHD1	8.3600e-004	7.7678e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5470e-003	2.4384e-003
tblVehicleEF	LHD1	9.3500e-003	6.3321e-003
tblVehicleEF	LHD1	7.5200e-004	2.1350e-004
tblVehicleEF	LHD1	2.5990e-003	2.0069e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.6860e-003	1.3024e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.27	0.42
tblVehicleEF	LHD1	0.22	0.07
tblVehicleEF	LHD1	9.1000e-005	8.6787e-005
tblVehicleEF	LHD1	5.7610e-003	6.2796e-003
tblVehicleEF	LHD1	3.5200e-004	1.1603e-004
tblVehicleEF	LHD1	2.5990e-003	2.0069e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.02	0.03

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	LHD1	1.6860e-003	1.3024e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.27	0.42
tblVehicleEF	LHD1	0.25	0.07
tblVehicleEF	LHD1	5.1440e-003	5.3956e-003
tblVehicleEF	LHD1	8.4720e-003	4.1291e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.19
tblVehicleEF	LHD1	0.65	0.47
tblVehicleEF	LHD1	2.11	0.96
tblVehicleEF	LHD1	9.05	8.94
tblVehicleEF	LHD1	587.85	643.61
tblVehicleEF	LHD1	31.08	11.65
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	1.00	0.61
tblVehicleEF	LHD1	0.90	0.30
tblVehicleEF	LHD1	8.7400e-004	8.1190e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.7537e-003
tblVehicleEF	LHD1	9.7940e-003	6.6438e-003
tblVehicleEF	LHD1	8.1700e-004	2.3220e-004
tblVehicleEF	LHD1	8.3600e-004	7.7678e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5470e-003	2.4384e-003
tblVehicleEF	LHD1	9.3500e-003	6.3321e-003
tblVehicleEF	LHD1	7.5200e-004	2.1350e-004
tblVehicleEF	LHD1	3.6240e-003	2.8071e-003

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.2760e-003	1.7674e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.26	0.40
tblVehicleEF	LHD1	0.22	0.06
tblVehicleEF	LHD1	9.1000e-005	8.6787e-005
tblVehicleEF	LHD1	5.7620e-003	6.2797e-003
tblVehicleEF	LHD1	3.5100e-004	1.1532e-004
tblVehicleEF	LHD1	3.6240e-003	2.8071e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	2.2760e-003	1.7674e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.26	0.40
tblVehicleEF	LHD1	0.24	0.07
tblVehicleEF	LHD1	5.1440e-003	5.3824e-003
tblVehicleEF	LHD1	8.2770e-003	4.0457e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.19
tblVehicleEF	LHD1	0.64	0.46
tblVehicleEF	LHD1	2.22	1.00
tblVehicleEF	LHD1	9.05	8.94
tblVehicleEF	LHD1	587.85	643.59
tblVehicleEF	LHD1	31.08	11.74
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	1.05	0.64

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	LHD1	0.94	0.31
tblVehicleEF	LHD1	8.7400e-004	8.1190e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.7537e-003
tblVehicleEF	LHD1	9.7940e-003	6.6438e-003
tblVehicleEF	LHD1	8.1700e-004	2.3220e-004
tblVehicleEF	LHD1	8.3600e-004	7.7678e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5470e-003	2.4384e-003
tblVehicleEF	LHD1	9.3500e-003	6.3321e-003
tblVehicleEF	LHD1	7.5200e-004	2.1350e-004
tblVehicleEF	LHD1	2.6790e-003	2.0730e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.7000e-003	1.3162e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.29	0.45
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	9.1000e-005	8.6787e-005
tblVehicleEF	LHD1	5.7610e-003	6.2796e-003
tblVehicleEF	LHD1	3.5300e-004	1.1614e-004
tblVehicleEF	LHD1	2.6790e-003	2.0730e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.7000e-003	1.3162e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.29	0.45

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	LHD1	0.25	0.07
tblVehicleEF	LHD2	3.7290e-003	3.8794e-003
tblVehicleEF	LHD2	3.3120e-003	3.0662e-003
tblVehicleEF	LHD2	7.2560e-003	9.8116e-003
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.29	0.34
tblVehicleEF	LHD2	1.18	0.68
tblVehicleEF	LHD2	13.67	13.53
tblVehicleEF	LHD2	604.69	653.28
tblVehicleEF	LHD2	26.72	9.28
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.64	0.74
tblVehicleEF	LHD2	0.51	0.22
tblVehicleEF	LHD2	1.1580e-003	1.2540e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.8100e-003	9.7310e-003
tblVehicleEF	LHD2	4.1000e-004	1.3374e-004
tblVehicleEF	LHD2	1.1080e-003	1.1997e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6650e-003	2.6360e-003
tblVehicleEF	LHD2	8.4170e-003	9.2961e-003
tblVehicleEF	LHD2	3.7700e-004	1.2297e-004
tblVehicleEF	LHD2	9.7400e-004	1.2825e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.8200e-004	8.5779e-004

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.07	0.26
tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	1.3400e-004	1.2968e-004
tblVehicleEF	LHD2	5.8880e-003	6.3215e-003
tblVehicleEF	LHD2	2.8800e-004	9.1841e-005
tblVehicleEF	LHD2	9.7400e-004	1.2825e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.8200e-004	8.5779e-004
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.07	0.26
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	3.7290e-003	3.8874e-003
tblVehicleEF	LHD2	3.3450e-003	3.0936e-003
tblVehicleEF	LHD2	7.0320e-003	9.5029e-003
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.29	0.34
tblVehicleEF	LHD2	1.13	0.65
tblVehicleEF	LHD2	13.67	13.53
tblVehicleEF	LHD2	604.69	653.28
tblVehicleEF	LHD2	26.72	9.23
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.61	0.70
tblVehicleEF	LHD2	0.49	0.21
tblVehicleEF	LHD2	1.1580e-003	1.2540e-003
tblVehicleEF	LHD2	0.09	0.09

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.8100e-003	9.7310e-003
tblVehicleEF	LHD2	4.1000e-004	1.3374e-004
tblVehicleEF	LHD2	1.1080e-003	1.1997e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6650e-003	2.6360e-003
tblVehicleEF	LHD2	8.4170e-003	9.2961e-003
tblVehicleEF	LHD2	3.7700e-004	1.2297e-004
tblVehicleEF	LHD2	1.3660e-003	1.7960e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	9.2300e-004	1.1646e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.07	0.25
tblVehicleEF	LHD2	0.09	0.05
tblVehicleEF	LHD2	1.3400e-004	1.2968e-004
tblVehicleEF	LHD2	5.8880e-003	6.3216e-003
tblVehicleEF	LHD2	2.8800e-004	9.1357e-005
tblVehicleEF	LHD2	1.3660e-003	1.7960e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.2300e-004	1.1646e-003
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.07	0.25
tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	3.7290e-003	3.8779e-003
tblVehicleEF	LHD2	3.3030e-003	3.0589e-003

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	LHD2	7.3020e-003	9.8750e-003
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.29	0.34
tblVehicleEF	LHD2	1.18	0.68
tblVehicleEF	LHD2	13.67	13.53
tblVehicleEF	LHD2	604.69	653.27
tblVehicleEF	LHD2	26.72	9.29
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.63	0.73
tblVehicleEF	LHD2	0.51	0.22
tblVehicleEF	LHD2	1.1580e-003	1.2540e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.8100e-003	9.7310e-003
tblVehicleEF	LHD2	4.1000e-004	1.3374e-004
tblVehicleEF	LHD2	1.1080e-003	1.1997e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6650e-003	2.6360e-003
tblVehicleEF	LHD2	8.4170e-003	9.2961e-003
tblVehicleEF	LHD2	3.7700e-004	1.2297e-004
tblVehicleEF	LHD2	9.7300e-004	1.2991e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.7600e-004	8.5089e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.08	0.28
tblVehicleEF	LHD2	0.10	0.05

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	LHD2	1.3400e-004	1.2968e-004
tblVehicleEF	LHD2	5.8880e-003	6.3215e-003
tblVehicleEF	LHD2	2.8800e-004	9.1917e-005
tblVehicleEF	LHD2	9.7300e-004	1.2991e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.7600e-004	8.5089e-004
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.08	0.28
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	MCY	0.49	0.35
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.11	18.34
tblVehicleEF	MCY	9.59	8.48
tblVehicleEF	MCY	178.39	214.43
tblVehicleEF	MCY	44.52	59.44
tblVehicleEF	MCY	1.12	1.12
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.2180e-003	2.2005e-003
tblVehicleEF	MCY	3.6330e-003	3.0777e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.0720e-003	2.0559e-003
tblVehicleEF	MCY	3.4160e-003	2.8938e-003
tblVehicleEF	MCY	1.13	1.15

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	MCY	0.67	0.69
tblVehicleEF	MCY	0.69	0.71
tblVehicleEF	MCY	2.35	2.37
tblVehicleEF	MCY	0.62	1.91
tblVehicleEF	MCY	2.03	1.80
tblVehicleEF	MCY	2.1510e-003	2.1219e-003
tblVehicleEF	MCY	6.6200e-004	5.8822e-004
tblVehicleEF	MCY	1.13	1.15
tblVehicleEF	MCY	0.67	0.69
tblVehicleEF	MCY	0.69	0.71
tblVehicleEF	MCY	2.93	2.94
tblVehicleEF	MCY	0.62	1.91
tblVehicleEF	MCY	2.21	1.96
tblVehicleEF	MCY	0.48	0.34
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	17.46	17.67
tblVehicleEF	MCY	8.83	7.76
tblVehicleEF	MCY	178.39	213.16
tblVehicleEF	MCY	44.52	57.68
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.2180e-003	2.2005e-003
tblVehicleEF	MCY	3.6330e-003	3.0777e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	MCY	2.0720e-003	2.0559e-003
tblVehicleEF	MCY	3.4160e-003	2.8938e-003
tblVehicleEF	MCY	1.69	1.73
tblVehicleEF	MCY	0.71	0.73
tblVehicleEF	MCY	1.10	1.12
tblVehicleEF	MCY	2.30	2.31
tblVehicleEF	MCY	0.58	1.79
tblVehicleEF	MCY	1.83	1.61
tblVehicleEF	MCY	2.1390e-003	2.1094e-003
tblVehicleEF	MCY	6.4300e-004	5.7079e-004
tblVehicleEF	MCY	1.69	1.73
tblVehicleEF	MCY	0.71	0.73
tblVehicleEF	MCY	1.10	1.12
tblVehicleEF	MCY	2.86	2.87
tblVehicleEF	MCY	0.58	1.79
tblVehicleEF	MCY	1.99	1.75
tblVehicleEF	MCY	0.49	0.35
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.21	18.44
tblVehicleEF	MCY	9.71	8.60
tblVehicleEF	MCY	178.39	214.62
tblVehicleEF	MCY	44.52	59.76
tblVehicleEF	MCY	1.09	1.09
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.2180e-003	2.2005e-003

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	MCY	3.6330e-003	3.0777e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.0720e-003	2.0559e-003
tblVehicleEF	MCY	3.4160e-003	2.8938e-003
tblVehicleEF	MCY	1.25	1.27
tblVehicleEF	MCY	0.86	0.88
tblVehicleEF	MCY	0.73	0.75
tblVehicleEF	MCY	2.36	2.38
tblVehicleEF	MCY	0.71	2.20
tblVehicleEF	MCY	2.07	1.84
tblVehicleEF	MCY	2.1530e-003	2.1239e-003
tblVehicleEF	MCY	6.6500e-004	5.9133e-004
tblVehicleEF	MCY	1.25	1.27
tblVehicleEF	MCY	0.86	0.88
tblVehicleEF	MCY	0.73	0.75
tblVehicleEF	MCY	2.94	2.95
tblVehicleEF	MCY	0.71	2.20
tblVehicleEF	MCY	2.25	2.00
tblVehicleEF	MDV	9.1870e-003	4.2220e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.04	0.90
tblVehicleEF	MDV	2.15	2.83
tblVehicleEF	MDV	467.69	393.33
tblVehicleEF	MDV	101.87	80.90
tblVehicleEF	MDV	0.11	0.08
tblVehicleEF	MDV	0.19	0.30

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8820e-003	1.6172e-003
tblVehicleEF	MDV	2.2700e-003	1.7983e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7350e-003	1.4913e-003
tblVehicleEF	MDV	2.0880e-003	1.6536e-003
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.09	0.40
tblVehicleEF	MDV	0.16	0.34
tblVehicleEF	MDV	4.6820e-003	3.8882e-003
tblVehicleEF	MDV	1.0560e-003	8.0061e-004
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.09	0.40
tblVehicleEF	MDV	0.17	0.37
tblVehicleEF	MDV	9.6820e-003	4.4795e-003
tblVehicleEF	MDV	0.01	0.06
tblVehicleEF	MDV	1.13	0.98
tblVehicleEF	MDV	1.86	2.44
tblVehicleEF	MDV	486.30	403.90

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	MDV	101.87	80.16
tblVehicleEF	MDV	0.10	0.07
tblVehicleEF	MDV	0.18	0.28
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8820e-003	1.6172e-003
tblVehicleEF	MDV	2.2700e-003	1.7983e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7350e-003	1.4913e-003
tblVehicleEF	MDV	2.0880e-003	1.6536e-003
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.09	0.37
tblVehicleEF	MDV	0.14	0.31
tblVehicleEF	MDV	4.8690e-003	3.9928e-003
tblVehicleEF	MDV	1.0510e-003	7.9330e-004
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.09	0.37
tblVehicleEF	MDV	0.16	0.34
tblVehicleEF	MDV	9.0170e-003	4.1396e-003
tblVehicleEF	MDV	0.01	0.07

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	MDV	1.01	0.87
tblVehicleEF	MDV	2.21	2.92
tblVehicleEF	MDV	460.81	389.43
tblVehicleEF	MDV	101.87	81.07
tblVehicleEF	MDV	0.10	0.07
tblVehicleEF	MDV	0.20	0.30
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8820e-003	1.6172e-003
tblVehicleEF	MDV	2.2700e-003	1.7983e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7350e-003	1.4913e-003
tblVehicleEF	MDV	2.0880e-003	1.6536e-003
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.16	0.14
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.11	0.47
tblVehicleEF	MDV	0.16	0.35
tblVehicleEF	MDV	4.6120e-003	3.8496e-003
tblVehicleEF	MDV	1.0570e-003	8.0221e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.16	0.14
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.47

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	MDV	0.18	0.38
tblVehicleEF	MH	0.02	7.6349e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.49	0.84
tblVehicleEF	MH	4.71	1.82
tblVehicleEF	MH	1,100.52	1,423.89
tblVehicleEF	MH	56.84	17.32
tblVehicleEF	MH	1.24	1.32
tblVehicleEF	MH	0.70	0.23
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	9.3800e-004	2.2417e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2410e-003	3.3068e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	8.6200e-004	2.0612e-004
tblVehicleEF	MH	0.80	0.67
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.36	0.30
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.02	1.05
tblVehicleEF	MH	0.28	0.08
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.5000e-004	1.7144e-004
tblVehicleEF	MH	0.80	0.67
tblVehicleEF	MH	0.06	0.05

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	MH	0.36	0.30
tblVehicleEF	MH	0.09	0.06
tblVehicleEF	MH	0.02	1.05
tblVehicleEF	MH	0.30	0.09
tblVehicleEF	MH	0.02	7.7851e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.53	0.86
tblVehicleEF	MH	4.46	1.73
tblVehicleEF	MH	1,100.52	1,423.92
tblVehicleEF	MH	56.84	17.17
tblVehicleEF	MH	1.16	1.23
tblVehicleEF	MH	0.67	0.22
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	9.3800e-004	2.2417e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2410e-003	3.3068e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	8.6200e-004	2.0612e-004
tblVehicleEF	MH	1.07	0.91
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.48	0.41
tblVehicleEF	MH	0.07	0.05
tblVehicleEF	MH	0.02	1.02
tblVehicleEF	MH	0.27	0.08
tblVehicleEF	MH	0.01	0.01

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	MH	6.4600e-004	1.6988e-004
tblVehicleEF	MH	1.07	0.91
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.48	0.41
tblVehicleEF	MH	0.09	0.07
tblVehicleEF	MH	0.02	1.02
tblVehicleEF	MH	0.29	0.09
tblVehicleEF	MH	0.02	7.5897e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.48	0.83
tblVehicleEF	MH	4.74	1.83
tblVehicleEF	MH	1,100.52	1,423.88
tblVehicleEF	MH	56.84	17.35
tblVehicleEF	MH	1.22	1.29
tblVehicleEF	MH	0.71	0.23
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	9.3800e-004	2.2417e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2410e-003	3.3068e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	8.6200e-004	2.0612e-004
tblVehicleEF	MH	0.87	0.73
tblVehicleEF	MH	0.07	0.06
tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.06	0.05

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	MH	0.02	1.11
tblVehicleEF	MH	0.28	0.08
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.5100e-004	1.7170e-004
tblVehicleEF	MH	0.87	0.73
tblVehicleEF	MH	0.07	0.06
tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.09	0.06
tblVehicleEF	MH	0.02	1.11
tblVehicleEF	MH	0.30	0.09
tblVehicleEF	MHD	0.02	4.7658e-003
tblVehicleEF	MHD	2.9430e-003	1.3812e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.33	0.39
tblVehicleEF	MHD	0.26	0.19
tblVehicleEF	MHD	5.08	1.21
tblVehicleEF	MHD	141.00	53.16
tblVehicleEF	MHD	1,129.46	1,011.60
tblVehicleEF	MHD	58.21	12.50
tblVehicleEF	MHD	0.36	0.25
tblVehicleEF	MHD	0.69	0.95
tblVehicleEF	MHD	10.82	1.53
tblVehicleEF	MHD	7.6000e-005	1.9781e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.7910e-003	5.6976e-003
tblVehicleEF	MHD	7.2300e-004	1.1541e-004

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	MHD	7.2000e-005	1.8926e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.6680e-003	5.4456e-003
tblVehicleEF	MHD	6.6500e-004	1.0611e-004
tblVehicleEF	MHD	9.9700e-004	4.8129e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.7900e-004	3.4273e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.31	0.06
tblVehicleEF	MHD	1.3570e-003	5.0631e-004
tblVehicleEF	MHD	0.01	9.6794e-003
tblVehicleEF	MHD	6.7100e-004	1.2371e-004
tblVehicleEF	MHD	9.9700e-004	4.8129e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	6.7900e-004	3.4273e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.34	0.06
tblVehicleEF	MHD	0.01	4.5191e-003
tblVehicleEF	MHD	2.9770e-003	1.4067e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.24	0.32
tblVehicleEF	MHD	0.26	0.19

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	MHD	4.84	1.16
tblVehicleEF	MHD	149.34	53.14
tblVehicleEF	MHD	1,129.46	1,011.61
tblVehicleEF	MHD	58.21	12.40
tblVehicleEF	MHD	0.37	0.24
tblVehicleEF	MHD	0.65	0.90
tblVehicleEF	MHD	10.79	1.52
tblVehicleEF	MHD	6.4000e-005	1.6898e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.7910e-003	5.6976e-003
tblVehicleEF	MHD	7.2300e-004	1.1541e-004
tblVehicleEF	MHD	6.1000e-005	1.6167e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.6680e-003	5.4456e-003
tblVehicleEF	MHD	6.6500e-004	1.0611e-004
tblVehicleEF	MHD	1.4050e-003	6.7948e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	9.3200e-004	4.6860e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.30	0.06
tblVehicleEF	MHD	1.4350e-003	5.0631e-004
tblVehicleEF	MHD	0.01	9.6795e-003
tblVehicleEF	MHD	6.6700e-004	1.2274e-004

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	MHD	1.4050e-003	6.7948e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	9.3200e-004	4.6860e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.33	0.06
tblVehicleEF	MHD	0.02	5.1223e-003
tblVehicleEF	MHD	2.9330e-003	1.3724e-003
tblVehicleEF	MHD	0.05	0.01
tblVehicleEF	MHD	0.46	0.48
tblVehicleEF	MHD	0.26	0.19
tblVehicleEF	MHD	5.12	1.22
tblVehicleEF	MHD	129.46	53.18
tblVehicleEF	MHD	1,129.46	1,011.60
tblVehicleEF	MHD	58.21	12.52
tblVehicleEF	MHD	0.34	0.26
tblVehicleEF	MHD	0.68	0.93
tblVehicleEF	MHD	10.83	1.53
tblVehicleEF	MHD	9.2000e-005	2.3763e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.7910e-003	5.6976e-003
tblVehicleEF	MHD	7.2300e-004	1.1541e-004
tblVehicleEF	MHD	8.8000e-005	2.2735e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	MHD	2.6680e-003	5.4456e-003
tblVehicleEF	MHD	6.6500e-004	1.0611e-004
tblVehicleEF	MHD	1.0150e-003	4.7978e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.8500e-004	3.4117e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.11
tblVehicleEF	MHD	0.32	0.06
tblVehicleEF	MHD	1.2480e-003	5.0623e-004
tblVehicleEF	MHD	0.01	9.6794e-003
tblVehicleEF	MHD	6.7200e-004	1.2390e-004
tblVehicleEF	MHD	1.0150e-003	4.7978e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.8500e-004	3.4117e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.11
tblVehicleEF	MHD	0.35	0.06
tblVehicleEF	OBUS	0.01	8.6761e-003
tblVehicleEF	OBUS	5.8760e-003	4.8662e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.55
tblVehicleEF	OBUS	0.43	0.61
tblVehicleEF	OBUS	5.05	2.32
tblVehicleEF	OBUS	76.29	77.70
tblVehicleEF	OBUS	1,208.63	1,354.39

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	OBUS	69.33	19.82
tblVehicleEF	OBUS	0.15	0.29
tblVehicleEF	OBUS	0.55	0.97
tblVehicleEF	OBUS	1.99	0.75
tblVehicleEF	OBUS	1.4000e-005	9.7570e-005
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.3250e-003	6.0792e-003
tblVehicleEF	OBUS	8.7700e-004	1.9850e-004
tblVehicleEF	OBUS	1.3000e-005	9.3349e-005
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.2060e-003	5.8002e-003
tblVehicleEF	OBUS	8.0600e-004	1.8251e-004
tblVehicleEF	OBUS	1.3670e-003	1.7572e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.5000e-004	9.4778e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.04	0.23
tblVehicleEF	OBUS	0.32	0.11
tblVehicleEF	OBUS	7.4000e-004	7.4054e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8200e-004	1.9609e-004
tblVehicleEF	OBUS	1.3670e-003	1.7572e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	OBUS	7.5000e-004	9.4778e-004
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.04	0.23
tblVehicleEF	OBUS	0.35	0.12
tblVehicleEF	OBUS	0.01	8.7517e-003
tblVehicleEF	OBUS	5.9810e-003	4.9687e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.55
tblVehicleEF	OBUS	0.43	0.62
tblVehicleEF	OBUS	4.79	2.20
tblVehicleEF	OBUS	79.82	76.85
tblVehicleEF	OBUS	1,208.63	1,354.41
tblVehicleEF	OBUS	69.33	19.61
tblVehicleEF	OBUS	0.16	0.28
tblVehicleEF	OBUS	0.51	0.91
tblVehicleEF	OBUS	1.96	0.74
tblVehicleEF	OBUS	1.2000e-005	8.6697e-005
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.3250e-003	6.0792e-003
tblVehicleEF	OBUS	8.7700e-004	1.9850e-004
tblVehicleEF	OBUS	1.1000e-005	8.2947e-005
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.2060e-003	5.8002e-003
tblVehicleEF	OBUS	8.0600e-004	1.8251e-004
tblVehicleEF	OBUS	1.8810e-003	2.4024e-003

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.0260e-003	1.2829e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	7.7400e-004	7.3248e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7700e-004	1.9409e-004
tblVehicleEF	OBUS	1.8810e-003	2.4024e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	1.0260e-003	1.2829e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.33	0.12
tblVehicleEF	OBUS	0.01	8.5929e-003
tblVehicleEF	OBUS	5.8450e-003	4.8362e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.56
tblVehicleEF	OBUS	0.43	0.60
tblVehicleEF	OBUS	5.09	2.34
tblVehicleEF	OBUS	71.43	78.88
tblVehicleEF	OBUS	1,208.63	1,354.38
tblVehicleEF	OBUS	69.33	19.85
tblVehicleEF	OBUS	0.15	0.31
tblVehicleEF	OBUS	0.54	0.96

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	OBUS	2.00	0.75
tblVehicleEF	OBUS	1.7000e-005	1.1258e-004
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.3250e-003	6.0792e-003
tblVehicleEF	OBUS	8.7700e-004	1.9850e-004
tblVehicleEF	OBUS	1.6000e-005	1.0771e-004
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.2060e-003	5.8002e-003
tblVehicleEF	OBUS	8.0600e-004	1.8251e-004
tblVehicleEF	OBUS	1.3790e-003	1.7846e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.4200e-004	9.4326e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.04	0.24
tblVehicleEF	OBUS	0.32	0.11
tblVehicleEF	OBUS	6.9400e-004	7.5167e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8300e-004	1.9642e-004
tblVehicleEF	OBUS	1.3790e-003	1.7846e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.06
tblVehicleEF	OBUS	7.4200e-004	9.4326e-004
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.04	0.24

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	OBUS	0.35	0.13
tblVehicleEF	SBUS	0.84	0.08
tblVehicleEF	SBUS	0.02	9.9036e-003
tblVehicleEF	SBUS	0.08	7.9001e-003
tblVehicleEF	SBUS	8.38	3.16
tblVehicleEF	SBUS	1.03	0.90
tblVehicleEF	SBUS	8.97	1.09
tblVehicleEF	SBUS	1,100.64	359.03
tblVehicleEF	SBUS	1,073.61	1,094.78
tblVehicleEF	SBUS	56.82	6.39
tblVehicleEF	SBUS	8.42	3.59
tblVehicleEF	SBUS	3.91	5.50
tblVehicleEF	SBUS	11.93	0.68
tblVehicleEF	SBUS	8.0260e-003	5.0547e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.8700e-004	7.2110e-005
tblVehicleEF	SBUS	7.6790e-003	4.8360e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6630e-003	2.6315e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.0700e-004	6.6302e-005
tblVehicleEF	SBUS	3.3970e-003	1.1280e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.00	0.38
tblVehicleEF	SBUS	1.9330e-003	6.2414e-004

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	SBUS	0.11	0.12
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.47	0.05
tblVehicleEF	SBUS	0.01	3.4304e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	7.2400e-004	6.3230e-005
tblVehicleEF	SBUS	3.3970e-003	1.1280e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.44	0.54
tblVehicleEF	SBUS	1.9330e-003	6.2414e-004
tblVehicleEF	SBUS	0.14	0.14
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.52	0.05
tblVehicleEF	SBUS	0.84	0.08
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.07	7.0991e-003
tblVehicleEF	SBUS	8.27	3.12
tblVehicleEF	SBUS	1.04	0.91
tblVehicleEF	SBUS	7.41	0.90
tblVehicleEF	SBUS	1,149.38	368.93
tblVehicleEF	SBUS	1,073.61	1,094.80
tblVehicleEF	SBUS	56.82	6.07
tblVehicleEF	SBUS	8.69	3.69
tblVehicleEF	SBUS	3.69	5.19
tblVehicleEF	SBUS	11.90	0.68
tblVehicleEF	SBUS	6.7660e-003	4.2669e-003
tblVehicleEF	SBUS	0.74	0.74

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.8700e-004	7.2110e-005
tblVehicleEF	SBUS	6.4740e-003	4.0823e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6630e-003	2.6315e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.0700e-004	6.6302e-005
tblVehicleEF	SBUS	4.6630e-003	1.5458e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.00	0.38
tblVehicleEF	SBUS	2.6350e-003	8.4887e-004
tblVehicleEF	SBUS	0.11	0.12
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.42	0.04
tblVehicleEF	SBUS	0.01	3.5240e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.9700e-004	6.0101e-005
tblVehicleEF	SBUS	4.6630e-003	1.5458e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.44	0.54
tblVehicleEF	SBUS	2.6350e-003	8.4887e-004
tblVehicleEF	SBUS	0.14	0.14
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.46	0.05
tblVehicleEF	SBUS	0.84	0.08
tblVehicleEF	SBUS	0.02	9.8706e-003

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	SBUS	0.08	8.0150e-003
tblVehicleEF	SBUS	8.52	3.21
tblVehicleEF	SBUS	1.02	0.89
tblVehicleEF	SBUS	9.12	1.11
tblVehicleEF	SBUS	1,033.33	345.35
tblVehicleEF	SBUS	1,073.61	1,094.77
tblVehicleEF	SBUS	56.82	6.42
tblVehicleEF	SBUS	8.05	3.46
tblVehicleEF	SBUS	3.84	5.41
tblVehicleEF	SBUS	11.94	0.68
tblVehicleEF	SBUS	9.7670e-003	6.1427e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.8700e-004	7.2110e-005
tblVehicleEF	SBUS	9.3440e-003	5.8770e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6630e-003	2.6315e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.0700e-004	6.6302e-005
tblVehicleEF	SBUS	3.3440e-003	1.1181e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.00	0.38
tblVehicleEF	SBUS	1.8840e-003	6.0675e-004
tblVehicleEF	SBUS	0.11	0.12
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.48	0.05

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	SBUS	0.01	3.3012e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	7.2600e-004	6.3529e-005
tblVehicleEF	SBUS	3.3440e-003	1.1181e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.45	0.54
tblVehicleEF	SBUS	1.8840e-003	6.0675e-004
tblVehicleEF	SBUS	0.14	0.14
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.52	0.05
tblVehicleEF	UBUS	1.69	5.27
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	8.06	41.13
tblVehicleEF	UBUS	12.43	1.81
tblVehicleEF	UBUS	1,803.73	2,036.06
tblVehicleEF	UBUS	136.85	20.35
tblVehicleEF	UBUS	3.94	0.44
tblVehicleEF	UBUS	13.12	0.17
tblVehicleEF	UBUS	0.52	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.03	3.0694e-003
tblVehicleEF	UBUS	1.2820e-003	1.7020e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003
tblVehicleEF	UBUS	0.03	2.9232e-003
tblVehicleEF	UBUS	1.1780e-003	1.5649e-004
tblVehicleEF	UBUS	5.8750e-003	8.5879e-004

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	3.5880e-003	6.5275e-004
tblVehicleEF	UBUS	0.44	0.08
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	0.94	0.10
tblVehicleEF	UBUS	8.5770e-003	3.8203e-003
tblVehicleEF	UBUS	1.5920e-003	2.0134e-004
tblVehicleEF	UBUS	5.8750e-003	8.5879e-004
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	3.5880e-003	6.5275e-004
tblVehicleEF	UBUS	2.18	5.39
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.03	0.11
tblVehicleEF	UBUS	1.69	5.27
tblVehicleEF	UBUS	0.06	0.02
tblVehicleEF	UBUS	8.11	41.13
tblVehicleEF	UBUS	10.96	1.61
tblVehicleEF	UBUS	1,803.73	2,036.06
tblVehicleEF	UBUS	136.85	20.00
tblVehicleEF	UBUS	3.69	0.44
tblVehicleEF	UBUS	13.05	0.16
tblVehicleEF	UBUS	0.52	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.03	3.0694e-003
tblVehicleEF	UBUS	1.2820e-003	1.7020e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	UBUS	0.03	2.9232e-003
tblVehicleEF	UBUS	1.1780e-003	1.5649e-004
tblVehicleEF	UBUS	7.8850e-003	1.1874e-003
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	4.7730e-003	9.0804e-004
tblVehicleEF	UBUS	0.44	0.08
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	0.87	0.09
tblVehicleEF	UBUS	8.5780e-003	3.8204e-003
tblVehicleEF	UBUS	1.5670e-003	1.9788e-004
tblVehicleEF	UBUS	7.8850e-003	1.1874e-003
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	4.7730e-003	9.0804e-004
tblVehicleEF	UBUS	2.18	5.39
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	0.95	0.10
tblVehicleEF	UBUS	1.69	5.27
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	8.05	41.13
tblVehicleEF	UBUS	12.68	1.85
tblVehicleEF	UBUS	1,803.73	2,036.05
tblVehicleEF	UBUS	136.85	20.41
tblVehicleEF	UBUS	3.86	0.44
tblVehicleEF	UBUS	13.14	0.17
tblVehicleEF	UBUS	0.52	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.03	3.0694e-003

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleEF	UBUS	1.2820e-003	1.7020e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003
tblVehicleEF	UBUS	0.03	2.9232e-003
tblVehicleEF	UBUS	1.1780e-003	1.5649e-004
tblVehicleEF	UBUS	6.5460e-003	8.7770e-004
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.7380e-003	6.3665e-004
tblVehicleEF	UBUS	0.43	0.08
tblVehicleEF	UBUS	0.04	0.08
tblVehicleEF	UBUS	0.95	0.10
tblVehicleEF	UBUS	8.5770e-003	3.8203e-003
tblVehicleEF	UBUS	1.5960e-003	2.0197e-004
tblVehicleEF	UBUS	6.5460e-003	8.7770e-004
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.7380e-003	6.3665e-004
tblVehicleEF	UBUS	2.17	5.39
tblVehicleEF	UBUS	0.04	0.08
tblVehicleEF	UBUS	1.04	0.11
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PB_TP	10.00	0.00
tblVehicleTrips	PR_TP	73.00	100.00
tblVehicleTrips	PR_TP	60.00	100.00
tblVehicleTrips	ST_TR	8.14	10.87
tblVehicleTrips	ST_TR	8.96	6.68

UCI - ICMC - Unmitigated Generators - Orange County, Winter

tblVehicleTrips	SU_TR	7.19	9.60
tblVehicleTrips	SU_TR	1.55	1.16
tblVehicleTrips	WD_TR	12.94	17.28
tblVehicleTrips	WD_TR	36.13	26.94

2.0 Emissions Summary

UCI - ICMC - Unmitigated Generators - Orange County, Winter

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	9.0794	77.8690	73.1231	0.2575	18.2675	2.0769	20.3132	9.9840	1.9527	11.8661	0.0000	26,384.30 23	26,384.30 23	2.4035	0.0000	26,444.38 89
2022	8.4043	71.7945	70.3684	0.2527	13.8834	1.7650	15.6483	3.7445	1.6603	5.4048	0.0000	25,907.09 13	25,907.09 13	2.3439	0.0000	25,965.68 85
2023	42.2135	69.8587	82.3435	0.2699	14.9899	2.0172	16.5736	4.0380	1.8865	5.6755	0.0000	27,551.10 35	27,551.10 35	2.9643	0.0000	27,625.211 7
Maximum	42.2135	77.8690	82.3435	0.2699	18.2675	2.0769	20.3132	9.9840	1.9527	11.8661	0.0000	27,551.10 35	27,551.10 35	2.9643	0.0000	27,625.21 17

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	9.0794	77.8690	73.1231	0.2575	12.8359	2.0769	14.9128	3.9225	1.9527	5.8046	0.0000	26,384.30 23	26,384.30 23	2.4035	0.0000	26,444.38 88
2022	8.4043	71.7945	70.3684	0.2527	12.8359	1.7650	14.6008	3.4874	1.6603	5.1477	0.0000	25,907.09 13	25,907.09 13	2.3439	0.0000	25,965.68 85
2023	42.2135	69.8587	82.3435	0.2699	13.8558	2.0172	15.4395	3.7596	1.8865	5.4151	0.0000	27,551.10 35	27,551.10 35	2.9643	0.0000	27,625.211 7
Maximum	42.2135	77.8690	82.3435	0.2699	13.8558	2.0769	15.4395	3.9225	1.9527	5.8046	0.0000	27,551.10 35	27,551.10 35	2.9643	0.0000	27,625.21 17

UCI - ICMC - Unmitigated Generators - Orange County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	16.15	0.00	14.43	37.13	0.00	28.67	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	12.6690	1.5800e-003	0.1740	1.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004		0.3730	0.3730	9.8000e-004		0.3975
Energy	0.7008	6.3706	5.3513	0.0382		0.4842	0.4842		0.4842	0.4842		7,644.7059	7,644.7059	0.1465	0.1402	7,690.1346
Mobile	19.5538	35.6372	215.8300	0.7055	75.0255	0.4849	75.5104	20.0397	0.4516	20.4913		72,739.0498	72,739.0498	4.1644		72,843.1596
Stationary	9.2927	39.7649	31.9275	0.1009		2.0328	2.0328		2.0328	2.0328		16,242.8752	16,242.8752	0.8533		16,264.2079
Total	42.2163	81.7743	253.2828	0.8446	75.0255	3.0025	78.0279	20.0397	2.9691	23.0089		96,627.0039	96,627.0039	5.1652	0.1402	96,797.8995

UCI - ICMC - Unmitigated Generators - Orange County, Winter

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	12.6690	1.5800e-003	0.1740	1.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004		0.3730	0.3730	9.8000e-004		0.3975
Energy	0.4002	3.6385	3.0563	0.0218		0.2765	0.2765		0.2765	0.2765		4,366.1966	4,366.1966	0.0837	0.0801	4,392.1427
Mobile	19.0566	32.8107	198.6762	0.6363	67.5229	0.4397	67.9626	18.0358	0.4095	18.4452		65,607.4723	65,607.4723	3.8448		65,703.5915
Stationary	9.2927	39.7649	31.9275	0.1009		2.0328	2.0328		2.0328	2.0328		16,242.8752	16,242.8752	0.8533		16,264.2079
Total	41.4185	76.2157	233.8340	0.7591	67.5229	2.7497	70.2726	18.0358	2.7194	20.7552		86,216.9172	86,216.9172	4.7828	0.0801	86,360.3395

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	1.89	6.80	7.68	10.13	10.00	8.42	9.94	10.00	8.41	9.79	0.00	10.77	10.77	7.40	42.88	10.78

3.0 Construction Detail

Construction Phase

UCI - ICMC - Unmitigated Generators - Orange County, Winter

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition phase A	Demolition	4/5/2021	4/30/2021	5	20	
2	Site Preparation phase A	Site Preparation	5/1/2021	5/14/2021	5	10	
3	Grading phase A	Grading	5/15/2021	6/25/2021	5	30	
4	Building Construction Phase B	Building Construction	6/28/2021	6/30/2023	5	525	
5	Building Construction Phase C	Building Construction	6/28/2021	10/31/2023	5	612	
6	Paving Phase B	Paving	1/1/2023	1/31/2023	5	22	
7	Architectural Coating Phase B	Architectural Coating	2/1/2023	5/31/2023	5	86	
8	Paving Phase C	Paving	6/1/2023	6/30/2023	5	22	
9	Architectural Coating Phase C	Architectural Coating	7/1/2023	10/31/2023	5	87	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 7.3

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 877,500; Non-Residential Outdoor: 292,500; Striped Parking Area: 45,592 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition phase A	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition phase A	Excavators	3	8.00	158	0.38
Demolition phase A	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation phase A	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation phase A	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading phase A	Excavators	1	8.00	158	0.38
Grading phase A	Graders	1	8.00	187	0.41

UCI - ICMC - Unmitigated Generators - Orange County, Winter

Grading phase A	Rubber Tired Dozers	1	8.00	247	0.40
Grading phase A	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction Phase B	Cranes	1	7.00	231	0.29
Building Construction Phase B	Forklifts	3	8.00	89	0.20
Building Construction Phase B	Generator Sets	1	8.00	84	0.74
Building Construction Phase B	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction Phase B	Welders	1	8.00	46	0.45
Building Construction Phase C	Cranes	1	7.00	231	0.29
Building Construction Phase C	Forklifts	3	8.00	89	0.20
Building Construction Phase C	Generator Sets	1	8.00	84	0.74
Building Construction Phase C	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction Phase C	Welders	1	8.00	46	0.45
Paving Phase B	Pavers	2	8.00	130	0.42
Paving Phase B	Paving Equipment	2	8.00	132	0.36
Paving Phase B	Rollers	2	8.00	80	0.38
Architectural Coating Phase B	Air Compressors	1	6.00	78	0.48
Paving Phase C	Pavers	2	8.00	130	0.42
Paving Phase C	Paving Equipment	2	8.00	132	0.36
Paving Phase C	Rollers	2	8.00	80	0.38
Architectural Coating Phase C	Air Compressors	1	6.00	78	0.48

Trips and VMT

UCI - ICMC - Unmitigated Generators - Orange County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition phase A	6	15.00	0.00	32.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation phase A	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading phase A	6	15.00	0.00	2,268.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Phase B	9	497.00	217.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Phase C	9	497.00	217.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving Phase B	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating Phase B	1	99.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving Phase C	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating Phase C	1	99.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

UCI - ICMC - Unmitigated Generators - Orange County, Winter

3.2 Demolition phase A - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3445	0.0000	0.3445	0.0522	0.0000	0.0522			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388	0.3445	1.5513	1.8959	0.0522	1.4411	1.4933		3,747.9449	3,747.9449	1.0549		3,774.3174

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0118	0.4116	0.1173	1.1900e-003	0.0279	1.3000e-003	0.0292	7.6300e-003	1.2400e-003	8.8700e-003		132.7761	132.7761	0.0143		133.1333
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0613	0.0360	0.4204	1.5000e-003	0.1677	1.0900e-003	0.1688	0.0445	1.0000e-003	0.0455		149.3748	149.3748	3.2000e-003		149.4548
Total	0.0731	0.4476	0.5377	2.6900e-003	0.1955	2.3900e-003	0.1979	0.0521	2.2400e-003	0.0543		282.1509	282.1509	0.0175		282.5881

UCI - ICMC - Unmitigated Generators - Orange County, Winter

3.2 Demolition phase A - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1344	0.0000	0.1344	0.0203	0.0000	0.0203			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	3.1651	31.4407	21.5650	0.0388	0.1344	1.5513	1.6857	0.0203	1.4411	1.4614	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0118	0.4116	0.1173	1.1900e-003	0.0260	1.3000e-003	0.0273	7.1600e-003	1.2400e-003	8.4000e-003		132.7761	132.7761	0.0143		133.1333
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0613	0.0360	0.4204	1.5000e-003	0.1546	1.0900e-003	0.1556	0.0413	1.0000e-003	0.0422		149.3748	149.3748	3.2000e-003		149.4548
Total	0.0731	0.4476	0.5377	2.6900e-003	0.1805	2.3900e-003	0.1829	0.0484	2.2400e-003	0.0506		282.1509	282.1509	0.0175		282.5881

UCI - ICMC - Unmitigated Generators - Orange County, Winter

3.3 Site Preparation phase A - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116		3,685.6569	3,685.6569	1.1920		3,715.4573

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0736	0.0432	0.5045	1.8000e-003	0.2012	1.3000e-003	0.2025	0.0534	1.2000e-003	0.0546		179.2498	179.2498	3.8400e-003		179.3458
Total	0.0736	0.0432	0.5045	1.8000e-003	0.2012	1.3000e-003	0.2025	0.0534	1.2000e-003	0.0546		179.2498	179.2498	3.8400e-003		179.3458

UCI - ICMC - Unmitigated Generators - Orange County, Winter

3.3 Site Preparation phase A - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	7.0458	2.0445	9.0903	3.8730	1.8809	5.7539	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0736	0.0432	0.5045	1.8000e-003	0.1855	1.3000e-003	0.1868	0.0495	1.2000e-003	0.0507		179.2498	179.2498	3.8400e-003		179.3458
Total	0.0736	0.0432	0.5045	1.8000e-003	0.1855	1.3000e-003	0.1868	0.0495	1.2000e-003	0.0507		179.2498	179.2498	3.8400e-003		179.3458

UCI - ICMC - Unmitigated Generators - Orange County, Winter

3.4 Grading phase A - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6207	0.0000	6.6207	3.3778	0.0000	3.3778			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
Total	2.2903	24.7367	15.8575	0.0296	6.6207	1.1599	7.7806	3.3778	1.0671	4.4450		2,871.9285	2,871.9285	0.9288		2,895.1495

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5579	19.4456	5.5425	0.0562	1.3162	0.0615	1.3777	0.3603	0.0588	0.4191		6,273.6685	6,273.6685	0.6752		6,290.5492
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0613	0.0360	0.4204	1.5000e-003	0.1677	1.0900e-003	0.1688	0.0445	1.0000e-003	0.0455		149.3748	149.3748	3.2000e-003		149.4548
Total	0.6192	19.4816	5.9629	0.0577	1.4839	0.0626	1.5465	0.4048	0.0598	0.4646		6,423.0433	6,423.0433	0.6784		6,440.0040

UCI - ICMC - Unmitigated Generators - Orange County, Winter

3.4 Grading phase A - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.5821	0.0000	2.5821	1.3174	0.0000	1.3174			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
Total	2.2903	24.7367	15.8575	0.0296	2.5821	1.1599	3.7420	1.3174	1.0671	2.3845	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5579	19.4456	5.5425	0.0562	1.2263	0.0615	1.2878	0.3382	0.0588	0.3971		6,273.6685	6,273.6685	0.6752		6,290.5492
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0613	0.0360	0.4204	1.5000e-003	0.1546	1.0900e-003	0.1556	0.0413	1.0000e-003	0.0422		149.3748	149.3748	3.2000e-003		149.4548
Total	0.6192	19.4816	5.9629	0.0577	1.3808	0.0626	1.4434	0.3795	0.0598	0.4393		6,423.0433	6,423.0433	0.6784		6,440.0040

UCI - ICMC - Unmitigated Generators - Orange County, Winter

3.5 Building Construction Phase B - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6078	20.3097	6.0570	0.0522	1.3864	0.0439	1.4303	0.3990	0.0420	0.4409		5,689.5012	5,689.5012	0.4797		5,701.4946
Worker	2.0310	1.1927	13.9293	0.0496	5.5553	0.0360	5.5913	1.4733	0.0331	1.5064		4,949.2860	4,949.2860	0.1060		4,951.9355
Total	2.6388	21.5024	19.9863	0.1018	6.9417	0.0798	7.0216	1.8723	0.0751	1.9473		10,638.7872	10,638.7872	0.5857		10,653.4302

UCI - ICMC - Unmitigated Generators - Orange County, Winter

3.5 Building Construction Phase B - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6078	20.3097	6.0570	0.0522	1.2974	0.0439	1.3412	0.3771	0.0420	0.4191		5,689.5012	5,689.5012	0.4797		5,701.4946
Worker	2.0310	1.1927	13.9293	0.0496	5.1206	0.0360	5.1566	1.3666	0.0331	1.3997		4,949.2860	4,949.2860	0.1060		4,951.9355
Total	2.6388	21.5024	19.9863	0.1018	6.4180	0.0798	6.4978	1.7437	0.0751	1.8188		10,638.7872	10,638.7872	0.5857		10,653.4302

UCI - ICMC - Unmitigated Generators - Orange County, Winter

3.5 Building Construction Phase B - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5715	19.2012	5.8402	0.0516	1.3864	0.0382	1.4246	0.3990	0.0365	0.4355		5,633.0876	5,633.0876	0.4638		5,644.6831
Worker	1.9244	1.0804	12.9806	0.0478	5.5553	0.0353	5.5906	1.4733	0.0325	1.5058		4,766.1245	4,766.1245	0.0962		4,768.5290
Total	2.4959	20.2816	18.8208	0.0994	6.9417	0.0735	7.0152	1.8723	0.0690	1.9412		10,399.2121	10,399.2121	0.5600		10,413.2120

UCI - ICMC - Unmitigated Generators - Orange County, Winter

3.5 Building Construction Phase B - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5715	19.2012	5.8402	0.0516	1.2973	0.0382	1.3355	0.3771	0.0365	0.4136		5,633.0876	5,633.0876	0.4638		5,644.6831
Worker	1.9244	1.0804	12.9806	0.0478	5.1206	0.0353	5.1559	1.3666	0.0325	1.3991		4,766.1245	4,766.1245	0.0962		4,768.5290
Total	2.4959	20.2816	18.8208	0.0994	6.4179	0.0735	6.4914	1.7437	0.0690	1.8127		10,399.2121	10,399.2121	0.5600		10,413.2120

UCI - ICMC - Unmitigated Generators - Orange County, Winter

3.5 Building Construction Phase B - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4352	14.4531	5.3666	0.0500	1.3864	0.0186	1.4049	0.3990	0.0178	0.4167		5,464.2608	5,464.2608	0.4289		5,474.9823
Worker	1.8279	0.9807	12.0866	0.0459	5.5553	0.0347	5.5900	1.4733	0.0319	1.5052		4,583.1271	4,583.1271	0.0872		4,585.3060
Total	2.2631	15.4339	17.4532	0.0959	6.9417	0.0532	6.9949	1.8722	0.0497	1.9219		10,047.3879	10,047.3879	0.5160		10,060.2882

UCI - ICMC - Unmitigated Generators - Orange County, Winter

3.5 Building Construction Phase B - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4352	14.4531	5.3666	0.0500	1.2973	0.0186	1.3159	0.3771	0.0178	0.3949		5,464.2608	5,464.2608	0.4289		5,474.9823
Worker	1.8279	0.9807	12.0866	0.0459	5.1206	0.0347	5.1553	1.3666	0.0319	1.3985		4,583.1271	4,583.1271	0.0872		4,585.3060
Total	2.2631	15.4339	17.4532	0.0959	6.4179	0.0532	6.4711	1.7437	0.0497	1.7934		10,047.3879	10,047.3879	0.5160		10,060.2882

UCI - ICMC - Unmitigated Generators - Orange County, Winter

3.6 Building Construction Phase C - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6078	20.3097	6.0570	0.0522	1.3864	0.0439	1.4303	0.3990	0.0420	0.4409		5,689.5012	5,689.5012	0.4797		5,701.4946
Worker	2.0310	1.1927	13.9293	0.0496	5.5553	0.0360	5.5913	1.4733	0.0331	1.5064		4,949.2860	4,949.2860	0.1060		4,951.9355
Total	2.6388	21.5024	19.9863	0.1018	6.9417	0.0798	7.0216	1.8723	0.0751	1.9473		10,638.7872	10,638.7872	0.5857		10,653.4302

UCI - ICMC - Unmitigated Generators - Orange County, Winter

3.6 Building Construction Phase C - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6078	20.3097	6.0570	0.0522	1.2974	0.0439	1.3412	0.3771	0.0420	0.4191		5,689.5012	5,689.5012	0.4797		5,701.4946
Worker	2.0310	1.1927	13.9293	0.0496	5.1206	0.0360	5.1566	1.3666	0.0331	1.3997		4,949.2860	4,949.2860	0.1060		4,951.9355
Total	2.6388	21.5024	19.9863	0.1018	6.4180	0.0798	6.4978	1.7437	0.0751	1.8188		10,638.7872	10,638.7872	0.5857		10,653.4302

UCI - ICMC - Unmitigated Generators - Orange County, Winter

3.6 Building Construction Phase C - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5715	19.2012	5.8402	0.0516	1.3864	0.0382	1.4246	0.3990	0.0365	0.4355		5,633.0876	5,633.0876	0.4638		5,644.6831
Worker	1.9244	1.0804	12.9806	0.0478	5.5553	0.0353	5.5906	1.4733	0.0325	1.5058		4,766.1245	4,766.1245	0.0962		4,768.5290
Total	2.4959	20.2816	18.8208	0.0994	6.9417	0.0735	7.0152	1.8723	0.0690	1.9412		10,399.2121	10,399.2121	0.5600		10,413.2120

UCI - ICMC - Unmitigated Generators - Orange County, Winter

3.6 Building Construction Phase C - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5715	19.2012	5.8402	0.0516	1.2973	0.0382	1.3355	0.3771	0.0365	0.4136		5,633.0876	5,633.0876	0.4638		5,644.6831
Worker	1.9244	1.0804	12.9806	0.0478	5.1206	0.0353	5.1559	1.3666	0.0325	1.3991		4,766.1245	4,766.1245	0.0962		4,768.5290
Total	2.4959	20.2816	18.8208	0.0994	6.4179	0.0735	6.4914	1.7437	0.0690	1.8127		10,399.2121	10,399.2121	0.5600		10,413.2120

UCI - ICMC - Unmitigated Generators - Orange County, Winter

3.6 Building Construction Phase C - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4352	14.4531	5.3666	0.0500	1.3864	0.0186	1.4049	0.3990	0.0178	0.4167		5,464.2608	5,464.2608	0.4289		5,474.9823
Worker	1.8279	0.9807	12.0866	0.0459	5.5553	0.0347	5.5900	1.4733	0.0319	1.5052		4,583.1271	4,583.1271	0.0872		4,585.3060
Total	2.2631	15.4339	17.4532	0.0959	6.9417	0.0532	6.9949	1.8722	0.0497	1.9219		10,047.3879	10,047.3879	0.5160		10,060.2882

UCI - ICMC - Unmitigated Generators - Orange County, Winter

3.6 Building Construction Phase C - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4352	14.4531	5.3666	0.0500	1.2973	0.0186	1.3159	0.3771	0.0178	0.3949		5,464.2608	5,464.2608	0.4289		5,474.9823
Worker	1.8279	0.9807	12.0866	0.0459	5.1206	0.0347	5.1553	1.3666	0.0319	1.3985		4,583.1271	4,583.1271	0.0872		4,585.3060
Total	2.2631	15.4339	17.4532	0.0959	6.4179	0.0532	6.4711	1.7437	0.0497	1.7934		10,047.3879	10,047.3879	0.5160		10,060.2882

UCI - ICMC - Unmitigated Generators - Orange County, Winter

3.7 Paving Phase B - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.5597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.5925	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0552	0.0296	0.3648	1.3900e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		138.3238	138.3238	2.6300e-003		138.3895
Total	0.0552	0.0296	0.3648	1.3900e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		138.3238	138.3238	2.6300e-003		138.3895

UCI - ICMC - Unmitigated Generators - Orange County, Winter

3.7 Paving Phase B - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.5597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.5925	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0552	0.0296	0.3648	1.3900e-003	0.1546	1.0500e-003	0.1556	0.0413	9.6000e-004	0.0422		138.3238	138.3238	2.6300e-003		138.3895
Total	0.0552	0.0296	0.3648	1.3900e-003	0.1546	1.0500e-003	0.1556	0.0413	9.6000e-004	0.0422		138.3238	138.3238	2.6300e-003		138.3895

UCI - ICMC - Unmitigated Generators - Orange County, Winter

3.8 Architectural Coating Phase B - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	33.9860					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	34.1776	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3641	0.1954	2.4076	9.1500e-003	1.1066	6.9000e-003	1.1135	0.2935	6.3500e-003	0.2998		912.9368	912.9368	0.0174		913.3708
Total	0.3641	0.1954	2.4076	9.1500e-003	1.1066	6.9000e-003	1.1135	0.2935	6.3500e-003	0.2998		912.9368	912.9368	0.0174		913.3708

UCI - ICMC - Unmitigated Generators - Orange County, Winter

3.8 Architectural Coating Phase B - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	33.9860					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	34.1776	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3641	0.1954	2.4076	9.1500e-003	1.0200	6.9000e-003	1.0269	0.2722	6.3500e-003	0.2786		912.9368	912.9368	0.0174		913.3708
Total	0.3641	0.1954	2.4076	9.1500e-003	1.0200	6.9000e-003	1.0269	0.2722	6.3500e-003	0.2786		912.9368	912.9368	0.0174		913.3708

UCI - ICMC - Unmitigated Generators - Orange County, Winter

3.9 Paving Phase C - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.5597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.5925	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0552	0.0296	0.3648	1.3900e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		138.3238	138.3238	2.6300e-003		138.3895
Total	0.0552	0.0296	0.3648	1.3900e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		138.3238	138.3238	2.6300e-003		138.3895

UCI - ICMC - Unmitigated Generators - Orange County, Winter

3.9 Paving Phase C - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.5597					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.5925	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0552	0.0296	0.3648	1.3900e-003	0.1546	1.0500e-003	0.1556	0.0413	9.6000e-004	0.0422		138.3238	138.3238	2.6300e-003		138.3895
Total	0.0552	0.0296	0.3648	1.3900e-003	0.1546	1.0500e-003	0.1556	0.0413	9.6000e-004	0.0422		138.3238	138.3238	2.6300e-003		138.3895

UCI - ICMC - Unmitigated Generators - Orange County, Winter

3.10 Architectural Coating Phase C - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	33.5953					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	33.7870	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3641	0.1954	2.4076	9.1500e-003	1.1066	6.9000e-003	1.1135	0.2935	6.3500e-003	0.2998		912.9368	912.9368	0.0174		913.3708
Total	0.3641	0.1954	2.4076	9.1500e-003	1.1066	6.9000e-003	1.1135	0.2935	6.3500e-003	0.2998		912.9368	912.9368	0.0174		913.3708

UCI - ICMC - Unmitigated Generators - Orange County, Winter

3.10 Architectural Coating Phase C - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	33.5953					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	33.7870	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3641	0.1954	2.4076	9.1500e-003	1.0200	6.9000e-003	1.0269	0.2722	6.3500e-003	0.2786		912.9368	912.9368	0.0174		913.3708
Total	0.3641	0.1954	2.4076	9.1500e-003	1.0200	6.9000e-003	1.0269	0.2722	6.3500e-003	0.2786		912.9368	912.9368	0.0174		913.3708

4.0 Operational Detail - Mobile

UCI - ICMC - Unmitigated Generators - Orange County, Winter

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	19.0566	32.8107	198.6762	0.6363	67.5229	0.4397	67.9626	18.0358	0.4095	18.4452		65,607.47 23	65,607.47 23	3.8448		65,703.59 15
Unmitigated	19.5538	35.6372	215.8300	0.7055	75.0255	0.4849	75.5104	20.0397	0.4516	20.4913		72,739.04 98	72,739.04 98	4.1644		72,843.15 96

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hospital	2,488.32	1,565.28	1382.40	10,752,699	9,677,429
Medical Office Building	6,061.50	1,503.00	261.00	17,581,417	15,823,275
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unenclosed Parking with Elevator	0.00	0.00	0.00		
Unenclosed Parking with Elevator	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	8,549.82	3,068.28	1,643.40	28,334,116	25,500,704

4.3 Trip Type Information

UCI - ICMC - Unmitigated Generators - Orange County, Winter

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Hospital	16.60	8.40	6.90	64.90	16.10	19.00	100	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	100	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unenclosed Parking with	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unenclosed Parking with	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Hospital	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Medical Office Building	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Other Non-Asphalt Surfaces	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Parking Lot	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Unenclosed Parking with Elevator	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Other Asphalt Surfaces	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

UCI - ICMC - Unmitigated Generators - Orange County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.4002	3.6385	3.0563	0.0218		0.2765	0.2765		0.2765	0.2765		4,366.1966	4,366.1966	0.0837	0.0801	4,392.1427
NaturalGas Unmitigated	0.7008	6.3706	5.3513	0.0382		0.4842	0.4842		0.4842	0.4842		7,644.7059	7,644.7059	0.1465	0.1402	7,690.1346

UCI - ICMC - Unmitigated Generators - Orange County, Winter

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Hospital	59345.8	0.6400	5.8182	4.8873	0.0349		0.4422	0.4422		0.4422	0.4422		6,981.8533	6,981.8533	0.1338	0.1280	7,023.3430
Medical Office Building	5634.25	0.0608	0.5524	0.4640	3.3100e-003		0.0420	0.0420		0.0420	0.0420		662.8525	662.8525	0.0127	0.0122	666.7915
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.7008	6.3706	5.3513	0.0382		0.4842	0.4842		0.4842	0.4842		7,644.7059	7,644.7059	0.1465	0.1402	7,690.1346

UCI - ICMC - Unmitigated Generators - Orange County, Winter

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Hospital	34.126	0.3680	3.3457	2.8104	0.0201		0.2543	0.2543		0.2543	0.2543		4,014.8268	4,014.8268	0.0770	0.0736	4,038.6849
Medical Office Building	2.98664	0.0322	0.2928	0.2460	1.7600e-003		0.0223	0.0223		0.0223	0.0223		351.3699	351.3699	6.7300e-003	6.4400e-003	353.4579
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.4002	3.6385	3.0563	0.0218		0.2765	0.2765		0.2765	0.2765		4,366.1966	4,366.1966	0.0837	0.0801	4,392.1427

6.0 Area Detail

6.1 Mitigation Measures Area

UCI - ICMC - Unmitigated Generators - Orange County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	12.6690	1.5800e-003	0.1740	1.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004		0.3730	0.3730	9.8000e-004		0.3975
Unmitigated	12.6690	1.5800e-003	0.1740	1.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004		0.3730	0.3730	9.8000e-004		0.3975

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.8008					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	11.8522					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0161	1.5800e-003	0.1740	1.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004		0.3730	0.3730	9.8000e-004		0.3975
Total	12.6690	1.5800e-003	0.1740	1.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004		0.3730	0.3730	9.8000e-004		0.3975

UCI - ICMC - Unmitigated Generators - Orange County, Winter

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.8008					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	11.8522					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0161	1.5800e-003	0.1740	1.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004		0.3730	0.3730	9.8000e-004		0.3975
Total	12.6690	1.5800e-003	0.1740	1.0000e-005		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004		0.3730	0.3730	9.8000e-004		0.3975

7.0 Water Detail

7.1 Mitigation Measures Water

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

- Institute Recycling and Composting Services

UCI - ICMC - Unmitigated Generators - Orange County, Winter

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
----------------	--------	-----------	-----------	-------------	-------------	-----------

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	2	1	199	2667	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
Boiler	2	50	18250	75	CNG

User Defined Equipment

Equipment Type	Number
----------------	--------

UCI - ICMC - Unmitigated Generators - Orange County, Winter

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Boiler - CNG (75 - 9999 MMBTU)	0.5392	0.6200	9.6080	0.0588		0.7451	0.7451		0.7451	0.7451		11,764.9069	11,764.9069	0.2255		11,770.5442
Emergency Generator - Diesel (750 - 9999 HP)	8.7535	39.1449	22.3195	0.0421		1.2877	1.2877		1.2877	1.2877		4,477.9683	4,477.9683	0.6278		4,493.6636
Total	9.2927	39.7649	31.9275	0.1009		2.0328	2.0328		2.0328	2.0328		16,242.8752	16,242.8752	0.8533		16,264.2079

11.0 Vegetation

UCI - ICMC - Unmitigated Generators - Orange County, Annual

**UCI - ICMC - Unmitigated Generators
Orange County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hospital	144.00	Bed	1.60	360,000.00	0
Medical Office Building	225.00	1000sqft	1.00	225,000.00	0
Other Non-Asphalt Surfaces	0.60	Acre	0.60	26,136.00	0
Parking Lot	4.10	Acre	4.10	178,596.00	0
Unenclosed Parking with Elevator	770.00	Space	1.20	308,000.00	0
Unenclosed Parking with Elevator	560.00	Space	0.80	224,000.00	0
Other Asphalt Surfaces	0.60	Acre	0.60	23,136.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8			Operational Year	2023
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	531.44	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

UCI - ICMC - Unmitigated Generators - Orange County, Annual

Project Characteristics - Adjusted per the SCE 2019 Corporate Responsibility and Sustainability Report. The report provides intensity factor of CO2e, the CO2 intensity factor is calculated as $534-25 \times 0.029-298 \times 0.00617=531.4364$ to avoid double counting.

Land Use - Hospital 144 beds, 360,000 sf (1.6 ac footprint) 7 levels. Clinic 225 tsf (TIA) (1 ac footprint) 6 levels. PkgStructA 770 stalls (1.2 ac footprint) 6 levels. PkgStructB 560 stalls (0.8 ac footprint) 6 levels, 0.6ac temp staging/laydown

Construction Phase - based on construction schedule in PD

Trips and VMT -

Demolition - based on Google Earth

Grading - export 18,141 cubic yards based on earth movement calculations

Architectural Coating - Low VOC Paint - Rule 1113

Vehicle Trips - Adjusted to include internal capture identified in Traffic Study

Area Coating - Rule 1113, low VOC paint

Energy Use -

Water And Wastewater -

Solid Waste -

Construction Off-road Equipment Mitigation - Rule 403

Mobile Land Use Mitigation - 1150 jobs/11.6 acres = 99 jobs/acre

Mobile Commute Mitigation -

Energy Mitigation - LEED Gold certification. 20-30% reduction over Title 24 2019 standard, 2019 standard exceeds 2016 by 30%

Water Mitigation - low flow fixtures

Waste Mitigation - AB 939 - divert at least 50% of solid waste from landfills

Stationary Sources - Emergency Generators and Fire Pumps - Emergency Power Supply System (EPSS) based on similar project

Stationary Sources - Process Boilers -

Stationary Sources - User Defined -

Stationary Sources - Emergency Generators and Fire Pumps EF - 2017 off-road diesel emission factor update, CARB. Rule 1470 AQMD

Fleet Mix - Other Asphalt - temporary construction staging - no operational emissions

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	230.00	525.00
tblConstructionPhase	NumDays	230.00	612.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDays	20.00	86.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDays	20.00	87.00
tblGrading	MaterialExported	0.00	18,141.00
tblLandUse	LandUseSquareFeet	103,069.09	360,000.00
tblLandUse	LandUseSquareFeet	26,136.00	23,136.00
tblLandUse	LotAcreage	2.37	1.60
tblLandUse	LotAcreage	5.17	1.00
tblLandUse	LotAcreage	6.93	1.20
tblLandUse	LotAcreage	5.04	0.80
tblProjectCharacteristics	CO2IntensityFactor	702.44	531.44
tblStationaryBoilersUse	AnnualHeatInput	0.00	18,250.00
tblStationaryBoilersUse	BoilerRatingValue	0.00	75.00
tblStationaryBoilersUse	DailyHeatInput	0.00	50.00
tblStationaryBoilersUse	NumberOfEquipment	0.00	2.00

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	2,667.00
tblStationaryGeneratorsPumpsUse	HoursPerDay	0.00	1.00
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	199.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	2.00
tblTripsAndVMT	VendorTripNumber	220.00	217.00
tblTripsAndVMT	VendorTripNumber	220.00	217.00
tblTripsAndVMT	WorkerTripNumber	506.00	497.00
tblTripsAndVMT	WorkerTripNumber	506.00	497.00
tblTripsAndVMT	WorkerTripNumber	101.00	99.00
tblTripsAndVMT	WorkerTripNumber	101.00	99.00
tblVehicleEF	HHD	0.47	0.03
tblVehicleEF	HHD	0.16	0.14
tblVehicleEF	HHD	0.07	8.0464e-007
tblVehicleEF	HHD	1.51	6.08
tblVehicleEF	HHD	1.25	0.62
tblVehicleEF	HHD	4.18	0.01
tblVehicleEF	HHD	3,872.44	1,027.75
tblVehicleEF	HHD	1,597.37	1,392.67
tblVehicleEF	HHD	13.53	0.08
tblVehicleEF	HHD	13.41	5.31
tblVehicleEF	HHD	1.83	2.44
tblVehicleEF	HHD	19.09	2.48
tblVehicleEF	HHD	0.01	3.0945e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	6.0810e-003	0.02
tblVehicleEF	HHD	1.2600e-004	1.1940e-006

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	HHD	0.01	2.9606e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6700e-003	8.7641e-003
tblVehicleEF	HHD	5.8180e-003	0.02
tblVehicleEF	HHD	1.1600e-004	1.0979e-006
tblVehicleEF	HHD	1.1500e-004	4.2641e-006
tblVehicleEF	HHD	4.7550e-003	1.8047e-004
tblVehicleEF	HHD	0.36	0.41
tblVehicleEF	HHD	8.8000e-005	3.0444e-006
tblVehicleEF	HHD	0.08	0.03
tblVehicleEF	HHD	4.2300e-004	8.2428e-004
tblVehicleEF	HHD	0.09	4.2069e-006
tblVehicleEF	HHD	0.03	9.3925e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.0400e-004	7.8953e-007
tblVehicleEF	HHD	1.1500e-004	4.2641e-006
tblVehicleEF	HHD	4.7550e-003	1.8047e-004
tblVehicleEF	HHD	0.44	0.47
tblVehicleEF	HHD	8.8000e-005	3.0444e-006
tblVehicleEF	HHD	0.26	0.17
tblVehicleEF	HHD	4.2300e-004	8.2428e-004
tblVehicleEF	HHD	0.10	4.6061e-006
tblVehicleEF	HHD	0.44	0.03
tblVehicleEF	HHD	0.16	0.14
tblVehicleEF	HHD	0.06	7.7285e-007
tblVehicleEF	HHD	1.10	5.99
tblVehicleEF	HHD	1.26	0.62

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	HHD	3.98	0.01
tblVehicleEF	HHD	4,102.50	1,016.72
tblVehicleEF	HHD	1,597.37	1,392.67
tblVehicleEF	HHD	13.53	0.08
tblVehicleEF	HHD	13.84	5.09
tblVehicleEF	HHD	1.73	2.31
tblVehicleEF	HHD	19.08	2.48
tblVehicleEF	HHD	0.01	2.6885e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	6.0810e-003	0.02
tblVehicleEF	HHD	1.2600e-004	1.1940e-006
tblVehicleEF	HHD	9.6890e-003	2.5722e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6700e-003	8.7641e-003
tblVehicleEF	HHD	5.8180e-003	0.02
tblVehicleEF	HHD	1.1600e-004	1.0979e-006
tblVehicleEF	HHD	1.6500e-004	6.2418e-006
tblVehicleEF	HHD	4.8480e-003	1.8313e-004
tblVehicleEF	HHD	0.34	0.43
tblVehicleEF	HHD	1.2200e-004	4.4756e-006
tblVehicleEF	HHD	0.08	0.03
tblVehicleEF	HHD	4.0800e-004	8.0826e-004
tblVehicleEF	HHD	0.09	4.0515e-006
tblVehicleEF	HHD	0.04	9.2884e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.0000e-004	7.8176e-007

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	HHD	1.6500e-004	6.2418e-006
tblVehicleEF	HHD	4.8480e-003	1.8313e-004
tblVehicleEF	HHD	0.42	0.50
tblVehicleEF	HHD	1.2200e-004	4.4756e-006
tblVehicleEF	HHD	0.26	0.17
tblVehicleEF	HHD	4.0800e-004	8.0826e-004
tblVehicleEF	HHD	0.09	4.4359e-006
tblVehicleEF	HHD	0.51	0.03
tblVehicleEF	HHD	0.16	0.14
tblVehicleEF	HHD	0.07	8.1219e-007
tblVehicleEF	HHD	2.08	6.20
tblVehicleEF	HHD	1.25	0.62
tblVehicleEF	HHD	4.22	0.01
tblVehicleEF	HHD	3,554.73	1,042.97
tblVehicleEF	HHD	1,597.37	1,392.67
tblVehicleEF	HHD	13.53	0.08
tblVehicleEF	HHD	12.81	5.62
tblVehicleEF	HHD	1.80	2.40
tblVehicleEF	HHD	19.10	2.48
tblVehicleEF	HHD	0.01	3.6551e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	6.0810e-003	0.02
tblVehicleEF	HHD	1.2600e-004	1.1940e-006
tblVehicleEF	HHD	0.01	3.4970e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6700e-003	8.7641e-003

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	HHD	5.8180e-003	0.02
tblVehicleEF	HHD	1.1600e-004	1.0979e-006
tblVehicleEF	HHD	1.1300e-004	4.4195e-006
tblVehicleEF	HHD	5.0850e-003	1.9963e-004
tblVehicleEF	HHD	0.39	0.37
tblVehicleEF	HHD	8.8000e-005	3.1681e-006
tblVehicleEF	HHD	0.08	0.03
tblVehicleEF	HHD	4.6100e-004	8.7999e-004
tblVehicleEF	HHD	0.09	4.2430e-006
tblVehicleEF	HHD	0.03	9.5362e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.0400e-004	7.9102e-007
tblVehicleEF	HHD	1.1300e-004	4.4195e-006
tblVehicleEF	HHD	5.0850e-003	1.9963e-004
tblVehicleEF	HHD	0.48	0.44
tblVehicleEF	HHD	8.8000e-005	3.1681e-006
tblVehicleEF	HHD	0.26	0.17
tblVehicleEF	HHD	4.6100e-004	8.7999e-004
tblVehicleEF	HHD	0.10	4.6455e-006
tblVehicleEF	LDA	3.5840e-003	2.0518e-003
tblVehicleEF	LDA	3.9920e-003	0.04
tblVehicleEF	LDA	0.52	0.59
tblVehicleEF	LDA	0.92	1.99
tblVehicleEF	LDA	242.31	249.36
tblVehicleEF	LDA	53.99	51.01
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.05	0.16

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.8390e-003	1.5020e-003
tblVehicleEF	LDA	2.2490e-003	1.7537e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.6950e-003	1.3832e-003
tblVehicleEF	LDA	2.0680e-003	1.6125e-003
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	9.0380e-003	7.5936e-003
tblVehicleEF	LDA	0.04	0.19
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	2.4260e-003	2.4668e-003
tblVehicleEF	LDA	5.5500e-004	5.0480e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.19
tblVehicleEF	LDA	0.06	0.21
tblVehicleEF	LDA	3.7860e-003	2.1852e-003
tblVehicleEF	LDA	3.5910e-003	0.04
tblVehicleEF	LDA	0.56	0.64
tblVehicleEF	LDA	0.80	1.72
tblVehicleEF	LDA	252.48	259.55

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	LDA	53.99	50.52
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.05	0.15
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.8390e-003	1.5020e-003
tblVehicleEF	LDA	2.2490e-003	1.7537e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.6950e-003	1.3832e-003
tblVehicleEF	LDA	2.0680e-003	1.6125e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	9.5380e-003	8.0161e-003
tblVehicleEF	LDA	0.03	0.18
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	2.5280e-003	2.5676e-003
tblVehicleEF	LDA	5.5300e-004	4.9989e-004
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.03	0.18
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	3.5150e-003	2.0098e-003
tblVehicleEF	LDA	4.0740e-003	0.04

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	LDA	0.50	0.57
tblVehicleEF	LDA	0.95	2.05
tblVehicleEF	LDA	238.56	245.60
tblVehicleEF	LDA	53.99	51.12
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.05	0.17
tblVehicleEF	LDA	0.04	0.04
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.8390e-003	1.5020e-003
tblVehicleEF	LDA	2.2490e-003	1.7537e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.6950e-003	1.3832e-003
tblVehicleEF	LDA	2.0680e-003	1.6125e-003
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	8.8680e-003	7.4511e-003
tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.05	0.19
tblVehicleEF	LDA	2.3880e-003	2.4296e-003
tblVehicleEF	LDA	5.5600e-004	5.0587e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.09	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.04	0.22

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	LDA	0.06	0.21
tblVehicleEF	LDT1	8.0440e-003	4.7359e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	1.00	1.03
tblVehicleEF	LDT1	2.24	2.17
tblVehicleEF	LDT1	303.32	296.14
tblVehicleEF	LDT1	67.98	61.59
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.13	0.23
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.3740e-003	1.9816e-003
tblVehicleEF	LDT1	3.0400e-003	2.3129e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.1840e-003	1.8229e-003
tblVehicleEF	LDT1	2.7950e-003	2.1267e-003
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.22	0.17
tblVehicleEF	LDT1	0.09	0.00
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.14	0.58
tblVehicleEF	LDT1	0.15	0.30
tblVehicleEF	LDT1	3.0440e-003	2.9306e-003
tblVehicleEF	LDT1	7.1900e-004	6.0953e-004
tblVehicleEF	LDT1	0.11	0.10
tblVehicleEF	LDT1	0.22	0.17

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.14	0.58
tblVehicleEF	LDT1	0.16	0.32
tblVehicleEF	LDT1	8.4500e-003	5.0088e-003
tblVehicleEF	LDT1	9.9950e-003	0.06
tblVehicleEF	LDT1	1.08	1.11
tblVehicleEF	LDT1	1.93	1.87
tblVehicleEF	LDT1	315.58	306.58
tblVehicleEF	LDT1	67.98	61.02
tblVehicleEF	LDT1	0.08	0.07
tblVehicleEF	LDT1	0.12	0.21
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.3740e-003	1.9816e-003
tblVehicleEF	LDT1	3.0400e-003	2.3129e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.1840e-003	1.8229e-003
tblVehicleEF	LDT1	2.7950e-003	2.1267e-003
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.23	0.17
tblVehicleEF	LDT1	0.13	0.00
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.13	0.53
tblVehicleEF	LDT1	0.13	0.27
tblVehicleEF	LDT1	3.1680e-003	3.0339e-003

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	LDT1	7.1300e-004	6.0381e-004
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.23	0.17
tblVehicleEF	LDT1	0.13	0.13
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.13	0.53
tblVehicleEF	LDT1	0.15	0.29
tblVehicleEF	LDT1	7.9040e-003	4.6486e-003
tblVehicleEF	LDT1	0.01	0.06
tblVehicleEF	LDT1	0.97	0.99
tblVehicleEF	LDT1	2.30	2.23
tblVehicleEF	LDT1	298.79	292.29
tblVehicleEF	LDT1	67.98	61.72
tblVehicleEF	LDT1	0.09	0.07
tblVehicleEF	LDT1	0.13	0.23
tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	2.3740e-003	1.9816e-003
tblVehicleEF	LDT1	3.0400e-003	2.3129e-003
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	2.1840e-003	1.8229e-003
tblVehicleEF	LDT1	2.7950e-003	2.1267e-003
tblVehicleEF	LDT1	0.11	0.11
tblVehicleEF	LDT1	0.25	0.19
tblVehicleEF	LDT1	0.09	0.00
tblVehicleEF	LDT1	0.02	0.02

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.15	0.30
tblVehicleEF	LDT1	2.9980e-003	2.8924e-003
tblVehicleEF	LDT1	7.2000e-004	6.1077e-004
tblVehicleEF	LDT1	0.11	0.11
tblVehicleEF	LDT1	0.25	0.19
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	0.17	0.68
tblVehicleEF	LDT1	0.17	0.33
tblVehicleEF	LDT2	4.9710e-003	3.2951e-003
tblVehicleEF	LDT2	5.3310e-003	0.06
tblVehicleEF	LDT2	0.67	0.79
tblVehicleEF	LDT2	1.19	2.52
tblVehicleEF	LDT2	342.73	317.53
tblVehicleEF	LDT2	76.37	66.48
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.09	0.24
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8340e-003	1.5139e-003
tblVehicleEF	LDT2	2.2690e-003	1.7024e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6860e-003	1.3934e-003
tblVehicleEF	LDT2	2.0860e-003	1.5653e-003
tblVehicleEF	LDT2	0.04	0.07

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.38
tblVehicleEF	LDT2	0.07	0.27
tblVehicleEF	LDT2	3.4320e-003	3.1413e-003
tblVehicleEF	LDT2	7.8300e-004	6.5790e-004
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.09	0.11
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.38
tblVehicleEF	LDT2	0.08	0.30
tblVehicleEF	LDT2	5.2490e-003	3.4997e-003
tblVehicleEF	LDT2	4.8000e-003	0.05
tblVehicleEF	LDT2	0.73	0.86
tblVehicleEF	LDT2	1.03	2.18
tblVehicleEF	LDT2	356.77	327.66
tblVehicleEF	LDT2	76.37	65.84
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.08	0.23
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8340e-003	1.5139e-003
tblVehicleEF	LDT2	2.2690e-003	1.7024e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	LDT2	1.6860e-003	1.3934e-003
tblVehicleEF	LDT2	2.0860e-003	1.5653e-003
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.35
tblVehicleEF	LDT2	0.06	0.24
tblVehicleEF	LDT2	3.5730e-003	3.2415e-003
tblVehicleEF	LDT2	7.8100e-004	6.5155e-004
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.05	0.35
tblVehicleEF	LDT2	0.07	0.27
tblVehicleEF	LDT2	4.8770e-003	3.2305e-003
tblVehicleEF	LDT2	5.4400e-003	0.06
tblVehicleEF	LDT2	0.65	0.76
tblVehicleEF	LDT2	1.22	2.60
tblVehicleEF	LDT2	337.54	313.79
tblVehicleEF	LDT2	76.37	66.62
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.09	0.25
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.8340e-003	1.5139e-003

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	LDT2	2.2690e-003	1.7024e-003
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.6860e-003	1.3934e-003
tblVehicleEF	LDT2	2.0860e-003	1.5653e-003
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.07	0.28
tblVehicleEF	LDT2	3.3800e-003	3.1043e-003
tblVehicleEF	LDT2	7.8400e-004	6.5929e-004
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.10	0.12
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.08	0.30
tblVehicleEF	LHD1	5.1440e-003	5.3845e-003
tblVehicleEF	LHD1	8.3180e-003	4.0634e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.19
tblVehicleEF	LHD1	0.64	0.46
tblVehicleEF	LHD1	2.21	1.00
tblVehicleEF	LHD1	9.05	8.94
tblVehicleEF	LHD1	587.85	643.60

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	LHD1	31.08	11.73
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	1.07	0.65
tblVehicleEF	LHD1	0.93	0.31
tblVehicleEF	LHD1	8.7400e-004	8.1190e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.7537e-003
tblVehicleEF	LHD1	9.7940e-003	6.6438e-003
tblVehicleEF	LHD1	8.1700e-004	2.3220e-004
tblVehicleEF	LHD1	8.3600e-004	7.7678e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5470e-003	2.4384e-003
tblVehicleEF	LHD1	9.3500e-003	6.3321e-003
tblVehicleEF	LHD1	7.5200e-004	2.1350e-004
tblVehicleEF	LHD1	2.5990e-003	2.0069e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.6860e-003	1.3024e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.27	0.42
tblVehicleEF	LHD1	0.22	0.07
tblVehicleEF	LHD1	9.1000e-005	8.6787e-005
tblVehicleEF	LHD1	5.7610e-003	6.2796e-003
tblVehicleEF	LHD1	3.5200e-004	1.1603e-004
tblVehicleEF	LHD1	2.5990e-003	2.0069e-003
tblVehicleEF	LHD1	0.09	0.06
tblVehicleEF	LHD1	0.02	0.03

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	LHD1	1.6860e-003	1.3024e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.27	0.42
tblVehicleEF	LHD1	0.25	0.07
tblVehicleEF	LHD1	5.1440e-003	5.3956e-003
tblVehicleEF	LHD1	8.4720e-003	4.1291e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.19
tblVehicleEF	LHD1	0.65	0.47
tblVehicleEF	LHD1	2.11	0.96
tblVehicleEF	LHD1	9.05	8.94
tblVehicleEF	LHD1	587.85	643.61
tblVehicleEF	LHD1	31.08	11.65
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	1.00	0.61
tblVehicleEF	LHD1	0.90	0.30
tblVehicleEF	LHD1	8.7400e-004	8.1190e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.7537e-003
tblVehicleEF	LHD1	9.7940e-003	6.6438e-003
tblVehicleEF	LHD1	8.1700e-004	2.3220e-004
tblVehicleEF	LHD1	8.3600e-004	7.7678e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5470e-003	2.4384e-003
tblVehicleEF	LHD1	9.3500e-003	6.3321e-003
tblVehicleEF	LHD1	7.5200e-004	2.1350e-004
tblVehicleEF	LHD1	3.6240e-003	2.8071e-003

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.2760e-003	1.7674e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.26	0.40
tblVehicleEF	LHD1	0.22	0.06
tblVehicleEF	LHD1	9.1000e-005	8.6787e-005
tblVehicleEF	LHD1	5.7620e-003	6.2797e-003
tblVehicleEF	LHD1	3.5100e-004	1.1532e-004
tblVehicleEF	LHD1	3.6240e-003	2.8071e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	2.2760e-003	1.7674e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.26	0.40
tblVehicleEF	LHD1	0.24	0.07
tblVehicleEF	LHD1	5.1440e-003	5.3824e-003
tblVehicleEF	LHD1	8.2770e-003	4.0457e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.14	0.19
tblVehicleEF	LHD1	0.64	0.46
tblVehicleEF	LHD1	2.22	1.00
tblVehicleEF	LHD1	9.05	8.94
tblVehicleEF	LHD1	587.85	643.59
tblVehicleEF	LHD1	31.08	11.74
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	1.05	0.64

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	LHD1	0.94	0.31
tblVehicleEF	LHD1	8.7400e-004	8.1190e-004
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	0.01	9.7537e-003
tblVehicleEF	LHD1	9.7940e-003	6.6438e-003
tblVehicleEF	LHD1	8.1700e-004	2.3220e-004
tblVehicleEF	LHD1	8.3600e-004	7.7678e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.5470e-003	2.4384e-003
tblVehicleEF	LHD1	9.3500e-003	6.3321e-003
tblVehicleEF	LHD1	7.5200e-004	2.1350e-004
tblVehicleEF	LHD1	2.6790e-003	2.0730e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.7000e-003	1.3162e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.29	0.45
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	9.1000e-005	8.6787e-005
tblVehicleEF	LHD1	5.7610e-003	6.2796e-003
tblVehicleEF	LHD1	3.5300e-004	1.1614e-004
tblVehicleEF	LHD1	2.6790e-003	2.0730e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	1.7000e-003	1.3162e-003
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.29	0.45

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	LHD1	0.25	0.07
tblVehicleEF	LHD2	3.7290e-003	3.8794e-003
tblVehicleEF	LHD2	3.3120e-003	3.0662e-003
tblVehicleEF	LHD2	7.2560e-003	9.8116e-003
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.29	0.34
tblVehicleEF	LHD2	1.18	0.68
tblVehicleEF	LHD2	13.67	13.53
tblVehicleEF	LHD2	604.69	653.28
tblVehicleEF	LHD2	26.72	9.28
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.64	0.74
tblVehicleEF	LHD2	0.51	0.22
tblVehicleEF	LHD2	1.1580e-003	1.2540e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.8100e-003	9.7310e-003
tblVehicleEF	LHD2	4.1000e-004	1.3374e-004
tblVehicleEF	LHD2	1.1080e-003	1.1997e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6650e-003	2.6360e-003
tblVehicleEF	LHD2	8.4170e-003	9.2961e-003
tblVehicleEF	LHD2	3.7700e-004	1.2297e-004
tblVehicleEF	LHD2	9.7400e-004	1.2825e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.8200e-004	8.5779e-004

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.07	0.26
tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	1.3400e-004	1.2968e-004
tblVehicleEF	LHD2	5.8880e-003	6.3215e-003
tblVehicleEF	LHD2	2.8800e-004	9.1841e-005
tblVehicleEF	LHD2	9.7400e-004	1.2825e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.8200e-004	8.5779e-004
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.07	0.26
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	LHD2	3.7290e-003	3.8874e-003
tblVehicleEF	LHD2	3.3450e-003	3.0936e-003
tblVehicleEF	LHD2	7.0320e-003	9.5029e-003
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.29	0.34
tblVehicleEF	LHD2	1.13	0.65
tblVehicleEF	LHD2	13.67	13.53
tblVehicleEF	LHD2	604.69	653.28
tblVehicleEF	LHD2	26.72	9.23
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.61	0.70
tblVehicleEF	LHD2	0.49	0.21
tblVehicleEF	LHD2	1.1580e-003	1.2540e-003
tblVehicleEF	LHD2	0.09	0.09

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.8100e-003	9.7310e-003
tblVehicleEF	LHD2	4.1000e-004	1.3374e-004
tblVehicleEF	LHD2	1.1080e-003	1.1997e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6650e-003	2.6360e-003
tblVehicleEF	LHD2	8.4170e-003	9.2961e-003
tblVehicleEF	LHD2	3.7700e-004	1.2297e-004
tblVehicleEF	LHD2	1.3660e-003	1.7960e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	9.2300e-004	1.1646e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.07	0.25
tblVehicleEF	LHD2	0.09	0.05
tblVehicleEF	LHD2	1.3400e-004	1.2968e-004
tblVehicleEF	LHD2	5.8880e-003	6.3216e-003
tblVehicleEF	LHD2	2.8800e-004	9.1357e-005
tblVehicleEF	LHD2	1.3660e-003	1.7960e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	9.2300e-004	1.1646e-003
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.07	0.25
tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	3.7290e-003	3.8779e-003
tblVehicleEF	LHD2	3.3030e-003	3.0589e-003

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	LHD2	7.3020e-003	9.8750e-003
tblVehicleEF	LHD2	0.13	0.15
tblVehicleEF	LHD2	0.29	0.34
tblVehicleEF	LHD2	1.18	0.68
tblVehicleEF	LHD2	13.67	13.53
tblVehicleEF	LHD2	604.69	653.27
tblVehicleEF	LHD2	26.72	9.29
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.63	0.73
tblVehicleEF	LHD2	0.51	0.22
tblVehicleEF	LHD2	1.1580e-003	1.2540e-003
tblVehicleEF	LHD2	0.09	0.09
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	8.8100e-003	9.7310e-003
tblVehicleEF	LHD2	4.1000e-004	1.3374e-004
tblVehicleEF	LHD2	1.1080e-003	1.1997e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	2.6650e-003	2.6360e-003
tblVehicleEF	LHD2	8.4170e-003	9.2961e-003
tblVehicleEF	LHD2	3.7700e-004	1.2297e-004
tblVehicleEF	LHD2	9.7300e-004	1.2991e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.7600e-004	8.5089e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.08	0.28
tblVehicleEF	LHD2	0.10	0.05

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	LHD2	1.3400e-004	1.2968e-004
tblVehicleEF	LHD2	5.8880e-003	6.3215e-003
tblVehicleEF	LHD2	2.8800e-004	9.1917e-005
tblVehicleEF	LHD2	9.7300e-004	1.2991e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.7600e-004	8.5089e-004
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.08	0.28
tblVehicleEF	LHD2	0.11	0.05
tblVehicleEF	MCY	0.49	0.35
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.11	18.34
tblVehicleEF	MCY	9.59	8.48
tblVehicleEF	MCY	178.39	214.43
tblVehicleEF	MCY	44.52	59.44
tblVehicleEF	MCY	1.12	1.12
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.2180e-003	2.2005e-003
tblVehicleEF	MCY	3.6330e-003	3.0777e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.0720e-003	2.0559e-003
tblVehicleEF	MCY	3.4160e-003	2.8938e-003
tblVehicleEF	MCY	1.13	1.15

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	MCY	0.67	0.69
tblVehicleEF	MCY	0.69	0.71
tblVehicleEF	MCY	2.35	2.37
tblVehicleEF	MCY	0.62	1.91
tblVehicleEF	MCY	2.03	1.80
tblVehicleEF	MCY	2.1510e-003	2.1219e-003
tblVehicleEF	MCY	6.6200e-004	5.8822e-004
tblVehicleEF	MCY	1.13	1.15
tblVehicleEF	MCY	0.67	0.69
tblVehicleEF	MCY	0.69	0.71
tblVehicleEF	MCY	2.93	2.94
tblVehicleEF	MCY	0.62	1.91
tblVehicleEF	MCY	2.21	1.96
tblVehicleEF	MCY	0.48	0.34
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	17.46	17.67
tblVehicleEF	MCY	8.83	7.76
tblVehicleEF	MCY	178.39	213.16
tblVehicleEF	MCY	44.52	57.68
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.2180e-003	2.2005e-003
tblVehicleEF	MCY	3.6330e-003	3.0777e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	MCY	2.0720e-003	2.0559e-003
tblVehicleEF	MCY	3.4160e-003	2.8938e-003
tblVehicleEF	MCY	1.69	1.73
tblVehicleEF	MCY	0.71	0.73
tblVehicleEF	MCY	1.10	1.12
tblVehicleEF	MCY	2.30	2.31
tblVehicleEF	MCY	0.58	1.79
tblVehicleEF	MCY	1.83	1.61
tblVehicleEF	MCY	2.1390e-003	2.1094e-003
tblVehicleEF	MCY	6.4300e-004	5.7079e-004
tblVehicleEF	MCY	1.69	1.73
tblVehicleEF	MCY	0.71	0.73
tblVehicleEF	MCY	1.10	1.12
tblVehicleEF	MCY	2.86	2.87
tblVehicleEF	MCY	0.58	1.79
tblVehicleEF	MCY	1.99	1.75
tblVehicleEF	MCY	0.49	0.35
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	18.21	18.44
tblVehicleEF	MCY	9.71	8.60
tblVehicleEF	MCY	178.39	214.62
tblVehicleEF	MCY	44.52	59.76
tblVehicleEF	MCY	1.09	1.09
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	0.01	0.01
tblVehicleEF	MCY	4.0000e-003	4.0000e-003
tblVehicleEF	MCY	2.2180e-003	2.2005e-003

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	MCY	3.6330e-003	3.0777e-003
tblVehicleEF	MCY	5.0400e-003	5.0400e-003
tblVehicleEF	MCY	1.0000e-003	1.0000e-003
tblVehicleEF	MCY	2.0720e-003	2.0559e-003
tblVehicleEF	MCY	3.4160e-003	2.8938e-003
tblVehicleEF	MCY	1.25	1.27
tblVehicleEF	MCY	0.86	0.88
tblVehicleEF	MCY	0.73	0.75
tblVehicleEF	MCY	2.36	2.38
tblVehicleEF	MCY	0.71	2.20
tblVehicleEF	MCY	2.07	1.84
tblVehicleEF	MCY	2.1530e-003	2.1239e-003
tblVehicleEF	MCY	6.6500e-004	5.9133e-004
tblVehicleEF	MCY	1.25	1.27
tblVehicleEF	MCY	0.86	0.88
tblVehicleEF	MCY	0.73	0.75
tblVehicleEF	MCY	2.94	2.95
tblVehicleEF	MCY	0.71	2.20
tblVehicleEF	MCY	2.25	2.00
tblVehicleEF	MDV	9.1870e-003	4.2220e-003
tblVehicleEF	MDV	0.01	0.07
tblVehicleEF	MDV	1.04	0.90
tblVehicleEF	MDV	2.15	2.83
tblVehicleEF	MDV	467.69	393.33
tblVehicleEF	MDV	101.87	80.90
tblVehicleEF	MDV	0.11	0.08
tblVehicleEF	MDV	0.19	0.30

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8820e-003	1.6172e-003
tblVehicleEF	MDV	2.2700e-003	1.7983e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7350e-003	1.4913e-003
tblVehicleEF	MDV	2.0880e-003	1.6536e-003
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.09	0.40
tblVehicleEF	MDV	0.16	0.34
tblVehicleEF	MDV	4.6820e-003	3.8882e-003
tblVehicleEF	MDV	1.0560e-003	8.0061e-004
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.09	0.40
tblVehicleEF	MDV	0.17	0.37
tblVehicleEF	MDV	9.6820e-003	4.4795e-003
tblVehicleEF	MDV	0.01	0.06
tblVehicleEF	MDV	1.13	0.98
tblVehicleEF	MDV	1.86	2.44
tblVehicleEF	MDV	486.30	403.90

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	MDV	101.87	80.16
tblVehicleEF	MDV	0.10	0.07
tblVehicleEF	MDV	0.18	0.28
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8820e-003	1.6172e-003
tblVehicleEF	MDV	2.2700e-003	1.7983e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7350e-003	1.4913e-003
tblVehicleEF	MDV	2.0880e-003	1.6536e-003
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.09	0.37
tblVehicleEF	MDV	0.14	0.31
tblVehicleEF	MDV	4.8690e-003	3.9928e-003
tblVehicleEF	MDV	1.0510e-003	7.9330e-004
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.15	0.13
tblVehicleEF	MDV	0.10	0.12
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.09	0.37
tblVehicleEF	MDV	0.16	0.34
tblVehicleEF	MDV	9.0170e-003	4.1396e-003
tblVehicleEF	MDV	0.01	0.07

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	MDV	1.01	0.87
tblVehicleEF	MDV	2.21	2.92
tblVehicleEF	MDV	460.81	389.43
tblVehicleEF	MDV	101.87	81.07
tblVehicleEF	MDV	0.10	0.07
tblVehicleEF	MDV	0.20	0.30
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.8820e-003	1.6172e-003
tblVehicleEF	MDV	2.2700e-003	1.7983e-003
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.7350e-003	1.4913e-003
tblVehicleEF	MDV	2.0880e-003	1.6536e-003
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.16	0.14
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.11	0.47
tblVehicleEF	MDV	0.16	0.35
tblVehicleEF	MDV	4.6120e-003	3.8496e-003
tblVehicleEF	MDV	1.0570e-003	8.0221e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.16	0.14
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.11	0.47

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	MDV	0.18	0.38
tblVehicleEF	MH	0.02	7.6349e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.49	0.84
tblVehicleEF	MH	4.71	1.82
tblVehicleEF	MH	1,100.52	1,423.89
tblVehicleEF	MH	56.84	17.32
tblVehicleEF	MH	1.24	1.32
tblVehicleEF	MH	0.70	0.23
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	9.3800e-004	2.2417e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2410e-003	3.3068e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	8.6200e-004	2.0612e-004
tblVehicleEF	MH	0.80	0.67
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.36	0.30
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.02	1.05
tblVehicleEF	MH	0.28	0.08
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.5000e-004	1.7144e-004
tblVehicleEF	MH	0.80	0.67
tblVehicleEF	MH	0.06	0.05

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	MH	0.36	0.30
tblVehicleEF	MH	0.09	0.06
tblVehicleEF	MH	0.02	1.05
tblVehicleEF	MH	0.30	0.09
tblVehicleEF	MH	0.02	7.7851e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.53	0.86
tblVehicleEF	MH	4.46	1.73
tblVehicleEF	MH	1,100.52	1,423.92
tblVehicleEF	MH	56.84	17.17
tblVehicleEF	MH	1.16	1.23
tblVehicleEF	MH	0.67	0.22
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	9.3800e-004	2.2417e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2410e-003	3.3068e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	8.6200e-004	2.0612e-004
tblVehicleEF	MH	1.07	0.91
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.48	0.41
tblVehicleEF	MH	0.07	0.05
tblVehicleEF	MH	0.02	1.02
tblVehicleEF	MH	0.27	0.08
tblVehicleEF	MH	0.01	0.01

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	MH	6.4600e-004	1.6988e-004
tblVehicleEF	MH	1.07	0.91
tblVehicleEF	MH	0.06	0.05
tblVehicleEF	MH	0.48	0.41
tblVehicleEF	MH	0.09	0.07
tblVehicleEF	MH	0.02	1.02
tblVehicleEF	MH	0.29	0.09
tblVehicleEF	MH	0.02	7.5897e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.48	0.83
tblVehicleEF	MH	4.74	1.83
tblVehicleEF	MH	1,100.52	1,423.88
tblVehicleEF	MH	56.84	17.35
tblVehicleEF	MH	1.22	1.29
tblVehicleEF	MH	0.71	0.23
tblVehicleEF	MH	0.13	0.13
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	9.3800e-004	2.2417e-004
tblVehicleEF	MH	0.06	0.06
tblVehicleEF	MH	3.2410e-003	3.3068e-003
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	8.6200e-004	2.0612e-004
tblVehicleEF	MH	0.87	0.73
tblVehicleEF	MH	0.07	0.06
tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.06	0.05

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	MH	0.02	1.11
tblVehicleEF	MH	0.28	0.08
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.5100e-004	1.7170e-004
tblVehicleEF	MH	0.87	0.73
tblVehicleEF	MH	0.07	0.06
tblVehicleEF	MH	0.37	0.31
tblVehicleEF	MH	0.09	0.06
tblVehicleEF	MH	0.02	1.11
tblVehicleEF	MH	0.30	0.09
tblVehicleEF	MHD	0.02	4.7658e-003
tblVehicleEF	MHD	2.9430e-003	1.3812e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.33	0.39
tblVehicleEF	MHD	0.26	0.19
tblVehicleEF	MHD	5.08	1.21
tblVehicleEF	MHD	141.00	53.16
tblVehicleEF	MHD	1,129.46	1,011.60
tblVehicleEF	MHD	58.21	12.50
tblVehicleEF	MHD	0.36	0.25
tblVehicleEF	MHD	0.69	0.95
tblVehicleEF	MHD	10.82	1.53
tblVehicleEF	MHD	7.6000e-005	1.9781e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.7910e-003	5.6976e-003
tblVehicleEF	MHD	7.2300e-004	1.1541e-004

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	MHD	7.2000e-005	1.8926e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.6680e-003	5.4456e-003
tblVehicleEF	MHD	6.6500e-004	1.0611e-004
tblVehicleEF	MHD	9.9700e-004	4.8129e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.7900e-004	3.4273e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.31	0.06
tblVehicleEF	MHD	1.3570e-003	5.0631e-004
tblVehicleEF	MHD	0.01	9.6794e-003
tblVehicleEF	MHD	6.7100e-004	1.2371e-004
tblVehicleEF	MHD	9.9700e-004	4.8129e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	6.7900e-004	3.4273e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.34	0.06
tblVehicleEF	MHD	0.01	4.5191e-003
tblVehicleEF	MHD	2.9770e-003	1.4067e-003
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.24	0.32
tblVehicleEF	MHD	0.26	0.19

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	MHD	4.84	1.16
tblVehicleEF	MHD	149.34	53.14
tblVehicleEF	MHD	1,129.46	1,011.61
tblVehicleEF	MHD	58.21	12.40
tblVehicleEF	MHD	0.37	0.24
tblVehicleEF	MHD	0.65	0.90
tblVehicleEF	MHD	10.79	1.52
tblVehicleEF	MHD	6.4000e-005	1.6898e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.7910e-003	5.6976e-003
tblVehicleEF	MHD	7.2300e-004	1.1541e-004
tblVehicleEF	MHD	6.1000e-005	1.6167e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	2.6680e-003	5.4456e-003
tblVehicleEF	MHD	6.6500e-004	1.0611e-004
tblVehicleEF	MHD	1.4050e-003	6.7948e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	9.3200e-004	4.6860e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.30	0.06
tblVehicleEF	MHD	1.4350e-003	5.0631e-004
tblVehicleEF	MHD	0.01	9.6795e-003
tblVehicleEF	MHD	6.6700e-004	1.2274e-004

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	MHD	1.4050e-003	6.7948e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	9.3200e-004	4.6860e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.10
tblVehicleEF	MHD	0.33	0.06
tblVehicleEF	MHD	0.02	5.1223e-003
tblVehicleEF	MHD	2.9330e-003	1.3724e-003
tblVehicleEF	MHD	0.05	0.01
tblVehicleEF	MHD	0.46	0.48
tblVehicleEF	MHD	0.26	0.19
tblVehicleEF	MHD	5.12	1.22
tblVehicleEF	MHD	129.46	53.18
tblVehicleEF	MHD	1,129.46	1,011.60
tblVehicleEF	MHD	58.21	12.52
tblVehicleEF	MHD	0.34	0.26
tblVehicleEF	MHD	0.68	0.93
tblVehicleEF	MHD	10.83	1.53
tblVehicleEF	MHD	9.2000e-005	2.3763e-004
tblVehicleEF	MHD	0.13	0.13
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	2.7910e-003	5.6976e-003
tblVehicleEF	MHD	7.2300e-004	1.1541e-004
tblVehicleEF	MHD	8.8000e-005	2.2735e-004
tblVehicleEF	MHD	0.06	0.06
tblVehicleEF	MHD	3.0000e-003	3.0000e-003

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	MHD	2.6680e-003	5.4456e-003
tblVehicleEF	MHD	6.6500e-004	1.0611e-004
tblVehicleEF	MHD	1.0150e-003	4.7978e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	6.8500e-004	3.4117e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.11
tblVehicleEF	MHD	0.32	0.06
tblVehicleEF	MHD	1.2480e-003	5.0623e-004
tblVehicleEF	MHD	0.01	9.6794e-003
tblVehicleEF	MHD	6.7200e-004	1.2390e-004
tblVehicleEF	MHD	1.0150e-003	4.7978e-004
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.8500e-004	3.4117e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.02	0.11
tblVehicleEF	MHD	0.35	0.06
tblVehicleEF	OBUS	0.01	8.6761e-003
tblVehicleEF	OBUS	5.8760e-003	4.8662e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.55
tblVehicleEF	OBUS	0.43	0.61
tblVehicleEF	OBUS	5.05	2.32
tblVehicleEF	OBUS	76.29	77.70
tblVehicleEF	OBUS	1,208.63	1,354.39

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	OBUS	69.33	19.82
tblVehicleEF	OBUS	0.15	0.29
tblVehicleEF	OBUS	0.55	0.97
tblVehicleEF	OBUS	1.99	0.75
tblVehicleEF	OBUS	1.4000e-005	9.7570e-005
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.3250e-003	6.0792e-003
tblVehicleEF	OBUS	8.7700e-004	1.9850e-004
tblVehicleEF	OBUS	1.3000e-005	9.3349e-005
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.2060e-003	5.8002e-003
tblVehicleEF	OBUS	8.0600e-004	1.8251e-004
tblVehicleEF	OBUS	1.3670e-003	1.7572e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.5000e-004	9.4778e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.04	0.23
tblVehicleEF	OBUS	0.32	0.11
tblVehicleEF	OBUS	7.4000e-004	7.4054e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8200e-004	1.9609e-004
tblVehicleEF	OBUS	1.3670e-003	1.7572e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	OBUS	7.5000e-004	9.4778e-004
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.04	0.23
tblVehicleEF	OBUS	0.35	0.12
tblVehicleEF	OBUS	0.01	8.7517e-003
tblVehicleEF	OBUS	5.9810e-003	4.9687e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.55
tblVehicleEF	OBUS	0.43	0.62
tblVehicleEF	OBUS	4.79	2.20
tblVehicleEF	OBUS	79.82	76.85
tblVehicleEF	OBUS	1,208.63	1,354.41
tblVehicleEF	OBUS	69.33	19.61
tblVehicleEF	OBUS	0.16	0.28
tblVehicleEF	OBUS	0.51	0.91
tblVehicleEF	OBUS	1.96	0.74
tblVehicleEF	OBUS	1.2000e-005	8.6697e-005
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.3250e-003	6.0792e-003
tblVehicleEF	OBUS	8.7700e-004	1.9850e-004
tblVehicleEF	OBUS	1.1000e-005	8.2947e-005
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.2060e-003	5.8002e-003
tblVehicleEF	OBUS	8.0600e-004	1.8251e-004
tblVehicleEF	OBUS	1.8810e-003	2.4024e-003

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.0260e-003	1.2829e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.31	0.11
tblVehicleEF	OBUS	7.7400e-004	7.3248e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.7700e-004	1.9409e-004
tblVehicleEF	OBUS	1.8810e-003	2.4024e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	1.0260e-003	1.2829e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.04	0.22
tblVehicleEF	OBUS	0.33	0.12
tblVehicleEF	OBUS	0.01	8.5929e-003
tblVehicleEF	OBUS	5.8450e-003	4.8362e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.25	0.56
tblVehicleEF	OBUS	0.43	0.60
tblVehicleEF	OBUS	5.09	2.34
tblVehicleEF	OBUS	71.43	78.88
tblVehicleEF	OBUS	1,208.63	1,354.38
tblVehicleEF	OBUS	69.33	19.85
tblVehicleEF	OBUS	0.15	0.31
tblVehicleEF	OBUS	0.54	0.96

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	OBUS	2.00	0.75
tblVehicleEF	OBUS	1.7000e-005	1.1258e-004
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.3250e-003	6.0792e-003
tblVehicleEF	OBUS	8.7700e-004	1.9850e-004
tblVehicleEF	OBUS	1.6000e-005	1.0771e-004
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	2.2060e-003	5.8002e-003
tblVehicleEF	OBUS	8.0600e-004	1.8251e-004
tblVehicleEF	OBUS	1.3790e-003	1.7846e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.4200e-004	9.4326e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.04	0.24
tblVehicleEF	OBUS	0.32	0.11
tblVehicleEF	OBUS	6.9400e-004	7.5167e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.8300e-004	1.9642e-004
tblVehicleEF	OBUS	1.3790e-003	1.7846e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.06
tblVehicleEF	OBUS	7.4200e-004	9.4326e-004
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.04	0.24

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	OBUS	0.35	0.13
tblVehicleEF	SBUS	0.84	0.08
tblVehicleEF	SBUS	0.02	9.9036e-003
tblVehicleEF	SBUS	0.08	7.9001e-003
tblVehicleEF	SBUS	8.38	3.16
tblVehicleEF	SBUS	1.03	0.90
tblVehicleEF	SBUS	8.97	1.09
tblVehicleEF	SBUS	1,100.64	359.03
tblVehicleEF	SBUS	1,073.61	1,094.78
tblVehicleEF	SBUS	56.82	6.39
tblVehicleEF	SBUS	8.42	3.59
tblVehicleEF	SBUS	3.91	5.50
tblVehicleEF	SBUS	11.93	0.68
tblVehicleEF	SBUS	8.0260e-003	5.0547e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.8700e-004	7.2110e-005
tblVehicleEF	SBUS	7.6790e-003	4.8360e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6630e-003	2.6315e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.0700e-004	6.6302e-005
tblVehicleEF	SBUS	3.3970e-003	1.1280e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.00	0.38
tblVehicleEF	SBUS	1.9330e-003	6.2414e-004

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	SBUS	0.11	0.12
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.47	0.05
tblVehicleEF	SBUS	0.01	3.4304e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	7.2400e-004	6.3230e-005
tblVehicleEF	SBUS	3.3970e-003	1.1280e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.44	0.54
tblVehicleEF	SBUS	1.9330e-003	6.2414e-004
tblVehicleEF	SBUS	0.14	0.14
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.52	0.05
tblVehicleEF	SBUS	0.84	0.08
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.07	7.0991e-003
tblVehicleEF	SBUS	8.27	3.12
tblVehicleEF	SBUS	1.04	0.91
tblVehicleEF	SBUS	7.41	0.90
tblVehicleEF	SBUS	1,149.38	368.93
tblVehicleEF	SBUS	1,073.61	1,094.80
tblVehicleEF	SBUS	56.82	6.07
tblVehicleEF	SBUS	8.69	3.69
tblVehicleEF	SBUS	3.69	5.19
tblVehicleEF	SBUS	11.90	0.68
tblVehicleEF	SBUS	6.7660e-003	4.2669e-003
tblVehicleEF	SBUS	0.74	0.74

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.8700e-004	7.2110e-005
tblVehicleEF	SBUS	6.4740e-003	4.0823e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6630e-003	2.6315e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.0700e-004	6.6302e-005
tblVehicleEF	SBUS	4.6630e-003	1.5458e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.00	0.38
tblVehicleEF	SBUS	2.6350e-003	8.4887e-004
tblVehicleEF	SBUS	0.11	0.12
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.42	0.04
tblVehicleEF	SBUS	0.01	3.5240e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.9700e-004	6.0101e-005
tblVehicleEF	SBUS	4.6630e-003	1.5458e-003
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	1.44	0.54
tblVehicleEF	SBUS	2.6350e-003	8.4887e-004
tblVehicleEF	SBUS	0.14	0.14
tblVehicleEF	SBUS	0.01	0.06
tblVehicleEF	SBUS	0.46	0.05
tblVehicleEF	SBUS	0.84	0.08
tblVehicleEF	SBUS	0.02	9.8706e-003

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	SBUS	0.08	8.0150e-003
tblVehicleEF	SBUS	8.52	3.21
tblVehicleEF	SBUS	1.02	0.89
tblVehicleEF	SBUS	9.12	1.11
tblVehicleEF	SBUS	1,033.33	345.35
tblVehicleEF	SBUS	1,073.61	1,094.77
tblVehicleEF	SBUS	56.82	6.42
tblVehicleEF	SBUS	8.05	3.46
tblVehicleEF	SBUS	3.84	5.41
tblVehicleEF	SBUS	11.94	0.68
tblVehicleEF	SBUS	9.7670e-003	6.1427e-003
tblVehicleEF	SBUS	0.74	0.74
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.8700e-004	7.2110e-005
tblVehicleEF	SBUS	9.3440e-003	5.8770e-003
tblVehicleEF	SBUS	0.32	0.32
tblVehicleEF	SBUS	2.6630e-003	2.6315e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	9.0700e-004	6.6302e-005
tblVehicleEF	SBUS	3.3440e-003	1.1181e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.00	0.38
tblVehicleEF	SBUS	1.8840e-003	6.0675e-004
tblVehicleEF	SBUS	0.11	0.12
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.48	0.05

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	SBUS	0.01	3.3012e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	7.2600e-004	6.3529e-005
tblVehicleEF	SBUS	3.3440e-003	1.1181e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.45	0.54
tblVehicleEF	SBUS	1.8840e-003	6.0675e-004
tblVehicleEF	SBUS	0.14	0.14
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.52	0.05
tblVehicleEF	UBUS	1.69	5.27
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	8.06	41.13
tblVehicleEF	UBUS	12.43	1.81
tblVehicleEF	UBUS	1,803.73	2,036.06
tblVehicleEF	UBUS	136.85	20.35
tblVehicleEF	UBUS	3.94	0.44
tblVehicleEF	UBUS	13.12	0.17
tblVehicleEF	UBUS	0.52	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.03	3.0694e-003
tblVehicleEF	UBUS	1.2820e-003	1.7020e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003
tblVehicleEF	UBUS	0.03	2.9232e-003
tblVehicleEF	UBUS	1.1780e-003	1.5649e-004
tblVehicleEF	UBUS	5.8750e-003	8.5879e-004

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	3.5880e-003	6.5275e-004
tblVehicleEF	UBUS	0.44	0.08
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	0.94	0.10
tblVehicleEF	UBUS	8.5770e-003	3.8203e-003
tblVehicleEF	UBUS	1.5920e-003	2.0134e-004
tblVehicleEF	UBUS	5.8750e-003	8.5879e-004
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	3.5880e-003	6.5275e-004
tblVehicleEF	UBUS	2.18	5.39
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	1.03	0.11
tblVehicleEF	UBUS	1.69	5.27
tblVehicleEF	UBUS	0.06	0.02
tblVehicleEF	UBUS	8.11	41.13
tblVehicleEF	UBUS	10.96	1.61
tblVehicleEF	UBUS	1,803.73	2,036.06
tblVehicleEF	UBUS	136.85	20.00
tblVehicleEF	UBUS	3.69	0.44
tblVehicleEF	UBUS	13.05	0.16
tblVehicleEF	UBUS	0.52	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.03	3.0694e-003
tblVehicleEF	UBUS	1.2820e-003	1.7020e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	UBUS	0.03	2.9232e-003
tblVehicleEF	UBUS	1.1780e-003	1.5649e-004
tblVehicleEF	UBUS	7.8850e-003	1.1874e-003
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	4.7730e-003	9.0804e-004
tblVehicleEF	UBUS	0.44	0.08
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	0.87	0.09
tblVehicleEF	UBUS	8.5780e-003	3.8204e-003
tblVehicleEF	UBUS	1.5670e-003	1.9788e-004
tblVehicleEF	UBUS	7.8850e-003	1.1874e-003
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	4.7730e-003	9.0804e-004
tblVehicleEF	UBUS	2.18	5.39
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	0.95	0.10
tblVehicleEF	UBUS	1.69	5.27
tblVehicleEF	UBUS	0.07	0.02
tblVehicleEF	UBUS	8.05	41.13
tblVehicleEF	UBUS	12.68	1.85
tblVehicleEF	UBUS	1,803.73	2,036.05
tblVehicleEF	UBUS	136.85	20.41
tblVehicleEF	UBUS	3.86	0.44
tblVehicleEF	UBUS	13.14	0.17
tblVehicleEF	UBUS	0.52	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.03	3.0694e-003

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleEF	UBUS	1.2820e-003	1.7020e-004
tblVehicleEF	UBUS	0.22	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5853e-003
tblVehicleEF	UBUS	0.03	2.9232e-003
tblVehicleEF	UBUS	1.1780e-003	1.5649e-004
tblVehicleEF	UBUS	6.5460e-003	8.7770e-004
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.7380e-003	6.3665e-004
tblVehicleEF	UBUS	0.43	0.08
tblVehicleEF	UBUS	0.04	0.08
tblVehicleEF	UBUS	0.95	0.10
tblVehicleEF	UBUS	8.5770e-003	3.8203e-003
tblVehicleEF	UBUS	1.5960e-003	2.0197e-004
tblVehicleEF	UBUS	6.5460e-003	8.7770e-004
tblVehicleEF	UBUS	0.11	0.01
tblVehicleEF	UBUS	3.7380e-003	6.3665e-004
tblVehicleEF	UBUS	2.17	5.39
tblVehicleEF	UBUS	0.04	0.08
tblVehicleEF	UBUS	1.04	0.11
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PB_TP	10.00	0.00
tblVehicleTrips	PR_TP	73.00	100.00
tblVehicleTrips	PR_TP	60.00	100.00
tblVehicleTrips	ST_TR	8.14	10.87
tblVehicleTrips	ST_TR	8.96	6.68

UCI - ICMC - Unmitigated Generators - Orange County, Annual

tblVehicleTrips	SU_TR	7.19	9.60
tblVehicleTrips	SU_TR	1.55	1.16
tblVehicleTrips	WD_TR	12.94	17.28
tblVehicleTrips	WD_TR	36.13	26.94

2.0 Emissions Summary

UCI - ICMC - Unmitigated Generators - Orange County, Annual

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.6779	6.5001	5.6022	0.0195	1.1389	0.1842	1.3231	0.3564	0.1724	0.5288	0.0000	1,816.482 2	1,816.482 2	0.1828	0.0000	1,821.051 2
2022	1.0362	9.4285	9.1688	0.0332	1.7738	0.2292	2.0030	0.4792	0.2156	0.6948	0.0000	3,091.949 5	3,091.949 5	0.2740	0.0000	3,098.800 5
2023	3.6335	5.5709	6.5682	0.0232	1.2813	0.1485	1.4298	0.3457	0.1398	0.4854	0.0000	2,148.666 0	2,148.666 0	0.1926	0.0000	2,153.481 8
Maximum	3.6335	9.4285	9.1688	0.0332	1.7738	0.2292	2.0030	0.4792	0.2156	0.6948	0.0000	3,091.949 5	3,091.949 5	0.2740	0.0000	3,098.800 5

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.6779	6.5001	5.6022	0.0195	0.9501	0.1842	1.1343	0.2775	0.1724	0.4499	0.0000	1,816.481 7	1,816.481 7	0.1828	0.0000	1,821.050 7
2022	1.0362	9.4285	9.1688	0.0332	1.6404	0.2292	1.8696	0.4464	0.2156	0.6621	0.0000	3,091.948 8	3,091.948 8	0.2740	0.0000	3,098.799 8
2023	3.6335	5.5709	6.5682	0.0232	1.1846	0.1485	1.3331	0.3220	0.1398	0.4617	0.0000	2,148.665 4	2,148.665 4	0.1926	0.0000	2,153.481 2
Maximum	3.6335	9.4285	9.1688	0.0332	1.6404	0.2292	1.8696	0.4464	0.2156	0.6621	0.0000	3,091.948 8	3,091.948 8	0.2740	0.0000	3,098.799 8

UCI - ICMC - Unmitigated Generators - Orange County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	9.99	0.00	8.81	11.46	0.00	7.92	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	4-5-2021	7-4-2021	1.4674	1.4674
2	7-5-2021	10-4-2021	2.8364	2.8364
3	10-5-2021	1-4-2022	2.8472	2.8472
4	1-5-2022	4-4-2022	2.5770	2.5770
5	4-5-2022	7-4-2022	2.5873	2.5873
6	7-5-2022	10-4-2022	2.6166	2.6166
7	10-5-2022	1-4-2023	2.6336	2.6336
8	1-5-2023	4-4-2023	3.0881	3.0881
9	4-5-2023	7-4-2023	3.0340	3.0340
10	7-5-2023	9-30-2023	2.1684	2.1684
		Highest	3.0881	3.0881

UCI - ICMC - Unmitigated Generators - Orange County, Annual

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.3112	2.0000e-004	0.0218	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0423	0.0423	1.1000e-004	0.0000	0.0451
Energy	0.1279	1.1626	0.9766	6.9800e-003		0.0884	0.0884		0.0884	0.0884	0.0000	3,662.9169	3,662.9169	0.1551	0.0503	3,681.7739
Mobile	2.6866	5.2388	31.7819	0.1036	10.7273	0.0704	10.7977	2.8695	0.0656	2.9351	0.0000	9,689.2897	9,689.2897	0.5471	0.0000	9,702.9659
Stationary	0.9694	4.0081	3.9743	0.0149		0.2641	0.2641		0.2641	0.2641	0.0000	2,352.0156	2,352.0156	0.0940	0.0000	2,354.3656
Waste						0.0000	0.0000		0.0000	0.0000	578.6217	0.0000	578.6217	34.1956	0.0000	1,433.5107
Water						0.0000	0.0000		0.0000	0.0000	13.0602	150.2128	163.2730	1.3496	0.0334	206.9571
Total	6.0950	10.4097	36.7545	0.1255	10.7273	0.4230	11.1503	2.8695	0.4181	3.2876	591.6818	15,854.4773	16,446.1591	36.3414	0.0836	17,379.6183

UCI - ICMC - Unmitigated Generators - Orange County, Annual

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.3112	2.0000e-004	0.0218	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0423	0.0423	1.1000e-004	0.0000	0.0451
Energy	0.0730	0.6640	0.5578	3.9800e-003		0.0505	0.0505		0.0505	0.0505	0.0000	2,688.2269	2,688.2269	0.1211	0.0354	2,701.8161
Mobile	2.6137	4.8188	29.2238	0.0935	9.6546	0.0639	9.7184	2.5825	0.0595	2.6420	0.0000	8,738.8808	8,738.8808	0.5048	0.0000	8,751.4999
Stationary	0.9694	4.0081	3.9743	0.0149		0.2641	0.2641		0.2641	0.2641	0.0000	2,352.0156	2,352.0156	0.0940	0.0000	2,354.3656
Waste						0.0000	0.0000		0.0000	0.0000	289.3108	0.0000	289.3108	17.0978	0.0000	716.7554
Water						0.0000	0.0000		0.0000	0.0000	10.4481	123.0892	133.5374	1.0798	0.0267	168.4984
Total	5.9673	9.4911	33.7775	0.1124	9.6546	0.3785	10.0331	2.5825	0.3741	2.9567	299.7590	13,902.2548	14,202.0137	18.8976	0.0622	14,692.9805

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	2.10	8.82	8.10	10.49	10.00	10.51	10.02	10.00	10.53	10.07	49.34	12.31	13.65	48.00	25.67	15.46

3.0 Construction Detail

Construction Phase

UCI - ICMC - Unmitigated Generators - Orange County, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition phase A	Demolition	4/5/2021	4/30/2021	5	20	
2	Site Preparation phase A	Site Preparation	5/1/2021	5/14/2021	5	10	
3	Grading phase A	Grading	5/15/2021	6/25/2021	5	30	
4	Building Construction Phase B	Building Construction	6/28/2021	6/30/2023	5	525	
5	Building Construction Phase C	Building Construction	6/28/2021	10/31/2023	5	612	
6	Paving Phase B	Paving	1/1/2023	1/31/2023	5	22	
7	Architectural Coating Phase B	Architectural Coating	2/1/2023	5/31/2023	5	86	
8	Paving Phase C	Paving	6/1/2023	6/30/2023	5	22	
9	Architectural Coating Phase C	Architectural Coating	7/1/2023	10/31/2023	5	87	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 7.3

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 877,500; Non-Residential Outdoor: 292,500; Striped Parking Area: 45,592 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition phase A	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition phase A	Excavators	3	8.00	158	0.38
Demolition phase A	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation phase A	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation phase A	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading phase A	Excavators	1	8.00	158	0.38
Grading phase A	Graders	1	8.00	187	0.41

UCI - ICMC - Unmitigated Generators - Orange County, Annual

Grading phase A	Rubber Tired Dozers	1	8.00	247	0.40
Grading phase A	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction Phase B	Cranes	1	7.00	231	0.29
Building Construction Phase B	Forklifts	3	8.00	89	0.20
Building Construction Phase B	Generator Sets	1	8.00	84	0.74
Building Construction Phase B	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction Phase B	Welders	1	8.00	46	0.45
Building Construction Phase C	Cranes	1	7.00	231	0.29
Building Construction Phase C	Forklifts	3	8.00	89	0.20
Building Construction Phase C	Generator Sets	1	8.00	84	0.74
Building Construction Phase C	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction Phase C	Welders	1	8.00	46	0.45
Paving Phase B	Pavers	2	8.00	130	0.42
Paving Phase B	Paving Equipment	2	8.00	132	0.36
Paving Phase B	Rollers	2	8.00	80	0.38
Architectural Coating Phase B	Air Compressors	1	6.00	78	0.48
Paving Phase C	Pavers	2	8.00	130	0.42
Paving Phase C	Paving Equipment	2	8.00	132	0.36
Paving Phase C	Rollers	2	8.00	80	0.38
Architectural Coating Phase C	Air Compressors	1	6.00	78	0.48

Trips and VMT

UCI - ICMC - Unmitigated Generators - Orange County, Annual

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition phase A	6	15.00	0.00	32.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation phase A	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading phase A	6	15.00	0.00	2,268.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Phase B	9	497.00	217.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Phase C	9	497.00	217.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving Phase B	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating Phase B	1	99.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving Phase C	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating Phase C	1	99.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

UCI - ICMC - Unmitigated Generators - Orange County, Annual

3.2 Demolition phase A - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.4500e-003	0.0000	3.4500e-003	5.2000e-004	0.0000	5.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0317	0.3144	0.2157	3.9000e-004		0.0155	0.0155		0.0144	0.0144	0.0000	34.0008	34.0008	9.5700e-003	0.0000	34.2400
Total	0.0317	0.3144	0.2157	3.9000e-004	3.4500e-003	0.0155	0.0190	5.2000e-004	0.0144	0.0149	0.0000	34.0008	34.0008	9.5700e-003	0.0000	34.2400

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.2000e-004	4.1900e-003	1.1400e-003	1.0000e-005	2.7000e-004	1.0000e-005	2.9000e-004	8.0000e-005	1.0000e-005	9.0000e-005	0.0000	1.2153	1.2153	1.3000e-004	0.0000	1.2185
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.5000e-004	3.7000e-004	4.3100e-003	2.0000e-005	1.6500e-003	1.0000e-005	1.6600e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.3758	1.3758	3.0000e-005	0.0000	1.3765
Total	6.7000e-004	4.5600e-003	5.4500e-003	3.0000e-005	1.9200e-003	2.0000e-005	1.9500e-003	5.2000e-004	2.0000e-005	5.4000e-004	0.0000	2.5911	2.5911	1.6000e-004	0.0000	2.5950

UCI - ICMC - Unmitigated Generators - Orange County, Annual

3.2 Demolition phase A - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3400e-003	0.0000	1.3400e-003	2.0000e-004	0.0000	2.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0317	0.3144	0.2157	3.9000e-004		0.0155	0.0155		0.0144	0.0144	0.0000	34.0007	34.0007	9.5700e-003	0.0000	34.2400
Total	0.0317	0.3144	0.2157	3.9000e-004	1.3400e-003	0.0155	0.0169	2.0000e-004	0.0144	0.0146	0.0000	34.0007	34.0007	9.5700e-003	0.0000	34.2400

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.2000e-004	4.1900e-003	1.1400e-003	1.0000e-005	2.6000e-004	1.0000e-005	2.7000e-004	7.0000e-005	1.0000e-005	8.0000e-005	0.0000	1.2153	1.2153	1.3000e-004	0.0000	1.2185
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.5000e-004	3.7000e-004	4.3100e-003	2.0000e-005	1.5200e-003	1.0000e-005	1.5300e-003	4.1000e-004	1.0000e-005	4.2000e-004	0.0000	1.3758	1.3758	3.0000e-005	0.0000	1.3765
Total	6.7000e-004	4.5600e-003	5.4500e-003	3.0000e-005	1.7800e-003	2.0000e-005	1.8000e-003	4.8000e-004	2.0000e-005	5.0000e-004	0.0000	2.5911	2.5911	1.6000e-004	0.0000	2.5950

UCI - ICMC - Unmitigated Generators - Orange County, Annual

3.3 Site Preparation phase A - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0194	0.2025	0.1058	1.9000e-004		0.0102	0.0102		9.4000e-003	9.4000e-003	0.0000	16.7179	16.7179	5.4100e-003	0.0000	16.8530
Total	0.0194	0.2025	0.1058	1.9000e-004	0.0903	0.0102	0.1006	0.0497	9.4000e-003	0.0591	0.0000	16.7179	16.7179	5.4100e-003	0.0000	16.8530

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3000e-004	2.2000e-004	2.5900e-003	1.0000e-005	9.9000e-004	1.0000e-005	9.9000e-004	2.6000e-004	1.0000e-005	2.7000e-004	0.0000	0.8255	0.8255	2.0000e-005	0.0000	0.8259
Total	3.3000e-004	2.2000e-004	2.5900e-003	1.0000e-005	9.9000e-004	1.0000e-005	9.9000e-004	2.6000e-004	1.0000e-005	2.7000e-004	0.0000	0.8255	0.8255	2.0000e-005	0.0000	0.8259

UCI - ICMC - Unmitigated Generators - Orange County, Annual

3.3 Site Preparation phase A - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0352	0.0000	0.0352	0.0194	0.0000	0.0194	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0194	0.2025	0.1058	1.9000e-004		0.0102	0.0102		9.4000e-003	9.4000e-003	0.0000	16.7178	16.7178	5.4100e-003	0.0000	16.8530
Total	0.0194	0.2025	0.1058	1.9000e-004	0.0352	0.0102	0.0455	0.0194	9.4000e-003	0.0288	0.0000	16.7178	16.7178	5.4100e-003	0.0000	16.8530

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3000e-004	2.2000e-004	2.5900e-003	1.0000e-005	9.1000e-004	1.0000e-005	9.2000e-004	2.4000e-004	1.0000e-005	2.5000e-004	0.0000	0.8255	0.8255	2.0000e-005	0.0000	0.8259
Total	3.3000e-004	2.2000e-004	2.5900e-003	1.0000e-005	9.1000e-004	1.0000e-005	9.2000e-004	2.4000e-004	1.0000e-005	2.5000e-004	0.0000	0.8255	0.8255	2.0000e-005	0.0000	0.8259

UCI - ICMC - Unmitigated Generators - Orange County, Annual

3.4 Grading phase A - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0993	0.0000	0.0993	0.0507	0.0000	0.0507	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0344	0.3711	0.2379	4.4000e-004		0.0174	0.0174		0.0160	0.0160	0.0000	39.0806	39.0806	0.0126	0.0000	39.3965
Total	0.0344	0.3711	0.2379	4.4000e-004	0.0993	0.0174	0.1167	0.0507	0.0160	0.0667	0.0000	39.0806	39.0806	0.0126	0.0000	39.3965

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.2500e-003	0.2973	0.0809	8.5000e-004	0.0194	9.1000e-004	0.0204	5.3300e-003	8.7000e-004	6.2000e-003	0.0000	86.1325	86.1325	9.0700e-003	0.0000	86.3593
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.2000e-004	5.5000e-004	6.4600e-003	2.0000e-005	2.4700e-003	2.0000e-005	2.4900e-003	6.6000e-004	1.0000e-005	6.7000e-004	0.0000	2.0637	2.0637	4.0000e-005	0.0000	2.0648
Total	9.0700e-003	0.2978	0.0874	8.7000e-004	0.0219	9.3000e-004	0.0228	5.9900e-003	8.8000e-004	6.8700e-003	0.0000	88.1961	88.1961	9.1100e-003	0.0000	88.4241

UCI - ICMC - Unmitigated Generators - Orange County, Annual

3.4 Grading phase A - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0387	0.0000	0.0387	0.0198	0.0000	0.0198	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0344	0.3711	0.2379	4.4000e-004		0.0174	0.0174		0.0160	0.0160	0.0000	39.0805	39.0805	0.0126	0.0000	39.3965
Total	0.0344	0.3711	0.2379	4.4000e-004	0.0387	0.0174	0.0561	0.0198	0.0160	0.0358	0.0000	39.0805	39.0805	0.0126	0.0000	39.3965

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.2500e-003	0.2973	0.0809	8.5000e-004	0.0181	9.1000e-004	0.0190	5.0000e-003	8.7000e-004	5.8800e-003	0.0000	86.1325	86.1325	9.0700e-003	0.0000	86.3593
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.2000e-004	5.5000e-004	6.4600e-003	2.0000e-005	2.2800e-003	2.0000e-005	2.2900e-003	6.1000e-004	1.0000e-005	6.2000e-004	0.0000	2.0637	2.0637	4.0000e-005	0.0000	2.0648
Total	9.0700e-003	0.2978	0.0874	8.7000e-004	0.0204	9.3000e-004	0.0213	5.6100e-003	8.8000e-004	6.5000e-003	0.0000	88.1961	88.1961	9.1100e-003	0.0000	88.4241

UCI - ICMC - Unmitigated Generators - Orange County, Annual

3.5 Building Construction Phase B - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1283	1.1767	1.1188	1.8200e-003		0.0647	0.0647		0.0608	0.0608	0.0000	156.3552	156.3552	0.0377	0.0000	157.2982
Total	0.1283	1.1767	1.1188	1.8200e-003		0.0647	0.0647		0.0608	0.0608	0.0000	156.3552	156.3552	0.0377	0.0000	157.2982

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0399	1.3955	0.3912	3.5800e-003	0.0922	2.9000e-003	0.0951	0.0266	2.7700e-003	0.0294	0.0000	353.4859	353.4859	0.0286	0.0000	354.2012
Worker	0.1229	0.0826	0.9637	3.4000e-003	0.3683	2.4300e-003	0.3707	0.0978	2.2300e-003	0.1000	0.0000	307.6941	307.6941	6.5900e-003	0.0000	307.8589
Total	0.1629	1.4781	1.3549	6.9800e-003	0.4605	5.3300e-003	0.4658	0.1244	5.0000e-003	0.1294	0.0000	661.1800	661.1800	0.0352	0.0000	662.0601

UCI - ICMC - Unmitigated Generators - Orange County, Annual

3.5 Building Construction Phase B - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1283	1.1767	1.1188	1.8200e-003		0.0647	0.0647		0.0608	0.0608	0.0000	156.3550	156.3550	0.0377	0.0000	157.2980
Total	0.1283	1.1767	1.1188	1.8200e-003		0.0647	0.0647		0.0608	0.0608	0.0000	156.3550	156.3550	0.0377	0.0000	157.2980

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0399	1.3955	0.3912	3.5800e-003	0.0863	2.9000e-003	0.0892	0.0252	2.7700e-003	0.0279	0.0000	353.4859	353.4859	0.0286	0.0000	354.2012
Worker	0.1229	0.0826	0.9637	3.4000e-003	0.3396	2.4300e-003	0.3420	0.0908	2.2300e-003	0.0930	0.0000	307.6941	307.6941	6.5900e-003	0.0000	307.8589
Total	0.1629	1.4781	1.3549	6.9800e-003	0.4259	5.3300e-003	0.4312	0.1159	5.0000e-003	0.1209	0.0000	661.1800	661.1800	0.0352	0.0000	662.0601

UCI - ICMC - Unmitigated Generators - Orange County, Annual

3.5 Building Construction Phase B - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2428	301.2428	0.0722	0.0000	303.0471
Total	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2428	301.2428	0.0722	0.0000	303.0471

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0723	2.5400	0.7269	6.8100e-003	0.1776	4.8600e-003	0.1825	0.0512	4.6500e-003	0.0559	0.0000	674.0749	674.0749	0.0533	0.0000	675.4082
Worker	0.2240	0.1442	1.7303	6.3100e-003	0.7093	4.5800e-003	0.7139	0.1884	4.2200e-003	0.1926	0.0000	570.6571	570.6571	0.0115	0.0000	570.9450
Total	0.2963	2.6842	2.4571	0.0131	0.8869	9.4400e-003	0.8963	0.2396	8.8700e-003	0.2484	0.0000	1,244.7319	1,244.7319	0.0649	0.0000	1,246.3532

UCI - ICMC - Unmitigated Generators - Orange County, Annual

3.5 Building Construction Phase B - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2425	301.2425	0.0722	0.0000	303.0467
Total	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2425	301.2425	0.0722	0.0000	303.0467

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0723	2.5400	0.7269	6.8100e-003	0.1662	4.8600e-003	0.1711	0.0484	4.6500e-003	0.0531	0.0000	674.0749	674.0749	0.0533	0.0000	675.4082
Worker	0.2240	0.1442	1.7303	6.3100e-003	0.6539	4.5800e-003	0.6585	0.1748	4.2200e-003	0.1790	0.0000	570.6571	570.6571	0.0115	0.0000	570.9450
Total	0.2963	2.6842	2.4571	0.0131	0.8202	9.4400e-003	0.8296	0.2232	8.8700e-003	0.2321	0.0000	1,244.7319	1,244.7319	0.0649	0.0000	1,246.3532

UCI - ICMC - Unmitigated Generators - Orange County, Annual

3.5 Building Construction Phase B - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1022	0.9350	1.0559	1.7500e-003		0.0455	0.0455		0.0428	0.0428	0.0000	150.6731	150.6731	0.0358	0.0000	151.5692
Total	0.1022	0.9350	1.0559	1.7500e-003		0.0455	0.0455		0.0428	0.0428	0.0000	150.6731	150.6731	0.0358	0.0000	151.5692

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0275	0.9537	0.3370	3.2900e-003	0.0888	1.1700e-003	0.0900	0.0256	1.1200e-003	0.0267	0.0000	326.8551	326.8551	0.0247	0.0000	327.4734
Worker	0.1062	0.0655	0.8058	3.0300e-003	0.3546	2.2500e-003	0.3569	0.0942	2.0700e-003	0.0963	0.0000	274.3693	274.3693	5.2200e-003	0.0000	274.4998
Total	0.1337	1.0191	1.1429	6.3200e-003	0.4434	3.4200e-003	0.4469	0.1198	3.1900e-003	0.1230	0.0000	601.2244	601.2244	0.0300	0.0000	601.9732

UCI - ICMC - Unmitigated Generators - Orange County, Annual

3.5 Building Construction Phase B - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1022	0.9350	1.0559	1.7500e-003		0.0455	0.0455		0.0428	0.0428	0.0000	150.6729	150.6729	0.0358	0.0000	151.5690
Total	0.1022	0.9350	1.0559	1.7500e-003		0.0455	0.0455		0.0428	0.0428	0.0000	150.6729	150.6729	0.0358	0.0000	151.5690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0275	0.9537	0.3370	3.2900e-003	0.0831	1.1700e-003	0.0843	0.0242	1.1200e-003	0.0253	0.0000	326.8551	326.8551	0.0247	0.0000	327.4734
Worker	0.1062	0.0655	0.8058	3.0300e-003	0.3270	2.2500e-003	0.3292	0.0874	2.0700e-003	0.0895	0.0000	274.3693	274.3693	5.2200e-003	0.0000	274.4998
Total	0.1337	1.0191	1.1429	6.3200e-003	0.4101	3.4200e-003	0.4135	0.1116	3.1900e-003	0.1148	0.0000	601.2244	601.2244	0.0300	0.0000	601.9732

UCI - ICMC - Unmitigated Generators - Orange County, Annual

3.6 Building Construction Phase C - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1283	1.1767	1.1188	1.8200e-003		0.0647	0.0647		0.0608	0.0608	0.0000	156.3552	156.3552	0.0377	0.0000	157.2982
Total	0.1283	1.1767	1.1188	1.8200e-003		0.0647	0.0647		0.0608	0.0608	0.0000	156.3552	156.3552	0.0377	0.0000	157.2982

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0399	1.3955	0.3912	3.5800e-003	0.0922	2.9000e-003	0.0951	0.0266	2.7700e-003	0.0294	0.0000	353.4859	353.4859	0.0286	0.0000	354.2012
Worker	0.1229	0.0826	0.9637	3.4000e-003	0.3683	2.4300e-003	0.3707	0.0978	2.2300e-003	0.1000	0.0000	307.6941	307.6941	6.5900e-003	0.0000	307.8589
Total	0.1629	1.4781	1.3549	6.9800e-003	0.4605	5.3300e-003	0.4658	0.1244	5.0000e-003	0.1294	0.0000	661.1800	661.1800	0.0352	0.0000	662.0601

UCI - ICMC - Unmitigated Generators - Orange County, Annual

3.6 Building Construction Phase C - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1283	1.1767	1.1188	1.8200e-003		0.0647	0.0647		0.0608	0.0608	0.0000	156.3550	156.3550	0.0377	0.0000	157.2980
Total	0.1283	1.1767	1.1188	1.8200e-003		0.0647	0.0647		0.0608	0.0608	0.0000	156.3550	156.3550	0.0377	0.0000	157.2980

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0399	1.3955	0.3912	3.5800e-003	0.0863	2.9000e-003	0.0892	0.0252	2.7700e-003	0.0279	0.0000	353.4859	353.4859	0.0286	0.0000	354.2012
Worker	0.1229	0.0826	0.9637	3.4000e-003	0.3396	2.4300e-003	0.3420	0.0908	2.2300e-003	0.0930	0.0000	307.6941	307.6941	6.5900e-003	0.0000	307.8589
Total	0.1629	1.4781	1.3549	6.9800e-003	0.4259	5.3300e-003	0.4312	0.1159	5.0000e-003	0.1209	0.0000	661.1800	661.1800	0.0352	0.0000	662.0601

UCI - ICMC - Unmitigated Generators - Orange County, Annual

3.6 Building Construction Phase C - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2428	301.2428	0.0722	0.0000	303.0471
Total	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2428	301.2428	0.0722	0.0000	303.0471

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0723	2.5400	0.7269	6.8100e-003	0.1776	4.8600e-003	0.1825	0.0512	4.6500e-003	0.0559	0.0000	674.0749	674.0749	0.0533	0.0000	675.4082
Worker	0.2240	0.1442	1.7303	6.3100e-003	0.7093	4.5800e-003	0.7139	0.1884	4.2200e-003	0.1926	0.0000	570.6571	570.6571	0.0115	0.0000	570.9450
Total	0.2963	2.6842	2.4571	0.0131	0.8869	9.4400e-003	0.8963	0.2396	8.8700e-003	0.2484	0.0000	1,244.7319	1,244.7319	0.0649	0.0000	1,246.3532

UCI - ICMC - Unmitigated Generators - Orange County, Annual

3.6 Building Construction Phase C - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2425	301.2425	0.0722	0.0000	303.0467
Total	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2425	301.2425	0.0722	0.0000	303.0467

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0723	2.5400	0.7269	6.8100e-003	0.1662	4.8600e-003	0.1711	0.0484	4.6500e-003	0.0531	0.0000	674.0749	674.0749	0.0533	0.0000	675.4082
Worker	0.2240	0.1442	1.7303	6.3100e-003	0.6539	4.5800e-003	0.6585	0.1748	4.2200e-003	0.1790	0.0000	570.6571	570.6571	0.0115	0.0000	570.9450
Total	0.2963	2.6842	2.4571	0.0131	0.8202	9.4400e-003	0.8296	0.2232	8.8700e-003	0.2321	0.0000	1,244.7319	1,244.7319	0.0649	0.0000	1,246.3532

UCI - ICMC - Unmitigated Generators - Orange County, Annual

3.6 Building Construction Phase C - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1706	1.5608	1.7625	2.9200e-003		0.0759	0.0759		0.0714	0.0714	0.0000	251.5082	251.5082	0.0598	0.0000	253.0039
Total	0.1706	1.5608	1.7625	2.9200e-003		0.0759	0.0759		0.0714	0.0714	0.0000	251.5082	251.5082	0.0598	0.0000	253.0039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0460	1.5919	0.5626	5.5000e-003	0.1482	1.9500e-003	0.1502	0.0427	1.8600e-003	0.0446	0.0000	545.5966	545.5966	0.0413	0.0000	546.6287
Worker	0.1773	0.1092	1.3451	5.0600e-003	0.5920	3.7600e-003	0.5957	0.1572	3.4600e-003	0.1607	0.0000	457.9857	457.9857	8.7100e-003	0.0000	458.2035
Total	0.2232	1.7011	1.9077	0.0106	0.7402	5.7100e-003	0.7459	0.2000	5.3200e-003	0.2053	0.0000	1,003.5823	1,003.5823	0.0500	0.0000	1,004.8322

UCI - ICMC - Unmitigated Generators - Orange County, Annual

3.6 Building Construction Phase C - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1706	1.5608	1.7625	2.9200e-003		0.0759	0.0759		0.0714	0.0714	0.0000	251.5079	251.5079	0.0598	0.0000	253.0036
Total	0.1706	1.5608	1.7625	2.9200e-003		0.0759	0.0759		0.0714	0.0714	0.0000	251.5079	251.5079	0.0598	0.0000	253.0036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0460	1.5919	0.5626	5.5000e-003	0.1388	1.9500e-003	0.1407	0.0404	1.8600e-003	0.0423	0.0000	545.5966	545.5966	0.0413	0.0000	546.6287
Worker	0.1773	0.1092	1.3451	5.0600e-003	0.5458	3.7600e-003	0.5496	0.1459	3.4600e-003	0.1493	0.0000	457.9857	457.9857	8.7100e-003	0.0000	458.2035
Total	0.2232	1.7011	1.9077	0.0106	0.6845	5.7100e-003	0.6902	0.1863	5.3200e-003	0.1916	0.0000	1,003.5823	1,003.5823	0.0500	0.0000	1,004.8322

UCI - ICMC - Unmitigated Generators - Orange County, Annual

3.7 Paving Phase B - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0296	22.0296	7.1200e-003	0.0000	22.2077
Paving	6.1600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0175	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0296	22.0296	7.1200e-003	0.0000	22.2077

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4000e-004	3.3000e-004	4.1200e-003	2.0000e-005	1.8100e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.4014	1.4014	3.0000e-005	0.0000	1.4020
Total	5.4000e-004	3.3000e-004	4.1200e-003	2.0000e-005	1.8100e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.4014	1.4014	3.0000e-005	0.0000	1.4020

UCI - ICMC - Unmitigated Generators - Orange County, Annual

3.7 Paving Phase B - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0295	22.0295	7.1200e-003	0.0000	22.2077
Paving	6.1600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0175	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0295	22.0295	7.1200e-003	0.0000	22.2077

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4000e-004	3.3000e-004	4.1200e-003	2.0000e-005	1.6700e-003	1.0000e-005	1.6800e-003	4.5000e-004	1.0000e-005	4.6000e-004	0.0000	1.4014	1.4014	3.0000e-005	0.0000	1.4020
Total	5.4000e-004	3.3000e-004	4.1200e-003	2.0000e-005	1.6700e-003	1.0000e-005	1.6800e-003	4.5000e-004	1.0000e-005	4.6000e-004	0.0000	1.4014	1.4014	3.0000e-005	0.0000	1.4020

UCI - ICMC - Unmitigated Generators - Orange County, Annual

3.8 Architectural Coating Phase B - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.4614					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.2400e-003	0.0560	0.0779	1.3000e-004		3.0500e-003	3.0500e-003		3.0500e-003	3.0500e-003	0.0000	10.9790	10.9790	6.6000e-004	0.0000	10.9954
Total	1.4696	0.0560	0.0779	1.3000e-004		3.0500e-003	3.0500e-003		3.0500e-003	3.0500e-003	0.0000	10.9790	10.9790	6.6000e-004	0.0000	10.9954

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0140	8.6200e-003	0.1062	4.0000e-004	0.0467	3.0000e-004	0.0470	0.0124	2.7000e-004	0.0127	0.0000	36.1551	36.1551	6.9000e-004	0.0000	36.1723
Total	0.0140	8.6200e-003	0.1062	4.0000e-004	0.0467	3.0000e-004	0.0470	0.0124	2.7000e-004	0.0127	0.0000	36.1551	36.1551	6.9000e-004	0.0000	36.1723

UCI - ICMC - Unmitigated Generators - Orange County, Annual

3.8 Architectural Coating Phase B - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.4614					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.2400e-003	0.0560	0.0779	1.3000e-004		3.0500e-003	3.0500e-003		3.0500e-003	3.0500e-003	0.0000	10.9790	10.9790	6.6000e-004	0.0000	10.9954
Total	1.4696	0.0560	0.0779	1.3000e-004		3.0500e-003	3.0500e-003		3.0500e-003	3.0500e-003	0.0000	10.9790	10.9790	6.6000e-004	0.0000	10.9954

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0140	8.6200e-003	0.1062	4.0000e-004	0.0431	3.0000e-004	0.0434	0.0115	2.7000e-004	0.0118	0.0000	36.1551	36.1551	6.9000e-004	0.0000	36.1723
Total	0.0140	8.6200e-003	0.1062	4.0000e-004	0.0431	3.0000e-004	0.0434	0.0115	2.7000e-004	0.0118	0.0000	36.1551	36.1551	6.9000e-004	0.0000	36.1723

UCI - ICMC - Unmitigated Generators - Orange County, Annual

3.9 Paving Phase C - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0296	22.0296	7.1200e-003	0.0000	22.2077
Paving	6.1600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0175	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0296	22.0296	7.1200e-003	0.0000	22.2077

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4000e-004	3.3000e-004	4.1200e-003	2.0000e-005	1.8100e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.4014	1.4014	3.0000e-005	0.0000	1.4020
Total	5.4000e-004	3.3000e-004	4.1200e-003	2.0000e-005	1.8100e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.4014	1.4014	3.0000e-005	0.0000	1.4020

UCI - ICMC - Unmitigated Generators - Orange County, Annual

3.9 Paving Phase C - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0295	22.0295	7.1200e-003	0.0000	22.2077
Paving	6.1600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0175	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0295	22.0295	7.1200e-003	0.0000	22.2077

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4000e-004	3.3000e-004	4.1200e-003	2.0000e-005	1.6700e-003	1.0000e-005	1.6800e-003	4.5000e-004	1.0000e-005	4.6000e-004	0.0000	1.4014	1.4014	3.0000e-005	0.0000	1.4020
Total	5.4000e-004	3.3000e-004	4.1200e-003	2.0000e-005	1.6700e-003	1.0000e-005	1.6800e-003	4.5000e-004	1.0000e-005	4.6000e-004	0.0000	1.4014	1.4014	3.0000e-005	0.0000	1.4020

UCI - ICMC - Unmitigated Generators - Orange County, Annual

3.10 Architectural Coating Phase C - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.4614					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.3400e-003	0.0567	0.0788	1.3000e-004		3.0800e-003	3.0800e-003		3.0800e-003	3.0800e-003	0.0000	11.1067	11.1067	6.6000e-004	0.0000	11.1233
Total	1.4697	0.0567	0.0788	1.3000e-004		3.0800e-003	3.0800e-003		3.0800e-003	3.0800e-003	0.0000	11.1067	11.1067	6.6000e-004	0.0000	11.1233

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0142	8.7200e-003	0.1074	4.0000e-004	0.0473	3.0000e-004	0.0476	0.0126	2.8000e-004	0.0128	0.0000	36.5755	36.5755	7.0000e-004	0.0000	36.5929
Total	0.0142	8.7200e-003	0.1074	4.0000e-004	0.0473	3.0000e-004	0.0476	0.0126	2.8000e-004	0.0128	0.0000	36.5755	36.5755	7.0000e-004	0.0000	36.5929

UCI - ICMC - Unmitigated Generators - Orange County, Annual

3.10 Architectural Coating Phase C - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.4614					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.3400e-003	0.0567	0.0788	1.3000e-004		3.0800e-003	3.0800e-003		3.0800e-003	3.0800e-003	0.0000	11.1066	11.1066	6.6000e-004	0.0000	11.1233
Total	1.4697	0.0567	0.0788	1.3000e-004		3.0800e-003	3.0800e-003		3.0800e-003	3.0800e-003	0.0000	11.1066	11.1066	6.6000e-004	0.0000	11.1233

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0142	8.7200e-003	0.1074	4.0000e-004	0.0436	3.0000e-004	0.0439	0.0117	2.8000e-004	0.0119	0.0000	36.5755	36.5755	7.0000e-004	0.0000	36.5929
Total	0.0142	8.7200e-003	0.1074	4.0000e-004	0.0436	3.0000e-004	0.0439	0.0117	2.8000e-004	0.0119	0.0000	36.5755	36.5755	7.0000e-004	0.0000	36.5929

4.0 Operational Detail - Mobile

UCI - ICMC - Unmitigated Generators - Orange County, Annual

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2.6137	4.8188	29.2238	0.0935	9.6546	0.0639	9.7184	2.5825	0.0595	2.6420	0.0000	8,738.8808	8,738.8808	0.5048	0.0000	8,751.4999
Unmitigated	2.6866	5.2388	31.7819	0.1036	10.7273	0.0704	10.7977	2.8695	0.0656	2.9351	0.0000	9,689.2897	9,689.2897	0.5471	0.0000	9,702.9659

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Hospital	2,488.32	1,565.28	1382.40	10,752,699	9,677,429
Medical Office Building	6,061.50	1,503.00	261.00	17,581,417	15,823,275
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unenclosed Parking with Elevator	0.00	0.00	0.00		
Unenclosed Parking with Elevator	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	8,549.82	3,068.28	1,643.40	28,334,116	25,500,704

4.3 Trip Type Information

UCI - ICMC - Unmitigated Generators - Orange County, Annual

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Hospital	16.60	8.40	6.90	64.90	16.10	19.00	100	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	100	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unenclosed Parking with	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unenclosed Parking with	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Hospital	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Medical Office Building	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Other Non-Asphalt Surfaces	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Parking Lot	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Unenclosed Parking with Elevator	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904
Other Asphalt Surfaces	0.563406	0.043070	0.209298	0.109958	0.015015	0.005784	0.026182	0.017546	0.001775	0.001524	0.004941	0.000598	0.000904

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

UCI - ICMC - Unmitigated Generators - Orange County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated							0.0000	0.0000		0.0000	0.0000	1,965.3541	1,965.3541	0.1073	0.0222	1,974.6476
Electricity Unmitigated							0.0000	0.0000		0.0000	0.0000	2,397.2501	2,397.2501	0.1308	0.0271	2,408.5859
NaturalGas Mitigated	0.0730	0.6640	0.5578	3.9800e-003		0.0505	0.0505		0.0505	0.0505	0.0000	722.8728	722.8728	0.0139	0.0133	727.1685
NaturalGas Unmitigated	0.1279	1.1626	0.9766	6.9800e-003		0.0884	0.0884		0.0884	0.0884	0.0000	1,265.6668	1,265.6668	0.0243	0.0232	1,273.1880

UCI - ICMC - Unmitigated Generators - Orange County, Annual

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Hospital	2.16612e+007	0.1168	1.0618	0.8919	6.3700e-003		0.0807	0.0807		0.0807	0.0807	0.0000	1,155.9241	1,155.9241	0.0222	0.0212	1,162.7932
Medical Office Building	2.0565e+006	0.0111	0.1008	0.0847	6.0000e-004		7.6600e-003	7.6600e-003		7.6600e-003	7.6600e-003	0.0000	109.7427	109.7427	2.1000e-003	2.0100e-003	110.3948
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.1279	1.1626	0.9766	6.9700e-003		0.0884	0.0884		0.0884	0.0884	0.0000	1,265.6668	1,265.6668	0.0243	0.0232	1,273.1880

UCI - ICMC - Unmitigated Generators - Orange County, Annual

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Hospital	1.2456e+007	0.0672	0.6106	0.5129	3.6600e-003		0.0464	0.0464		0.0464	0.0464	0.0000	664.6996	664.6996	0.0127	0.0122	668.6496
Medical Office Building	1.09013e+006	5.8800e-003	0.0534	0.0449	3.2000e-004		4.0600e-003	4.0600e-003		4.0600e-003	4.0600e-003	0.0000	58.1732	58.1732	1.1100e-003	1.0700e-003	58.5189
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0730	0.6640	0.5578	3.9800e-003		0.0505	0.0505		0.0505	0.0505	0.0000	722.8728	722.8728	0.0139	0.0133	727.1685

UCI - ICMC - Unmitigated Generators - Orange County, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Hospital	5.7024e+006	1,374.6042	0.0750	0.0155	1,381.1042
Medical Office Building	3.14775e+006	758.7876	0.0414	8.5700e-003	762.3756
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	62508.6	15.0681	8.2000e-004	1.7000e-004	15.1394
Unenclosed Parking with Elevator	434560	104.7538	5.7200e-003	1.1800e-003	105.2491
Unenclosed Parking with Elevator	597520	144.0365	7.8600e-003	1.6300e-003	144.7176
Total		2,397.2501	0.1308	0.0271	2,408.5859

UCI - ICMC - Unmitigated Generators - Orange County, Annual

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Hospital	4.4406e+006	1,070.4383	0.0584	0.0121	1,075.5000
Medical Office Building	2.61788e+006	631.0574	0.0344	7.1200e-003	634.0415
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	62508.6	15.0681	8.2000e-004	1.7000e-004	15.1394
Unenclosed Parking with Elevator	434560	104.7538	5.7200e-003	1.1800e-003	105.2491
Unenclosed Parking with Elevator	597520	144.0365	7.8600e-003	1.6300e-003	144.7176
Total		1,965.3541	0.1073	0.0222	1,974.6476

6.0 Area Detail

6.1 Mitigation Measures Area

UCI - ICMC - Unmitigated Generators - Orange County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2.3112	2.0000e-004	0.0218	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0423	0.0423	1.1000e-004	0.0000	0.0451
Unmitigated	2.3112	2.0000e-004	0.0218	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0423	0.0423	1.1000e-004	0.0000	0.0451

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1461					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.1630					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0100e-003	2.0000e-004	0.0218	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0423	0.0423	1.1000e-004	0.0000	0.0451
Total	2.3112	2.0000e-004	0.0218	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0423	0.0423	1.1000e-004	0.0000	0.0451

UCI - ICMC - Unmitigated Generators - Orange County, Annual

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1461					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.1630					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0100e-003	2.0000e-004	0.0218	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0423	0.0423	1.1000e-004	0.0000	0.0451
Total	2.3112	2.0000e-004	0.0218	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0423	0.0423	1.1000e-004	0.0000	0.0451

7.0 Water Detail

7.1 Mitigation Measures Water

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Use Water Efficient Irrigation System

UCI - ICMC - Unmitigated Generators - Orange County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	133.5374	1.0798	0.0267	168.4984
Unmitigated	163.2730	1.3496	0.0334	206.9571

UCI - ICMC - Unmitigated Generators - Orange County, Annual

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Hospital	12.9332 / 2.46346	51.2953	0.4240	0.0105	65.0195
Medical Office Building	28.2331 / 5.37774	111.9777	0.9256	0.0229	141.9376
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		163.2730	1.3496	0.0334	206.9571

UCI - ICMC - Unmitigated Generators - Orange County, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Hospital	10.3465 / 2.31319	41.9533	0.3393	8.4000e-003	52.9370
Medical Office Building	22.5865 / 5.0497	91.5841	0.7406	0.0183	115.5615
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		133.5374	1.0798	0.0267	168.4984

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

UCI - ICMC - Unmitigated Generators - Orange County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	289.3108	17.0978	0.0000	716.7554
Unmitigated	578.6217	34.1956	0.0000	1,433,510 7

UCI - ICMC - Unmitigated Generators - Orange County, Annual

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Hospital	420.48	85.3536	5.0443	0.0000	211.4600
Medical Office Building	2430	493.2680	29.1513	0.0000	1,222.0507
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Total		578.6217	34.1956	0.0000	1,433.5107

UCI - ICMC - Unmitigated Generators - Orange County, Annual

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Hospital	210.24	42.6768	2.5221	0.0000	105.7300
Medical Office Building	1215	246.6340	14.5757	0.0000	611.0254
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Total		289.3108	17.0978	0.0000	716.7554

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
----------------	--------	-----------	-----------	-------------	-------------	-----------

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	2	1	199	2667	0.73	Diesel

UCI - ICMC - Unmitigated Generators - Orange County, Annual

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
Boiler	2	50	18250	75	CNG

User Defined Equipment

Equipment Type	Number
----------------	--------

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	tons/yr										MT/yr					
Boiler - CNG (75 - 9999 MMBTU)	0.0984	0.1132	1.7535	0.0107		0.1360	0.1360		0.1360	0.1360	0.0000	1,947.8123	1,947.8123	0.0373	0.0000	1,948.7456
Emergency Generator - Diesel (750 - 9999 HP)	0.8710	3.8949	2.2208	4.1900e-003		0.1281	0.1281		0.1281	0.1281	0.0000	404.2033	404.2033	0.0567	0.0000	405.6200
Total	0.9694	4.0081	3.9743	0.0149		0.2641	0.2641		0.2641	0.2641	0.0000	2,352.0156	2,352.0156	0.0940	0.0000	2,354.3656

11.0 Vegetation

ICMC Const.out

AERSCREEN 16216 / AERMOD 18081

09/01/20
15:39:05

TITLE: ICMC CONSTRUCTION

***** VOLUME PARAMETERS *****

SOURCE EMISSION RATE:	0.437E-02 g/s	0.347E-01 lb/hr
VOLUME HEIGHT:	5.00 meters	16.40 feet
INITIAL LATERAL DIMENSION:	81.00 meters	265.75 feet
INITIAL VERTICAL DIMENSION:	1.00 meters	3.28 feet
RURAL OR URBAN:	URBAN	
POPULATION:	3010232	
INITIAL PROBE DISTANCE =	5000. meters	16404. feet

***** BUILDING DOWNWASH PARAMETERS *****

BUILDING DOWNWASH NOT USED FOR NON-POINT SOURCES

***** PROBE ANALYSIS *****

25 meter receptor spacing: 207. meters - 5000. meters

Zo SECTOR	ROUGHNESS LENGTH	1-HR CONC (ug/m3)	DIST (m)	TEMPORAL PERIOD
1*	1.000	0.2283	207.4	ANN

* = worst case flow sector

***** MAKEMET METEOROLOGY PARAMETERS *****

MIN/MAX TEMPERATURE: 280.0 / 302.0 (K)

MINIMUM WIND SPEED: 0.5 m/s

ICMC Const.out

ANEMOMETER HEIGHT: 10.000 meters

SURFACE CHARACTERISTICS INPUT: USER ENTERED

ALBEDO: 0.21
BOWEN RATIO: 1.63
ROUGHNESS LENGTH: 1.000 (meters)

SURFACE FRICTION VELOCITY (U*) NOT ADJUSTED

METEOROLOGY CONDITIONS USED TO PREDICT OVERALL MAXIMUM IMPACT

YR MO DY JDY HR
10 01 10 10 01

H0 U* W* DT/DZ ZICNV ZIMCH M-O LEN Z0 BOWEN ALBEDO REF WS
-1.28 0.043 -9.000 0.020 -999. 21. 5.9 1.000 1.63 0.21 0.50

HT REF TA HT
10.0 302.0 2.0

METEOROLOGY CONDITIONS USED TO PREDICT AMBIENT BOUNDARY IMPACT

YR MO DY JDY HR
10 01 10 10 01

H0 U* W* DT/DZ ZICNV ZIMCH M-O LEN Z0 BOWEN ALBEDO REF WS
-1.28 0.043 -9.000 0.020 -999. 21. 5.9 1.000 1.63 0.21 0.50

HT REF TA HT
10.0 302.0 2.0

***** AERSCREEN AUTOMATED DISTANCES *****
OVERALL MAXIMUM CONCENTRATIONS BY DISTANCE

ICMC Const.out

DIST (m)	MAXIMUM 1-HR CONC (ug/m3)	DIST (m)	MAXIMUM 1-HR CONC (ug/m3)
207.40	0.2283	2625.00	0.3657E-02
225.00	0.1989	2650.00	0.3630E-02
250.00	0.1666	2675.00	0.3603E-02
275.00	0.1418	2700.00	0.3577E-02
300.00	0.1225	2725.00	0.3552E-02
325.00	0.1071	2750.00	0.3527E-02
350.00	0.9451E-01	2775.00	0.3503E-02
375.00	0.8416E-01	2800.00	0.3479E-02
400.00	0.7551E-01	2825.00	0.3455E-02
425.00	0.6820E-01	2850.00	0.3432E-02
450.00	0.6196E-01	2875.00	0.3410E-02
475.00	0.5658E-01	2900.00	0.3388E-02
500.00	0.5192E-01	2925.00	0.3366E-02
525.00	0.4784E-01	2950.00	0.3345E-02
550.00	0.4425E-01	2975.00	0.3324E-02
575.00	0.4107E-01	3000.00	0.3304E-02
600.00	0.3824E-01	3025.00	0.3284E-02
625.00	0.3571E-01	3050.00	0.3264E-02
650.00	0.3344E-01	3075.00	0.3244E-02
675.00	0.3139E-01	3100.00	0.3225E-02
700.00	0.2954E-01	3125.00	0.3206E-02
725.00	0.2785E-01	3150.00	0.3188E-02
750.00	0.2631E-01	3175.00	0.3169E-02
775.00	0.2491E-01	3200.00	0.3151E-02
800.00	0.2362E-01	3225.00	0.3134E-02
825.00	0.2243E-01	3250.00	0.3116E-02
850.00	0.2134E-01	3275.00	0.3099E-02
875.00	0.2033E-01	3300.00	0.3082E-02
900.00	0.1939E-01	3325.00	0.3065E-02
925.00	0.1852E-01	3350.00	0.3048E-02
950.00	0.1772E-01	3375.00	0.3032E-02
975.00	0.1696E-01	3400.00	0.3016E-02
1000.00	0.1626E-01	3425.00	0.3000E-02
1025.00	0.1560E-01	3450.00	0.2984E-02
1050.00	0.1499E-01	3475.00	0.2968E-02
1075.00	0.1441E-01	3500.00	0.2953E-02
1100.00	0.1386E-01	3525.00	0.2937E-02
1125.00	0.1335E-01	3550.00	0.2922E-02
1150.00	0.1287E-01	3575.00	0.2908E-02
1175.00	0.1242E-01	3600.00	0.2893E-02
1200.00	0.1199E-01	3625.00	0.2878E-02

ICMC Const.out

1225.00	0.1158E-01	3650.00	0.2864E-02
1250.00	0.1120E-01	3675.00	0.2850E-02
1275.00	0.1083E-01	3700.00	0.2836E-02
1300.00	0.1049E-01	3725.00	0.2822E-02
1325.00	0.1016E-01	3750.00	0.2808E-02
1350.00	0.9845E-02	3775.00	0.2795E-02
1375.00	0.9548E-02	3800.00	0.2781E-02
1400.00	0.9265E-02	3825.00	0.2768E-02
1425.00	0.8995E-02	3850.00	0.2755E-02
1450.00	0.8737E-02	3875.00	0.2742E-02
1475.00	0.8491E-02	3900.00	0.2729E-02
1500.00	0.8256E-02	3925.00	0.2716E-02
1525.00	0.8031E-02	3950.00	0.2704E-02
1550.00	0.7816E-02	3975.00	0.2691E-02
1575.00	0.7610E-02	4000.00	0.2679E-02
1600.00	0.7413E-02	4025.00	0.2667E-02
1625.00	0.7223E-02	4050.00	0.2655E-02
1650.00	0.7041E-02	4075.00	0.2643E-02
1675.00	0.6867E-02	4100.00	0.2631E-02
1700.00	0.6699E-02	4125.00	0.2619E-02
1725.00	0.6537E-02	4150.00	0.2608E-02
1750.00	0.6382E-02	4175.00	0.2596E-02
1775.00	0.6233E-02	4200.00	0.2585E-02
1800.00	0.6089E-02	4225.00	0.2574E-02
1825.00	0.5950E-02	4250.00	0.2563E-02
1850.00	0.5817E-02	4275.00	0.2552E-02
1875.00	0.5688E-02	4300.00	0.2541E-02
1900.00	0.5563E-02	4325.00	0.2530E-02
1925.00	0.5443E-02	4350.00	0.2519E-02
1950.00	0.5327E-02	4375.00	0.2509E-02
1975.00	0.5215E-02	4400.00	0.2498E-02
2000.00	0.5107E-02	4425.00	0.2488E-02
2025.00	0.5002E-02	4450.00	0.2477E-02
2050.00	0.4901E-02	4475.00	0.2467E-02
2075.00	0.4803E-02	4500.00	0.2457E-02
2100.00	0.4708E-02	4525.00	0.2447E-02
2125.00	0.4616E-02	4550.00	0.2437E-02
2150.00	0.4527E-02	4575.00	0.2427E-02
2175.00	0.4440E-02	4600.00	0.2418E-02
2200.00	0.4356E-02	4625.00	0.2408E-02
2225.00	0.4275E-02	4650.00	0.2398E-02
2250.00	0.4196E-02	4675.00	0.2389E-02
2275.00	0.4119E-02	4700.00	0.2380E-02
2300.00	0.4069E-02	4725.00	0.2370E-02
2325.00	0.4033E-02	4750.00	0.2361E-02
2350.00	0.3997E-02	4775.00	0.2352E-02
2375.00	0.3962E-02	4800.00	0.2343E-02
2400.00	0.3928E-02	4825.00	0.2334E-02

ICMC Const.out

2425.00	0.3895E-02	4850.00	0.2325E-02
2450.00	0.3863E-02	4875.00	0.2316E-02
2475.00	0.3832E-02	4900.00	0.2308E-02
2500.00	0.3802E-02	4925.00	0.2299E-02
2525.00	0.3772E-02	4950.00	0.2290E-02
2550.00	0.3743E-02	4975.00	0.2282E-02
2575.00	0.3714E-02	5000.00	0.2273E-02
2600.00	0.3685E-02		

***** AERSCREEN MAXIMUM IMPACT SUMMARY *****

CALCULATION PROCEDURE	MAXIMUM 1-HOUR CONC (ug/m3)	SCALED 3-HOUR CONC (ug/m3)	SCALED 8-HOUR CONC (ug/m3)	SCALED 24-HOUR CONC (ug/m3)	SCALED ANNUAL CONC (ug/m3)
FLAT TERRAIN	0.2283	0.2283	0.2055	0.1370	0.2283E-01
DISTANCE FROM SOURCE	207.40 meters				
IMPACT AT THE AMBIENT BOUNDARY	0.2283	0.2283	0.2055	0.1370	0.2283E-01
DISTANCE FROM SOURCE	207.40 meters				

GLCs loaded successfully
Pollutants loaded successfully

RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 1
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

INHALATION

Daily breathing rate: Moderate8HR

Construction_CCHOutput.txt

****Worker Adjustment Factors****

Worker adjustment factors enabled: NO

****Fraction at time at home****

3rd Trimester to 16 years: ON

16 years to 70 years: ON

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05

Soil mixing depth (m): 0.01

Dermal climate: Mixed

TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.

Tier2 - What was changed: ED or start age changed|

Calculating cancer risk

Cancer risk saved to: D:\Work\UCI ICMC\Construction
RAST\Construction_CCHCancerRisk.csv

Calculating chronic risk

Chronic risk saved to: D:\Work\UCI ICMC\Construction
RAST\Construction_CCHNCChronicRisk.csv

Calculating acute risk

Acute risk saved to: D:\Work\UCI ICMC\Construction
RAST\Construction_CCHNCAcuteRisk.csv

HRA ran successfully

ConstructionOutput.txt

HARP2 - HRACalc (dated 19044) 9/1/2020 3:39:42 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully

RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 3

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 2
2<9 Years Bin: 1
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: False
Dermal: False
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

INHALATION

Daily breathing rate: LongTerm24HR

ConstructionOutput.txt

****Worker Adjustment Factors****

Worker adjustment factors enabled: NO

****Fraction at time at home****

3rd Trimester to 16 years: ON

16 years to 70 years: ON

TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.

Tier2 - What was changed: ED or start age changed|

Calculating cancer risk

Cancer risk saved to: D:\Work\UCI ICMC\Construction RAST\ConstructionCancerRisk.csv

Calculating chronic risk

Chronic risk saved to: D:\Work\UCI ICMC\Construction

RAST\ConstructionNCChronicRisk.csv

Calculating acute risk

Acute risk saved to: D:\Work\UCI ICMC\Construction RAST\ConstructionNCAcuteRisk.csv

HRA ran successfully

ICMCstationary.out

AERSCREEN 16216 / AERMOD 18081

06/14/20
12:11:14

TITLE: ICMC Stationary

***** STACK PARAMETERS *****

SOURCE EMISSION RATE:	0.432E-02 g/s	0.342E-01 lb/hr
STACK HEIGHT:	6.10 meters	20.01 feet
STACK INNER DIAMETER:	0.610 meters	24.02 inches
PLUME EXIT TEMPERATURE:	673.6 K	752.8 Deg F
PLUME EXIT VELOCITY:	24.730 m/s	81.14 ft/s
STACK AIR FLOW RATE:	15314 ACFM	
RURAL OR URBAN:	URBAN	
POPULATION:	3176000	

INITIAL PROBE DISTANCE =	5000. meters	16404. feet
--------------------------	--------------	-------------

***** BUILDING DOWNWASH PARAMETERS *****

NO BUILDING DOWNWASH HAS BEEN REQUESTED FOR THIS ANALYSIS

***** PROBE ANALYSIS *****

25 meter receptor spacing: 1. meters - 5000. meters

Zo SECTOR	ROUGHNESS LENGTH	1-HR CONC (ug/m3)	DIST (m)	TEMPORAL PERIOD
1*	1.000	0.4037	25.0	ANN

* = worst case flow sector

***** MAKEMET METEOROLOGY PARAMETERS *****

MIN/MAX TEMPERATURE: 280.0 / 302.0 (K)

ICMCstationary.out

MINIMUM WIND SPEED: 0.5 m/s

ANEMOMETER HEIGHT: 10.000 meters

SURFACE CHARACTERISTICS INPUT: USER ENTERED

ALBEDO: 0.21

BOWEN RATIO: 1.63

ROUGHNESS LENGTH: 1.000 (meters)

SURFACE FRICTION VELOCITY (U*) NOT ADJUSTED

METEOROLOGY CONDITIONS USED TO PREDICT OVERALL MAXIMUM IMPACT

YR MO DY JDY HR
10 04 23 23 01

Table with meteorology parameters: H0, U*, W*, DT/DZ, ZICNV, ZIMCH, M-O LEN, Z0, BOWEN, ALBEDO, REF WS, HT, REF TA, HT.

WIND SPEED AT STACK HEIGHT (non-downwash): 5.1 m/s
STACK-TIP DOWNWASH ADJUSTED STACK HEIGHT: 6.1 meters
ESTIMATED FINAL PLUME RISE (non-downwash): 3.8 meters
ESTIMATED FINAL PLUME HEIGHT (non-downwash): 9.9 meters

METEOROLOGY CONDITIONS USED TO PREDICT AMBIENT BOUNDARY IMPACT

YR MO DY JDY HR
10 01 21 23 12

Table with meteorology parameters: H0, U*, W*, DT/DZ, ZICNV, ZIMCH, M-O LEN, Z0, BOWEN, ALBEDO, REF WS, HT, REF TA, HT.

ICMCstationary.out

10.0 302.0 2.0

WIND SPEED AT STACK HEIGHT (non-downwash): 0.4 m/s
 STACK-TIP DOWNWASH ADJUSTED STACK HEIGHT: 6.1 meters
 ESTIMATED FINAL PLUME RISE (non-downwash): 368.0 meters
 ESTIMATED FINAL PLUME HEIGHT (non-downwash): 374.1 meters

 ***** AERSCREEN AUTOMATED DISTANCES *****
 OVERALL MAXIMUM CONCENTRATIONS BY DISTANCE

DIST (m)	MAXIMUM 1-HR CONC (ug/m3)	DIST (m)	MAXIMUM 1-HR CONC (ug/m3)
1.00	0.1148E-02	2525.00	0.9220E-02
25.00	0.4037	2550.00	0.9197E-02
50.00	0.3056	2575.00	0.9172E-02
75.00	0.2447	2600.00	0.9148E-02
100.00	0.1789	2625.00	0.9122E-02
125.00	0.1527	2650.00	0.9096E-02
150.00	0.1318	2675.00	0.9070E-02
175.00	0.1126	2700.00	0.9043E-02
200.00	0.9632E-01	2725.00	0.9016E-02
225.00	0.8320E-01	2750.00	0.8989E-02
250.00	0.7283E-01	2775.00	0.8961E-02
275.00	0.6420E-01	2800.00	0.8932E-02
300.00	0.5700E-01	2825.00	0.8904E-02
325.00	0.5096E-01	2850.00	0.8875E-02
350.00	0.4584E-01	2875.00	0.8846E-02
375.00	0.4148E-01	2900.00	0.8816E-02
400.00	0.3774E-01	2925.00	0.8787E-02
425.00	0.3450E-01	2950.00	0.8757E-02
450.00	0.3169E-01	2975.00	0.8726E-02
475.00	0.2922E-01	3000.00	0.8696E-02
500.00	0.2704E-01	3025.00	0.8666E-02
525.00	0.2512E-01	3050.00	0.8635E-02
550.00	0.2382E-01	3075.00	0.8604E-02
575.00	0.2327E-01	3100.00	0.8573E-02
600.00	0.2271E-01	3125.00	0.8542E-02
625.00	0.2214E-01	3150.00	0.8511E-02
650.00	0.2157E-01	3175.00	0.8479E-02
675.00	0.2100E-01	3200.00	0.8448E-02
700.00	0.2045E-01	3225.00	0.8417E-02

ICMCstationary.out

725.00	0.1990E-01	3250.00	0.8385E-02
750.00	0.1937E-01	3275.00	0.8353E-02
775.00	0.1886E-01	3300.00	0.8322E-02
800.00	0.1837E-01	3325.00	0.8290E-02
825.00	0.1789E-01	3350.00	0.8258E-02
850.00	0.1742E-01	3375.00	0.8227E-02
875.00	0.1697E-01	3400.00	0.8195E-02
900.00	0.1656E-01	3425.00	0.8163E-02
925.00	0.1623E-01	3450.00	0.8131E-02
950.00	0.1590E-01	3475.00	0.8100E-02
975.00	0.1558E-01	3500.00	0.8068E-02
1000.00	0.1527E-01	3525.00	0.8036E-02
1025.00	0.1496E-01	3550.00	0.8005E-02
1050.00	0.1466E-01	3575.00	0.7973E-02
1075.00	0.1438E-01	3600.00	0.7941E-02
1100.00	0.1410E-01	3625.00	0.7910E-02
1125.00	0.1384E-01	3650.00	0.7878E-02
1150.00	0.1358E-01	3675.00	0.7847E-02
1175.00	0.1332E-01	3700.00	0.7816E-02
1200.00	0.1307E-01	3725.00	0.7784E-02
1225.00	0.1283E-01	3750.00	0.7753E-02
1250.00	0.1259E-01	3775.00	0.7722E-02
1275.00	0.1235E-01	3800.00	0.7691E-02
1300.00	0.1213E-01	3825.00	0.7660E-02
1325.00	0.1191E-01	3850.00	0.7629E-02
1350.00	0.1174E-01	3875.00	0.7598E-02
1375.00	0.1158E-01	3900.00	0.7568E-02
1400.00	0.1142E-01	3925.00	0.7537E-02
1425.00	0.1126E-01	3950.00	0.7506E-02
1450.00	0.1110E-01	3975.00	0.7476E-02
1475.00	0.1095E-01	4000.00	0.7446E-02
1500.00	0.1080E-01	4025.00	0.7415E-02
1525.00	0.1065E-01	4050.00	0.7385E-02
1550.00	0.1051E-01	4075.00	0.7355E-02
1575.00	0.1036E-01	4100.00	0.7325E-02
1600.00	0.1022E-01	4125.00	0.7296E-02
1625.00	0.1008E-01	4150.00	0.7266E-02
1650.00	0.9946E-02	4175.00	0.7237E-02
1675.00	0.9812E-02	4200.00	0.7207E-02
1700.00	0.9680E-02	4225.00	0.7178E-02
1725.00	0.9550E-02	4250.00	0.7149E-02
1750.00	0.9439E-02	4275.00	0.7120E-02
1775.00	0.9432E-02	4300.00	0.7091E-02
1800.00	0.9450E-02	4325.00	0.7062E-02
1825.00	0.9464E-02	4350.00	0.7033E-02
1850.00	0.9477E-02	4375.00	0.7005E-02
1875.00	0.9487E-02	4400.00	0.6976E-02
1900.00	0.9495E-02	4425.00	0.6948E-02

ICMCstationary.out

1925.00	0.9502E-02	4450.00	0.6920E-02
1950.00	0.9506E-02	4475.00	0.6892E-02
1975.00	0.9508E-02	4500.00	0.6864E-02
2000.00	0.9509E-02	4525.00	0.6836E-02
2025.00	0.9507E-02	4550.00	0.6808E-02
2050.00	0.9505E-02	4575.00	0.6781E-02
2075.00	0.9500E-02	4600.00	0.6754E-02
2100.00	0.9494E-02	4625.00	0.6726E-02
2125.00	0.9487E-02	4650.00	0.6699E-02
2150.00	0.9478E-02	4675.00	0.6672E-02
2175.00	0.9468E-02	4700.00	0.6645E-02
2200.00	0.9457E-02	4725.00	0.6619E-02
2225.00	0.9445E-02	4750.00	0.6592E-02
2250.00	0.9431E-02	4775.00	0.6566E-02
2275.00	0.9416E-02	4800.00	0.6539E-02
2300.00	0.9401E-02	4825.00	0.6513E-02
2325.00	0.9384E-02	4850.00	0.6487E-02
2350.00	0.9366E-02	4875.00	0.6461E-02
2375.00	0.9348E-02	4900.00	0.6436E-02
2400.00	0.9329E-02	4925.00	0.6410E-02
2425.00	0.9308E-02	4950.00	0.6384E-02
2450.00	0.9287E-02	4975.00	0.6359E-02
2475.00	0.9266E-02	5000.00	0.6334E-02
2500.00	0.9243E-02		

***** AERSCREEN MAXIMUM IMPACT SUMMARY *****

CALCULATION PROCEDURE	MAXIMUM 1-HOUR CONC (ug/m3)	SCALED 3-HOUR CONC (ug/m3)	SCALED 8-HOUR CONC (ug/m3)	SCALED 24-HOUR CONC (ug/m3)	SCALED ANNUAL CONC (ug/m3)
FLAT TERRAIN	0.4296	0.4296	0.3867	0.2578	0.4296E-01

DISTANCE FROM SOURCE 28.00 meters

IMPACT AT THE
 AMBIENT BOUNDARY 0.1148E-02 0.1148E-02 0.1034E-02 0.6890E-03 0.1148E-03

DISTANCE FROM SOURCE 1.00 meters

Stationary_Res_Output.txt

HARP2 - HRACalc (dated 19044) 6/14/2020 2:02:20 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully

RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 30

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 2
2<9 Years Bin: 0
2<16 Years Bin: 14
16<30 Years Bin: 14
16 to 70 Years Bin: 0

PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

INHALATION

Daily breathing rate: LongTerm24HR

Stationary_Res_Output.txt

****Worker Adjustment Factors****

Worker adjustment factors enabled: NO

****Fraction at time at home****

3rd Trimester to 16 years: OFF

16 years to 70 years: ON

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05

Soil mixing depth (m): 0.01

Dermal climate: Mixed

TIER 2 SETTINGS

Tier2 not used.

Calculating cancer risk

Cancer risk saved to: D:\Work\UCI ICMC\Stationary
RAST\Stationary_Res_CancerRisk.csv

Calculating chronic risk

Chronic risk saved to: D:\Work\UCI ICMC\Stationary
RAST\Stationary_Res_NCChronicRisk.csv

Calculating acute risk

Acute risk saved to: D:\Work\UCI ICMC\Stationary
RAST\Stationary_Res_NCAcuteRisk.csv

HRA ran successfully

Stationary_Worker_Output.txt

HARP2 - HRACalc (dated 19044) 6/14/2020 2:05:17 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully

RISK SCENARIO SETTINGS

Receptor Type: Worker
Scenario: All
Calculation Method: Derived

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 16
Total Exposure Duration: 25

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 25

PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

INHALATION

Daily breathing rate: Moderate8HR

Stationary_Worker_Output.txt

****Worker Adjustment Factors****

Worker adjustment factors enabled: NO

****Fraction at time at home****

3rd Trimester to 16 years: OFF

16 years to 70 years: OFF

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05

Soil mixing depth (m): 0.01

Dermal climate: Mixed

TIER 2 SETTINGS

Tier2 not used.

Calculating cancer risk

Cancer risk saved to: D:\Work\UCI ICMC\Stationary
RAST\Stationary_Worker_CancerRisk.csv

Calculating chronic risk

Chronic risk saved to: D:\Work\UCI ICMC\Stationary
RAST\Stationary_Worker_NCChronicRisk.csv

Calculating acute risk

Acute risk saved to: D:\Work\UCI ICMC\Stationary
RAST\Stationary_Worker_NCAcuteRisk.csv

HRA ran successfully

Construction Fuel Consumption

On-Site Diesel ¹	MTCO ₂ e	Gallons of Fuel ⁴	Current County Fuel	Percent
Demolition	34	3,373		
Site Preparation/Grading	56	5,542		
Building Construction	1,325	130,568		
Paving	264	26,056		
Architectural Coating	33	3,300		
Total	1,714	168,840	152,622,518	0.1106%

Off-Site Diesel ¹	MTCO ₂ e	Gallons of Fuel ⁴	Current County Fuel	Percent
Demolition	1	120		
Site Preparation/Grading	86	8,508		
Building Construction	2,933	288,997		
Paving	0	0		
Architectural Coating	0	0		
Total	3,021	297,625	152,622,518	0.1950%

Off-Site Gasoline ²	MTCO ₂ e	Gallons of Fuel ⁴	Current County Fuel	Percent
Demolition	1	156		
Site Preparation/Grading	3	328		
Building Construction	2,490	282,669		
Paving	17	1,895		
Architectural Coating	110	12,508		
Total	2,621	297,557	1,243,966,214	0.0239%

Total Diesel Fuel		466,465	152,622,518	0.3056%
Total Gasoline Fuel		297,557	1,243,966,214	0.0239%
Total Construction Fuel	7,356	764,022		

Construction Phase ³	Demolition			Site Preparation			Grading		
	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gas (Worker)	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gas (Worker)	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gas (Worker)
2021	34	1	1	17	0	1	39	86	2
2022	0	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0
Total	34	1	1	17	0	1	39	86	2

Construction Phase ³	Building Construction			Paving			Architectural Coating		
	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gas (Worker)	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gas (Worker)	On-Site Diesel (Off-Road)	Off-Site Diesel (Hauling/Vendor)	Off-Site Gas (Worker)
2021	315	708	616						
2022	606	1351	1142						
2023	405	874	733	264	0	17	33	0	110
Total	1,325	2,933	2,490	264	0	17	33	0	110

Notes:

¹ Fuel used for off-road, hauling, and vendor trips assumed to be diesel.

² Fuel used for worker trips assumed to be gasoline.

³ MTCO₂e rates from CalEEMod (3.0 Construction Details).

⁴ For CO₂e emissions, see Chapter 13 (page 94); Conversion Ratios: Climate Registry, General Reporting Protocol, 2016.

Construction Water Energy

Daily Soil Disturbance ¹	4	acres
Days of Soil Disturbance ²	40	days
Water Concentration ³	3,020	gallons/acre
Water Energy Intensity ⁴	3,500	kWh/MG
Total Construction Water	0.48	million gallons
Construction Water Energy	1,691	kWh
	0.0017	GWh

Notes:

¹ Total daily acres disturbed from offroad equipment per CalEEMod (3.0 Construction Detail) and maximum SCAQMD LST values for soil-disturbing equipment.

² Number of days of construction with soil-disturbing equipment per CalEEMod (3.0 Construction Detail).

³ Water application rate per Air and Waste Management Association's Air Pollution Engineering Manual.

⁴ Water energy intensity factor for county subarea per CalEEMod User Guide, Appendix D, page D-343.

Operational Fuel

Vehicle Type	Percent ¹	Annual VMT ²	MPG ³	Annual Fuel (Gallons)	Fuel Type	Orange Gallons ⁴	Orange Percent	
Passenger Cars	0.93	26,759,101	21.6	1,238,847	Gas	1,243,966,214	0.0996%	0.1109%
Light/Medium Trucks	0.05	1,488,858	17.2	86,562	Diesel	152,622,518	0.0567%	
Heavy Trucks/Other	0.02	504,490	6.1	82,703	Diesel	152,622,518	0.0542%	
Total	1.00	28,752,420		1,408,112		1,396,588,732		

Land Use ⁵	LDA	LDT1	LDT2	MCY	MDV	LHD1	LHD2	MHD	OBUS	UBUS	SBUS	MH	HHD
Hospital	0.5634	0.0431	0.2093	0.0049	0.1100	0.0150	0.0058	0.0262	0.0018	0.0015	0.0006	0.0009	0.0175
Medical Office Building	0.5634	0.0431	0.2093	0.0049	0.1100	0.0150	0.0058	0.0262	0.0018	0.0015	0.0006	0.0009	0.0175
Parking	0.5634	0.0431	0.2093	0.0049	0.1100	0.0150	0.0058	0.0262	0.0018	0.0015	0.0006	0.0009	0.0175

Notes:

¹ Percent of vehicle trip distribution based on fleet mix from CalEEMod (4.4 Fleet Mix).

² Total annual operational VMT based on mitigated annual VMT from CalEEMod (4.2 Trip Summary Information).

³ Average fuel economy derived from Department of Transportation.

⁴ Total annual county fuel per EMFAC 2017 model of projected operational fuel usage.

Operational Water Energy

Mitigated Indoor	32.9	million gallons
Indoor Energy Intensity Factor ¹	5,411	kWh/MG
Mitigated Outdoor	7	million gallons
Outdoor Energy Intensity Factor ²	3,500	kWh/MG
Operational Water Energy	203,971	kWh

Land Use ³	Unmitigated (MG)		Mitigated (MG)	
	Indoor	Outdoor	Indoor	Outdoor
	0	0	0	0
Hospital	13	2	10	2
Medical Office Building	28	5	23	5
Parking	0	0	0	0
Total Operational Water	41	8	33	7

Notes:

¹ Indoor water energy intensity factor for county subarea per CalEEMod User Guide, Appendix D, page D-343. Factor includes supply, treatment, distribution, and wastewater.

² Outdoor water energy intensity factor for county subarea per CalEEMod User Guide, Appendix D, page D-343. Factor includes supply, treatment, and distribution.

³ Operational water use values per CalEEMod (7.2 Water by Land Use).

Electricity/Natural Gas Energy

	Mitigated Project	Orange County	Percentage
	Annual Energy	Annual Energy ³	Increase
Electricity (kWh/yr)	8,153,069	20,196,974,897	0.0404%
Natural Gas (kBTU/yr)	13,546,130	57,500,000,000	0.0236%
Natural Gas (therms/yr)	135,461	575,000,000	0.0236%

Land Use	Electricity ¹ (kWh/yr)		Natural Gas ² (kBTU/yr)	
	Unmitigated	Mitigated	Unmitigated	Mitigated
	0	0	0	0
Hospital	5,702,400	4,440,600	21,661,200	12,456,000
Medical Office Building	3,147,750	2,617,880	2,056,500	1,090,130
Parking	1,094,589	1,094,589	0	0
Total Energy	9,944,739	8,153,069	23,717,700	13,546,130

Notes:

¹ Electricity use per CalEEMod (5.3 Energy by Land Use).

² Natural Gas use per CalEEMod (5.2 Natural Gas by Land Use).

³ County total energy values from California Energy Commission energy reports available through ecdms.energy.ca.gov.