tblProjectCharacteristics

ProjectName	LocationScope	EMFAC_ID	WindSpeed	PrecipitationFrequency	ClimateZone	UrbanizationLevel	OperationalYear
SDG&E Tie Line 695/6971 Reconductor Project	AB	SDAB	2.6	40	13	Urban	2018

UtilityCompany	CO2IntensityFactor	CH4IntensityFactor	N2OIntensityFactor	TotalPopulation	TotalLotAcreage	UsingHistoricalEnergyUseData
San Diego Gas & Electric	720.49	0.029	0.006	0	98.33	0

tblPollutants

PollutantSelection	PollutantFullName	PollutantName
1	Reactive Organic Gases (ROG)	ROG
1	Nitrogen Oxides (NOx)	NOX
1	Carbon Monoxide (CO)	CO
1	Sulfur Dioxide (SO2)	SO2
1	Particulate Matter 10um (PM10)	PM10
1	Particulate Matter 2.5um (PM2.5)	PM2_5
1	Fugitive PM10um (PM10)	PM10_FUG
1	Fugitive PM2.5um (PM2.5)	PM25_FUG
1	Biogenic Carbon Dioxide (CO2)	CO2_BIO
1	Non-Biogenic Carbon Dioxide (CO2)	CO2_NBIO
1	Carbon Dioxide (CO2)	CO2
1	Methane (CH4)	CH4
1	Nitrous Oxide (N2O)	N2O
1	CO2 Equivalent GHGs (CO2e)	CO2E

tblLandUse

LandUseType	LandUseSubType	LandUseUnitAmount	LandUseSizeMetric	LotAcreage
Industrial	General Light Industry	0	1000sqft	98.33

tblLandUse

LandUseSquareI	Population
0	0

tblConstructionPhase

PhaseNumber	PhaseName	PhaseType	PhaseStartDate
1	Staging Yard Setup, Road Refinishing, Vegetation Trimming, BMP Installation	Site Preparation	2018/01/01
2	Pier Foundation and Micropile Construction	Building Construction	2018/02/05
3	Direct Bury Construction and Pole Installation	Building Construction	2018/04/04
4	Stringing Activities/Transfer Conductor/Sagging Activities	Building Construction	2018/05/22
5	Demobilization/Clean Up/Road Refreshing	Site Preparation	2018/07/17
6	Trenching for Installation of Underground Cables	Grading	2018/07/18

tblConstructionPhase

PhaseEndDate	NumDaysWeek	NumDays	PhaseDescription
2018/02/03	6	30	
2018/04/03	6	50	
2018/07/17	6	90	
2018/07/30	6	60	
2018/08/31	6	40	
2018/07/28	6	10	

PhaseName	OffRoadEquipmentType	OffRoadEquipmentUnitAmount	UsageHours	HorsePower
Staging Yard Setup, Road Refinishing, Vegetation Trimming, BMP Installation	Dumpers/Tenders	1	3	16
Staging Yard Setup, Road Refinishing, Vegetation Trimming, BMP Installation	Graders	2	6	174
Staging Yard Setup, Road Refinishing, Vegetation Trimming, BMP Installation	Off-Highway Trucks	4	3	400
Staging Yard Setup, Road Refinishing, Vegetation Trimming, BMP Installation	Other Construction Equipment	2	7	171

Pier Foundation and Micropile Construction	Air Compressors	3	5	78
Pier Foundation and Micropile Construction	Bore/Drill Rigs	3	7	205
Pier Foundation and Micropile Construction	Cement and Mortar Mixers	1	4	9
Pier Foundation and Micropile Construction	Dumpers/Tenders	1	4	16
Pier Foundation and Micropile Construction	Excavators	1	4	162
Pier Foundation and Micropile Construction	Forklifts	3	4	89
Pier Foundation and Micropile Construction	Off-Highway Trucks	12	3	400
Direct Bury Construction and Pole Installation	Air Compressors	3	3	78

Direct Bury Construction and Pole Installation	Bore/Drill Rigs	3	7	205
Direct Bury Construction and Pole Installation	Cranes	3	5	226
Direct Bury Construction and Pole Installation	Off-Highway Trucks	9	4	400
Stringing Activities/Transfer Conductor/Sagging Activities	Off-Highway Trucks	11	4	400
Demobilization/Clean Up/Road Refreshing	Graders	1	7	174
Demobilization/Clean Up/Road Refreshing	Off-Highway Trucks	2	6	400
Demobilization/Clean Up/Road Refreshing	Tractors/Loaders/ Backhoes	1	6	97

Trenching for Installation of Underground Cables	Bore/Drill Rigs	1	6	205
Trenching for Installation of Underground Cables	Off-Highway Trucks	4	3	400
Trenching for Installation of Underground Cables	Tractors/Loaders/ Backhoes	3	7	97

LoadFactor
0.38
0.41
0.38
0.42

0.48

0.5

0.56

0.38

0.38

0.2

0.38

0.48

0.5

0.29

0.38

0.38

0.41

0.38

0.37

0.5

0.38

0.37

PhaseName	WorkerTripNumber	VendorTripNumber	HaulingTripNumber
Staging Yard Setup, Road Refinishing, Vegetation Trimming, BMP Installation	14	2	0
Pier Foundation and Micropile Construction	12	8	0
Direct Bury Construction and Pole Installation	60	24	0
Stringing Activities/Transfer Conductor/Sagging Activities	24	6	0
Demobilization/Clean Up/Road Refreshing	14	2	0
Trenching for Installation of Underground Cables	16	2	363

WorkerTripLength	VendorTripLength	HaulingTripLength	WorkerVehicleClass
10.8	69	74	LD_Mix
10.8	69	74	LD_Mix
10.8	69	74	LD_Mix
10.8	69	74	LD_Mix
10.8	69	74	LD_Mix
10.8	69	74	LD_Mix

VendorVehicleClass	HaulingVehicleClass
HDT_Mix	HHDT
HDT_Mix	HHDT
HDT_Mix	HHDT
HDT_Mix	HHDT
HDT_Mix	HHDT
HDT_Mix	HHDT

PhaseName	WorkerPercentPave	VendorPercentPave	HaulingPercentPave	RoadSiltLoading	MaterialSiltContent
Staging Yard Setup, Road Refinishing, Vegetation Trimming, BMP Installation	100	100	100	0.1	8.5
Pier Foundation and Micropile Construction	100	100	100	0.1	8.5
Direct Bury Construction and Pole Installation	100	100	100	0.1	8.5
Stringing Activities/Transfer Conductor/Sagging Activities	100	100	100	0.1	8.5
Demobilization/Clean Up/Road Refreshing	100	100	100	0.1	8.5
Trenching for Installation of Underground Cables	100	100	100	0.1	8.5

MaterialMoisture Content	AverageVehicle Weight	MeanVehicleSpeed
0.5	2.4	40
0.5	2.4	40
0.5	2.4	40
0.5	2.4	40
0.5	2.4	40
0.5	2.4	40

tblDemolition

PhaseName	DemolitionSize Metric	DemolitionUnit Amount

tblGrading

PhaseName	MaterialImported	MaterialExported	GradingSizeMetric	ImportExportPhased
Staging Yard Setup, Road Refinishing, Vegetation Trimming, BMP Installation	0	0		0
Demobilization/Clean Up/Road Refreshing	0	0	Cubic Yards	0
Trenching for Installation of Underground Cables	0	0		0

MeanVehicleSpeed	AcresOfGrading	MaterialMoistureContentBulldozing	MaterialMoistureContentTruckLoading	MaterialSiltContent
7.1	29.5	7.9	12	6.9
7.1	29.5	7.9	12	6.9
7.1		7.9	12	6.9

PhaseName	ArchitecturalCoatingStartDate	ArchitecturalCoatingEndDate	EF_Residential_Interior	ConstArea_Residential_Interior

EF_Residential_Exterior	ConstArea_Residential_Exterior	EF_Nonresidential_Interior	ConstArea_Nonresidential_Interior	EF_Nonresidential_Exterior

ConstArea_Nonre
sidential_Exterior

ParkingLotAcreage

VehicleTrips LandUseSub Type	VehicleTrips LandUseSize Metric	WD_TR	ST_TR	SU_TR	HW_TL	HS_TL
General Light Industry	1000sqft	6.97	1.32	0.68	0	0

HO_TL	CC_TL	CW_TL	CNW_TL	PR_TP	DV_TP	PB_TP
0	7.3	9.5	7.3	92	5	3

HW_TTP	HS_TTP	HO_TTP	CC_TTP	CW_TTP	CNW_TTP
0	0	0	28	59	13

Season	EmissionType	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD
A	FleetMix	0.511818	0.073499	0.19184	0.131575	0.036332	0.005186	0.012677
A	CH4_IDLEX	0	0	0	0	0.001181	0.000876	0.0075
A	CH4_RUNEX	0.011775	0.020026	0.014308	0.025201	0.020486	0.013255	0.006421
A	CH4_STREX	0.010085	0.018075	0.010297	0.022278	0.021085	0.010902	0
A	CO_IDLEX	0	0	0	0	0.17296	0.133355	1.859914
A	CO_RUNEX	0.942475	1.819124	1.095455	1.936065	1.789811	1.147458	1.010478
A	CO_STREX	2.290096	4.333458	2.664182	4.759018	4.10079	2.055475	19.57262
A	CO2_NBIO_IDLEX	0	0	0	0	8.290846	9.178688	590.8538
A	CO2_NBIO_RUNEX	266.0853	320.8953	391.3175	522.2632	762.6686	647.4997	1036.877
A	CO2_NBIO_STREX	57.01793	68.2775	83.0667	109.7895	37.84443	23.011	53.28347
A	NOX_IDLEX	0	0	0	0	0.064609	0.120658	5.456407
A	NOX_RUNEX	0.108621	0.203202	0.136135	0.267833	1.413065	2.063467	2.62557
A	NOX_STREX	0.130802	0.250406	0.238435	0.444512	1.204319	0.692146	2.015864
A	PM10_IDLEX	0	0	0	0	0.00069	0.001292	0.017311
A	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.050371	0.069175	0.115778
A	PM10_PMTW	0.008	0.008	0.008	0.008	0.009373	0.010474	0.011378
A	PM10_RUNEX	0.001797	0.003174	0.001726	0.002079	0.017087	0.027024	0.063394
A	PM10_STREX	0.003093	0.004532	0.00301	0.003321	0.001023	0.000473	0.002449
A	PM25_IDLEX	0	0	0	0	0.000635	0.001188	0.015926
A	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.021588	0.029647	0.049619
A	PM25_PMTW	0.002	0.002	0.002	0.002	0.002343	0.002618	0.002844
A	PM25_RUNEX	0.001661	0.002939	0.001598	0.001917	0.015729	0.024866	0.058322
A	PM25_STREX	0.002861	0.004198	0.002789	0.003068	0.000942	0.000435	0.002158
A	ROG_DIURN	0.038692	0.106039	0.047967	0.067317	0.00213	0.001041	0.002493

A	ROG_HTSK	0.110071	0.245824	0.1407	0.19857	0.071468	0.038221	0.111377
A	ROG_IDLEX	0	0	0	0	0.027302	0.020002	0.161471
A	ROG_RESTL	0.043634	0.109272	0.06113	0.087369	0.001622	0.000819	0.001893
A	ROG_RUNEX	0.029626	0.044022	0.023015	0.053518	0.171359	0.147679	0.168307
A	ROG_RUNLS	0.252882	0.850292	0.43801	0.607201	0.482676	0.235013	0.540755
A	ROG_STREX	0.178083	0.320045	0.182198	0.393268	0.372869	0.192771	1.183767
A	SO2_IDLEX	0	0	0	0	0.00009	0.000097	0.006029
A	SO2_RUNEX	0.003561	0.004127	0.004847	0.006184	0.00809	0.006781	0.010637
A	SO2_STREX	0.000774	0.00092	0.001048	0.001354	0.00048	0.000284	0.000913
A	TOG_DIURN	0.038692	0.106039	0.047967	0.067317	0.00213	0.001041	0.002493
A	TOG_HTSK	0.110071	0.245824	0.1407	0.19857	0.071468	0.038221	0.111377
A	TOG_IDLEX	0	0	0	0	0.029096	0.021566	0.183822
A	TOG_RESTL	0.043634	0.109272	0.06113	0.087369	0.001622	0.000819	0.001893
A	TOG_RUNEX	0.041886	0.064745	0.03771	0.079546	0.199817	0.172041	0.19272
A	TOG_RUNLS	0.252882	0.850292	0.43801	0.607201	0.482676	0.235013	0.540755
A	TOG_STREX	0.190183	0.341742	0.194556	0.419995	0.398173	0.205855	1.265564
S	FleetMix	0.511818	0.073499	0.19184	0.131575	0.036332	0.005186	0.012677
S	CH4_IDLEX	0	0	0	0	0.001181	0.000876	0.007068
S	CH4_RUNEX	0.011775	0.020026	0.014308	0.025201	0.020486	0.013255	0.006421
S	CH4_STREX	0.010085	0.018075	0.010297	0.022278	0.021085	0.010902	0
S	CO_IDLEX	0	0	0	0	0.17296	0.133355	1.35149
S	CO_RUNEX	1.04996	1.999054	1.218104	2.130231	1.822243	1.157636	1.020554
S	CO_STREX	1.714818	3.258958	1.997175	3.580404	3.207296	1.616069	15.22532
S	CO2_NBIO_IDLEX	0	0	0	0	8.290847	9.178689	625.9574
S	CO2_NBIO_RUNEX	281.1902	338.0944	412.9784	550.7086	762.6686	647.4997	1036.877

S	CO2_NBIO_STREX	57.01793	68.2775	83.0667	109.7895	37.84443	23.011	53.28347
S	NOX_IDLEX	0	0	0	0	0.064609	0.120658	5.631928
S	NOX_RUNEX	0.098567	0.182947	0.123253	0.242296	1.349378	1.98486	2.522311
S	NOX_STREX	0.119655	0.228954	0.218111	0.406611	1.149782	0.66084	1.919019
S	PM10_IDLEX	0	0	0	0	0.00069	0.001292	0.014593
S	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.050371	0.069175	0.115778
S	PM10_PMTW	0.008	0.008	0.008	0.008	0.009373	0.010474	0.011378
S	PM10_RUNEX	0.001797	0.003174	0.001726	0.002079	0.017087	0.027024	0.063394
S	PM10_STREX	0.003093	0.004532	0.00301	0.003321	0.001023	0.000473	0.002449
S	PM25_IDLEX	0	0	0	0	0.000635	0.001188	0.013426
S	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.021588	0.029647	0.049619
S	PM25_PMTW	0.002	0.002	0.002	0.002	0.002343	0.002618	0.002844
S	PM25_RUNEX	0.001661	0.002939	0.001598	0.001917	0.015729	0.024866	0.058322
S	PM25_STREX	0.002861	0.004198	0.002789	0.003068	0.000942	0.000435	0.002158
S	ROG_DIURN	0.060232	0.165364	0.074186	0.103651	0.003118	0.001525	0.003739
S	ROG_HTSK	0.115913	0.262598	0.147511	0.20719	0.075234	0.040388	0.116001
S	ROG_IDLEX	0	0	0	0	0.027302	0.020002	0.152171
S	ROG_RESTL	0.073682	0.185746	0.100948	0.143291	0.002828	0.001431	0.003482
S	ROG_RUNEX	0.031581	0.046865	0.024504	0.056664	0.174343	0.148493	0.169044
S	ROG_RUNLS	0.23613	0.773017	0.40205	0.558898	0.464851	0.225898	0.522213
S	ROG_STREX	0.145994	0.263397	0.149973	0.323975	0.323219	0.167737	1.003166
S	SO2_IDLEX	0	0	0	0	0.00009	0.000097	0.006387
S	SO2_RUNEX	0.003766	0.004353	0.005118	0.006524	0.00809	0.006781	0.010637
S	SO2_STREX	0.000764	0.000901	0.001037	0.001334	0.000465	0.000276	0.00084
S	TOG_DIURN	0.060232	0.165364	0.074186	0.103651	0.003118	0.001525	0.003739

S	TOG_HTSK	0.115913	0.262598	0.147511	0.20719	0.075234	0.040388	0.116001
S	TOG_IDLEX	0	0	0	0	0.029096	0.021566	0.173235
S	TOG_RESTL	0.073682	0.185746	0.100948	0.143291	0.002828	0.001431	0.003482
S	TOG_RUNEX	0.044611	0.068642	0.0402	0.083987	0.203184	0.173025	0.193533
S	TOG_RUNLS	0.23613	0.773017	0.40205	0.558898	0.464851	0.225898	0.522213
S	TOG_STREX	0.155915	0.281254	0.160146	0.345995	0.345151	0.17912	1.072424
W	FleetMix	0.511818	0.073499	0.19184	0.131575	0.036332	0.005186	0.012677
W	CH4_IDLEX	0	0	0	0	0.001181	0.000876	0.008096
W	CH4_RUNEX	0.011775	0.020026	0.014308	0.025201	0.020486	0.013255	0.006421
W	CH4_STREX	0.010085	0.018075	0.010297	0.022278	0.021085	0.010902	0
W	CO_IDLEX	0	0	0	0	0.17296	0.133355	2.562023
W	CO_RUNEX	0.92584	1.790915	1.075595	1.909692	1.776831	1.143579	1.00735
W	CO_STREX	2.506972	4.738425	2.915886	5.204202	4.498954	2.251433	21.51134
W	CO2_NBIO_IDLEX	0	0	0	0	8.290847	9.178689	542.3775
W	CO2_NBIO_RUNEX	263.3529	317.7841	387.3992	517.1177	762.6686	647.4997	1036.877
W	CO2_NBIO_STREX	57.01793	68.2775	83.0667	109.7895	37.84443	23.011	53.28347
W	NOX_IDLEX	0	0	0	0	0.064609	0.120658	5.214021
W	NOX_RUNEX	0.110062	0.2062	0.138006	0.271533	1.409916	2.055997	2.616029
W	NOX_STREX	0.135016	0.258538	0.246104	0.458831	1.229057	0.706356	2.058693
W	PM10_IDLEX	0	0	0	0	0.00069	0.001292	0.021064
W	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.050371	0.069175	0.115778
W	PM10_PMTW	0.008	0.008	0.008	0.008	0.009373	0.010474	0.011378
W	PM10_RUNEX	0.001797	0.003174	0.001726	0.002079	0.017087	0.027024	0.063394
W	PM10_STREX	0.003093	0.004532	0.00301	0.003321	0.001023	0.000473	0.002449
W	PM25_IDLEX	0	0	0	0	0.000635	0.001188	0.019379

W	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.021588	0.029647	0.049619
W	PM25_PMTW	0.002	0.002	0.002	0.002	0.002343	0.002618	0.002844
W	PM25_RUNEX	0.001661	0.002939	0.001598	0.001917	0.015729	0.024866	0.058322
W	PM25_STREX	0.002861	0.004198	0.002789	0.003068	0.000942	0.000435	0.002158
W	ROG_DIURN	0.032533	0.091001	0.038915	0.054355	0.002011	0.000971	0.002379
W	ROG_HTSK	0.123647	0.280158	0.154424	0.21623	0.083827	0.044011	0.135111
W	ROG_IDLEX	0	0	0	0	0.027302	0.020002	0.174313
W	ROG_RESTL	0.036555	0.091354	0.05172	0.074065	0.001434	0.00072	0.001666
W	ROG_RUNEX	0.029304	0.043531	0.02275	0.05307	0.170078	0.147331	0.168006
W	ROG_RUNLS	0.294488	1.047285	0.527903	0.728538	0.534635	0.26162	0.600804
W	ROG_STREX	0.190356	0.341627	0.194507	0.419779	0.395258	0.204068	1.265126
W	SO2_IDLEX	0	0	0	0	0.00009	0.000097	0.005534
W	SO2_RUNEX	0.003524	0.004087	0.004798	0.006123	0.008089	0.006781	0.010637
W	SO2_STREX	0.000778	0.000927	0.001053	0.001362	0.000487	0.000287	0.000946
W	TOG_DIURN	0.032533	0.091001	0.038915	0.054355	0.002011	0.000971	0.002379
W	TOG_HTSK	0.123647	0.280158	0.154424	0.21623	0.083827	0.044011	0.135111
W	TOG_IDLEX	0	0	0	0	0.029096	0.021566	0.198442
W	TOG_RESTL	0.036555	0.091354	0.05172	0.074065	0.001434	0.00072	0.001666
W	TOG_RUNEX	0.041398	0.064024	0.037225	0.078825	0.198367	0.171617	0.192387
W	TOG_RUNLS	0.294488	1.047285	0.527903	0.728538	0.534635	0.26162	0.600804
W	TOG_STREX	0.20329	0.364787	0.207701	0.448309	0.422084	0.217919	1.352584

HHD	OBUS	UBUS	MCY	SBUS	MH
0.022513	0.001864	0.002072	0.006564	0.000601	0.003458
0.024596	0.01965	0	0	0.004322	0
0.010432	0.002893	0	0	0.005247	0
0	0	0	0	0	0
2.969917	2.475334	0	0	0.991359	0
1.411604	1.654621	3.266965	29.57039	6.188568	3.127351
69.82468	12.01742	5.786887	10.18117	38.94056	7.803435
548.9643	554.8457	0	0	563.2881	0
1611.577	1075.894	2074.587	159.8514	1069.336	707.6369
53.95448	34.24603	23.77048	40.9663	126.5639	29.65484
4.394441	5.298662	0	0	7.746167	0
4.830311	3.275359	11.63269	1.248557	7.3671	1.561501
4.497824	1.692602	0.881468	0.309801	2.686499	0.820583
0.010642	0.010253	0	0	0.014633	0
0.060052	0.092584	0.705084	0.03675	0.551716	0.04959
0.034838	0.010386	0.008	0.008	0.010909	0.008549
0.074372	0.038202	0.199505	0.000479	0.047516	0.026912
0.002502	0.00085	0.000248	0.001207	0.008406	0.001011
0.009791	0.009433	0	0	0.013462	0
0.025737	0.039679	0.302179	0.01575	0.23645	0.021253
0.008709	0.002597	0.002	0.002	0.002727	0.002137
0.068422	0.035147	0.18354	0.000395	0.04361	0.024758
0.00217	0.000775	0.000223	0.000982	0.007151	0.000914
0.001969	0.000786	0.001944	0.714202	0.033719	0.942216

0.115199	0.026731	0.045565	0.407695	0.293703	0.07792
0.529534	0.423065	0	0	0.093058	0
0.001809	0.000522	0.001782	0.529493	0.018278	0.491908
0.234046	0.172045	0.610585	2.998464	0.472601	0.131885
0.605909	0.29645	0.300516	1.351847	1.848782	2.038516
2.636234	0.730197	0.527364	2.134282	2.802639	0.440263
0.005601	0.005661	0	0	0.005748	0
0.016454	0.011122	0.021259	0.002268	0.011104	0.007534
0.001755	0.000577	0.000361	0.000665	0.002051	0.000453
0.001969	0.000786	0.001944	0.714202	0.033719	0.942216
0.115199	0.026731	0.045565	0.407695	0.293703	0.07792
0.602834	0.481627	0	0	0.10594	0
0.001809	0.000522	0.001782	0.529493	0.018278	0.491908
0.266829	0.199884	0.689503	3.268393	0.522774	0.161478
0.605909	0.29645	0.300516	1.351847	1.848782	2.038516
2.81782	0.779811	0.563212	2.292695	3.001364	0.470396
0.022513	0.001864	0.002072	0.006564	0.000601	0.003458
0.023179	0.018519	0	0	0.004073	0
0.010432	0.002893	0	0	0.005247	0
0	0	0	0	0	0
2.158064	1.79868	0	0	0.720362	0
1.421069	1.684286	3.285477	27.88224	6.041435	3.203605
53.45886	9.376373	4.773367	8.760572	32.77537	5.941878
581.5792	587.8099	0	0	596.754	0
1611.577	1075.894	2074.587	159.8514	1069.336	707.6369

53.95447	34.24603	23.77048	40.9663	126.5639	29.65485
4.535801	5.469109	0	0	7.995345	0
4.65063	3.131119	11.21791	1.121895	7.069245	1.468039
4.280836	1.612266	0.835493	0.290881	2.515717	0.781492
0.008972	0.008644	0	0	0.012335	0
0.060052	0.092584	0.705084	0.03675	0.551716	0.04959
0.034838	0.010386	0.008	0.008	0.010909	0.008549
0.074372	0.038202	0.199505	0.000479	0.047516	0.026912
0.002502	0.00085	0.000248	0.001207	0.008406	0.001011
0.008254	0.007952	0	0	0.011348	0
0.025737	0.039679	0.302179	0.01575	0.23645	0.021253
0.008709	0.002597	0.002	0.002	0.002727	0.002137
0.068422	0.035147	0.18354	0.000395	0.04361	0.024758
0.00217	0.000775	0.000223	0.000982	0.007151	0.000914
0.00308	0.001116	0.002378	1.179437	0.047366	1.299477
0.118258	0.02754	0.047734	0.478162	0.293198	0.079158
0.499036	0.398699	0	0	0.087699	0
0.003515	0.000959	0.003209	1.119681	0.03325	0.860008
0.23431	0.173876	0.614537	2.898419	0.472716	0.134768
0.59785	0.287757	0.270853	1.224285	1.672757	1.980384
2.157847	0.631322	0.46926	1.825149	2.4261	0.367842
0.005934	0.005998	0	0	0.006089	0
0.016454	0.011122	0.02126	0.002238	0.011102	0.007535
0.001483	0.000533	0.000344	0.000633	0.001943	0.000421
0.00308	0.001116	0.002378	1.179437	0.047366	1.299477

0.118258	0.02754	0.047734	0.478162	0.293198	0.079158
0.568114	0.453888	0	0	0.099838	0
0.003515	0.000959	0.003209	1.119681	0.03325	0.860008
0.267115	0.201909	0.693729	3.163097	0.522963	0.164778
0.59785	0.287757	0.270853	1.224285	1.672757	1.980384
2.306459	0.674206	0.50115	1.960402	2.597557	0.393009
0.022513	0.001864	0.002072	0.006564	0.000601	0.003458
0.026552	0.021213	0	0	0.004666	0
0.010432	0.002893	0	0	0.005247	0
0	0	0	0	0	0
4.091047	3.409761	0	0	1.365593	0
1.40773	1.642169	3.261624	30.70417	6.290744	3.101891
77.12569	13.2047	6.230561	10.84284	42.02207	8.639991
503.9247	509.3236	0	0	517.0734	0
1611.577	1075.894	2074.587	159.8514	1069.336	707.6369
53.95447	34.24603	23.77048	40.9663	126.5639	29.65485
4.19923	5.063284	0	0	7.402065	0
4.815411	3.267821	11.57728	1.260953	7.344492	1.562432
4.593812	1.728576	0.901463	0.317917	2.768335	0.838098
0.01295	0.012476	0	0	0.017805	0
0.060052	0.092584	0.705084	0.03675	0.551716	0.04959
0.034838	0.010386	0.008	0.008	0.010909	0.008549
0.074372	0.038202	0.199505	0.000479	0.047516	0.026912
0.002502	0.00085	0.000248	0.001207	0.008406	0.001011
0.011914	0.011478	0	0	0.016381	0

0.025737	0.039679	0.302179	0.01575	0.23645	0.021253
0.008709	0.002597	0.002	0.002	0.002727	0.002137
0.068422	0.035147	0.18354	0.000395	0.04361	0.024758
0.00217	0.000775	0.000223	0.000982	0.007151	0.000914
0.001824	0.00077	0.001882	0.658625	0.035611	0.993792
0.142356	0.029178	0.055183	0.554435	0.375537	0.104057
0.57165	0.456713	0	0	0.100459	0
0.001575	0.000475	0.001637	0.400744	0.017355	0.462833
0.233932	0.171245	0.608991	3.051908	0.473219	0.130777
0.656653	0.322752	0.372606	1.666536	2.243646	2.184867
2.850968	0.774912	0.552856	2.275092	2.988183	0.473047
0.005142	0.005197	0	0	0.005276	0
0.016454	0.011122	0.021259	0.002287	0.011106	0.007533
0.001876	0.000597	0.000369	0.00068	0.002105	0.000467
0.001824	0.00077	0.001882	0.658625	0.035611	0.993792
0.142356	0.029178	0.055183	0.554435	0.375537	0.104057
0.65078	0.519933	0	0	0.114365	0
0.001575	0.000475	0.001637	0.400744	0.017355	0.462833
0.266707	0.198999	0.687797	3.324642	0.523391	0.160194
0.656653	0.322752	0.372606	1.666536	2.243646	2.184867
3.047378	0.82757	0.590441	2.44409	3.200361	0.505432

RoadPercentPave	RoadSiltLoading	MaterialSiltContent	MaterialMoistureContent	MobileAverageVehicleWeight	MeanVehicleSpeed
100	0.1	4.3	0.5	2.4	40

WoodstovesLandUseSubType	NumberConventional	NumberCatalytic	NumberNoncatalytic	NumberPellet	WoodstoveDayYear	WoodstoveWoodMass

tblFireplaces

Fireplaces LandUseSubType	NumberWood	NumberGas	NumberPropane	NumberNoFireplace	FireplaceHourDay	FireplaceDayYear	FireplaceWoodMass

ROG_EF
0.0000214

Area_EF_Residential_Interior	Area_Residential_Interior	Area_EF_Residential_Exterior	Area_Residential_Exterior	Area_EF_Nonresidential_Interior	Area_Nonresidential_Interior	Area_EF_Nonresidential_Exterior	Area_Nonresidential_Exterior	ReapplicationRatePercent
250	0	250	0	250	0	250	0	10

NumberSnowDays	NumberSummerDays
0	180

EnergyUseLandUs	T24E	NT24E	LightingEle	T24NG	NT24NG
General Light Indu	1.48	4.27	3.25	4.54	7.25

WaterLandUseSubType	WaterLandUseSizeMetric	IndoorWaterUseRate	OutdoorWaterUseRate	ElectricityIntensityFactorToSupply	ElectricityIntensityFactorToTreat	ElectricityIntensityFactorToDistribute	ElectricityIntensityFactorForWastewaterTreatment
General Light Industry	1000sqft	0	0	9727	111	1272	1911

SepticTankPercent	AerobicPercent	AnaerobicandFacultativeLagoonsPercent	AnaDigestCombDigestGasPercent	AnaDigestCogenCombDigestGasPercent
10.33	87.46	2.21	100	0

SolidWasteLandUseSubType	SolidWasteLandUseSizeMetric	SolidWasteGenerationRate	LandfillNoGasCapture	LandfillCaptureGasFlare	LandfillCaptureGasEnergyRecovery
General Light Industry	1000sqft	0	6	94	0

VegetationLandUseType	VegetationLandUseSubType	AcresBegin	AcresEnd	CO2peracre

BroadSpeciesClass	NumberOfNewTrees	CO2perTree

tblConstEquipMitigation

ConstMitigationEquipmentType	FuelType	Tier	NumberOfEquipmentMitigated	TotalNumberOfEquipmentMitigated	DPF	Oxidation Catalyst
Air Compressors	Diesel	No Change	0	6	No Change	0
Bore/Drill Rigs	Diesel	No Change	0	7	No Change	0
Cement and Mortar Mixers	Diesel	No Change	0	1	No Change	0
Cranes	Diesel	No Change	0	3	No Change	0
Dumpers/ Tenders	Diesel	No Change	0	1	No Change	0
Forklifts	Diesel	No Change	0	3	No Change	0
Graders	Diesel	No Change	0	3	No Change	0
Off-Highway Trucks	Diesel	No Change	0	42	No Change	0
Other Construction Equipment	Diesel	No Change	0	2	No Change	0
Tractors/Loaders/Backhoes	Diesel	No Change	0	4	No Change	0

SoilStabilizerCheck	SoilStabilizerPM10PercentReduction	SoilStabilizerPM25PercentReduction	ReplaceGroundCoverCheck	ReplaceGroundCoverPM10PercentReduction	ReplaceGroundCoverPM25PercentReduction	WaterExposedAreaCheck	WaterExposedAreaFrequency	WaterExposedAreaPM10PercentReduction
0	0	0	1	50	50	1	2	55

WaterExposedAreaPM25PercentReduction	WaterUnpavedRoadMoistureContentCheck	WaterUnpavedRoadVehicleSpeedCheck	WaterUnpavedRoadMoistureContent	WaterUnpavedRoadVehicleSpeed	CleanPavedRoadPercentReduction
55	0	0	0	0	0

ProjectSetting	IncreaseDensityCheck	IncreaseDensityDUPerAcre	IncreaseDensityJobPerAcre	IncreaseDiversityCheck	ImproveWalkabilityDesignCheck	ImproveWalkabilityDesignIntersections	ImproveDestinationAccessibilityCheck	ImproveDestinationAccessibilityDistance

IncreaseTransitAccessibilityCheck	IncreaseTransitAccessibilityDistance	IntegrateBelowMarketRateHousingCheck	IntegrateBelowMarketRateHousingDU	ImprovePedestrianNetworkCheck	ImprovePedestrianNetworkSelection	ProvideTrafficCalmingMeasuresCheck	ProvideTrafficCalmingMeasuresPercentStreet	ProvideTrafficCalmingMeasuresPercentIntersection

ImplementNEVNetworkCheck	ImplementNEVNetworkNumber	LimitParkingSupplyCheck	LimitParkingSupplySpacePercentReduction	UnbundleParkingCostCheck	UnbundleParkingCostCost	OnStreetMarketPricingCheck	OnStreetMarketPricingPricePercentIncrease	ProvideBRTSystemCheck

ProvideBRTSystemPercentBRT	ExpandTransitNetworkCheck	ExpandTransitNetworkTransitCoveragePercentIncrease	IncreaseTransitFrequencyCheck	IncreaseTransitFrequencyImplementationLevel	IncreaseTransitFrequencyHeadwaysPercentReduction

ImplementTripReductionProgramCheck	ImplementTripReductionProgramPercentEmployee	ImplementTripReductionProgramType	TransitSubsidyCheck	TransitSubsidyPercentEmployee	TransitSubsidyDailySubsidyAmount	ImplementEmployeeParkingCashOutCheck	ImplementEmployeeParkingCashOutPercentEmployee	WorkplaceParkingChargeCheck
0			0			0		0

WorkplaceParkingChargePercentEmployee	WorkplaceParkingChargeCost	EncourageTelecommutingCheck	EncourageTelecommutingPercentEmployee9_80	EncourageTelecommutingPercentEmployee4_40	EncourageTelecommutingPercentEmployee1_5days	MarketCommuteTripReductionOptionCheck	MarketCommuteTripReductionOptionPercentEmployee	EmployeeVanpoolCheck
		0				0		0

EmployeeVanpoolPercentEmployee	EmployeeVanpoolPercentModeShare	ProvideRideSharingProgramCheck	ProvideRideSharingProgramPercentEmployee	ImplementSchoolBusProgramCheck	ImplementSchoolBusProgramPercentFamilyUsing
	2	0		0	

LandscapeLawnmowerCheck	LandscapeLawnmowerPercentElectric	LandscapeLeafblowerCheck	LandscapeLeafblowerPercentElectric	LandscapeChainsawCheck	LandscapeChainsawPercentElectric	UseLowVOCPaintResidentialInteriorCheck	UseLowVOCPaintResidentialInteriorValue	UseLowVOCPaintResidentialExteriorCheck
0		0		0		0	250	0

UseLowVOCPaintResidentialExteriorValue	UseLowVOCPaintNonresidentialInteriorCheck	UseLowVOCPaintNonresidentialInteriorValue	UseLowVOCPaintNonresidentialExteriorCheck	UseLowVOCPaintNonresidentialExteriorValue	HearthOnlyNaturalGasHearthCheck	NoHearthCheck	UseLowVOCCleaningSuppliesCheck
250	0	250	0	250	0	0	0

ExceedTitle24Check	ExceedTitle24CheckPercentImprovement	InstallHighEfficiencyLightingCheck	InstallHighEfficiencyLightingPercentEnergyReduction	OnSiteRenewableEnergyCheck	KwhGeneratedCheck	KwhGenerated	PercentOfElectricityUseGeneratedCheck	PercentOfElectricityUseGenerated

Appliance Type	ApplianceLandUseSubType	PercentImprovement
ClothWasher		30
DishWasher		15
Fan		50
Refrigerator		15

ApplyWaterConservationStrategyCheck	ApplyWaterConservationStrategyPercentReductionIndoor	ApplyWaterConservationStrategyPercentReductionOutdoor	UseReclaimedWaterCheck	PercentOutdoorReclaimedWaterUse	PercentIndoorReclaimedWaterUse	UseGreyWaterCheck	PercentOutdoorGreyWaterUse	PercentIndoorGreyWaterUse
0			0			0		

InstallLowFlowBathroomFaucetCheck	PercentReductionInFlowBathroomFaucet	InstallLowFlowKitchenFaucetCheck	PercentReductionInFlowKitchenFaucet	InstallLowFlowToiletCheck	PercentReductionInFlowToilet	InstallLowFlowShowerCheck	PercentReductionInFlowShower	TurfReductionCheck
0	32	0	18	0	20	0	20	0

TurfReductionTurfArea	TurfReductionPercentReduction	UseWaterEfficientIrrigationSystemCheck	UseWaterEfficientIrrigationSystemPercentReduction	WaterEfficientLandscapeCheck	MAWA	ETWU
		0	6.1	0		

InstituteRecyclingAndCompostingServicesCheck	InstituteRecyclingAndCompostingServicesWastePercentReduction

tblOperationalOffRoadEquipment

OperOffRoadEquipmentType	OperOffRoadEquipmentNumber	OperHoursPerDay	OperDaysPerYear	OperHorsePower	OperLoadFactor	OperFuelType

SubModuleID	PhaseName	Season	Remarks
1			Selected General Light Industry as the most appropriate default land use type. Assumed that
3			The construction phasing is per the construction schedule within the PEA.
4			Off-highway trucks = water truck, spray truck.
5	Demobilization/Clean Up/Road Refreshing		Crew trucks and pickup trucks are included
5	Direct Bury Construction and Pole Installation		Off-highway trucks = water trucks (3), tractor trailer units (3), and bucket trucks (3).
5	Pier Foundation and Micropile Construction		Off-road Equipment - Off-highway trucks = water trucks (2), and cement trucks (10). Crew trucks
5	Pier Foundation Construction		Off-highway trucks = water trucks (2), and cement trucks (10). Crew trucks are counted
5	Staging Yard Setup, Road Refinishing, Vegetation Trimming, BMP Installation		Off-highway trucks = water trucks (2), tractor trailer units (2). Other construction equipment
5	Stringing Activities/Transfer Conductor/Sagging Activities		Off-highway trucks = water trucks (3), boom trucks (3), bucket trucks (3), wire truck, pulling
5	Trenching for Installation of Underground Cables		Off-highway trucks = water truck, bucket trucks (2), and wire dolly.
6			Trips and VMT-worker trips based on the max # of workers/phase. Assumed 10 haul
9			Grading-site preparation activities would occur at approximately 10.25 acres total. Assumed

25	Construction Off-road Equipment Mitigation - Mitigation measures: water exposed areas for