

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.18 230-kV Substation Transformer & Equip Delivery & Installation - 2023

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	0.0403	1.7070	0.4525	2.5000e-003	0.0327	1.1400e-003	0.0338	9.4700e-003	1.0900e-003	0.0106		268.0927	268.0927	0.0205		268.6051
Worker	0.0471	0.0323	0.3429	9.9000e-004	0.1167	7.2000e-004	0.1174	0.0310	6.6000e-004	0.0316		98.9781	98.9781	2.6600e-003		99.0446
Total	0.0874	1.7393	0.7955	3.4900e-003	0.1493	1.8600e-003	0.1512	0.0404	1.7500e-003	0.0422		367.0708	367.0708	0.0232		367.6497

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	1.8288	13.5256	13.6033	0.0467		0.5180	0.5180		0.4830	0.4830	0.0000	4,507.8392	4,507.8392	1.3491		4,541.5671
Total	1.8288	13.5256	13.6033	0.0467		0.5180	0.5180		0.4830	0.4830	0.0000	4,507.8392	4,507.8392	1.3491		4,541.5671

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.18 230-kV Substation Transformer & Equip Delivery & Installation - 2023

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	0.0403	1.7070	0.4525	2.5000e-003	0.0327	1.1400e-003	0.0338	9.4700e-003	1.0900e-003	0.0106		268.0927	268.0927	0.0205		268.6051
Worker	0.0471	0.0323	0.3429	9.9000e-004	0.1167	7.2000e-004	0.1174	0.0310	6.6000e-004	0.0316		98.9781	98.9781	2.6600e-003		99.0446
Total	0.0874	1.7393	0.7955	3.4900e-003	0.1493	1.8600e-003	0.1512	0.0404	1.7500e-003	0.0422		367.0708	367.0708	0.0232		367.6497

3.19 230-kV Substation Control Enclosure Delivery and Install - 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	0.2636	2.8616	1.3758	4.3300e-003		0.1195	0.1195		0.1099	0.1099		419.1144	419.1144	0.1356		422.5032
Total	0.2636	2.8616	1.3758	4.3300e-003		0.1195	0.1195		0.1099	0.1099		419.1144	419.1144	0.1356		422.5032

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.19 230-kV Substation Control Enclosure Delivery and Install - 2023

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	7.2900e-003	0.2205	0.0680	8.6000e-004	0.0241	5.1000e-004	0.0246	6.9200e-003	4.9000e-004	7.4100e-003		91.3400	91.3400	3.6800e-003		91.4321
Worker	0.0349	0.0247	0.2604	7.7000e-004	0.0913	5.5000e-004	0.0918	0.0242	5.1000e-004	0.0247		77.0193	77.0193	2.0400e-003		77.0703
Total	0.0422	0.2452	0.3284	1.6300e-003	0.1154	1.0600e-003	0.1164	0.0311	1.0000e-003	0.0321		168.3593	168.3593	5.7200e-003		168.5023

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	0.2636	2.8616	1.3758	4.3300e-003		0.1195	0.1195		0.1099	0.1099	0.0000	419.1144	419.1144	0.1356		422.5032
Total	0.2636	2.8616	1.3758	4.3300e-003		0.1195	0.1195		0.1099	0.1099	0.0000	419.1144	419.1144	0.1356		422.5032

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.19 230-kV Substation Control Enclosure Delivery and Install - 2023

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	7.2900e-003	0.2205	0.0680	8.6000e-004	0.0241	5.1000e-004	0.0246	6.9200e-003	4.9000e-004	7.4100e-003		91.3400	91.3400	3.6800e-003		91.4321
Worker	0.0349	0.0247	0.2604	7.7000e-004	0.0913	5.5000e-004	0.0918	0.0242	5.1000e-004	0.0247		77.0193	77.0193	2.0400e-003		77.0703
Total	0.0422	0.2452	0.3284	1.6300e-003	0.1154	1.0600e-003	0.1164	0.0311	1.0000e-003	0.0321		168.3593	168.3593	5.7200e-003		168.5023

3.20 230-kV Substation Remaining Equipment Delivery and Install - 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	0.3779	2.6759	2.4664	9.9200e-003		0.0968	0.0968		0.0890	0.0890		959.9164	959.9164	0.3105		967.6778
Total	0.3779	2.6759	2.4664	9.9200e-003		0.0968	0.0968		0.0890	0.0890		959.9164	959.9164	0.3105		967.6778

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.20 230-kV Substation Remaining Equipment Delivery and Install - 2023

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	0.0387	1.6171	0.4309	2.4900e-003	0.0354	1.1600e-003	0.0366	0.0103	1.1100e-003	0.0114		266.7112	266.7112	0.0197		267.2025
Worker	0.0262	0.0185	0.1953	5.8000e-004	0.0685	4.1000e-004	0.0689	0.0182	3.8000e-004	0.0185		57.7645	57.7645	1.5300e-003		57.8027
Total	0.0649	1.6356	0.6262	3.0700e-003	0.1039	1.5700e-003	0.1054	0.0284	1.4900e-003	0.0299		324.4757	324.4757	0.0212		325.0051

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	0.3779	2.6759	2.4664	9.9200e-003		0.0968	0.0968		0.0890	0.0890	0.0000	959.9164	959.9164	0.3105		967.6778
Total	0.3779	2.6759	2.4664	9.9200e-003		0.0968	0.0968		0.0890	0.0890	0.0000	959.9164	959.9164	0.3105		967.6778

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.20 230-kV Substation Remaining Equipment Delivery and Install - 2023

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	0.0387	1.6171	0.4309	2.4900e-003	0.0354	1.1600e-003	0.0366	0.0103	1.1100e-003	0.0114		266.7112	266.7112	0.0197		267.2025
Worker	0.0262	0.0185	0.1953	5.8000e-004	0.0685	4.1000e-004	0.0689	0.0182	3.8000e-004	0.0185		57.7645	57.7645	1.5300e-003		57.8027
Total	0.0649	1.6356	0.6262	3.0700e-003	0.1039	1.5700e-003	0.1054	0.0284	1.4900e-003	0.0299		324.4757	324.4757	0.0212		325.0051

3.21 230-kV Transmission Conductor - 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	1.7984	15.7207	10.7044	0.0394		0.6165	0.6165		0.5672	0.5672		3,817.1203	3,817.1203	1.2345		3,847.9837
Total	1.7984	15.7207	10.7044	0.0394		0.6165	0.6165		0.5672	0.5672		3,817.1203	3,817.1203	1.2345		3,847.9837

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Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.21 230-kV Transmission Conductor - 2023

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	0.0401	1.2128	0.3741	4.7100e-003	0.1324	2.8000e-003	0.1352	0.0381	2.6800e-003	0.0408		502.3702	502.3702	0.0203		502.8764
Worker	0.1106	0.0781	0.8246	2.4500e-003	0.2891	1.7500e-003	0.2908	0.0767	1.6100e-003	0.0783		243.8943	243.8943	6.4600e-003		244.0558
Total	0.1507	1.2908	1.1986	7.1600e-003	0.4214	4.5500e-003	0.4260	0.1148	4.2900e-003	0.1191		746.2645	746.2645	0.0267		746.9322

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	1.7984	15.7207	10.7044	0.0394		0.6165	0.6165		0.5672	0.5672	0.0000	3,817.1203	3,817.1203	1.2345		3,847.9837
Total	1.7984	15.7207	10.7044	0.0394		0.6165	0.6165		0.5672	0.5672	0.0000	3,817.1203	3,817.1203	1.2345		3,847.9837

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Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.21 230-kV Transmission Conductor - 2023

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	0.0401	1.2128	0.3741	4.7100e-003	0.1324	2.8000e-003	0.1352	0.0381	2.6800e-003	0.0408		502.3702	502.3702	0.0203		502.8764
Worker	0.1106	0.0781	0.8246	2.4500e-003	0.2891	1.7500e-003	0.2908	0.0767	1.6100e-003	0.0783		243.8943	243.8943	6.4600e-003		244.0558
Total	0.1507	1.2908	1.1986	7.1600e-003	0.4214	4.5500e-003	0.4260	0.1148	4.2900e-003	0.1191		746.2645	746.2645	0.0267		746.9322

3.22 70-kV Substation Equip Delivery & Installation - 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	0.3679	2.8885	3.2533	0.0104		0.0945	0.0945		0.0870	0.0870		1,007.9647	1,007.9647	0.3260		1,016.1146
Total	0.3679	2.8885	3.2533	0.0104		0.0945	0.0945		0.0870	0.0870		1,007.9647	1,007.9647	0.3260		1,016.1146

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.22 70-kV Substation Equip Delivery & Installation - 2023

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	0.0437	1.3230	0.4081	5.1300e-003	0.1444	3.0600e-003	0.1475	0.0415	2.9200e-003	0.0445		548.0402	548.0402	0.0221		548.5924
Worker	0.0392	0.0264	0.2808	8.0000e-004	0.0935	5.9000e-004	0.0941	0.0248	5.4000e-004	0.0254		79.6305	79.6305	2.1600e-003		79.6846
Total	0.0829	1.3494	0.6888	5.9300e-003	0.2379	3.6500e-003	0.2416	0.0664	3.4600e-003	0.0698		627.6707	627.6707	0.0243		628.2771

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	0.3679	2.8885	3.2533	0.0104		0.0945	0.0945		0.0870	0.0870	0.0000	1,007.9647	1,007.9647	0.3260		1,016.1146
Total	0.3679	2.8885	3.2533	0.0104		0.0945	0.0945		0.0870	0.0870	0.0000	1,007.9647	1,007.9647	0.3260		1,016.1146

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.22 70-kV Substation Equip Delivery & Installation - 2023

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	0.0437	1.3230	0.4081	5.1300e-003	0.1444	3.0600e-003	0.1475	0.0415	2.9200e-003	0.0445		548.0402	548.0402	0.0221		548.5924
Worker	0.0392	0.0264	0.2808	8.0000e-004	0.0935	5.9000e-004	0.0941	0.0248	5.4000e-004	0.0254		79.6305	79.6305	2.1600e-003		79.6846
Total	0.0829	1.3494	0.6888	5.9300e-003	0.2379	3.6500e-003	0.2416	0.0664	3.4600e-003	0.0698		627.6707	627.6707	0.0243		628.2771

3.23 70-kV Substation Control Enclosure Delivery and Install - 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	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.23 70-kV Substation Control Enclosure Delivery and Install - 2023

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	7.2900e-003	0.2205	0.0680	8.6000e-004	0.0241	5.1000e-004	0.0246	6.9200e-003	4.9000e-004	7.4100e-003		91.3400	91.3400	3.6800e-003		91.4321
Worker	0.0331	0.0230	0.2439	7.2000e-004	0.0843	5.1000e-004	0.0848	0.0224	4.7000e-004	0.0228		71.2787	71.2787	1.9000e-003		71.3262
Total	0.0404	0.2435	0.3119	1.5800e-003	0.1083	1.0200e-003	0.1094	0.0293	9.6000e-004	0.0302		162.6187	162.6187	5.5800e-003		162.7583

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	0.0000	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.23 70-kV Substation Control Enclosure Delivery and Install - 2023

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	7.2900e-003	0.2205	0.0680	8.6000e-004	0.0241	5.1000e-004	0.0246	6.9200e-003	4.9000e-004	7.4100e-003		91.3400	91.3400	3.6800e-003		91.4321
Worker	0.0331	0.0230	0.2439	7.2000e-004	0.0843	5.1000e-004	0.0848	0.0224	4.7000e-004	0.0228		71.2787	71.2787	1.9000e-003		71.3262
Total	0.0404	0.2435	0.3119	1.5800e-003	0.1083	1.0200e-003	0.1094	0.0293	9.6000e-004	0.0302		162.6187	162.6187	5.5800e-003		162.7583

3.24 230-kV Transmission Site Clean-up and Restoration - 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	0.4591	5.4209	2.8083	8.1800e-003		0.1887	0.1887		0.1736	0.1736		791.6434	791.6434	0.2560		798.0443
Total	0.4591	5.4209	2.8083	8.1800e-003		0.1887	0.1887		0.1736	0.1736		791.6434	791.6434	0.2560		798.0443

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.24 230-kV Transmission Site Clean-up and Restoration - 2023

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	0.0328	0.9923	0.3061	3.8500e-003	0.1083	2.2900e-003	0.1106	0.0312	2.1900e-003	0.0334		411.0301	411.0301	0.0166		411.4443
Worker	0.0408	0.0288	0.3038	9.0000e-004	0.1065	6.4000e-004	0.1071	0.0283	5.9000e-004	0.0288		89.8558	89.8558	2.3800e-003		89.9153
Total	0.0736	1.0210	0.6098	4.7500e-003	0.2148	2.9300e-003	0.2177	0.0594	2.7800e-003	0.0622		500.8859	500.8859	0.0190		501.3596

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	0.4591	5.4209	2.8083	8.1800e-003		0.1887	0.1887		0.1736	0.1736	0.0000	791.6434	791.6434	0.2560		798.0443
Total	0.4591	5.4209	2.8083	8.1800e-003		0.1887	0.1887		0.1736	0.1736	0.0000	791.6434	791.6434	0.2560		798.0443

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.24 230-kV Transmission Site Clean-up and Restoration - 2023

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	0.0328	0.9923	0.3061	3.8500e-003	0.1083	2.2900e-003	0.1106	0.0312	2.1900e-003	0.0334		411.0301	411.0301	0.0166		411.4443
Worker	0.0408	0.0288	0.3038	9.0000e-004	0.1065	6.4000e-004	0.1071	0.0283	5.9000e-004	0.0288		89.8558	89.8558	2.3800e-003		89.9153
Total	0.0736	1.0210	0.6098	4.7500e-003	0.2148	2.9300e-003	0.2177	0.0594	2.7800e-003	0.0622		500.8859	500.8859	0.0190		501.3596

3.25 230-kV Substation Cable Installation and Termination - 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	0.0341	0.5248	1.0747	1.6500e-003		9.0700e-003	9.0700e-003		8.3400e-003	8.3400e-003		160.0386	160.0386	0.0518		161.3326
Total	0.0341	0.5248	1.0747	1.6500e-003		9.0700e-003	9.0700e-003		8.3400e-003	8.3400e-003		160.0386	160.0386	0.0518		161.3326

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.25 230-kV Substation Cable Installation and Termination - 2023

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	0.0109	0.3308	0.1020	1.2800e-003	0.0361	7.6000e-004	0.0369	0.0104	7.3000e-004	0.0111		137.0100	137.0100	5.5200e-003		137.1481
Worker	0.0291	0.0205	0.2170	6.4000e-004	0.0761	4.6000e-004	0.0765	0.0202	4.2000e-004	0.0206		64.1827	64.1827	1.7000e-003		64.2252
Total	0.0400	0.3513	0.3190	1.9200e-003	0.1122	1.2200e-003	0.1134	0.0306	1.1500e-003	0.0317		201.1928	201.1928	7.2200e-003		201.3733

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	0.0341	0.5248	1.0747	1.6500e-003		9.0700e-003	9.0700e-003		8.3400e-003	8.3400e-003	0.0000	160.0386	160.0386	0.0518		161.3326
Total	0.0341	0.5248	1.0747	1.6500e-003		9.0700e-003	9.0700e-003		8.3400e-003	8.3400e-003	0.0000	160.0386	160.0386	0.0518		161.3326

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.25 230-kV Substation Cable Installation and Termination - 2023

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	0.0109	0.3308	0.1020	1.2800e-003	0.0361	7.6000e-004	0.0369	0.0104	7.3000e-004	0.0111		137.0100	137.0100	5.5200e-003		137.1481
Worker	0.0291	0.0205	0.2170	6.4000e-004	0.0761	4.6000e-004	0.0765	0.0202	4.2000e-004	0.0206		64.1827	64.1827	1.7000e-003		64.2252
Total	0.0400	0.3513	0.3190	1.9200e-003	0.1122	1.2200e-003	0.1134	0.0306	1.1500e-003	0.0317		201.1928	201.1928	7.2200e-003		201.3733

3.26 230-kV Substation Testing and Commissioning - 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	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.26 230-kV Substation Testing and Commissioning - 2023

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	0.0947	2.8665	0.8841	0.0111	0.3129	6.6200e-003	0.3195	0.0900	6.3400e-003	0.0963		1,187.4204	1,187.4204	0.0479		1,188.6170
Worker	0.0273	0.0179	0.1915	5.3000e-004	0.0620	4.0000e-004	0.0624	0.0165	3.7000e-004	0.0168		53.0877	53.0877	1.4600e-003		53.1242
Total	0.1220	2.8844	1.0756	0.0117	0.3749	7.0200e-003	0.3819	0.1065	6.7100e-003	0.1132		1,240.5080	1,240.5080	0.0493		1,241.7412

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	0.0000	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.26 230-kV Substation Testing and Commissioning - 2023

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	0.0947	2.8665	0.8841	0.0111	0.3129	6.6200e-003	0.3195	0.0900	6.3400e-003	0.0963		1,187.4204	1,187.4204	0.0479			1,188.6170
Worker	0.0273	0.0179	0.1915	5.3000e-004	0.0620	4.0000e-004	0.0624	0.0165	3.7000e-004	0.0168		53.0877	53.0877	1.4600e-003			53.1242
Total	0.1220	2.8844	1.0756	0.0117	0.3749	7.0200e-003	0.3819	0.1065	6.7100e-003	0.1132		1,240.5080	1,240.5080	0.0493			1,241.7412

3.27 70-kV Substation Cable Installation and Termination - 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	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000			0.0000

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.27 70-kV Substation Cable Installation and Termination - 2023

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	0.0109	0.3308	0.1020	1.2800e-003	0.0361	7.6000e-004	0.0369	0.0104	7.3000e-004	0.0111		137.0100	137.0100	5.5200e-003		137.1481
Worker	0.0271	0.0178	0.1900	5.3000e-004	0.0614	3.9000e-004	0.0618	0.0163	3.6000e-004	0.0167		52.5658	52.5658	1.4500e-003		52.6020
Total	0.0381	0.3485	0.2920	1.8100e-003	0.0975	1.1500e-003	0.0987	0.0267	1.0900e-003	0.0278		189.5758	189.5758	6.9700e-003		189.7501

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	0.0000	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.27 70-kV Substation Cable Installation and Termination - 2023

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	0.0109	0.3308	0.1020	1.2800e-003	0.0361	7.6000e-004	0.0369	0.0104	7.3000e-004	0.0111		137.0100	137.0100	5.5200e-003		137.1481
Worker	0.0271	0.0178	0.1900	5.3000e-004	0.0614	3.9000e-004	0.0618	0.0163	3.6000e-004	0.0167		52.5658	52.5658	1.4500e-003		52.6020
Total	0.0381	0.3485	0.2920	1.8100e-003	0.0975	1.1500e-003	0.0987	0.0267	1.0900e-003	0.0278		189.5758	189.5758	6.9700e-003		189.7501

3.28 70-kV Power Line Site Development Mobilization - 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					
Fugitive Dust					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	0.6509	7.7474	3.6546	0.0115		0.2640	0.2640		0.2429	0.2429		1,112.0710	1,112.0710	0.3597		1,121.0627
Total	0.6509	7.7474	3.6546	0.0115	1.5908	0.2640	1.8548	0.1718	0.2429	0.4147		1,112.0710	1,112.0710	0.3597		1,121.0627

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.28 70-kV Power Line Site Development Mobilization - 2023

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	0.0364	1.1025	0.3401	4.2800e-003	0.1203	2.5500e-003	0.1229	0.0346	2.4400e-003	0.0371		456.7001	456.7001	0.0184		457.1604
Worker	0.0530	0.0365	0.3868	1.1200e-003	0.1321	8.1000e-004	0.1329	0.0350	7.5000e-004	0.0358		111.9637	111.9637	3.0000e-003		112.0388
Total	0.0894	1.1390	0.7268	5.4000e-003	0.2524	3.3600e-003	0.2558	0.0697	3.1900e-003	0.0729		568.6639	568.6639	0.0214		569.1992

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					0.6204	0.0000	0.6204	0.0670	0.0000	0.0670			0.0000			0.0000
Off-Road	0.6509	7.7474	3.6546	0.0115		0.2640	0.2640		0.2429	0.2429	0.0000	1,112.0710	1,112.0710	0.3597		1,121.0626
Total	0.6509	7.7474	3.6546	0.0115	0.6204	0.2640	0.8844	0.0670	0.2429	0.3099	0.0000	1,112.0710	1,112.0710	0.3597		1,121.0626

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.28 70-kV Power Line Site Development Mobilization - 2023

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	0.0364	1.1025	0.3401	4.2800e-003	0.1203	2.5500e-003	0.1229	0.0346	2.4400e-003	0.0371		456.7001	456.7001	0.0184		457.1604
Worker	0.0530	0.0365	0.3868	1.1200e-003	0.1321	8.1000e-004	0.1329	0.0350	7.5000e-004	0.0358		111.9637	111.9637	3.0000e-003		112.0388
Total	0.0894	1.1390	0.7268	5.4000e-003	0.2524	3.3600e-003	0.2558	0.0697	3.1900e-003	0.0729		568.6639	568.6639	0.0214		569.1992

3.29 Reconductoring Segment Clean-up and Restoration - 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					
Fugitive Dust					0.3977	0.0000	0.3977	0.0429	0.0000	0.0429			0.0000			0.0000
Off-Road	0.3633	4.2576	2.3851	6.5200e-003		0.1510	0.1510		0.1389	0.1389		631.4296	631.4296	0.2042		636.5351
Total	0.3633	4.2576	2.3851	6.5200e-003	0.3977	0.1510	0.5487	0.0429	0.1389	0.1818		631.4296	631.4296	0.2042		636.5351

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.29 Reconductoring Segment Clean-up and Restoration - 2023

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	0.0182	0.5513	0.1700	2.1400e-003	0.0602	1.2700e-003	0.0614	0.0173	1.2200e-003	0.0185		228.3501	228.3501	9.2000e-003		228.5802
Worker	0.0410	0.0280	0.2971	8.6000e-004	0.1004	6.2000e-004	0.1011	0.0267	5.7000e-004	0.0272		85.2966	85.2966	2.3000e-003		85.3541
Total	0.0592	0.5792	0.4671	3.0000e-003	0.1606	1.8900e-003	0.1625	0.0440	1.7900e-003	0.0458		313.6467	313.6467	0.0115		313.9343

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					0.1551	0.0000	0.1551	0.0168	0.0000	0.0168			0.0000			0.0000
Off-Road	0.3633	4.2576	2.3851	6.5200e-003		0.1510	0.1510		0.1389	0.1389	0.0000	631.4296	631.4296	0.2042		636.5351
Total	0.3633	4.2576	2.3851	6.5200e-003	0.1551	0.1510	0.3061	0.0168	0.1389	0.1556	0.0000	631.4296	631.4296	0.2042		636.5351

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.29 Reconductoring Segment Clean-up and Restoration - 2023

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	0.0182	0.5513	0.1700	2.1400e-003	0.0602	1.2700e-003	0.0614	0.0173	1.2200e-003	0.0185		228.3501	228.3501	9.2000e-003		228.5802
Worker	0.0410	0.0280	0.2971	8.6000e-004	0.1004	6.2000e-004	0.1011	0.0267	5.7000e-004	0.0272		85.2966	85.2966	2.3000e-003		85.3541
Total	0.0592	0.5792	0.4671	3.0000e-003	0.1606	1.8900e-003	0.1625	0.0440	1.7900e-003	0.0458		313.6467	313.6467	0.0115		313.9343

3.30 70-kV Power Line Pole Tower Installation - 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	1.9144	14.9150	14.1297	0.0472		0.5804	0.5804		0.5340	0.5340		4,571.4399	4,571.4399	1.4785		4,608.4023
Total	1.9144	14.9150	14.1297	0.0472		0.5804	0.5804		0.5340	0.5340		4,571.4399	4,571.4399	1.4785		4,608.4023

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.30 70-kV Power Line Pole Tower Installation - 2023

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	0.0547	1.6538	0.5101	6.4200e-003	0.1805	3.8200e-003	0.1843	0.0519	3.6500e-003	0.0556		685.0502	685.0502	0.0276		685.7406
Worker	0.1043	0.0709	0.7540	2.1700e-003	0.2543	1.5800e-003	0.2558	0.0675	1.4600e-003	0.0689		216.0253	216.0253	5.8300e-003		216.1711
Total	0.1590	1.7247	1.2641	8.5900e-003	0.4348	5.4000e-003	0.4402	0.1194	5.1100e-003	0.1245		901.0755	901.0755	0.0334		901.9116

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	1.9144	14.9150	14.1297	0.0472		0.5804	0.5804		0.5340	0.5340	0.0000	4,571.4399	4,571.4399	1.4785		4,608.4023
Total	1.9144	14.9150	14.1297	0.0472		0.5804	0.5804		0.5340	0.5340	0.0000	4,571.4399	4,571.4399	1.4785		4,608.4023

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Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.30 70-kV Power Line Pole Tower Installation - 2023

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	0.0547	1.6538	0.5101	6.4200e-003	0.1805	3.8200e-003	0.1843	0.0519	3.6500e-003	0.0556		685.0502	685.0502	0.0276		685.7406
Worker	0.1043	0.0709	0.7540	2.1700e-003	0.2543	1.5800e-003	0.2558	0.0675	1.4600e-003	0.0689		216.0253	216.0253	5.8300e-003		216.1711
Total	0.1590	1.7247	1.2641	8.5900e-003	0.4348	5.4000e-003	0.4402	0.1194	5.1100e-003	0.1245		901.0755	901.0755	0.0334		901.9116

3.31 70-kV Substation Install Yard Rock - 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	0.7203	5.9683	6.9052	0.0184		0.2341	0.2341		0.2154	0.2154		1,781.9512	1,781.9512	0.5763		1,796.3592
Total	0.7203	5.9683	6.9052	0.0184		0.2341	0.2341		0.2154	0.2154		1,781.9512	1,781.9512	0.5763		1,796.3592

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Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.31 70-kV Substation Install Yard Rock - 2023

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	0.0583	1.7640	0.5441	6.8500e-003	0.1925	4.0800e-003	0.1966	0.0554	3.9000e-003	0.0593		730.7202	730.7202	0.0295		731.4566
Worker	0.0349	0.0247	0.2604	7.7000e-004	0.0913	5.5000e-004	0.0918	0.0242	5.1000e-004	0.0247		77.0193	77.0193	2.0400e-003		77.0703
Total	0.0932	1.7887	0.8045	7.6200e-003	0.2838	4.6300e-003	0.2885	0.0796	4.4100e-003	0.0840		807.7395	807.7395	0.0315		808.5269

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	0.7203	5.9683	6.9052	0.0184		0.2341	0.2341		0.2154	0.2154	0.0000	1,781.9512	1,781.9512	0.5763		1,796.3592
Total	0.7203	5.9683	6.9052	0.0184		0.2341	0.2341		0.2154	0.2154	0.0000	1,781.9512	1,781.9512	0.5763		1,796.3592

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.31 70-kV Substation Install Yard Rock - 2023

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	0.0583	1.7640	0.5441	6.8500e-003	0.1925	4.0800e-003	0.1966	0.0554	3.9000e-003	0.0593		730.7202	730.7202	0.0295		731.4566
Worker	0.0349	0.0247	0.2604	7.7000e-004	0.0913	5.5000e-004	0.0918	0.0242	5.1000e-004	0.0247		77.0193	77.0193	2.0400e-003		77.0703
Total	0.0932	1.7887	0.8045	7.6200e-003	0.2838	4.6300e-003	0.2885	0.0796	4.4100e-003	0.0840		807.7395	807.7395	0.0315		808.5269

3.32 230-kV Substation Cleanup and Restoration - 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					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2353	2.3090	3.1169	4.2600e-003		0.1235	0.1235		0.1137	0.1137		412.1960	412.1960	0.1333		415.5288
Total	0.2353	2.3090	3.1169	4.2600e-003	0.0000	0.1235	0.1235	0.0000	0.1137	0.1137		412.1960	412.1960	0.1333		415.5288

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.32 230-kV Substation Cleanup and Restoration - 2023

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	0.1057	3.1972	0.9862	0.0124	0.3490	7.3900e-003	0.3564	0.1004	7.0700e-003	0.1075		1,324.4304	1,324.4304	0.0534		1,325.7651
Worker	0.0196	0.0132	0.1404	4.0000e-004	0.0468	2.9000e-004	0.0471	0.0124	2.7000e-004	0.0127		39.8153	39.8153	1.0800e-003		39.8423
Total	0.1253	3.2104	1.1265	0.0128	0.3957	7.6800e-003	0.4034	0.1128	7.3400e-003	0.1201		1,364.2457	1,364.2457	0.0545		1,365.6074

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2353	2.3090	3.1169	4.2600e-003		0.1235	0.1235		0.1137	0.1137	0.0000	412.1960	412.1960	0.1333		415.5288
Total	0.2353	2.3090	3.1169	4.2600e-003	0.0000	0.1235	0.1235	0.0000	0.1137	0.1137	0.0000	412.1960	412.1960	0.1333		415.5288

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.32 230-kV Substation Cleanup and Restoration - 2023

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	0.1057	3.1972	0.9862	0.0124	0.3490	7.3900e-003	0.3564	0.1004	7.0700e-003	0.1075		1,324.4304	1,324.4304	0.0534		1,325.7651
Worker	0.0196	0.0132	0.1404	4.0000e-004	0.0468	2.9000e-004	0.0471	0.0124	2.7000e-004	0.0127		39.8153	39.8153	1.0800e-003		39.8423
Total	0.1253	3.2104	1.1265	0.0128	0.3957	7.6800e-003	0.4034	0.1128	7.3400e-003	0.1201		1,364.2457	1,364.2457	0.0545		1,365.6074

3.33 70-kV Cleanup and Restoration - 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					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.33 70-kV Cleanup and Restoration - 2023

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	0.0254	0.0173	0.1837	5.3000e-004	0.0619	3.9000e-004	0.0623	0.0164	3.6000e-004	0.0168		52.6270	52.6270	1.4200e-003		52.6625
Total	0.0254	0.0173	0.1837	5.3000e-004	0.0619	3.9000e-004	0.0623	0.0164	3.6000e-004	0.0168		52.6270	52.6270	1.4200e-003		52.6625

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.33 70-kV Cleanup and Restoration - 2023

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	0.0254	0.0173	0.1837	5.3000e-004	0.0619	3.9000e-004	0.0623	0.0164	3.6000e-004	0.0168		52.6270	52.6270	1.4200e-003		52.6625
Total	0.0254	0.0173	0.1837	5.3000e-004	0.0619	3.9000e-004	0.0623	0.0164	3.6000e-004	0.0168		52.6270	52.6270	1.4200e-003		52.6625

3.34 70-kV Substation Testing and Commissioning - 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	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.34 70-kV Substation Testing and Commissioning - 2023

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	7.2900e-003	0.2205	0.0680	8.6000e-004	0.0241	5.1000e-004	0.0246	6.9200e-003	4.9000e-004	7.4100e-003		91.3400	91.3400	3.6800e-003		91.4321
Worker	0.0312	0.0214	0.2271	6.6000e-004	0.0772	4.8000e-004	0.0776	0.0205	4.4000e-004	0.0209		65.4635	65.4635	1.7600e-003		65.5075
Total	0.0385	0.2419	0.2951	1.5200e-003	0.1012	9.9000e-004	0.1022	0.0274	9.3000e-004	0.0283		156.8035	156.8035	5.4400e-003		156.9396

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	0.0000	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.34 70-kV Substation Testing and Commissioning - 2023

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	7.2900e-003	0.2205	0.0680	8.6000e-004	0.0241	5.1000e-004	0.0246	6.9200e-003	4.9000e-004	7.4100e-003		91.3400	91.3400	3.6800e-003		91.4321
Worker	0.0312	0.0214	0.2271	6.6000e-004	0.0772	4.8000e-004	0.0776	0.0205	4.4000e-004	0.0209		65.4635	65.4635	1.7600e-003		65.5075
Total	0.0385	0.2419	0.2951	1.5200e-003	0.1012	9.9000e-004	0.1022	0.0274	9.3000e-004	0.0283		156.8035	156.8035	5.4400e-003		156.9396

3.35 70-kV Power Line Conductor Installation - 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	2.4583	21.0710	16.4869	0.0538		0.8689	0.8689		0.7994	0.7994		5,204.5755	5,204.5755	1.6833		5,246.6571
Total	2.4583	21.0710	16.4869	0.0538		0.8689	0.8689		0.7994	0.7994		5,204.5755	5,204.5755	1.6833		5,246.6571

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3.35 70-kV Power Line Conductor Installation - 2023

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	0.0364	1.1025	0.3401	4.2800e-003	0.1203	2.5500e-003	0.1229	0.0346	2.4400e-003	0.0371		456.7001	456.7001	0.0184		457.1604
Worker	0.0840	0.0577	0.6119	1.7700e-003	0.2084	1.2900e-003	0.2097	0.0553	1.1900e-003	0.0565		176.7562	176.7562	4.7500e-003		176.8750
Total	0.1204	1.1602	0.9520	6.0500e-003	0.3288	3.8400e-003	0.3326	0.0899	3.6300e-003	0.0935		633.4564	633.4564	0.0232		634.0353

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	2.4583	21.0710	16.4869	0.0538		0.8689	0.8689		0.7994	0.7994	0.0000	5,204.5755	5,204.5755	1.6833		5,246.6571
Total	2.4583	21.0710	16.4869	0.0538		0.8689	0.8689		0.7994	0.7994	0.0000	5,204.5755	5,204.5755	1.6833		5,246.6571

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3.35 70-kV Power Line Conductor Installation - 2023

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	0.0364	1.1025	0.3401	4.2800e-003	0.1203	2.5500e-003	0.1229	0.0346	2.4400e-003	0.0371		456.7001	456.7001	0.0184		457.1604
Worker	0.0840	0.0577	0.6119	1.7700e-003	0.2084	1.2900e-003	0.2097	0.0553	1.1900e-003	0.0565		176.7562	176.7562	4.7500e-003		176.8750
Total	0.1204	1.1602	0.9520	6.0500e-003	0.3288	3.8400e-003	0.3326	0.0899	3.6300e-003	0.0935		633.4564	633.4564	0.0232		634.0353

3.35 70-kV Power Line Conductor Installation - 2024

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	2.3759	19.5109	16.2391	0.0538		0.7922	0.7922		0.7288	0.7288		5,205.8190	5,205.8190	1.6837		5,247.9107
Total	2.3759	19.5109	16.2391	0.0538		0.7922	0.7922		0.7288	0.7288		5,205.8190	5,205.8190	1.6837		5,247.9107

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3.35 70-kV Power Line Conductor Installation - 2024

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	0.0348	1.0660	0.3235	4.2500e-003	0.1204	2.3600e-003	0.1227	0.0346	2.2600e-003	0.0369		454.2105	454.2105	0.0186		454.6759
Worker	0.0790	0.0520	0.5644	1.7000e-003	0.2084	1.2600e-003	0.2097	0.0553	1.1600e-003	0.0565		169.8887	169.8887	4.2600e-003		169.9953
Total	0.1138	1.1180	0.8879	5.9500e-003	0.3288	3.6200e-003	0.3324	0.0899	3.4200e-003	0.0933		624.0992	624.0992	0.0229		624.6712

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	2.3759	19.5109	16.2391	0.0538		0.7922	0.7922		0.7288	0.7288	0.0000	5,205.8190	5,205.8190	1.6837		5,247.9107
Total	2.3759	19.5109	16.2391	0.0538		0.7922	0.7922		0.7288	0.7288	0.0000	5,205.8190	5,205.8190	1.6837		5,247.9107

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3.35 70-kV Power Line Conductor Installation - 2024

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	0.0348	1.0660	0.3235	4.2500e-003	0.1204	2.3600e-003	0.1227	0.0346	2.2600e-003	0.0369		454.2105	454.2105	0.0186		454.6759
Worker	0.0790	0.0520	0.5644	1.7000e-003	0.2084	1.2600e-003	0.2097	0.0553	1.1600e-003	0.0565		169.8887	169.8887	4.2600e-003		169.9953
Total	0.1138	1.1180	0.8879	5.9500e-003	0.3288	3.6200e-003	0.3324	0.0899	3.4200e-003	0.0933		624.0992	624.0992	0.0229		624.6712

3.36 70-kV Power Line Clean-up and Restoration - 2024

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					0.3977	0.0000	0.3977	0.0429	0.0000	0.0429			0.0000			0.0000
Off-Road	0.3379	3.8409	2.3601	6.5200e-003		0.1343	0.1343		0.1236	0.1236		631.2640	631.2640	0.2042		636.3681
Total	0.3379	3.8409	2.3601	6.5200e-003	0.3977	0.1343	0.5320	0.0429	0.1236	0.1665		631.2640	631.2640	0.2042		636.3681

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

3.36 70-kV Power Line Clean-up and Restoration - 2024

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	0.0244	0.7462	0.2265	2.9800e-003	0.0843	1.6500e-003	0.0859	0.0242	1.5800e-003	0.0258		317.9474	317.9474	0.0130		318.2731
Worker	0.0413	0.0276	0.2986	9.1000e-004	0.1117	6.7000e-004	0.1124	0.0296	6.1000e-004	0.0303		90.8673	90.8673	2.2700e-003		90.9239
Total	0.0657	0.7737	0.5251	3.8900e-003	0.1960	2.3200e-003	0.1983	0.0539	2.1900e-003	0.0561		408.8146	408.8146	0.0153		409.1970

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					0.1551	0.0000	0.1551	0.0168	0.0000	0.0168			0.0000			0.0000
Off-Road	0.3379	3.8409	2.3601	6.5200e-003		0.1343	0.1343		0.1236	0.1236	0.0000	631.2640	631.2640	0.2042		636.3681
Total	0.3379	3.8409	2.3601	6.5200e-003	0.1551	0.1343	0.2894	0.0168	0.1236	0.1403	0.0000	631.2640	631.2640	0.2042		636.3681

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3.36 70-kV Power Line Clean-up and Restoration - 2024

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	0.0244	0.7462	0.2265	2.9800e-003	0.0843	1.6500e-003	0.0859	0.0242	1.5800e-003	0.0258		317.9474	317.9474	0.0130		318.2731
Worker	0.0413	0.0276	0.2986	9.1000e-004	0.1117	6.7000e-004	0.1124	0.0296	6.1000e-004	0.0303		90.8673	90.8673	2.2700e-003		90.9239
Total	0.0657	0.7737	0.5251	3.8900e-003	0.1960	2.3200e-003	0.1983	0.0539	2.1900e-003	0.0561		408.8146	408.8146	0.0153		409.1970

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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	ROG	NOx	CO	SO2	Fugitive 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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
General Light Industry	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

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
General Light Industry	13.00	5.00	5.00	59.00	28.00	13.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.588806	0.027737	0.198305	0.114471	0.022249	0.005748	0.012759	0.019721	0.002316	0.001163	0.004776	0.000758	0.001192

5.0 Energy Detail

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Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive 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	4.2200e-003	0.0384	0.0322	2.3000e-004		2.9200e-003	2.9200e-003		2.9200e-003	2.9200e-003		46.0532	46.0532	8.8000e-004	8.4000e-004	46.3269
NaturalGas Unmitigated	4.2200e-003	0.0384	0.0322	2.3000e-004		2.9200e-003	2.9200e-003		2.9200e-003	2.9200e-003		46.0532	46.0532	8.8000e-004	8.4000e-004	46.3269

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					
General Light Industry	391.452	4.2200e-003	0.0384	0.0322	2.3000e-004		2.9200e-003	2.9200e-003		2.9200e-003	2.9200e-003		46.0532	46.0532	8.8000e-004	8.4000e-004	46.3269
Total		4.2200e-003	0.0384	0.0322	2.3000e-004		2.9200e-003	2.9200e-003		2.9200e-003	2.9200e-003		46.0532	46.0532	8.8000e-004	8.4000e-004	46.3269

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5.2 Energy by Land Use - Natural Gas

Mitigated

	Natural Gas 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					
General Light Industry	0.391452	4.2200e-003	0.0384	0.0322	2.3000e-004		2.9200e-003	2.9200e-003		2.9200e-003	2.9200e-003		46.0532	46.0532	8.8000e-004	8.4000e-004	46.3269
Total		4.2200e-003	0.0384	0.0322	2.3000e-004		2.9200e-003	2.9200e-003		2.9200e-003	2.9200e-003		46.0532	46.0532	8.8000e-004	8.4000e-004	46.3269

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive 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	152.9488	6.6100e-003	0.7282	5.0000e-005		2.5900e-003	2.5900e-003		2.5900e-003	2.5900e-003		1.5635	1.5635	4.0800e-003		1.6655
Unmitigated	152.9488	6.6100e-003	0.7282	5.0000e-005		2.5900e-003	2.5900e-003		2.5900e-003	2.5900e-003		1.5635	1.5635	4.0800e-003		1.6655

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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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	152.8816					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0672	6.6100e-003	0.7282	5.0000e-005		2.5900e-003	2.5900e-003		2.5900e-003	2.5900e-003		1.5635	1.5635	4.0800e-003		1.6655
Total	152.9488	6.6100e-003	0.7282	5.0000e-005		2.5900e-003	2.5900e-003		2.5900e-003	2.5900e-003		1.5635	1.5635	4.0800e-003		1.6655

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	152.8816					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0672	6.6100e-003	0.7282	5.0000e-005		2.5900e-003	2.5900e-003		2.5900e-003	2.5900e-003		1.5635	1.5635	4.0800e-003		1.6655
Total	152.9488	6.6100e-003	0.7282	5.0000e-005		2.5900e-003	2.5900e-003		2.5900e-003	2.5900e-003		1.5635	1.5635	4.0800e-003		1.6655

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Summer

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Off-Highway Trucks	1	4.00	13	402	0.38	Diesel
Off-Highway Trucks	1	4.00	12	402	0.38	Diesel
Other General Industrial Equipment	1	8.00	2	400	0.34	Diesel

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					
Off-Highway Trucks	0.4970	3.3279	3.2502	0.0132		0.1198	0.1198		0.1102	0.1102		1,280.3504	1,280.3504	0.4141		1,290.7027
Other General Industrial Equipment	0.3779	2.7653	2.6630	0.0117		0.0948	0.0948		0.0872	0.0872		1,134.3814	1,134.3814	0.3669		1,143.5535
Total	0.8750	6.0932	5.9132	0.0250		0.2146	0.2146		0.1974	0.1974		2,414.7318	2,414.7318	0.7810		2,434.2562

10.0 Stationary Equipment

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Fire Pumps and Emergency Generators

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

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Winter

Estrella Substation and Paso Robles Area Reinforcement Project
San Luis Obispo County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	7,144.00	1000sqft	164.00	7,144,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	3.2	Precipitation Freq (Days)	44
Climate Zone	4			Operational Year	2024
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - The total area in power line the easement widths, substation temp disturbance, areas for temporary staging and access roads outside of the easement equals approximately 164 acres or a 7,144,000 square feet area

Construction Phase - Based on project schedule and description

Off-road Equipment - Based on construction schedule

Off-road Equipment - Based on construction schedule

Off-road Equipment - Based on construction schedule

Off-road Equipment - Based on construction schedule

Off-road Equipment - Based on construction schedule

Off-road Equipment - Based on construction schedule

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- Off-road Equipment - Based on construction schedule
- Off-road Equipment - Based on construction schedule
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- Off-road Equipment - Based on construction schedule
- Off-road Equipment - Based on construction schedule
- Off-road Equipment - Based on construction schedule
- Off-road Equipment - Based on equipment roster for the project.
- Off-road Equipment - Based on construction schedule
- Off-road Equipment - Based on construction schedule
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Off-road Equipment - Based on construction schedule

Off-road Equipment - Based on construction schedule

Trips and VMT - Based on equipment roster and schedule provided

On-road Fugitive Dust - Per the user guide 9.3% silt content should be used for the San Luis Obispo region

Grading - Based on grading and material movement for the project.

Vehicle Trips - Unmanned operation

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Consumer Products - No consumer product utilization was assumed for the project

Area Coating - No architectural coating is assumed for the project

Energy Use - Energy intensity factors scaled down to match the area occupied by the 230kV Substation Control Enclosure approximately 14 feet wide, 48 feet long, and the 70 kV Substation Control Enclosure approximately 16 feet wide and 64 feet long.

Water And Wastewater - Unmanned facility - No water use is expected

Solid Waste - No solid waste generation is expected

Construction Off-road Equipment Mitigation - At a minimum, the off-road equipment fleet shall meet the CARB off-road emissions average for that calendar year and ensure that quarterly DPM emissions are less than the SLOCAPCD significance thresholds.

Operational Off-Road Equipment - Assumes monthly inspections and an annual maintenance on the substation components. Helicopter emissions are represented as Other general industrial equipment with hp increased to 400

Fleet Mix -

Stationary Sources - Emergency Generators and Fire Pumps -

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tblAreaCoating	Area_Nonresidential_Interior	10716000	0
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Winter

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tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00

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Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Winter

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tblOffRoadEquipment	PhaseName		230-kV Substation Cable Installation and Termination
tblOffRoadEquipment	PhaseName		70-kV Substation Foundation Construction
tblOffRoadEquipment	PhaseName		230-kV Transmission Foundation Tower Installation Remove two towers
tblOffRoadEquipment	PhaseName		Reconductoring Segment Pole Installation Transfer Distribution Pole Removal
tblOffRoadEquipment	PhaseName		230-kV Substation Foundation Construction
tblOffRoadEquipment	PhaseName		70-kV Substation Mobilization
tblOffRoadEquipment	PhaseName		230-kV Transmission Site Clean-up and Restoration
tblOffRoadEquipment	PhaseName		70-kV Power Line Site Development Mobilization

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tblOffRoadEquipment	PhaseName		Reconductoring Segment Site Development Mobilization
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tblOffRoadEquipment	PhaseName		230-kV Substation Testing and Commissioning
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tblOffRoadEquipment	PhaseName		70-kV Substation Install Yard Rock
tblOffRoadEquipment	PhaseName		70-kV Cleanup and Restoration
tblOffRoadEquipment	PhaseName		70-kV Substation Testing and Commissioning

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tblOnRoadDust	MaterialSiltContent	8.50	9.30

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tblOnRoadDust	MaterialSiltContent	8.50	9.30
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tblOnRoadDust	MaterialSiltContent	8.50	9.30
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tblOnRoadDust	MaterialSiltContent	8.50	9.30
tblOnRoadDust	MeanVehicleSpeed	40.00	32.40
tblOnRoadDust	MeanVehicleSpeed	40.00	32.40
tblOnRoadDust	MeanVehicleSpeed	40.00	32.40
tblOnRoadDust	MeanVehicleSpeed	40.00	32.40
tblOnRoadDust	MeanVehicleSpeed	40.00	32.40

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo County, Winter

tblOnRoadDust	MeanVehicleSpeed	40.00	32.40
tblOnRoadDust	MeanVehicleSpeed	40.00	32.40
tblOnRoadDust	MeanVehicleSpeed	40.00	32.40
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	13.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	12.00
tblOperationalOffRoadEquipment	OperDaysPerYear	260.00	2.00
tblOperationalOffRoadEquipment	OperHorsePower	88.00	400.00
tblOperationalOffRoadEquipment	OperHoursPerDay	8.00	4.00
tblOperationalOffRoadEquipment	OperHoursPerDay	8.00	4.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	1.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	1.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	1.00
tblSolidWaste	SolidWasteGenerationRate	8,858.56	0.00
tblTripsAndVMT	VendorTripLength	5.00	13.00
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tblTripsAndVMT	VendorTripLength	5.00	1.20
tblTripsAndVMT	VendorTripLength	5.00	8.68
tblTripsAndVMT	VendorTripLength	5.00	13.00
tblTripsAndVMT	VendorTripLength	5.00	1.15
tblTripsAndVMT	VendorTripLength	5.00	13.00
tblTripsAndVMT	VendorTripLength	5.00	1.34
tblTripsAndVMT	VendorTripLength	5.00	13.00
tblTripsAndVMT	VendorTripLength	5.00	13.00
tblTripsAndVMT	VendorTripLength	5.00	13.00

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tbiTripsAndVMT	VendorTripLength	5.00	13.00
tbiTripsAndVMT	VendorTripLength	5.00	13.00
tbiTripsAndVMT	VendorTripLength	5.00	13.00
tbiTripsAndVMT	VendorTripLength	5.00	13.00
tbiTripsAndVMT	VendorTripLength	5.00	13.00
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tbiTripsAndVMT	VendorTripLength	5.00	1.20
tbiTripsAndVMT	VendorTripLength	5.00	1.85
tbiTripsAndVMT	VendorTripLength	5.00	13.00
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tbiTripsAndVMT	VendorTripNumber	0.00	11.00
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tbiTripsAndVMT	VendorTripNumber	1,171.00	13.00
tbiTripsAndVMT	VendorTripNumber	1,171.00	9.00
tbiTripsAndVMT	VendorTripNumber	1,171.00	29.00
tbiTripsAndVMT	VendorTripNumber	1,171.00	30.00

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tblTripsAndVMT	VendorTripNumber	1,171.00	45.00
tblTripsAndVMT	VendorTripNumber	1,171.00	9.00
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tblTripsAndVMT	VendorTripNumber	1,171.00	28.00
tblTripsAndVMT	VendorTripNumber	1,171.00	12.00
tblTripsAndVMT	VendorTripNumber	1,171.00	11.00
tblTripsAndVMT	VendorTripNumber	1,171.00	12.00
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tblTripsAndVMT	VendorTripNumber	1,171.00	3.00
tblTripsAndVMT	VendorTripNumber	1,171.00	26.00
tblTripsAndVMT	VendorTripNumber	1,171.00	3.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	5.00
tblTripsAndVMT	VendorTripNumber	1,171.00	15.00
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tblTripsAndVMT	VendorTripNumber	1,171.00	13.00
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tblTripsAndVMT	VendorTripNumber	0.00	30.00
tblTripsAndVMT	VendorTripNumber	1,171.00	30.00
tblTripsAndVMT	VendorTripNumber	1,171.00	10.00

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tblTripsAndVMT	VendorTripNumber	1,171.00	31.00
tblTripsAndVMT	WorkerTripLength	13.00	10.00
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tblTripsAndVMT	WorkerTripLength	13.00	8.45
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tblTripsAndVMT	WorkerTripLength	13.00	8.97
tblTripsAndVMT	WorkerTripLength	13.00	7.34
tblTripsAndVMT	WorkerTripLength	13.00	8.52
tblTripsAndVMT	WorkerTripLength	13.00	10.00
tblTripsAndVMT	WorkerTripLength	13.00	10.00
tblTripsAndVMT	WorkerTripLength	13.00	10.00
tblTripsAndVMT	WorkerTripLength	13.00	10.00
tblTripsAndVMT	WorkerTripLength	13.00	7.68
tblTripsAndVMT	WorkerTripLength	13.00	9.23
tblTripsAndVMT	WorkerTripLength	13.00	10.00
tblTripsAndVMT	WorkerTripLength	13.00	10.00
tblTripsAndVMT	WorkerTripLength	13.00	6.79
tblTripsAndVMT	WorkerTripLength	13.00	6.72
tblTripsAndVMT	WorkerTripLength	13.00	8.68
tblTripsAndVMT	WorkerTripLength	13.00	8.25
tblTripsAndVMT	WorkerTripLength	13.00	8.15
tblTripsAndVMT	WorkerTripLength	13.00	7.67
tblTripsAndVMT	WorkerTripLength	13.00	10.00
tblTripsAndVMT	WorkerTripLength	13.00	7.68
tblTripsAndVMT	WorkerTripLength	13.00	8.14

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tbiTripsAndVMT	WorkerTripLength	13.00	8.45
tbiTripsAndVMT	WorkerTripLength	13.00	8.56
tbiTripsAndVMT	WorkerTripLength	13.00	9.18
tbiTripsAndVMT	WorkerTripLength	13.00	6.32
tbiTripsAndVMT	WorkerTripLength	13.00	8.45
tbiTripsAndVMT	WorkerTripLength	13.00	7.85
tbiTripsAndVMT	WorkerTripLength	13.00	5.87
tbiTripsAndVMT	WorkerTripLength	13.00	7.50
tbiTripsAndVMT	WorkerTripLength	13.00	8.38
tbiTripsAndVMT	WorkerTripNumber	5.00	22.00
tbiTripsAndVMT	WorkerTripNumber	5.00	16.00
tbiTripsAndVMT	WorkerTripNumber	3,000.00	22.00
tbiTripsAndVMT	WorkerTripNumber	3,000.00	12.00
tbiTripsAndVMT	WorkerTripNumber	3,000.00	12.00
tbiTripsAndVMT	WorkerTripNumber	3,000.00	12.00
tbiTripsAndVMT	WorkerTripNumber	3,000.00	18.00
tbiTripsAndVMT	WorkerTripNumber	3,000.00	14.00
tbiTripsAndVMT	WorkerTripNumber	3,000.00	18.00
tbiTripsAndVMT	WorkerTripNumber	3,000.00	12.00
tbiTripsAndVMT	WorkerTripNumber	3,000.00	9.00
tbiTripsAndVMT	WorkerTripNumber	3,000.00	30.00
tbiTripsAndVMT	WorkerTripNumber	3,000.00	38.00
tbiTripsAndVMT	WorkerTripNumber	3,000.00	16.00
tbiTripsAndVMT	WorkerTripNumber	3,000.00	12.00
tbiTripsAndVMT	WorkerTripNumber	3,000.00	14.00
tbiTripsAndVMT	WorkerTripNumber	3,000.00	10.00
tbiTripsAndVMT	WorkerTripNumber	3,000.00	12.00

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tblTripsAndVMT	WorkerTripNumber	3,000.00	12.00
tblTripsAndVMT	WorkerTripNumber	8.00	20.00
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tblTripsAndVMT	WorkerTripNumber	3,000.00	12.00
tblTripsAndVMT	WorkerTripNumber	5.00	8.00
tblTripsAndVMT	WorkerTripNumber	0.00	10.00
tblTripsAndVMT	WorkerTripNumber	3,000.00	12.00
tblTripsAndVMT	WorkerTripNumber	3,000.00	32.00
tblTripsAndVMT	WorkerTripNumber	5.00	16.00
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tblTripsAndVMT	WorkerTripNumber	10.00	24.00
tblTripsAndVMT	WorkerTripNumber	30.00	26.00
tblTripsAndVMT	WorkerTripNumber	3,000.00	18.00
tblTripsAndVMT	WorkerTripNumber	3,000.00	28.00
tblTripsAndVMT	WorkerTripNumber	3,000.00	22.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblWater	IndoorWaterUseRate	1,652,050,000.00	0.00

2.0 Emissions Summary

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo 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					
2022	11.8864	110.4815	77.5908	0.2791	8.4664	3.9137	12.3801	3.7790	3.6020	7.3810	0.0000	27,322.0062	27,322.0062	7.9167	0.0000	27,519.9224
2023	9.7896	81.3027	68.0185	0.2538	3.9882	2.8200	5.3730	0.7733	2.6013	3.0073	0.0000	24,802.4598	24,802.4598	7.0381	0.0000	24,978.4115
2024	2.5008	20.6390	17.1411	0.0596	0.5937	0.7958	1.1246	0.0968	0.7323	0.8222	0.0000	5,815.4442	5,815.4442	1.7071	0.0000	5,858.1217
Maximum	11.8864	110.4815	77.5908	0.2791	8.4664	3.9137	12.3801	3.7790	3.6020	7.3810	0.0000	27,322.0062	27,322.0062	7.9167	0.0000	27,519.9224

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					
2022	11.8864	110.4815	77.5908	0.2791	4.0505	3.9137	7.9642	1.6790	3.6020	5.2810	0.0000	27,322.0062	27,322.0062	7.9167	0.0000	27,519.9224
2023	9.7896	81.3027	68.0185	0.2538	2.7752	2.8200	4.3005	0.6423	2.6013	3.0073	0.0000	24,802.4598	24,802.4598	7.0381	0.0000	24,978.4115
2024	2.5008	20.6390	17.1411	0.0596	0.3511	0.7958	1.1246	0.0899	0.7323	0.8222	0.0000	5,815.4442	5,815.4442	1.7071	0.0000	5,858.1217
Maximum	11.8864	110.4815	77.5908	0.2791	4.0505	3.9137	7.9642	1.6790	3.6020	5.2810	0.0000	27,322.0062	27,322.0062	7.9167	0.0000	27,519.9224

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo 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	45.00	0.00	29.07	48.14	0.00	18.73	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	152.9488	6.6100e-003	0.7282	5.0000e-005		2.5900e-003	2.5900e-003		2.5900e-003	2.5900e-003		1.5635	1.5635	4.0800e-003		1.6655
Energy	4.2200e-003	0.0384	0.0322	2.3000e-004		2.9200e-003	2.9200e-003		2.9200e-003	2.9200e-003		46.0532	46.0532	8.8000e-004	8.4000e-004	46.3269
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Offroad	0.8750	6.0932	5.9132	0.0250		0.2146	0.2146		0.1974	0.1974		2,414.7318	2,414.7318	0.7810		2,434.2562
Total	153.8280	6.1382	6.6737	0.0252	0.0000	0.2201	0.2201	0.0000	0.2029	0.2029		2,462.3485	2,462.3485	0.7859	8.4000e-004	2,482.2486

Estrella Substation and Paso Robles Area Reinforcement Project - San Luis Obispo 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	152.9488	6.6100e-003	0.7282	5.0000e-005		2.5900e-003	2.5900e-003		2.5900e-003	2.5900e-003		1.5635	1.5635	4.0800e-003		1.6655
Energy	4.2200e-003	0.0384	0.0322	2.3000e-004		2.9200e-003	2.9200e-003		2.9200e-003	2.9200e-003		46.0532	46.0532	8.8000e-004	8.4000e-004	46.3269
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Offroad	0.8750	6.0932	5.9132	0.0250		0.2146	0.2146		0.1974	0.1974		2,414.7318	2,414.7318	0.7810		2,434.2562
Total	153.8280	6.1382	6.6737	0.0252	0.0000	0.2201	0.2201	0.0000	0.2029	0.2029		2,462.3485	2,462.3485	0.7859	8.4000e-004	2,482.2486

	ROG	NOx	CO	SO2	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	230-kV Transmission Site Work Area Preparation Mobilization	Site Preparation	6/1/2022	6/14/2022	6	12	
2	230-kV Transmission Foundation Tower Installation Remove two towers	Building Construction	6/15/2022	8/9/2022	6	48	
3	Reconductoring Segment Site Development Mobilization	Site Preparation	8/1/2022	8/13/2022	6	12	

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4	Reconductoring Segment Pole Installation Transfer Distribution Pole Removal	Building Construction	8/15/2022	2/18/2023	6	144
5	230-kV Substation Access Roads	Site Preparation	9/1/2022	9/14/2022	6	12
6	230-kV Substation Site Prep Grading Entrance Road Culverts Mobilization	Grading	9/15/2022	10/12/2022	6	24
7	230-kV Substation Fence and Gate Installation	Building Construction	10/8/2022	10/21/2022	6	12
8	Reconductoring Segment Conductor Installation	Building Construction	10/10/2022	2/28/2023	6	120
9	230-kV Substation Foundation Construction	Building Construction	10/15/2022	11/25/2022	6	36
10	70-kV Substation Mobilization	Site Preparation	10/18/2022	10/30/2022	6	12
11	70-kV Substation Foundation Construction	Building Construction	11/1/2022	12/31/2022	6	48
12	70-kV Substation Ground Grid Conduit Installation	Building Construction	11/1/2022	12/31/2022	6	48
13	230-kV Substation Ground Grid Conduit Installation	Building Construction	11/15/2022	12/12/2022	6	24
14	230-kV Substation Steel Bus Erection	Building Construction	12/9/2022	1/5/2023	6	24
15	230-kV Substation Install Yard Rock	Building Construction	12/23/2022	1/12/2023	6	18
16	70-kV Substation Steel Bus Erection	Building Construction	1/1/2023	1/31/2023	6	24
17	230-kV Substation Transformer & Equip Delivery & Installation	Building Construction	1/2/2023	2/4/2023	6	30
18	230-kV Substation Control Enclosure Delivery and Install	Building Construction	1/6/2023	1/19/2023	6	12
19	230-kV Substation Remaining Equipment Delivery and Install	Building Construction	1/13/2023	2/11/2023	6	24
20	230-kV Transmission Conductor	Building Construction	1/25/2023	1/31/2023	6	6
21	70-kV Substation Equip Delivery & Installation	Building Construction	2/1/2023	2/21/2023	6	18
22	70-kV Substation Control Enclosure Delivery and Install	Building Construction	2/1/2023	2/7/2023	6	6
23	230-kV Transmission Site Clean-up and Restoration	Building Construction	2/1/2023	2/7/2023	6	6
24	230-kV Substation Cable Installation and Termination	Building Construction	2/1/2023	2/14/2023	6	12

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25	230-kV Substation Testing and Commissioning	Building Construction	2/11/2023	3/17/2023	6	30
26	70-kV Substation Cable Installation and Termination	Building Construction	2/22/2023	3/14/2023	6	18
27	70-kV Power Line Site Development Mobilization	Site Preparation	3/1/2023	3/14/2023	6	12
28	Reconductoring Segment Clean-up and Restoration	Site Preparation	3/1/2023	3/14/2023	6	12
29	70-kV Power Line Pole Tower Installation	Building Construction	3/1/2023	11/30/2023	6	216
30	70-kV Substation Install Yard Rock	Building Construction	3/1/2023	3/14/2023	6	12
31	230-kV Substation Cleanup and Restoration	Site Preparation	3/11/2023	3/31/2023	6	18
32	70-kV Cleanup and Restoration	Site Preparation	3/15/2023	3/28/2023	6	12
33	70-kV Substation Testing and Commissioning	Building Construction	4/1/2023	5/31/2023	6	48
34	70-kV Power Line Conductor Installation	Building Construction	11/1/2023	1/31/2024	6	72
35	70-kV Power Line Clean-up and Restoration	Site Preparation	2/1/2024	2/14/2024	6	12

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
230-kV Transmission Site Work Area Preparation Mobilization	Graders	1	6.00	187	0.41
230-kV Transmission Site Work Area Preparation Mobilization	Tractors/Loaders/Backhoes	1	6.00	97	0.37
230-kV Transmission Foundation Tower Installation Remove two towers	Bore/Drill Rigs	1	1.00	221	0.50
230-kV Transmission Foundation Tower Installation Remove two towers	Cranes	3	5.30	231	0.29

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230-kV Transmission Foundation Tower Installation Remove two towers	Forklifts	3	2.60	89	0.20
230-kV Transmission Foundation Tower Installation Remove two towers	Off-Highway Trucks	2	3.50	402	0.38
230-kV Transmission Foundation Tower Installation Remove two towers	Off-Highway Trucks	1	0.80	402	0.38
230-kV Transmission Foundation Tower Installation Remove two towers	Off-Highway Trucks	2	2.60	402	0.38
230-kV Transmission Foundation Tower Installation Remove two towers	Tractors/Loaders/Backhoes	1	0.50	97	0.37
Reconductoring Segment Site Development Mobilization	Graders	1	6.00	187	0.41
Reconductoring Segment Site Development Mobilization	Tractors/Loaders/Backhoes	1	4.00	97	0.37
Reconductoring Segment Pole Installation Transfer Distribution Pole Removal	Bore/Drill Rigs	1	6.00	221	0.50
Reconductoring Segment Pole Installation Transfer Distribution Pole Removal	Cranes	3	6.00	231	0.29
Reconductoring Segment Pole Installation Transfer Distribution Pole Removal	Cranes	1	1.00	231	0.29
Reconductoring Segment Pole Installation Transfer Distribution Pole Removal	Off-Highway Trucks	2	3.00	402	0.38
Reconductoring Segment Pole Installation Transfer Distribution Pole Removal	Off-Highway Trucks	2	2.00	402	0.38
230-kV Substation Access Roads	Off-Highway Trucks	2	8.00	402	0.38
230-kV Substation Access Roads	Tractors/Loaders/Backhoes	2	8.00	97	0.37
230-kV Substation Site Prep Grading Entrance Road Culverts Mobilization	Graders	1	8.00	187	0.41
230-kV Substation Site Prep Grading Entrance Road Culverts Mobilization	Off-Highway Trucks	4	10.00	402	0.38
230-kV Substation Site Prep Grading Entrance Road Culverts Mobilization	Off-Highway Trucks	2	10.00	402	0.38
230-kV Substation Site Prep Grading Entrance Road Culverts Mobilization	Rollers	2	8.00	80	0.38
230-kV Substation Site Prep Grading Entrance Road Culverts Mobilization	Rubber Tired Dozers	1	8.00	247	0.40
230-kV Substation Site Prep Grading Entrance Road Culverts Mobilization	Rubber Tired Loaders	1	8.00	203	0.36

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230-kV Substation Site Prep Grading Entrance Road Culverts Mobilization	Scrapers	1	8.00	367	0.48
230-kV Substation Fence and Gate Installation	Skid Steer Loaders	1	4.00	65	0.37
Reconductoring Segment Conductor Installation	Forklifts	1	3.00	89	0.20
Reconductoring Segment Conductor Installation	Off-Highway Trucks	2	6.00	402	0.38
Reconductoring Segment Conductor Installation	Off-Highway Trucks	2	6.00	402	0.38
Reconductoring Segment Conductor Installation	Off-Highway Trucks	2	4.00	402	0.38
Reconductoring Segment Conductor Installation	Off-Highway Trucks	1	6.00	402	0.38
Reconductoring Segment Conductor Installation	Other General Industrial Equipment	1	6.00	88	0.34
Reconductoring Segment Conductor Installation	Other General Industrial Equipment	1	6.00	88	0.34
230-kV Substation Foundation Construction	Bore/Drill Rigs	1	8.00	221	0.50
230-kV Substation Foundation Construction	Cranes	1	5.00	231	0.29
230-kV Substation Foundation Construction	Tractors/Loaders/Backhoes	1	5.00	97	0.37
70-kV Substation Mobilization	Graders	1	4.00	187	0.41
70-kV Substation Mobilization	Tractors/Loaders/Backhoes	1	4.00	97	0.37
70-kV Substation Foundation Construction	Bore/Drill Rigs	1	8.00	221	0.50
70-kV Substation Foundation Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
70-kV Substation Foundation Construction	Trenchers	1	8.00	78	0.50
70-kV Substation Ground Grid Conduit Installation	Tractors/Loaders/Backhoes	1	6.00	97	0.37
70-kV Substation Ground Grid Conduit Installation	Trenchers	1	6.00	78	0.50
230-kV Substation Ground Grid Conduit Installation	Trenchers	1	8.00	78	0.50
230-kV Substation Steel Bus Erection	Aerial Lifts	1	6.00	62	0.31
230-kV Substation Steel Bus Erection	Off-Highway Trucks	1	8.00	402	0.38
230-kV Substation Install Yard Rock	Off-Highway Trucks	1	10.00	402	0.38

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230-kV Substation Install Yard Rock	Skid Steer Loaders	1	10.00	65	0.37
70-kV Substation Steel Bus Erection	Aerial Lifts	2	8.00	62	0.31
70-kV Substation Steel Bus Erection	Off-Highway Trucks	2	6.00	402	0.38
230-kV Substation Transformer & Equip Delivery & Installation	Generator Sets	1	5.00	84	0.74
230-kV Substation Transformer & Equip Delivery & Installation	Off-Highway Trucks	2	10.00	402	0.38
230-kV Substation Transformer & Equip Delivery & Installation	Off-Highway Trucks	1	4.80	402	0.38
230-kV Substation Transformer & Equip Delivery & Installation	Tractors/Loaders/Backhoes	1	4.00	97	0.37
230-kV Substation Control Enclosure Delivery and Install	Cranes	1	6.00	231	0.29
230-kV Substation Remaining Equipment Delivery and Install	Off-Highway Trucks	1	6.00	402	0.38
230-kV Transmission Conductor	Cranes	3	6.00	231	0.29
230-kV Transmission Conductor	Off-Highway Trucks	2	4.00	402	0.38
230-kV Transmission Conductor	Off-Highway Trucks	2	4.00	402	0.38
70-kV Substation Equip Delivery & Installation	Aerial Lifts	2	4.00	62	0.31
70-kV Substation Equip Delivery & Installation	Off-Highway Trucks	1	5.30	402	0.38
70-kV Substation Control Enclosure Delivery and Install	Off-Highway Trucks	0	0.00	402	0.38
230-kV Transmission Site Clean-up and Restoration	Graders	1	8.00	187	0.41
230-kV Transmission Site Clean-up and Restoration	Tractors/Loaders/Backhoes	1	4.00	97	0.37
230-kV Substation Cable Installation and Termination	Aerial Lifts	1	8.00	62	0.31
230-kV Substation Testing and Commissioning	Off-Highway Trucks	0	0.00	402	0.38
70-kV Substation Cable Installation and Termination	Off-Highway Trucks	0	0.00	402	0.38
70-kV Power Line Site Development Mobilization	Graders	2	6.00	187	0.41
70-kV Power Line Site Development Mobilization	Tractors/Loaders/Backhoes	1	4.00	97	0.37
Reconductoring Segment Clean-up and Restoration	Graders	1	6.00	187	0.41

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Reconductoring Segment Clean-up and Restoration	Tractors/Loaders/Backhoes	1	4.00	97	0.37
70-kV Power Line Pole Tower Installation	Cranes	1	4.00	231	0.29
70-kV Power Line Pole Tower Installation	Off-Highway Trucks	3	4.00	402	0.38
70-kV Power Line Pole Tower Installation	Off-Highway Trucks	3	4.00	402	0.38
70-kV Power Line Pole Tower Installation	Tractors/Loaders/Backhoes	2	4.00	97	0.37
70-kV Power Line Pole Tower Installation	Tractors/Loaders/Backhoes	1	4.00	97	0.37
70-kV Substation Install Yard Rock	Off-Highway Trucks	1	8.00	402	0.38
70-kV Substation Install Yard Rock	Skid Steer Loaders	1	8.00	65	0.37
70-kV Substation Install Yard Rock	Tractors/Loaders/Backhoes	1	8.00	97	0.37
230-kV Substation Cleanup and Restoration	Other General Industrial Equipment	1	6.00	88	0.34
230-kV Substation Cleanup and Restoration	Tractors/Loaders/Backhoes	1	6.00	97	0.37
70-kV Cleanup and Restoration	Off-Highway Trucks	0	0.00	402	0.38
70-kV Substation Testing and Commissioning	Off-Highway Trucks	0	0.00	402	0.38
70-kV Power Line Conductor Installation	Cranes	3	6.00	231	0.29
70-kV Power Line Conductor Installation	Forklifts	1	3.00	89	0.20
70-kV Power Line Conductor Installation	Off-Highway Trucks	3	4.00	402	0.38
70-kV Power Line Conductor Installation	Off-Highway Trucks	1	6.00	402	0.38
70-kV Power Line Conductor Installation	Off-Highway Trucks	2	2.00	402	0.38
70-kV Power Line Conductor Installation	Other General Industrial Equipment	1	6.00	88	0.34
70-kV Power Line Conductor Installation	Other General Industrial Equipment	1	6.00	88	0.34
70-kV Power Line Clean-up and Restoration	Graders	1	6.00	187	0.41
70-kV Power Line Clean-up and Restoration	Tractors/Loaders/Backhoes	1	4.00	97	0.37

Trips and VMT

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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
230-kV Transmission	2	22.00	11.00	104.00	10.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Work Area Prepar										
230-kV Transmission	13	30.00	12.00	0.00	10.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Foundation Tower Insto										
Reconductoring	2	18.00	10.00	0.00	7.67	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Cement Site Develop										
Reconductoring	9	38.00	13.00	0.00	6.32	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Cement Pole Installati										
230-kV Substation	4	24.00	33.00	0.00	8.45	1.90	20.00	LD_Mix	HDT_Mix	HHDT
Access Roads										
230-kV Substation Site	12	26.00	30.00	393.00	7.85	1.20	20.00	LD_Mix	HDT_Mix	HHDT
Prop Grading, Entrance										
230-kV Substation	1	18.00	30.00	0.00	5.87	1.85	20.00	LD_Mix	HDT_Mix	HHDT
Fence and Gate Install										
Reconductoring	10	28.00	10.00	0.00	7.50	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Cement Conductor In										
230-kV Substation	3	22.00	31.00	0.00	8.38	1.85	20.00	LD_Mix	HDT_Mix	HHDT
Foundation Constructio										
70-kV Substation	2	16.00	6.00	0.00	7.68	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Mobilization										
70-kV Substation	3	22.00	13.00	0.00	8.45	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Foundation Constructio										
70-kV Substation	2	12.00	9.00	0.00	8.45	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Ground Grid Conduit In										
230-kV Substation	1	12.00	29.00	0.00	9.15	0.91	20.00	LD_Mix	HDT_Mix	HHDT
Ground Grid Conduit In										
230-kV Substation	2	12.00	30.00	0.00	9.56	1.20	20.00	LD_Mix	HDT_Mix	HHDT
Steel Bus Erection										
230-kV Substation	2	18.00	45.00	0.00	8.97	8.68	20.00	LD_Mix	HDT_Mix	HHDT
Install Yard Rack										
70-kV Substation Steel	4	14.00	9.00	0.00	7.34	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Bus Erection										
230-kV Substation	5	18.00	30.00	0.00	8.52	1.15	20.00	LD_Mix	HDT_Mix	HHDT
Transformer & Equip. D										
230-kV Substation	1	12.00	2.00	0.00	10.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Control Enclosure Deliv										
230-kV Substation	1	9.00	28.00	0.00	10.00	1.34	20.00	LD_Mix	HDT_Mix	HHDT
Remainder Equipment										
230-kV Transmission	7	38.00	11.00	0.00	10.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Conductor										
70-kV Substation	3	16.00	12.00	0.00	7.68	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Equip. Delivery & Install										
70-kV Substation	0	12.00	2.00	0.00	9.23	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Control Enclosure Deliv										
230-kV Transmission	2	14.00	9.00	0.00	10.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Site Clean up and Rest										
230-kV Substation	1	10.00	3.00	0.00	10.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Cable Installation and T										
230-kV Substation	0	12.00	26.00	0.00	6.79	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Testing and Commissi										