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

70-kV Substation Cable Installation and T	0	12.00	3.00	0.00	6.72	13.00	20.00	LD_Mix	HDT_Mix	HHDT
70-kV Power Line Site Development Mobilizati	3	20.00	10.00	0.00	8.68	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Reconductoring	2	16.00	5.00	0.00	8.25	13.00	20.00	LD_Mix	HDT_Mix	HHDT
Segment Clean up and										
70-kV Power Line Pole Tower Installation	10	41.00	15.00	0.00	8.15	13.00	20.00	LD_Mix	HDT_Mix	HHDT
70-kV Substation Install Yard Rock	3	12.00	16.00	0.00	10.00	13.00	20.00	LD_Mix	HDT_Mix	HHDT
230-kV Substation Cleanup and Restoration	2	8.00	29.00	0.00	7.68	13.00	20.00	LD_Mix	HDT_Mix	HHDT
70-kV Cleanup and Restoration	0	10.00	0.00	0.00	8.14	13.00	20.00	LD_Mix	HDT_Mix	HHDT
70-kV Substation Testing and Commisio	0	12.00	2.00	0.00	8.45	13.00	20.00	LD_Mix	HDT_Mix	HHDT
70-kV Power Line Conductor Installation	12	32.00	10.00	0.00	8.56	13.00	20.00	LD_Mix	HDT_Mix	HHDT
70-kV Power Line Cleanup and Restorati	2	16.00	7.00	0.00	9.18	13.00	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 230-kV Transmission Site Work Area Preparation Mobilization - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.8081	0.0000	0.8081	0.0878	0.0000	0.0878			0.0000			0.0000
Off-Road	0.4348	5.1999	2.9698	7.3000e-003		0.1930	0.1930		0.1776	0.1776		706.8884	706.8884	0.2286		712.6040
Total	0.4348	5.1999	2.9698	7.3000e-003	0.8081	0.1930	1.0011	0.0878	0.1776	0.2654		706.8884	706.8884	0.2286		712.6040

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3.2 230-kV Transmission Site Work Area Preparation Mobilization - 2022

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	0.0668	2.2991	0.5746	6.5800e-003	0.1514	9.3300e-003	0.1607	0.0415	8.9200e-003	0.0504		711.5809	711.5809	0.0434		712.6659
Vendor	0.0557	1.5780	0.4564	4.7400e-003	0.1324	6.0900e-003	0.1384	0.0381	5.8200e-003	0.0439		504.7505	504.7505	0.0227		505.3186
Worker	0.0769	0.0571	0.5121	1.4000e-003	0.1674	1.0400e-003	0.1684	0.0444	9.6000e-004	0.0454		139.8697	139.8697	4.0600e-003		139.9711
Total	0.1994	3.9342	1.5431	0.0127	0.4511	0.0165	0.4675	0.1239	0.0157	0.1396		1,356.2012	1,356.2012	0.0702		1,357.9557

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					0.3152	0.0000	0.3152	0.0342	0.0000	0.0342			0.0000			0.0000
Off-Road	0.4348	5.1999	2.9698	7.3000e-003		0.1930	0.1930		0.1776	0.1776	0.0000	706.8884	706.8884	0.2286		712.6040
Total	0.4348	5.1999	2.9698	7.3000e-003	0.3152	0.1930	0.5081	0.0342	0.1776	0.2118	0.0000	706.8884	706.8884	0.2286		712.6040

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3.2 230-kV Transmission Site Work Area Preparation Mobilization - 2022

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	0.0668	2.2991	0.5746	6.5800e-003	0.1514	9.3300e-003	0.1607	0.0415	8.9200e-003	0.0504		711.5809	711.5809	0.0434		712.6659
Vendor	0.0557	1.5780	0.4564	4.7400e-003	0.1324	6.0900e-003	0.1384	0.0381	5.8200e-003	0.0439		504.7505	504.7505	0.0227		505.3186
Worker	0.0769	0.0571	0.5121	1.4000e-003	0.1674	1.0400e-003	0.1684	0.0444	9.6000e-004	0.0454		139.8697	139.8697	4.0600e-003		139.9711
Total	0.1994	3.9342	1.5431	0.0127	0.4511	0.0165	0.4675	0.1239	0.0157	0.1396		1,356.2012	1,356.2012	0.0702		1,357.9557

3.3 230-kV Transmission Foundation Tower Installation Remove two towers - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7490	16.2551	10.7389	0.0358		0.6653	0.6653		0.6121	0.6121		3,466.3790	3,466.3790	1.1211		3,494.4065
Total	1.7490	16.2551	10.7389	0.0358		0.6653	0.6653		0.6121	0.6121		3,466.3790	3,466.3790	1.1211		3,494.4065

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3.3 230-kV Transmission Foundation Tower Installation Remove two towers - 2022

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	0.0608	1.7215	0.4979	5.1700e-003	0.1444	6.6400e-003	0.1510	0.0415	6.3500e-003	0.0479		550.6369	550.6369	0.0248		551.2566
Worker	0.1049	0.0778	0.6983	1.9200e-003	0.2282	1.4200e-003	0.2296	0.0605	1.3000e-003	0.0618		190.7314	190.7314	5.5300e-003		190.8697
Total	0.1657	1.7993	1.1962	7.0900e-003	0.3726	8.0600e-003	0.3806	0.1021	7.6500e-003	0.1097		741.3683	741.3683	0.0303		742.1264

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	1.7490	16.2551	10.7389	0.0358		0.6653	0.6653		0.6121	0.6121	0.0000	3,466.3790	3,466.3790	1.1211		3,494.4065
Total	1.7490	16.2551	10.7389	0.0358		0.6653	0.6653		0.6121	0.6121	0.0000	3,466.3790	3,466.3790	1.1211		3,494.4065

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3.3 230-kV Transmission Foundation Tower Installation Remove two towers - 2022

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	0.0608	1.7215	0.4979	5.1700e-003	0.1444	6.6400e-003	0.1510	0.0415	6.3500e-003	0.0479		550.6369	550.6369	0.0248		551.2566
Worker	0.1049	0.0778	0.6983	1.9200e-003	0.2282	1.4200e-003	0.2296	0.0605	1.3000e-003	0.0618		190.7314	190.7314	5.5300e-003		190.8697
Total	0.1657	1.7993	1.1962	7.0900e-003	0.3726	8.0600e-003	0.3806	0.1021	7.6500e-003	0.1097		741.3683	741.3683	0.0303		742.1264

3.4 Reconductoring Segment Site Development Mobilization - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7954	0.0000	0.7954	0.0859	0.0000	0.0859			0.0000			0.0000
Off-Road	0.3936	4.7810	2.4103	6.5200e-003		0.1705	0.1705		0.1568	0.1568		631.5787	631.5787	0.2043		636.6853
Total	0.3936	4.7810	2.4103	6.5200e-003	0.7954	0.1705	0.9658	0.0859	0.1568	0.2427		631.5787	631.5787	0.2043		636.6853

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3.4 Reconductoring Segment Site Development Mobilization - 2022**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	0.0506	1.4345	0.4149	4.3100e-003	0.1203	5.5300e-003	0.1259	0.0346	5.2900e-003	0.0399		458.8641	458.8641	0.0207		459.3805
Worker	0.0520	0.0375	0.3441	8.9000e-004	0.1051	6.8000e-004	0.1057	0.0279	6.2000e-004	0.0285		88.6542	88.6542	2.6600e-003		88.7207
Total	0.1027	1.4720	0.7590	5.2000e-003	0.2254	6.2100e-003	0.2316	0.0625	5.9100e-003	0.0684		547.5182	547.5182	0.0233		548.1012

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					0.3102	0.0000	0.3102	0.0335	0.0000	0.0335			0.0000			0.0000
Off-Road	0.3936	4.7810	2.4103	6.5200e-003		0.1705	0.1705		0.1568	0.1568	0.0000	631.5787	631.5787	0.2043		636.6853
Total	0.3936	4.7810	2.4103	6.5200e-003	0.3102	0.1705	0.4807	0.0335	0.1568	0.1903	0.0000	631.5787	631.5787	0.2043		636.6853

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3.4 Reconductoring Segment Site Development Mobilization - 2022**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	0.0506	1.4345	0.4149	4.3100e-003	0.1203	5.5300e-003	0.1259	0.0346	5.2900e-003	0.0399		458.8641	458.8641	0.0207		459.3805
Worker	0.0520	0.0375	0.3441	8.9000e-004	0.1051	6.8000e-004	0.1057	0.0279	6.2000e-004	0.0285		88.6542	88.6542	2.6600e-003		88.7207
Total	0.1027	1.4720	0.7590	5.2000e-003	0.2254	6.2100e-003	0.2316	0.0625	5.9100e-003	0.0684		547.5182	547.5182	0.0233		548.1012

3.5 Reconductoring Segment Pole Installation Transfer Distribution Pole Removal - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7144	16.6546	10.2236	0.0373		0.6496	0.6496		0.5977	0.5977		3,611.1243	3,611.1243	1.1679		3,640.3221
Total	1.7144	16.6546	10.2236	0.0373		0.6496	0.6496		0.5977	0.5977		3,611.1243	3,611.1243	1.1679		3,640.3221

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3.5 Reconductoring Segment Pole Installation Transfer Distribution Pole Removal - 2022

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	0.0658	1.8649	0.5394	5.6000e-003	0.1564	7.1900e-003	0.1636	0.0450	6.8800e-003	0.0519		596.5233	596.5233	0.0269		597.1947
Worker	0.0965	0.0678	0.6349	1.5600e-003	0.1828	1.2200e-003	0.1841	0.0485	1.1200e-003	0.0496		155.6195	155.6195	4.8100e-003		155.7398
Total	0.1623	1.9327	1.1743	7.1600e-003	0.3392	8.4100e-003	0.3477	0.0935	8.0000e-003	0.1015		752.1429	752.1429	0.0317		752.9345

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	1.7144	16.6546	10.2236	0.0373		0.6496	0.6496		0.5977	0.5977	0.0000	3,611.1243	3,611.1243	1.1679		3,640.3221
Total	1.7144	16.6546	10.2236	0.0373		0.6496	0.6496		0.5977	0.5977	0.0000	3,611.1243	3,611.1243	1.1679		3,640.3221

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3.5 Reconductoring Segment Pole Installation Transfer Distribution Pole Removal - 2022

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	0.0658	1.8649	0.5394	5.6000e-003	0.1564	7.1900e-003	0.1636	0.0450	6.8800e-003	0.0519		596.5233	596.5233	0.0269		597.1947
Worker	0.0965	0.0678	0.6349	1.5600e-003	0.1828	1.2200e-003	0.1841	0.0485	1.1200e-003	0.0496		155.6195	155.6195	4.8100e-003		155.7398
Total	0.1623	1.9327	1.1743	7.1600e-003	0.3392	8.4100e-003	0.3477	0.0935	8.0000e-003	0.1015		752.1429	752.1429	0.0317		752.9345

3.5 Reconductoring Segment Pole Installation Transfer Distribution Pole Removal - 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	1.6258	15.0514	9.9920	0.0373		0.5892	0.5892		0.5421	0.5421		3,613.6088	3,613.6088	1.1687		3,642.8266
Total	1.6258	15.0514	9.9920	0.0373		0.5892	0.5892		0.5421	0.5421		3,613.6088	3,613.6088	1.1687		3,642.8266

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3.5 Reconductoring Segment Pole Installation Transfer Distribution Pole Removal - 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	0.0497	1.4382	0.4732	5.4800e-003	0.1564	3.3900e-003	0.1598	0.0450	3.2400e-003	0.0482		585.0967	585.0967	0.0248		585.7170
Worker	0.0904	0.0608	0.5781	1.5000e-003	0.1828	1.1900e-003	0.1840	0.0485	1.0900e-003	0.0496		149.7969	149.7969	4.2800e-003		149.9040
Total	0.1401	1.4990	1.0513	6.9800e-003	0.3393	4.5800e-003	0.3438	0.0935	4.3300e-003	0.0979		734.8936	734.8936	0.0291		735.6210

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	1.6258	15.0514	9.9920	0.0373		0.5892	0.5892		0.5421	0.5421	0.0000	3,613.6088	3,613.6088	1.1687		3,642.8266
Total	1.6258	15.0514	9.9920	0.0373		0.5892	0.5892		0.5421	0.5421	0.0000	3,613.6088	3,613.6088	1.1687		3,642.8266

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3.5 Reconductoring Segment Pole Installation Transfer Distribution Pole Removal - 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	0.0497	1.4382	0.4732	5.4800e-003	0.1564	3.3900e-003	0.1598	0.0450	3.2400e-003	0.0482		585.0967	585.0967	0.0248		585.7170
Worker	0.0904	0.0608	0.5781	1.5000e-003	0.1828	1.1900e-003	0.1840	0.0485	1.0900e-003	0.0496		149.7969	149.7969	4.2800e-003		149.9040
Total	0.1401	1.4990	1.0513	6.9800e-003	0.3393	4.5800e-003	0.3438	0.0935	4.3300e-003	0.0979		734.8936	734.8936	0.0291		735.6210

3.6 230-kV Substation Access Roads - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.3863	11.3787	11.1933	0.0327		0.4721	0.4721		0.4344	0.4344		3,160.4485	3,160.4485	1.0222		3,186.0023
Total	1.3863	11.3787	11.1933	0.0327	0.0000	0.4721	0.4721	0.0000	0.4344	0.4344		3,160.4485	3,160.4485	1.0222		3,186.0023

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3.6 230-kV Substation Access Roads - 2022**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	0.0689	2.2514	0.7194	3.3200e-003	0.0588	4.2600e-003	0.0630	0.0170	4.0700e-003	0.0211		354.3178	354.3178	0.0319		355.1149
Worker	0.0743	0.0541	0.4922	1.3000e-003	0.1543	9.8000e-004	0.1553	0.0409	9.0000e-004	0.0418		129.7146	129.7146	3.8400e-003		129.8106
Total	0.1432	2.3054	1.2117	4.6200e-003	0.2131	5.2400e-003	0.2183	0.0579	4.9700e-003	0.0629		484.0324	484.0324	0.0357		484.9255

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	1.3863	11.3787	11.1933	0.0327		0.4721	0.4721		0.4344	0.4344	0.0000	3,160.4485	3,160.4485	1.0222		3,186.0023
Total	1.3863	11.3787	11.1933	0.0327	0.0000	0.4721	0.4721	0.0000	0.4344	0.4344	0.0000	3,160.4485	3,160.4485	1.0222		3,186.0023

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3.6 230-kV Substation Access Roads - 2022**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	0.0689	2.2514	0.7194	3.3200e-003	0.0588	4.2600e-003	0.0630	0.0170	4.0700e-003	0.0211		354.3178	354.3178	0.0319		355.1149
Worker	0.0743	0.0541	0.4922	1.3000e-003	0.1543	9.8000e-004	0.1553	0.0409	9.0000e-004	0.0418		129.7146	129.7146	3.8400e-003		129.8106
Total	0.1432	2.3054	1.2117	4.6200e-003	0.2131	5.2400e-003	0.2183	0.0579	4.9700e-003	0.0629		484.0324	484.0324	0.0357		484.9255

3.7 230-kV Substation Site Prep Grading Entrance Road Culverts Mobilization - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.2392	0.0000	7.2392	3.4427	0.0000	3.4427			0.0000			0.0000
Off-Road	6.6584	59.5744	42.1219	0.1410		2.3287	2.3287		2.1424	2.1424		13,644.8698	13,644.8698	4.4130		13,755.1955
Total	6.6584	59.5744	42.1219	0.1410	7.2392	2.3287	9.5680	3.4427	2.1424	5.5851		13,644.8698	13,644.8698	4.4130		13,755.1955

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3.7 230-kV Substation Site Prep Grading Entrance Road Culverts Mobilization - 2022

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	0.1262	4.3441	1.0857	0.0124	0.2860	0.0176	0.3036	0.0784	0.0169	0.0952		1,344.4775	1,344.4775	0.0820		1,346.5275
Vendor	0.0570	1.9044	0.6168	2.3900e-003	0.0340	3.0700e-003	0.0371	9.8700e-003	2.9300e-003	0.0128		255.6080	255.6080	0.0269		256.2806
Worker	0.0764	0.0551	0.5054	1.3200e-003	0.1553	1.0000e-003	0.1563	0.0412	9.2000e-004	0.0421		130.9333	130.9333	3.9200e-003		131.0312
Total	0.2596	6.3035	2.2079	0.0161	0.4753	0.0217	0.4970	0.1294	0.0207	0.1501		1,731.0187	1,731.0187	0.1128		1,733.8393

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.8233	0.0000	2.8233	1.3427	0.0000	1.3427			0.0000			0.0000
Off-Road	6.6584	59.5744	42.1219	0.1410		2.3287	2.3287		2.1424	2.1424	0.0000	13,644.8698	13,644.8698	4.4130		13,755.1955
Total	6.6584	59.5744	42.1219	0.1410	2.8233	2.3287	5.1520	1.3427	2.1424	3.4851	0.0000	13,644.8698	13,644.8698	4.4130		13,755.1955

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3.7 230-kV Substation Site Prep Grading Entrance Road Culverts Mobilization - 2022

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	0.1262	4.3441	1.0857	0.0124	0.2860	0.0176	0.3036	0.0784	0.0169	0.0952		1,344.4775	1,344.4775	0.0820		1,346.5275
Vendor	0.0570	1.9044	0.6168	2.3900e-003	0.0340	3.0700e-003	0.0371	9.8700e-003	2.9300e-003	0.0128		255.6080	255.6080	0.0269		256.2806
Worker	0.0764	0.0551	0.5054	1.3200e-003	0.1553	1.0000e-003	0.1563	0.0412	9.2000e-004	0.0421		130.9333	130.9333	3.9200e-003		131.0312
Total	0.2596	6.3035	2.2079	0.0161	0.4753	0.0217	0.4970	0.1294	0.0207	0.1501		1,731.0187	1,731.0187	0.1128		1,733.8393

3.8 230-kV Substation Fence and Gate Installation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0348	0.4643	0.6936	1.0400e-003		0.0173	0.0173		0.0159	0.0159		100.1956	100.1956	0.0324		101.0058
Total	0.0348	0.4643	0.6936	1.0400e-003		0.0173	0.0173		0.0159	0.0159		100.1956	100.1956	0.0324		101.0058

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3.8 230-kV Substation Fence and Gate Installation - 2022**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	0.0623	2.0365	0.6514	2.9700e-003	0.0520	3.8100e-003	0.0559	0.0150	3.6500e-003	0.0187		317.3571	317.3571	0.0288		318.0781
Worker	0.0436	0.0303	0.2863	6.9000e-004	0.0805	5.4000e-004	0.0810	0.0214	5.0000e-004	0.0219		68.7346	68.7346	2.1500e-003		68.7884
Total	0.1059	2.0668	0.9377	3.6600e-003	0.1325	4.3500e-003	0.1368	0.0364	4.1500e-003	0.0405		386.0918	386.0918	0.0310		386.8665

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	0.0348	0.4643	0.6936	1.0400e-003		0.0173	0.0173		0.0159	0.0159	0.0000	100.1956	100.1956	0.0324		101.0058
Total	0.0348	0.4643	0.6936	1.0400e-003		0.0173	0.0173		0.0159	0.0159	0.0000	100.1956	100.1956	0.0324		101.0058

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3.8 230-kV Substation Fence and Gate Installation - 2022**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	0.0623	2.0365	0.6514	2.9700e-003	0.0520	3.8100e-003	0.0559	0.0150	3.6500e-003	0.0187		317.3571	317.3571	0.0288		318.0781
Worker	0.0436	0.0303	0.2863	6.9000e-004	0.0805	5.4000e-004	0.0810	0.0214	5.0000e-004	0.0219		68.7346	68.7346	2.1500e-003		68.7884
Total	0.1059	2.0668	0.9377	3.6600e-003	0.1325	4.3500e-003	0.1368	0.0364	4.1500e-003	0.0405		386.0918	386.0918	0.0310		386.8665

3.9 Reconductoring Segment Conductor Installation - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.8207	21.9934	19.2902	0.0672		0.8771	0.8771		0.8069	0.8069		6,502.7190	6,502.7190	2.1031		6,555.2967
Total	2.8207	21.9934	19.2902	0.0672		0.8771	0.8771		0.8069	0.8069		6,502.7190	6,502.7190	2.1031		6,555.2967

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3.9 Reconductoring Segment Conductor Installation - 2022**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	0.0506	1.4345	0.4149	4.3100e-003	0.1203	5.5300e-003	0.1259	0.0346	5.2900e-003	0.0399		458.8641	458.8641	0.0207		459.3805
Worker	0.0797	0.0572	0.5268	1.3600e-003	0.1598	1.0300e-003	0.1609	0.0424	9.5000e-004	0.0434		134.9800	134.9800	4.0600e-003		135.0816
Total	0.1303	1.4918	0.9417	5.6700e-003	0.2801	6.5600e-003	0.2867	0.0770	6.2400e-003	0.0833		593.8441	593.8441	0.0247		594.4621

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	2.8207	21.9934	19.2902	0.0672		0.8771	0.8771		0.8069	0.8069	0.0000	6,502.7189	6,502.7189	2.1031		6,555.2967
Total	2.8207	21.9934	19.2902	0.0672		0.8771	0.8771		0.8069	0.8069	0.0000	6,502.7189	6,502.7189	2.1031		6,555.2967

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3.9 Reconductoring Segment Conductor Installation - 2022**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	0.0506	1.4345	0.4149	4.3100e-003	0.1203	5.5300e-003	0.1259	0.0346	5.2900e-003	0.0399		458.8641	458.8641	0.0207		459.3805
Worker	0.0797	0.0572	0.5268	1.3600e-003	0.1598	1.0300e-003	0.1609	0.0424	9.5000e-004	0.0434		134.9800	134.9800	4.0600e-003		135.0816
Total	0.1303	1.4918	0.9417	5.6700e-003	0.2801	6.5600e-003	0.2867	0.0770	6.2400e-003	0.0833		593.8441	593.8441	0.0247		594.4621

3.9 Reconductoring Segment 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	2.6753	19.6218	18.9364	0.0672		0.7684	0.7684		0.7069	0.7069		6,507.0092	6,507.0092	2.1045		6,559.6217
Total	2.6753	19.6218	18.9364	0.0672		0.7684	0.7684		0.7069	0.7069		6,507.0092	6,507.0092	2.1045		6,559.6217

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3.9 Reconductoring Segment 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	0.0382	1.1063	0.3640	4.2200e-003	0.1203	2.6000e-003	0.1229	0.0346	2.4900e-003	0.0371		450.0744	450.0744	0.0191		450.5515
Worker	0.0748	0.0514	0.4799	1.3000e-003	0.1598	1.0100e-003	0.1608	0.0424	9.3000e-004	0.0433		129.9261	129.9261	3.6200e-003		130.0166
Total	0.1130	1.1577	0.8439	5.5200e-003	0.2802	3.6100e-003	0.2838	0.0770	3.4200e-003	0.0804		580.0005	580.0005	0.0227		580.5681

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	2.6753	19.6218	18.9364	0.0672		0.7684	0.7684		0.7069	0.7069	0.0000	6,507.0092	6,507.0092	2.1045		6,559.6216
Total	2.6753	19.6218	18.9364	0.0672		0.7684	0.7684		0.7069	0.7069	0.0000	6,507.0092	6,507.0092	2.1045		6,559.6216

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3.9 Reconductoring Segment 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	0.0382	1.1063	0.3640	4.2200e-003	0.1203	2.6000e-003	0.1229	0.0346	2.4900e-003	0.0371		450.0744	450.0744	0.0191		450.5515
Worker	0.0748	0.0514	0.4799	1.3000e-003	0.1598	1.0100e-003	0.1608	0.0424	9.3000e-004	0.0433		129.9261	129.9261	3.6200e-003		130.0166
Total	0.1130	1.1577	0.8439	5.5200e-003	0.2802	3.6100e-003	0.2838	0.0770	3.4200e-003	0.0804		580.0005	580.0005	0.0227		580.5681

3.10 230-kV Substation Foundation Construction - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5602	5.9289	4.6226	0.0150		0.2377	0.2377		0.2187	0.2187		1,451.1041	1,451.1041	0.4693		1,462.8371
Total	0.5602	5.9289	4.6226	0.0150		0.2377	0.2377		0.2187	0.2187		1,451.1041	1,451.1041	0.4693		1,462.8371

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3.10 230-kV Substation Foundation Construction - 2022**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	0.0643	2.1044	0.6731	3.0700e-003	0.0538	3.9400e-003	0.0577	0.0155	3.7700e-003	0.0193		327.9357	327.9357	0.0298		328.6807
Worker	0.0677	0.0492	0.4485	1.1800e-003	0.1403	8.9000e-004	0.1412	0.0372	8.2000e-004	0.0380		117.9583	117.9583	3.5000e-003		118.0457
Total	0.1320	2.1536	1.1216	4.2500e-003	0.1941	4.8300e-003	0.1989	0.0528	4.5900e-003	0.0574		445.8940	445.8940	0.0333		446.7263

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	0.5602	5.9289	4.6226	0.0150		0.2377	0.2377		0.2187	0.2187	0.0000	1,451.1041	1,451.1041	0.4693		1,462.8371
Total	0.5602	5.9289	4.6226	0.0150		0.2377	0.2377		0.2187	0.2187	0.0000	1,451.1041	1,451.1041	0.4693		1,462.8371

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3.10 230-kV Substation Foundation Construction - 2022**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	0.0643	2.1044	0.6731	3.0700e-003	0.0538	3.9400e-003	0.0577	0.0155	3.7700e-003	0.0193		327.9357	327.9357	0.0298		328.6807
Worker	0.0677	0.0492	0.4485	1.1800e-003	0.1403	8.9000e-004	0.1412	0.0372	8.2000e-004	0.0380		117.9583	117.9583	3.5000e-003		118.0457
Total	0.1320	2.1536	1.1216	4.2500e-003	0.1941	4.8300e-003	0.1989	0.0528	4.5900e-003	0.0574		445.8940	445.8940	0.0333		446.7263

3.11 70-kV Substation Mobilization - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2651	0.0000	0.2651	0.0286	0.0000	0.0286			0.0000			0.0000
Off-Road	0.2899	3.4666	1.9799	4.8700e-003		0.1287	0.1287		0.1184	0.1184		471.2589	471.2589	0.1524		475.0693
Total	0.2899	3.4666	1.9799	4.8700e-003	0.2651	0.1287	0.3938	0.0286	0.1184	0.1470		471.2589	471.2589	0.1524		475.0693

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3.11 70-kV Substation Mobilization - 2022**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	0.0304	0.8607	0.2489	2.5800e-003	0.0722	3.3200e-003	0.0755	0.0208	3.1800e-003	0.0239		275.3185	275.3185	0.0124		275.6283
Worker	0.0463	0.0333	0.3062	7.9000e-004	0.0935	6.0000e-004	0.0941	0.0248	5.6000e-004	0.0254		78.9021	78.9021	2.3700e-003		78.9612
Total	0.0767	0.8941	0.5551	3.3700e-003	0.1657	3.9200e-003	0.1696	0.0456	3.7400e-003	0.0493		354.2205	354.2205	0.0148		354.5896

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					0.1034	0.0000	0.1034	0.0112	0.0000	0.0112			0.0000			0.0000
Off-Road	0.2899	3.4666	1.9799	4.8700e-003		0.1287	0.1287		0.1184	0.1184	0.0000	471.2589	471.2589	0.1524		475.0693
Total	0.2899	3.4666	1.9799	4.8700e-003	0.1034	0.1287	0.2321	0.0112	0.1184	0.1295	0.0000	471.2589	471.2589	0.1524		475.0693

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3.11 70-kV Substation Mobilization - 2022**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	0.0304	0.8607	0.2489	2.5800e-003	0.0722	3.3200e-003	0.0755	0.0208	3.1800e-003	0.0239		275.3185	275.3185	0.0124		275.6283
Worker	0.0463	0.0333	0.3062	7.9000e-004	0.0935	6.0000e-004	0.0941	0.0248	5.6000e-004	0.0254		78.9021	78.9021	2.3700e-003		78.9612
Total	0.0767	0.8941	0.5551	3.3700e-003	0.1657	3.9200e-003	0.1696	0.0456	3.7400e-003	0.0493		354.2205	354.2205	0.0148		354.5896

3.12 70-kV Substation Foundation Construction - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7527	7.3217	6.8781	0.0159		0.4023	0.4023		0.3702	0.3702		1,541.7492	1,541.7492	0.4986		1,554.2150
Total	0.7527	7.3217	6.8781	0.0159		0.4023	0.4023		0.3702	0.3702		1,541.7492	1,541.7492	0.4986		1,554.2150

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3.12 70-kV Substation Foundation Construction - 2022**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	0.0658	1.8649	0.5394	5.6000e-003	0.1564	7.1900e-003	0.1636	0.0450	6.8800e-003	0.0519		596.5233	596.5233	0.0269		597.1947
Worker	0.0681	0.0496	0.4512	1.1900e-003	0.1415	9.0000e-004	0.1424	0.0375	8.3000e-004	0.0384		118.9051	118.9051	3.5200e-003		118.9931
Total	0.1339	1.9145	0.9906	6.7900e-003	0.2979	8.0900e-003	0.3060	0.0825	7.7100e-003	0.0902		715.4284	715.4284	0.0304		716.1877

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	0.7527	7.3217	6.8781	0.0159		0.4023	0.4023		0.3702	0.3702	0.0000	1,541.7492	1,541.7492	0.4986		1,554.2150
Total	0.7527	7.3217	6.8781	0.0159		0.4023	0.4023		0.3702	0.3702	0.0000	1,541.7492	1,541.7492	0.4986		1,554.2150

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3.12 70-kV Substation Foundation Construction - 2022**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	0.0658	1.8649	0.5394	5.6000e-003	0.1564	7.1900e-003	0.1636	0.0450	6.8800e-003	0.0519		596.5233	596.5233	0.0269		597.1947
Worker	0.0681	0.0496	0.4512	1.1900e-003	0.1415	9.0000e-004	0.1424	0.0375	8.3000e-004	0.0384		118.9051	118.9051	3.5200e-003		118.9931
Total	0.1339	1.9145	0.9906	6.7900e-003	0.2979	8.0900e-003	0.3060	0.0825	7.7100e-003	0.0902		715.4284	715.4284	0.0304		716.1877

3.13 70-kV Substation Ground Grid Conduit Installation - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3964	3.7915	3.6277	4.8600e-003		0.2472	0.2472		0.2274	0.2274		471.1413	471.1413	0.1524		474.9507
Total	0.3964	3.7915	3.6277	4.8600e-003		0.2472	0.2472		0.2274	0.2274		471.1413	471.1413	0.1524		474.9507

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3.13 70-kV Substation Ground Grid Conduit Installation - 2022**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	0.0456	1.2911	0.3734	3.8700e-003	0.1083	4.9800e-003	0.1133	0.0312	4.7600e-003	0.0359		412.9777	412.9777	0.0186		413.4425
Worker	0.0371	0.0270	0.2461	6.5000e-004	0.0772	4.9000e-004	0.0776	0.0205	4.5000e-004	0.0209		64.8573	64.8573	1.9200e-003		64.9053
Total	0.0827	1.3181	0.6195	4.5200e-003	0.1854	5.4700e-003	0.1909	0.0516	5.2100e-003	0.0568		477.8350	477.8350	0.0205		478.3478

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	0.3964	3.7915	3.6277	4.8600e-003		0.2472	0.2472		0.2274	0.2274	0.0000	471.1413	471.1413	0.1524		474.9507
Total	0.3964	3.7915	3.6277	4.8600e-003		0.2472	0.2472		0.2274	0.2274	0.0000	471.1413	471.1413	0.1524		474.9507

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3.13 70-kV Substation Ground Grid Conduit Installation - 2022**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	0.0456	1.2911	0.3734	3.8700e-003	0.1083	4.9800e-003	0.1133	0.0312	4.7600e-003	0.0359		412.9777	412.9777	0.0186		413.4425
Worker	0.0371	0.0270	0.2461	6.5000e-004	0.0772	4.9000e-004	0.0776	0.0205	4.5000e-004	0.0209		64.8573	64.8573	1.9200e-003		64.9053
Total	0.0827	1.3181	0.6195	4.5200e-003	0.1854	5.4700e-003	0.1909	0.0516	5.2100e-003	0.0568		477.8350	477.8350	0.0205		478.3478

3.14 230-kV Substation Ground Grid Conduit Installation - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3639	3.3797	2.5990	3.3700e-003		0.2395	0.2395		0.2203	0.2203		326.9494	326.9494	0.1057		329.5930
Total	0.3639	3.3797	2.5990	3.3700e-003		0.2395	0.2395		0.2203	0.2203		326.9494	326.9494	0.1057		329.5930

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3.14 230-kV Substation Ground Grid Conduit Installation - 2022**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	0.0529	1.7839	0.5813	2.0600e-003	0.0251	2.6400e-003	0.0278	7.3000e-003	2.5300e-003	9.8300e-003		220.4565	220.4565	0.0252		221.0858
Worker	0.0393	0.0289	0.2611	7.0000e-004	0.0835	5.2000e-004	0.0841	0.0222	4.8000e-004	0.0226		70.0216	70.0216	2.0500e-003		70.0729
Total	0.0922	1.8128	0.8424	2.7600e-003	0.1087	3.1600e-003	0.1118	0.0295	3.0100e-003	0.0325		290.4781	290.4781	0.0272		291.1588

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	0.3639	3.3797	2.5990	3.3700e-003		0.2395	0.2395		0.2203	0.2203	0.0000	326.9494	326.9494	0.1057		329.5930
Total	0.3639	3.3797	2.5990	3.3700e-003		0.2395	0.2395		0.2203	0.2203	0.0000	326.9494	326.9494	0.1057		329.5930

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3.14 230-kV Substation Ground Grid Conduit Installation - 2022**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	0.0529	1.7839	0.5813	2.0600e-003	0.0251	2.6400e-003	0.0278	7.3000e-003	2.5300e-003	9.8300e-003		220.4565	220.4565	0.0252		221.0858
Worker	0.0393	0.0289	0.2611	7.0000e-004	0.0835	5.2000e-004	0.0841	0.0222	4.8000e-004	0.0226		70.0216	70.0216	2.0500e-003		70.0729
Total	0.0922	1.8128	0.8424	2.7600e-003	0.1087	3.1600e-003	0.1118	0.0295	3.0100e-003	0.0325		290.4781	290.4781	0.0272		291.1588

3.15 230-kV Substation Steel Bus Erection - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5550	4.4273	4.1662	0.0145		0.1536	0.1536		0.1413	0.1413		1,399.0142	1,399.0142	0.4525		1,410.3260
Total	0.5550	4.4273	4.1662	0.0145		0.1536	0.1536		0.1413	0.1413		1,399.0142	1,399.0142	0.4525		1,410.3260

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3.15 230-kV Substation Steel Bus Erection - 2022**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	0.0570	1.9044	0.6168	2.3900e-003	0.0340	3.0700e-003	0.0371	9.8700e-003	2.9300e-003	0.0128		255.6080	255.6080	0.0269		256.2806
Worker	0.0406	0.0300	0.2699	7.3000e-004	0.0873	5.4000e-004	0.0878	0.0232	5.0000e-004	0.0237		73.0464	73.0464	2.1300e-003		73.0997
Total	0.0976	1.9343	0.8867	3.1200e-003	0.1213	3.6100e-003	0.1249	0.0330	3.4300e-003	0.0365		328.6544	328.6544	0.0290		329.3803

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	0.5550	4.4273	4.1662	0.0145		0.1536	0.1536		0.1413	0.1413	0.0000	1,399.0142	1,399.0142	0.4525		1,410.3260
Total	0.5550	4.4273	4.1662	0.0145		0.1536	0.1536		0.1413	0.1413	0.0000	1,399.0142	1,399.0142	0.4525		1,410.3260

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3.15 230-kV Substation Steel Bus Erection - 2022**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	0.0570	1.9044	0.6168	2.3900e-003	0.0340	3.0700e-003	0.0371	9.8700e-003	2.9300e-003	0.0128		255.6080	255.6080	0.0269		256.2806
Worker	0.0406	0.0300	0.2699	7.3000e-004	0.0873	5.4000e-004	0.0878	0.0232	5.0000e-004	0.0237		73.0464	73.0464	2.1300e-003		73.0997
Total	0.0976	1.9343	0.8867	3.1200e-003	0.1213	3.6100e-003	0.1249	0.0330	3.4300e-003	0.0365		328.6544	328.6544	0.0290		329.3803

3.15 230-kV Substation Steel Bus Erection - 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	0.5294	3.9615	4.0945	0.0145		0.1358	0.1358		0.1250	0.1250		1,399.9174	1,399.9174	0.4528		1,411.2365
Total	0.5294	3.9615	4.0945	0.0145		0.1358	0.1358		0.1250	0.1250		1,399.9174	1,399.9174	0.4528		1,411.2365

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3.15 230-kV Substation Steel Bus Erection - 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	0.0443	1.6831	0.5351	2.3600e-003	0.0340	1.3300e-003	0.0354	9.8700e-003	1.2700e-003	0.0111		252.8652	252.8652	0.0228		253.4344
Worker	0.0381	0.0269	0.2461	7.1000e-004	0.0873	5.3000e-004	0.0878	0.0232	4.9000e-004	0.0236		70.3092	70.3092	1.9000e-003		70.3567
Total	0.0824	1.7100	0.7812	3.0700e-003	0.1213	1.8600e-003	0.1232	0.0330	1.7600e-003	0.0348		323.1744	323.1744	0.0247		323.7910

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	0.5294	3.9615	4.0945	0.0145		0.1358	0.1358		0.1250	0.1250	0.0000	1,399.9174	1,399.9174	0.4528		1,411.2365
Total	0.5294	3.9615	4.0945	0.0145		0.1358	0.1358		0.1250	0.1250	0.0000	1,399.9174	1,399.9174	0.4528		1,411.2365

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3.15 230-kV Substation Steel Bus Erection - 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	0.0443	1.6831	0.5351	2.3600e-003	0.0340	1.3300e-003	0.0354	9.8700e-003	1.2700e-003	0.0111		252.8652	252.8652	0.0228		253.4344
Worker	0.0381	0.0269	0.2461	7.1000e-004	0.0873	5.3000e-004	0.0878	0.0232	4.9000e-004	0.0236		70.3092	70.3092	1.9000e-003		70.3567
Total	0.0824	1.7100	0.7812	3.0700e-003	0.1213	1.8600e-003	0.1232	0.0330	1.7600e-003	0.0348		323.1744	323.1744	0.0247		323.7910

3.16 230-kV Substation Install Yard Rock - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7475	6.1779	5.9324	0.0191		0.2256	0.2256		0.2075	0.2075		1,849.2207	1,849.2207	0.5981		1,864.1726
Total	0.7475	6.1779	5.9324	0.0191		0.2256	0.2256		0.2075	0.2075		1,849.2207	1,849.2207	0.5981		1,864.1726

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3.16 230-kV Substation Install Yard Rock - 2022**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	0.1758	5.1379	1.5222	0.0136	0.3619	0.0175	0.3794	0.1042	0.0167	0.1209		1,449.2970	1,449.2970	0.0737		1,451.1396
Worker	0.0581	0.0426	0.3859	1.0300e-003	0.1228	7.7000e-004	0.1236	0.0326	7.1000e-004	0.0333		103.0405	103.0405	3.0300e-003		103.1162
Total	0.2339	5.1805	1.9081	0.0146	0.4847	0.0182	0.5030	0.1367	0.0174	0.1542		1,552.3375	1,552.3375	0.0767		1,554.2557

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	0.7475	6.1779	5.9324	0.0191		0.2256	0.2256		0.2075	0.2075	0.0000	1,849.2207	1,849.2207	0.5981		1,864.1726
Total	0.7475	6.1779	5.9324	0.0191		0.2256	0.2256		0.2075	0.2075	0.0000	1,849.2207	1,849.2207	0.5981		1,864.1726

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3.16 230-kV Substation Install Yard Rock - 2022**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	0.1758	5.1379	1.5222	0.0136	0.3619	0.0175	0.3794	0.1042	0.0167	0.1209		1,449.2970	1,449.2970	0.0737		1,451.1396
Worker	0.0581	0.0426	0.3859	1.0300e-003	0.1228	7.7000e-004	0.1236	0.0326	7.1000e-004	0.0333		103.0405	103.0405	3.0300e-003		103.1162
Total	0.2339	5.1805	1.9081	0.0146	0.4847	0.0182	0.5030	0.1367	0.0174	0.1542		1,552.3375	1,552.3375	0.0767		1,554.2557

3.16 230-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	0.7112	5.5407	5.8424	0.0191		0.1978	0.1978		0.1820	0.1820		1,850.4684	1,850.4684	0.5985		1,865.4304
Total	0.7112	5.5407	5.8424	0.0191		0.1978	0.1978		0.1820	0.1820		1,850.4684	1,850.4684	0.5985		1,865.4304

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3.16 230-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	0.1333	4.0800	1.3321	0.0133	0.3620	8.1600e-003	0.3701	0.1042	7.8000e-003	0.1120		1,422.7178	1,422.7178	0.0669		1,424.3914
Worker	0.0546	0.0383	0.3517	1.0000e-003	0.1228	7.5000e-004	0.1236	0.0326	6.9000e-004	0.0333		99.1801	99.1801	2.7000e-003		99.2475
Total	0.1879	4.1183	1.6838	0.0143	0.4848	8.9100e-003	0.4937	0.1368	8.4900e-003	0.1453		1,521.8978	1,521.8978	0.0696		1,523.6389

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	0.7112	5.5407	5.8424	0.0191		0.1978	0.1978		0.1820	0.1820	0.0000	1,850.4684	1,850.4684	0.5985		1,865.4304
Total	0.7112	5.5407	5.8424	0.0191		0.1978	0.1978		0.1820	0.1820	0.0000	1,850.4684	1,850.4684	0.5985		1,865.4304

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3.16 230-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	0.1333	4.0800	1.3321	0.0133	0.3620	8.1600e-003	0.3701	0.1042	7.8000e-003	0.1120		1,422.7178	1,422.7178	0.0669		1,424.3914
Worker	0.0546	0.0383	0.3517	1.0000e-003	0.1228	7.5000e-004	0.1236	0.0326	6.9000e-004	0.0333		99.1801	99.1801	2.7000e-003		99.2475
Total	0.1879	4.1183	1.6838	0.0143	0.4848	8.9100e-003	0.4937	0.1368	8.4900e-003	0.1453		1,521.8978	1,521.8978	0.0696		1,523.6389

3.17 70-kV Substation Steel Bus Erection - 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	0.8239	6.4014	7.0821	0.0231		0.2117	0.2117		0.1947	0.1947		2,239.9099	2,239.9099	0.7244		2,258.0207
Total	0.8239	6.4014	7.0821	0.0231		0.2117	0.2117		0.1947	0.1947		2,239.9099	2,239.9099	0.7244		2,258.0207

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3.17 70-kV Substation Steel Bus Erection - 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	0.0344	0.9957	0.3276	3.8000e-003	0.1083	2.3400e-003	0.1107	0.0312	2.2400e-003	0.0334		405.0669	405.0669	0.0172		405.4964
Worker	0.0368	0.0252	0.2363	6.4000e-004	0.0782	4.9000e-004	0.0787	0.0208	4.6000e-004	0.0212		63.6377	63.6377	1.7800e-003		63.6821
Total	0.0712	1.0209	0.5639	4.4400e-003	0.1865	2.8300e-003	0.1894	0.0519	2.7000e-003	0.0546		468.7046	468.7046	0.0190		469.1785

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	0.8239	6.4014	7.0821	0.0231		0.2117	0.2117		0.1947	0.1947	0.0000	2,239.9099	2,239.9099	0.7244		2,258.0207
Total	0.8239	6.4014	7.0821	0.0231		0.2117	0.2117		0.1947	0.1947	0.0000	2,239.9099	2,239.9099	0.7244		2,258.0207

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3.17 70-kV Substation Steel Bus Erection - 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	0.0344	0.9957	0.3276	3.8000e-003	0.1083	2.3400e-003	0.1107	0.0312	2.2400e-003	0.0334		405.0669	405.0669	0.0172		405.4964
Worker	0.0368	0.0252	0.2363	6.4000e-004	0.0782	4.9000e-004	0.0787	0.0208	4.6000e-004	0.0212		63.6377	63.6377	1.7800e-003		63.6821
Total	0.0712	1.0209	0.5639	4.4400e-003	0.1865	2.8300e-003	0.1894	0.0519	2.7000e-003	0.0546		468.7046	468.7046	0.0190		469.1785

3.18 230-kV Substation Transformer & 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	1.8288	13.5256	13.6033	0.0467		0.5180	0.5180		0.4830	0.4830		4,507.8392	4,507.8392	1.3491		4,541.5672
Total	1.8288	13.5256	13.6033	0.0467		0.5180	0.5180		0.4830	0.4830		4,507.8392	4,507.8392	1.3491		4,541.5672

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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	0.0440	1.6762	0.5328	2.3200e-003	0.0327	1.3000e-003	0.0340	9.4700e-003	1.2500e-003	0.0107		248.2154	248.2154	0.0226		248.7809
Worker	0.0526	0.0367	0.3385	9.5000e-004	0.1167	7.2000e-004	0.1174	0.0310	6.6000e-004	0.0316		94.3874	94.3874	2.5900e-003		94.4520
Total	0.0965	1.7129	0.8713	3.2700e-003	0.1493	2.0200e-003	0.1514	0.0404	1.9100e-003	0.0423		342.6027	342.6027	0.0252		343.2329

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

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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	0.0440	1.6762	0.5328	2.3200e-003	0.0327	1.3000e-003	0.0340	9.4700e-003	1.2500e-003	0.0107		248.2154	248.2154	0.0226		248.7809
Worker	0.0526	0.0367	0.3385	9.5000e-004	0.1167	7.2000e-004	0.1174	0.0310	6.6000e-004	0.0316		94.3874	94.3874	2.5900e-003		94.4520
Total	0.0965	1.7129	0.8713	3.2700e-003	0.1493	2.0200e-003	0.1514	0.0404	1.9100e-003	0.0423		342.6027	342.6027	0.0252		343.2329

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

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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	7.6500e-003	0.2213	0.0728	8.4000e-004	0.0241	5.2000e-004	0.0246	6.9200e-003	5.0000e-004	7.4200e-003		90.0149	90.0149	3.8200e-003		90.1103
Worker	0.0394	0.0280	0.2547	7.4000e-004	0.0913	5.5000e-004	0.0918	0.0242	5.1000e-004	0.0247		73.4333	73.4333	1.9700e-003		73.4826
Total	0.0471	0.2492	0.3275	1.5800e-003	0.1154	1.0700e-003	0.1164	0.0311	1.0100e-003	0.0321		163.4482	163.4482	5.7900e-003		163.5929

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

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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	7.6500e-003	0.2213	0.0728	8.4000e-004	0.0241	5.2000e-004	0.0246	6.9200e-003	5.0000e-004	7.4200e-003		90.0149	90.0149	3.8200e-003		90.1103
Worker	0.0394	0.0280	0.2547	7.4000e-004	0.0913	5.5000e-004	0.0918	0.0242	5.1000e-004	0.0247		73.4333	73.4333	1.9700e-003		73.4826
Total	0.0471	0.2492	0.3275	1.5800e-003	0.1154	1.0700e-003	0.1164	0.0311	1.0100e-003	0.0321		163.4482	163.4482	5.7900e-003		163.5929

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

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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	0.0421	1.5890	0.5056	2.3200e-003	0.0354	1.3100e-003	0.0367	0.0103	1.2600e-003	0.0115		248.1591	248.1591	0.0216		248.6998
Worker	0.0296	0.0210	0.1910	5.5000e-004	0.0685	4.1000e-004	0.0689	0.0182	3.8000e-004	0.0185		55.0750	55.0750	1.4800e-003		55.1120
Total	0.0717	1.6100	0.6966	2.8700e-003	0.1039	1.7200e-003	0.1056	0.0284	1.6400e-003	0.0301		303.2341	303.2341	0.0231		303.8118

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

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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	0.0421	1.5890	0.5056	2.3200e-003	0.0354	1.3100e-003	0.0367	0.0103	1.2600e-003	0.0115		248.1591	248.1591	0.0216		248.6998
Worker	0.0296	0.0210	0.1910	5.5000e-004	0.0685	4.1000e-004	0.0689	0.0182	3.8000e-004	0.0185		55.0750	55.0750	1.4800e-003		55.1120
Total	0.0717	1.6100	0.6966	2.8700e-003	0.1039	1.7200e-003	0.1056	0.0284	1.6400e-003	0.0301		303.2341	303.2341	0.0231		303.8118

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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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	0.0421	1.2169	0.4004	4.6400e-003	0.1324	2.8600e-003	0.1352	0.0381	2.7400e-003	0.0408		495.0818	495.0818	0.0210		495.6067
Worker	0.1249	0.0886	0.8065	2.3300e-003	0.2891	1.7500e-003	0.2908	0.0767	1.6100e-003	0.0783		232.5389	232.5389	6.2500e-003		232.6950
Total	0.1670	1.3055	1.2069	6.9700e-003	0.4214	4.6100e-003	0.4261	0.1148	4.3500e-003	0.1191		727.6207	727.6207	0.0272		728.3017

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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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	0.0421	1.2169	0.4004	4.6400e-003	0.1324	2.8600e-003	0.1352	0.0381	2.7400e-003	0.0408		495.0818	495.0818	0.0210		495.6067
Worker	0.1249	0.0886	0.8065	2.3300e-003	0.2891	1.7500e-003	0.2908	0.0767	1.6100e-003	0.0783		232.5389	232.5389	6.2500e-003		232.6950
Total	0.1670	1.3055	1.2069	6.9700e-003	0.4214	4.6100e-003	0.4261	0.1148	4.3500e-003	0.1191		727.6207	727.6207	0.0272		728.3017

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

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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	0.0459	1.3275	0.4368	5.0600e-003	0.1444	3.1200e-003	0.1475	0.0415	2.9900e-003	0.0445		540.0893	540.0893	0.0229		540.6618
Worker	0.0434	0.0299	0.2790	7.6000e-004	0.0935	5.9000e-004	0.0941	0.0248	5.4000e-004	0.0254		75.9476	75.9476	2.1100e-003		76.0003
Total	0.0893	1.3575	0.7157	5.8200e-003	0.2379	3.7100e-003	0.2416	0.0664	3.5300e-003	0.0699		616.0368	616.0368	0.0250		616.6621

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

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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	0.0459	1.3275	0.4368	5.0600e-003	0.1444	3.1200e-003	0.1475	0.0415	2.9900e-003	0.0445		540.0893	540.0893	0.0229		540.6618
Worker	0.0434	0.0299	0.2790	7.6000e-004	0.0935	5.9000e-004	0.0941	0.0248	5.4000e-004	0.0254		75.9476	75.9476	2.1100e-003		76.0003
Total	0.0893	1.3575	0.7157	5.8200e-003	0.2379	3.7100e-003	0.2416	0.0664	3.5300e-003	0.0699		616.0368	616.0368	0.0250		616.6621

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

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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	7.6500e-003	0.2213	0.0728	8.4000e-004	0.0241	5.2000e-004	0.0246	6.9200e-003	5.0000e-004	7.4200e-003		90.0149	90.0149	3.8200e-003		90.1103
Worker	0.0372	0.0261	0.2396	6.8000e-004	0.0843	5.1000e-004	0.0848	0.0224	4.7000e-004	0.0228		67.9661	67.9661	1.8400e-003		68.0122
Total	0.0448	0.2474	0.3124	1.5200e-003	0.1083	1.0300e-003	0.1094	0.0293	9.7000e-004	0.0303		157.9810	157.9810	5.6600e-003		158.1225

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

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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	7.6500e-003	0.2213	0.0728	8.4000e-004	0.0241	5.2000e-004	0.0246	6.9200e-003	5.0000e-004	7.4200e-003		90.0149	90.0149	3.8200e-003		90.1103
Worker	0.0372	0.0261	0.2396	6.8000e-004	0.0843	5.1000e-004	0.0848	0.0224	4.7000e-004	0.0228		67.9661	67.9661	1.8400e-003		68.0122
Total	0.0448	0.2474	0.3124	1.5200e-003	0.1083	1.0300e-003	0.1094	0.0293	9.7000e-004	0.0303		157.9810	157.9810	5.6600e-003		158.1225

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

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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	0.0344	0.9957	0.3276	3.8000e-003	0.1083	2.3400e-003	0.1107	0.0312	2.2400e-003	0.0334		405.0669	405.0669	0.0172		405.4964
Worker	0.0460	0.0326	0.2971	8.6000e-004	0.1065	6.4000e-004	0.1071	0.0283	5.9000e-004	0.0288		85.6722	85.6722	2.3000e-003		85.7297
Total	0.0804	1.0283	0.6247	4.6600e-003	0.2148	2.9800e-003	0.2178	0.0594	2.8300e-003	0.0622		490.7392	490.7392	0.0195		491.2261

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

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

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	0.0344	0.9957	0.3276	3.8000e-003	0.1083	2.3400e-003	0.1107	0.0312	2.2400e-003	0.0334		405.0669	405.0669	0.0172		405.4964
Worker	0.0460	0.0326	0.2971	8.6000e-004	0.1065	6.4000e-004	0.1071	0.0283	5.9000e-004	0.0288		85.6722	85.6722	2.3000e-003		85.7297
Total	0.0804	1.0283	0.6247	4.6600e-003	0.2148	2.9800e-003	0.2178	0.0594	2.8300e-003	0.0622		490.7392	490.7392	0.0195		491.2261

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

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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	0.0115	0.3319	0.1092	1.2700e-003	0.0361	7.8000e-004	0.0369	0.0104	7.5000e-004	0.0111		135.0223	135.0223	5.7300e-003		135.1655
Worker	0.0329	0.0233	0.2122	6.1000e-004	0.0761	4.6000e-004	0.0765	0.0202	4.2000e-004	0.0206		61.1944	61.1944	1.6400e-003		61.2355
Total	0.0443	0.3552	0.3214	1.8800e-003	0.1122	1.2400e-003	0.1134	0.0306	1.1700e-003	0.0317		196.2167	196.2167	7.3700e-003		196.4010

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

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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	0.0115	0.3319	0.1092	1.2700e-003	0.0361	7.8000e-004	0.0369	0.0104	7.5000e-004	0.0111		135.0223	135.0223	5.7300e-003		135.1655
Worker	0.0329	0.0233	0.2122	6.1000e-004	0.0761	4.6000e-004	0.0765	0.0202	4.2000e-004	0.0206		61.1944	61.1944	1.6400e-003		61.2355
Total	0.0443	0.3552	0.3214	1.8800e-003	0.1122	1.2400e-003	0.1134	0.0306	1.1700e-003	0.0317		196.2167	196.2167	7.3700e-003		196.4010

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

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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	0.0994	2.8763	0.9463	0.0110	0.3129	6.7700e-003	0.3197	0.0900	6.4700e-003	0.0965		1,170.1934	1,170.1934	0.0496		1,171.4339
Worker	0.0299	0.0203	0.1918	5.1000e-004	0.0620	4.0000e-004	0.0624	0.0165	3.7000e-004	0.0168		50.6414	50.6414	1.4300e-003		50.6772
Total	0.1293	2.8967	1.1381	0.0115	0.3749	7.1700e-003	0.3821	0.1065	6.8400e-003	0.1133		1,220.8348	1,220.8348	0.0511		1,222.1111

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

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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	0.0994	2.8763	0.9463	0.0110	0.3129	6.7700e-003	0.3197	0.0900	6.4700e-003	0.0965		1,170.1934	1,170.1934	0.0496		1,171.4339
Worker	0.0299	0.0203	0.1918	5.1000e-004	0.0620	4.0000e-004	0.0624	0.0165	3.7000e-004	0.0168		50.6414	50.6414	1.4300e-003		50.6772
Total	0.1293	2.8967	1.1381	0.0115	0.3749	7.1700e-003	0.3821	0.1065	6.8400e-003	0.1133		1,220.8348	1,220.8348	0.0511		1,222.1111

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

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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	0.0115	0.3319	0.1092	1.2700e-003	0.0361	7.8000e-004	0.0369	0.0104	7.5000e-004	0.0111		135.0223	135.0223	5.7300e-003		135.1655
Worker	0.0297	0.0202	0.1904	5.0000e-004	0.0614	3.9000e-004	0.0618	0.0163	3.6000e-004	0.0167		50.1444	50.1444	1.4200e-003		50.1799
Total	0.0412	0.3520	0.2996	1.7700e-003	0.0975	1.1700e-003	0.0987	0.0267	1.1100e-003	0.0278		185.1667	185.1667	7.1500e-003		185.3454

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

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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	0.0115	0.3319	0.1092	1.2700e-003	0.0361	7.8000e-004	0.0369	0.0104	7.5000e-004	0.0111		135.0223	135.0223	5.7300e-003		135.1655
Worker	0.0297	0.0202	0.1904	5.0000e-004	0.0614	3.9000e-004	0.0618	0.0163	3.6000e-004	0.0167		50.1444	50.1444	1.4200e-003		50.1799
Total	0.0412	0.3520	0.2996	1.7700e-003	0.0975	1.1700e-003	0.0987	0.0267	1.1100e-003	0.0278		185.1667	185.1667	7.1500e-003		185.3454

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

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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	0.0382	1.1063	0.3640	4.2200e-003	0.1203	2.6000e-003	0.1229	0.0346	2.4900e-003	0.0371		450.0744	450.0744	0.0191		450.5515
Worker	0.0592	0.0414	0.3814	1.0700e-003	0.1321	8.1000e-004	0.1329	0.0350	7.5000e-004	0.0358		106.7683	106.7683	2.9200e-003		106.8412
Total	0.0975	1.1477	0.7453	5.2900e-003	0.2524	3.4100e-003	0.2558	0.0697	3.2400e-003	0.0729		556.8426	556.8426	0.0220		557.3927

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

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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	0.0382	1.1063	0.3640	4.2200e-003	0.1203	2.6000e-003	0.1229	0.0346	2.4900e-003	0.0371		450.0744	450.0744	0.0191		450.5515
Worker	0.0592	0.0414	0.3814	1.0700e-003	0.1321	8.1000e-004	0.1329	0.0350	7.5000e-004	0.0358		106.7683	106.7683	2.9200e-003		106.8412
Total	0.0975	1.1477	0.7453	5.2900e-003	0.2524	3.4100e-003	0.2558	0.0697	3.2400e-003	0.0729		556.8426	556.8426	0.0220		557.3927

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

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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	0.0191	0.5531	0.1820	2.1100e-003	0.0602	1.3000e-003	0.0615	0.0173	1.2500e-003	0.0186		225.0372	225.0372	9.5400e-003		225.2758
Worker	0.0457	0.0317	0.2938	8.2000e-004	0.1004	6.2000e-004	0.1011	0.0267	5.7000e-004	0.0272		81.3438	81.3438	2.2400e-003		81.3997
Total	0.0648	0.5849	0.4758	2.9300e-003	0.1606	1.9200e-003	0.1625	0.0440	1.8200e-003	0.0458		306.3810	306.3810	0.0118		306.6755

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

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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	0.0191	0.5531	0.1820	2.1100e-003	0.0602	1.3000e-003	0.0615	0.0173	1.2500e-003	0.0186		225.0372	225.0372	9.5400e-003		225.2758
Worker	0.0457	0.0317	0.2938	8.2000e-004	0.1004	6.2000e-004	0.1011	0.0267	5.7000e-004	0.0272		81.3438	81.3438	2.2400e-003		81.3997
Total	0.0648	0.5849	0.4758	2.9300e-003	0.1606	1.9200e-003	0.1625	0.0440	1.8200e-003	0.0458		306.3810	306.3810	0.0118		306.6755

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

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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	0.0573	1.6594	0.5460	6.3300e-003	0.1805	3.9100e-003	0.1844	0.0519	3.7400e-003	0.0557		675.1116	675.1116	0.0286		675.8273
Worker	0.1161	0.0805	0.7463	2.0700e-003	0.2543	1.5800e-003	0.2558	0.0675	1.4600e-003	0.0689		206.0175	206.0175	5.6800e-003		206.1594
Total	0.1734	1.7399	1.2922	8.4000e-003	0.4348	5.4900e-003	0.4403	0.1194	5.2000e-003	0.1246		881.1290	881.1290	0.0343		881.9866

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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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	0.0573	1.6594	0.5460	6.3300e-003	0.1805	3.9100e-003	0.1844	0.0519	3.7400e-003	0.0557		675.1116	675.1116	0.0286		675.8273
Worker	0.1161	0.0805	0.7463	2.0700e-003	0.2543	1.5800e-003	0.2558	0.0675	1.4600e-003	0.0689		206.0175	206.0175	5.6800e-003		206.1594
Total	0.1734	1.7399	1.2922	8.4000e-003	0.4348	5.4900e-003	0.4403	0.1194	5.2000e-003	0.1246		881.1290	881.1290	0.0343		881.9866

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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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	0.0612	1.7700	0.5824	6.7500e-003	0.1925	4.1700e-003	0.1967	0.0554	3.9800e-003	0.0594		720.1190	720.1190	0.0305		720.8824
Worker	0.0394	0.0280	0.2547	7.4000e-004	0.0913	5.5000e-004	0.0918	0.0242	5.1000e-004	0.0247		73.4333	73.4333	1.9700e-003		73.4826
Total	0.1006	1.7980	0.8370	7.4900e-003	0.2838	4.7200e-003	0.2886	0.0796	4.4900e-003	0.0841		793.5523	793.5523	0.0325		794.3650

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

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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	0.0612	1.7700	0.5824	6.7500e-003	0.1925	4.1700e-003	0.1967	0.0554	3.9800e-003	0.0594		720.1190	720.1190	0.0305		720.8824
Worker	0.0394	0.0280	0.2547	7.4000e-004	0.0913	5.5000e-004	0.0918	0.0242	5.1000e-004	0.0247		73.4333	73.4333	1.9700e-003		73.4826
Total	0.1006	1.7980	0.8370	7.4900e-003	0.2838	4.7200e-003	0.2886	0.0796	4.4900e-003	0.0841		793.5523	793.5523	0.0325		794.3650

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

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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	0.1109	3.2082	1.0555	0.0122	0.3490	7.5500e-003	0.3565	0.1004	7.2200e-003	0.1076		1,305.2157	1,305.2157	0.0554		1,306.5994
Worker	0.0217	0.0150	0.1395	3.8000e-004	0.0468	2.9000e-004	0.0471	0.0124	2.7000e-004	0.0127		37.9738	37.9738	1.0500e-003		38.0001
Total	0.1326	3.2232	1.1950	0.0126	0.3957	7.8400e-003	0.4036	0.1128	7.4900e-003	0.1203		1,343.1895	1,343.1895	0.0564		1,344.5995

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

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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	0.1109	3.2082	1.0555	0.0122	0.3490	7.5500e-003	0.3565	0.1004	7.2200e-003	0.1076		1,305.2157	1,305.2157	0.0554		1,306.5994
Worker	0.0217	0.0150	0.1395	3.8000e-004	0.0468	2.9000e-004	0.0471	0.0124	2.7000e-004	0.0127		37.9738	37.9738	1.0500e-003		38.0001
Total	0.1326	3.2232	1.1950	0.0126	0.3957	7.8400e-003	0.4036	0.1128	7.4900e-003	0.1203		1,343.1895	1,343.1895	0.0564		1,344.5995

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

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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	0.0283	0.0196	0.1819	5.0000e-004	0.0619	3.9000e-004	0.0623	0.0164	3.6000e-004	0.0168		50.1890	50.1890	1.3800e-003		50.2236
Total	0.0283	0.0196	0.1819	5.0000e-004	0.0619	3.9000e-004	0.0623	0.0164	3.6000e-004	0.0168		50.1890	50.1890	1.3800e-003		50.2236

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

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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	0.0283	0.0196	0.1819	5.0000e-004	0.0619	3.9000e-004	0.0623	0.0164	3.6000e-004	0.0168		50.1890	50.1890	1.3800e-003		50.2236
Total	0.0283	0.0196	0.1819	5.0000e-004	0.0619	3.9000e-004	0.0623	0.0164	3.6000e-004	0.0168		50.1890	50.1890	1.3800e-003		50.2236

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

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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	7.6500e-003	0.2213	0.0728	8.4000e-004	0.0241	5.2000e-004	0.0246	6.9200e-003	5.0000e-004	7.4200e-003		90.0149	90.0149	3.8200e-003		90.1103
Worker	0.0349	0.0243	0.2243	6.3000e-004	0.0772	4.8000e-004	0.0776	0.0205	4.4000e-004	0.0209		62.4279	62.4279	1.7100e-003		62.4707
Total	0.0425	0.2455	0.2971	1.4700e-003	0.1012	1.0000e-003	0.1022	0.0274	9.4000e-004	0.0283		152.4428	152.4428	5.5300e-003		152.5810

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

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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	7.6500e-003	0.2213	0.0728	8.4000e-004	0.0241	5.2000e-004	0.0246	6.9200e-003	5.0000e-004	7.4200e-003		90.0149	90.0149	3.8200e-003		90.1103
Worker	0.0349	0.0243	0.2243	6.3000e-004	0.0772	4.8000e-004	0.0776	0.0205	4.4000e-004	0.0209		62.4279	62.4279	1.7100e-003		62.4707
Total	0.0425	0.2455	0.2971	1.4700e-003	0.1012	1.0000e-003	0.1022	0.0274	9.4000e-004	0.0283		152.4428	152.4428	5.5300e-003		152.5810

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	0.0382	1.1063	0.3640	4.2200e-003	0.1203	2.6000e-003	0.1229	0.0346	2.4900e-003	0.0371		450.0744	450.0744	0.0191		450.5515
Worker	0.0938	0.0654	0.6039	1.6900e-003	0.2084	1.2900e-003	0.2097	0.0553	1.1900e-003	0.0565		168.5571	168.5571	4.6100e-003		168.6724
Total	0.1320	1.1717	0.9679	5.9100e-003	0.3288	3.8900e-003	0.3326	0.0899	3.6800e-003	0.0936		618.6315	618.6315	0.0237		619.2240

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	0.0382	1.1063	0.3640	4.2200e-003	0.1203	2.6000e-003	0.1229	0.0346	2.4900e-003	0.0371		450.0744	450.0744	0.0191		450.5515
Worker	0.0938	0.0654	0.6039	1.6900e-003	0.2084	1.2900e-003	0.2097	0.0553	1.1900e-003	0.0565		168.5571	168.5571	4.6100e-003		168.6724
Total	0.1320	1.1717	0.9679	5.9100e-003	0.3288	3.8900e-003	0.3326	0.0899	3.6800e-003	0.0936		618.6315	618.6315	0.0237		619.2240

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	0.0365	1.0691	0.3463	4.1900e-003	0.1204	2.4100e-003	0.1228	0.0346	2.3000e-003	0.0369		447.6140	447.6140	0.0193		448.0965
Worker	0.0884	0.0590	0.5556	1.6300e-003	0.2084	1.2600e-003	0.2097	0.0553	1.1600e-003	0.0565		162.0112	162.0112	4.1300e-003		162.1145
Total	0.1249	1.1281	0.9020	5.8200e-003	0.3288	3.6700e-003	0.3324	0.0899	3.4600e-003	0.0934		609.6252	609.6252	0.0234		610.2111

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	0.0365	1.0691	0.3463	4.1900e-003	0.1204	2.4100e-003	0.1228	0.0346	2.3000e-003	0.0369		447.6140	447.6140	0.0193		448.0965
Worker	0.0884	0.0590	0.5556	1.6300e-003	0.2084	1.2600e-003	0.2097	0.0553	1.1600e-003	0.0565		162.0112	162.0112	4.1300e-003		162.1145
Total	0.1249	1.1281	0.9020	5.8200e-003	0.3288	3.6700e-003	0.3324	0.0899	3.4600e-003	0.0934		609.6252	609.6252	0.0234		610.2111

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

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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	0.0255	0.7484	0.2424	2.9300e-003	0.0843	1.6900e-003	0.0859	0.0242	1.6100e-003	0.0259		313.3298	313.3298	0.0135		313.6676
Worker	0.0465	0.0313	0.2928	8.7000e-004	0.1117	6.7000e-004	0.1124	0.0296	6.1000e-004	0.0303		86.6465	86.6465	2.1900e-003		86.7013
Total	0.0721	0.7796	0.5352	3.8000e-003	0.1960	2.3600e-003	0.1984	0.0539	2.2200e-003	0.0561		399.9763	399.9763	0.0157		400.3689

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	0.0255	0.7484	0.2424	2.9300e-003	0.0843	1.6900e-003	0.0859	0.0242	1.6100e-003	0.0259		313.3298	313.3298	0.0135		313.6676
Worker	0.0465	0.0313	0.2928	8.7000e-004	0.1117	6.7000e-004	0.1124	0.0296	6.1000e-004	0.0303		86.6465	86.6465	2.1900e-003		86.7013
Total	0.0721	0.7796	0.5352	3.8000e-003	0.1960	2.3600e-003	0.1984	0.0539	2.2200e-003	0.0561		399.9763	399.9763	0.0157		400.3689

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	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
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 - NaturalGasUnmitigated

	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 - NaturalGas**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
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

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

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

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

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

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