APPENDIX E

Air Quality and Greenhouse Gases Supplemental Information

Appendix E.1 **Proposed Project Air Quality Emissions Calculations**
Appendix E.2 **Health Risk Assessment**
Appendix E.3 **Alternatives Air Quality Emissions Calculations**

APPENDIX E.1

Proposed Project Air Quality Emissions Calculations

ATTACHMENT 1.3-A: AIR QUALITY AND GHG CALCULATIONS

1.0 INTRODUCTION

The following analyses were performed to evaluate the potential for impacts to air quality and greenhouse gas (GHG) emissions from the construction and operation of the Collinsville 500/230 Kilovolt (kV) Substation Project (Proposed Project) with the design modifications incorporated. Daily and annual emissions for the following criteria air pollutants and greenhouse gases (GHGs) from the construction and operation and maintenance (O&M) phases of the Proposed Project were calculated:

- Volatile organic compounds (VOCs),
- Carbon monoxide (CO),
- Nitrogen oxides (NO_x),
- Sulfur oxides (SO_x),
- Particulate matter (PM) less than 10 microns in diameter (PM_{10}),
- PM less than 2.5 microns in diameter ($PM_{2.5}$),
- Carbon dioxide (CO_2),
- Methane (CH_4), and
- Sulfur hexafluoride (SF_6).

The emission sources considered and the calculation methodology for each of these sources are described in the sections that follow.

1.1 EMISSION CALCULATION METHODS

Emissions were calculated for the following sources for the construction phase of the Proposed Project:

- Exhaust emissions from off-road equipment use,
- Exhaust emissions from on-road vehicle travel,
- Exhaust emissions from marine vessel use,
- Entrained road dust emissions from on-road vehicle travel,
- Fugitive dust emissions from earthwork activities, and
- Exhaust and dust emissions from helicopter use.

Emissions were calculated for the following sources for the O&M phase of the Proposed Project:

- Exhaust emissions from on-road vehicle travel,
- Entrained road dust emissions from on-road vehicle travel,
- Electricity consumption at the proposed LS Power Grid California, LLC (LSPGC) Collinsville Substation, and
- Fugitive SF_6 losses at the proposed LSPGC Collinsville Substation.

Emissions calculation methods for each of the aforementioned sources are described in the subsections that follow. Additional conversion factors (e.g., grams to pounds) were added, as

appropriate, to ensure proper units were used. These conversion factors may not be represented in the equations that follow. The results of these calculations have been included at the end of this attachment.[1]

1.1.0 Off-Road Equipment and Marine Vessel Exhaust

Exhaust emissions from off-road equipment use were calculated using the following equation:

$$E_{i,j} = EF_{i,j} \times LF_j \times \quad_j \times \quad_j$$

Where:

$E_{i,j}$ = Emissions of pollutant i from equipment type j (pounds/day)

$EF_{i,j}$ = Emission factor for pollutant i from equipment type j (pounds/operating hour)

LF_j = Load factor for equipment type j

H_j = Daily operating time for equipment type j (hours/day)

N_j = Number of pieces of equipment of type j

The emission factors used for the off-road equipment uncontrolled emissions calculations were obtained from Table G-11 of Appendix G: Default Data Tables of the California Emissions Estimator Model (CalEEMod) version 2022.1 User Guide (CalEEMod Guide). The lookup tables provided in the CalEEMod Guide were used to identify emission factors for each piece of equipment that would be used for the Proposed Project. Load factors were obtained from Table G-12 from Appendix G of the CalEEMod Guide. For marine vessels, the Sacramento Municipal Air Quality Management District's (SMAQMD's) Harborcraft, Dredge and Barge Emission Factor Calculator was used to determine emission factors and load factors for the primary engines for each marine vessel. On-deck equipment utilized the CalEEMod emission factors. The results from the calculator are included in Attachment A: Marine Vessel Emission Factors.

The United States (U.S.) Environmental Protection Agency's (EPA's) Tier 4 final specifications were obtained from Table G-13 of the CalEEMod Guide and utilized to estimate controlled emissions with the incorporation of applicant-proposed measure (APM) AIR-1, which would require all non-marine construction equipment with a rating between 100 and 750 horsepower (hp) to comply with U.S. EPA Tier 4 non-road engine standards. These standards were also applied to on-deck equipment associated with marine vessels. Title 40 of the Code of Federal Regulations Part 1042 was used to identify controlled emission factors for marine vessels and are summarized in Attachment A: Marine Vessel Emission Factors.

[1] The calculations at the end of this attachment have been refined to incorporate the Proposed Project design modifications. Changes to the calculations associated with the design modifications are shaded in blue.

1.1.1 On-Road Vehicle Exhaust

Exhaust emissions from on-road vehicle use were calculated using the following equation:

$$E_{i,j} = EFmile_{i,j} \times VMT_j \times \quad_j + EFtrip_{i,j} \times Daily\ Tr\ ps_j \times \quad_j$$

Where:

$E_{i,j}$ = Emissions of pollutant *i* from motor vehicle type *j* (pounds/day)

$EFmile_{i,j}$ = Per mile emission factor for pollutant *i* from motor vehicle type *j* (pounds/mile)

VMT_j = Daily vehicle-miles-traveled (VMT) for motor vehicle type *j* (miles/day)

$EFtrip_{i,j}$ = Per trip emission factor for pollutant *i* from motor vehicle type *j* (pounds/day)

$Daily\ Trips_j$ = Number of daily trips for motor vehicle type *j*

N_j = Number of motor vehicles of type *j*

The emission factors were obtained from the California Air Resources Board's EMFAC Model.

1.1.2 On-Road Vehicle Entrained Dust

Entrained road dust emissions for paved and unpaved roads were calculated using the following equation:

$$E_{i,j} = EF_{i,j} \times VMT_j \times \quad_j$$

Where:

$E_{i,j}$ = Emissions of pollutant *i* from motor vehicle type *j* (pounds/day)

$EF_{i,j}$ = Emission factor for pollutant *i* from motor vehicle type *j* (pounds/mile)

VMT_j = Daily vehicle-miles-traveled (VMT) for motor vehicle type *j* (miles/day)

N_j = Number of motor vehicles of type *j*

The emission factors used for this calculation were calculated using the methods identified in Section 5.1.4 Road Dust Screen from the CalEEMod Guide. Paved emission factors were determined using the following equation:

$$EFpaved_i = [k_i \times (sL)^{0.91} \times (W)^{1.02}] \times \left(1 - \frac{P}{4}\right)$$

Where:

$EFpaved_i$ = paved road dust emission factor for pollutant *i* (g/mile)

k_i = particle size multiplier for pollutant *i* (grams/VMT) (the U.S. EPA's AP-42 default values are 0.2 for $PM_{2.5}$ and 1.0 for PM_{10})

sL = road surface silt loading (grams/meter^2) (the U.S. EPA's AP-42 default value is 0.1)

W = average weight (short tons) of all vehicles traveling on the road (the statewide default is 2.4)

P = number of "wet" days with at least 0.01 inch of precipitation

N = number of days in the averaging period

Unpaved emission factors were determined using the following equation:

$$EFunpaved_i = \left(\frac{k(s/12)^1 (S/30)^{0.5}}{(M/0.5)^{0.2}} - C \right) \times \left(1 - \frac{P}{365}\right)$$

Where:

$EFunpaved_i$ = unpaved road dust emission factor for pollutant *i* (grams/mile)

k_i = particle size multiplier for pollutant *i* (grams/VMT) (the U.S. EPA's AP-42 default values are 81.65 for $PM_{2.5}$ and 816.47 for PM_{10})

s = surface material silt content (%) (the U.S. EPA's AP-42 default value is 8.5)

M = surface material moisture content (%) (the CalEEMod default value is 0.5)

S = mean vehicle speed (miles/hour) (the CalEEMod default value is 40)

C = emission factor for vehicle fleet exhaust, brakewear, and tirewear

P = number of "wet" days with at least 0.01 inch of precipitation

Measures C-10-C and C-11 from CalEEMod were applied to evaluate the effectiveness of applicant-proposed measure AIR-2 and Construction Measure AIR-2, resulting in 55-percent and 44-percent reductions in dust emissions, respectively.

1.1.3 Earthwork Fugitive Dust

The following equations were used to calculate emissions from grading:

$$E_i = EF_i \times A$$

$$EF_{PM10} = 0.051 \times S^2 \times F \times \frac{1}{Wb}$$

$$EF_{PM2.5} = 0.04 \times S^{2.5} \times F \times \frac{1}{Wb}$$

Where:

E_i = emissions for pollutant *i* (pounds)

A = area graded (acres)

EF_i = emission factor for pollutant *i* (pounds/acre)

S = mean vehicle speed (miles/hour) (the U.S. EPA's AP-42 default value is 7.1)

F = scaling factor (the U.S. EPA's AP-42 default value is 0.031 for $PM_{2.5}$ and 0.6 for PM_{10})

Wb = blade width of the grading equipment (feet) (the CalEEMod default is 12)

The daily graded area was determined by comparing the average daily use, by grading equipment, against standard grading efficiency values contained in Table G-14 from Appendix G of the CalEEMod Guide. Consistent with the CalEEMod Guide Section 4.4.4 Emissions Control, a 61 percent reduction in fugitive dust emissions would result from water two times daily, consistent with APM AIR-2.

The following equations were used to calculate emissions from bulldozing:

$$E_{PM_{2.5}} = \left(\frac{C_{TSP} \times s^{1.2}}{M^{1.3}}\right) \times F_{PM_{2.5}} \times r$$

$$E_{PM_{10}} = \left(\frac{C_{PM_{15}} \times s^{1.5}}{M^{1.4}}\right) \times F_{PM_{10}} \times r$$

Where:

$E_{PM2.5}$ = emissions of PM2.5 (pounds)

C_{TSP}, C_{PM15}, s, M, $F_{PM2.5}$, F_{PM10} = constants provided by AP-42

Hr = hours of bulldozer operation (hours/day)

The bulldozing equations and constants were obtained from Appendix C of the CalEEMod Guide.

1.1.4 Helicopter Emissions

Helicopter emissions were calculated using emission factors and methods from Guidance on the Determination of Helicopter Emissions, Edition 2 prepared by Switzerland's Federal Office of Civil Aviation. Dust emissions associated with helicopter use were conservatively included in the exhaust emissions calculations.

1.1.5 Electricity Consumption

The proposed LSPGC Collinsville Substation would consume electricity during daily operation. The following equation was used to calculate the annual GHG emissions due to electricity consumption:

$$E_i = C \times EF_i$$

Where:

E_i = emissions for pollutant i (metric tons)

C = annual electricity consumed (kilowatt hours/year)

EF_i = emission factor for pollutant i (pounds/megawatt hour)

Emission factors were obtained from Table G-3 from the CalEEMod Guide.

1.1.6 Fugitive SF_6 Emissions

The new circuit breakers and gas-insulated switchgear control buildings that would be installed at the proposed LSPGC Collinsville Substation would utilize SF_6 as an insulating medium. The following equation was used to calculate the annual emissions due to the leaking of SF_6 gas during operation:

$$E_i = \frac{L}{100} \times M_i$$

Where:

E_i = SF_6 emissions (pounds of SF_6/year)

L = SF_6 leak rate (percent/year)

M_i = mass of SF_6 in equipment i (pounds)

1.2 EMISSIONS INPUTS

The entirety of the construction process was separated into 22 unique phases of construction. Unless otherwise specified, off-road equipment, on-road vehicles, and helicopters were assumed

to operate for the entire duration of the phase. Work was assumed to occur every day of the week except Sundays and federal holidays.

1.2.0 Off-Road Equipment, Marine Vessels, and Helicopters

Off-road equipment, marine vessel, and helicopter assumptions were taken from Table 3-11: Proposed Construction Equipment and Workforce from the modified version of Chapter 3 – Project Description.

1.2.1 On-Road Vehicles

On-road vehicle requirements were taken from proposed construction equipment and workforce estimates from Table 3-11: Proposed Construction Equipment and Workforce from the modified version of Chapter 3 – Project Description. Required worker commutes for each phase were calculated by subtracting the estimated workforce from the number of 1-ton pickup trucks, 0.5-ton pickup trucks, and welding trucks. The latter three classes of on-road vehicles were assumed to return home with workers each day.

On-road vehicle distances were generally assumed to be 40 miles for each one-way vehicle trip (the approximate distance from the cities of Vallejo, Davis, and Pittsburg to the Proposed Project). Water trucks, concrete trucks, and worker vehicle commutes were assumed to be approximately 60 miles per day, allowing them to originate from locations as far away as the cities of Sacramento or Oakland. The paved and unpaved road distances for each trip type were estimated using aerial imagery. Unless specified, each vehicle was assumed to make one round trip each day.

1.2.2 Earthwork

Fugitive dust emissions were calculated during all off-road equipment use for motor graders and scrapers.

1.2.3 Electricity Consumption

Estimated values for annual electricity consumption at the proposed LSPGC Collinsville Substation were supplied by LSPGC.

1.2.4 Fugitive SF_6

The volume of SF_6 contained at the proposed LSPGC Collinsville Substation were supplied by LSPGC. A conservative leak rate of 1 percent was utilized for the calculation of all emissions.

1.3 EMISSIONS SCENARIOS

The subsections that follow identify the emissions scenarios that were calculated. Average daily and annual emissions were calculated for all project components, LSPGC components, and PG&E components

1.3.0 Bay Area Air Quality Management District

Compliance with Bay Area Air Quality Management District (BAAQMD) thresholds was evaluated by determining the average daily emissions from construction equipment and vehicle exhaust.

First, the total number of active days of each year of construction within the BAAQMD was determined. The resulting total emissions for each year of construction were then summed and divided by the number of active days of construction for each year to obtain the average daily emissions. Lastly, the average daily emissions were compared to the applicable BAAQMD thresholds. Additional scenarios were calculated for the year 2027, evaluating average daily emissions during submarine cable installation and the remainder of the year.

1.3.1 Sacramento Municipal Air Quality Management District

Construction within the jurisdiction of the SMAQMD would be limited to the installation of a portion of the cables associated with the proposed LSPGC 230 kV Submarine Segment. As a result, the peak daily emissions within the SMAQMD would be equal to the emissions associated with that one phase of construction (L-14). Because each piece of equipment associated with that activity would not be used each day of construction, average emissions were also calculated. Approximately 30 percent of the submarine cable route was determined to be within the jurisdiction of the SMAQMD, with the remainder of the Proposed Project located in the jurisdiction of the BAAQMD. As a result, 30 percent of the total GHG emissions associated with the submarine cable installation (L-14) were associated with the SMAQMD.

1.3.2 Yolo Solano Air Quality Management District

Construction within the jurisdiction of the Yolo Solano Air Quality Management District (YSAQMD) would be limited to the installation of PG&E 500 kV Transposition Structure C. Approximately 25 percent of the transposition structure and conductor installation and 50 percent of the associated helicopter use was determined to be within the jurisdiction of the YSAQMD. As a result, this fraction of the total GHG emissions associated with the transposition structure installation (P-22, P-23, and P-28) were associated with the YSAQMD.

ATTACHMENT A: MARINE VESSEL EMISSION FACTORS

SMAQMD Harborcraft, Dredge and Barge Emission Factor Calculator - Input Data Page

INSTRUCTIONS:

1. Enter inputs into tables A1, A2, A3, and A4 below. Required inputs must be entered to estimate emission rates, optional inputs should be entered if available.
2. After entering inputs, review status and error messages (cell E14); make changes as necessary until this cell is green indicating that inputs are ready.
3. Results may be reviewed in "MainEngineEmissRates" and "AuxEngineEmissRates" tabs, both colored yellow.

Inputs and Status

Inputs color legend	Required Input
	Optional Input
Status and error messages	OK. Default values will be applied to blank model year and HP

A1. Inventory Calendar year

Inventory Calendar Year	2026

A4. Project Information

Inputs	
Date (mm/dd/yyyy):	1/1/2026
Project Name:	Collinsville
Project Location:	Collinsville, CA
Contact Person:	Rob Curley
Company Name:	Insignia
Mailing Address:	545 Middlefield Road, Menlo Park, CA
Phone Number:	650-321-6787
Email Address:	rcurley@insigniaenv.com

A2. Main Engine Inputs

Required Inputs			**Optional Inputs**			
Vessel Name	**Vessel Type**	**No. of Engines**	**Engine Model Year**	**Engine Rated Power (hp)**	**Vessel Number**	**Home Port**
Crew Boat	Crew and Supply	1		1200		
Smal Boats	Others	1		250		
Support Vessel	Work Boats	1		200		
Survey Vessel	Work Boats	1		250		
Tug Boat 1000	Tug Boats	2		500		
Tug Boat 1200	Tug Boats	2		600		
Tug Boat 1320	Tug Boats	2		660		
Tug Boat 2000	Tug Boats	2		1000		
Tug Boat 3000	Tug Boats	2		1500		

A3. Auxiliary Engine Inputs

Required Inputs			**Optional Inputs**	
Vessel Name	**Auxiliary Engine Type**	**No. of Engines**	**Engine Model Year**	**Engine Rated Power (hp)**

SMAQMD Harborcraft, Dredge and Barge Emission Factor Calculator - Main Engine Emission Rates

Calendar Year: 2026 **Number of Entries:** 9

Vessel/Engine Information								Emission Rates (lb/hr; estimates for each row are totals over the number of engines listed in column J for that row)										Emission Rates for a Single Engine (g/bhp-hr)									
Vessel Name	Vessel Number	Home Port	Vessel Type	Engine Model Year	Engine Rated Power (hp)	Engine Load Factor	Number of engines	PM_{10}	$PM_{2.5}$	NOx	ROG	CO	SO_2	CO_2	CH_4	N_2O	CO_2e	PM_{10}	$PM_{2.5}$	NOx	ROG	CO	SO_2	CO_2	CH_4	N_2O	CO_2e
Crew Boat			Crew and Supply	1998	1200	0.38	1	0.676	0.602	14.968	1.059	3.761	0.006	594.182	0.024	0.005	596.221	0.673	0.599	14.889	1.054	3.741	0.006	591.045	0.024	0.005	593.1
Smal Boats			Others	2003	250	0.52	1	0.119	0.107	2.264	0.180	0.655	0.002	169.394	0.007	0.001	169.975	0.416	0.373	7.900	0.627	2.286	0.006	591.045	0.024	0.005	593.1
Support Vesse			Work Boats	2009	200	0.45	1	0.034	0.031	1.094	0.124	0.859	0.001	117.273	0.005	0.001	117.675	0.173	0.155	5.513	0.627	4.327	0.006	591.045	0.024	0.005	593.1
Survey Vessel			Work Boats	2009	250	0.45	1	0.043	0.038	1.367	0.155	1.073	0.001	146.591	0.006	0.001	147.094	0.173	0.155	5.513	0.627	4.327	0.006	591.045	0.024	0.005	593.1
Tug Boat 1000			Tug Boats	2005	500	0.50	2	0.221	0.197	6.451	0.777	5.140	0.006	651.516	0.026	0.005	653.751	0.200	0.178	5.852	0.705	4.663	0.006	591.045	0.024	0.005	593.1
Tug Boat 1200			Tug Boats	2005	600	0.50	2	0.638	0.568	11.092	0.933	3.259	0.007	781.819	0.032	0.006	784.502	0.482	0.429	8.385	0.705	2.464	0.006	591.045	0.024	0.005	593.1
Tug Boat 1320			Tug Boats	2005	660	0.50	2	0.702	0.625	12.201	1.026	3.585	0.008	860.001	0.035	0.007	862.952	0.482	0.429	8.385	0.705	2.464	0.006	591.045	0.024	0.005	593.1
Tug Boat 2000			Tug Boats	2005	1000	0.50	2	1.063	0.947	18.486	1.554	5.432	0.012	1303.031	0.053	0.011	1307.503	0.482	0.429	8.385	0.705	2.464	0.006	591.045	0.024	0.005	593.1
Tug Boat 3000			Tug Boats	2005	1500	0.50	2	1.595	1.420	27.729	2.331	8.147	0.018	1954.547	0.079	0.016	1961.254	0.482	0.429	8.385	0.705	2.464	0.006	591.045	0.024	0.005	593.1

Tier 3 Marine Vessel Emission Factors

Tier	Vessel Category	Vessel Type	Displace Low	Displace High	Engine Power Low (kW)	Engine Power High (kW)	Engine Power Low (HP)	Engine Power High (HP)	Model Year Low	Model Year High	PM	NOx	Notes	Control Bin
3	1	All	0	0.9	0	19	0.0	25.5	2009		0.4	7.5		1
3	1	All	0	0.9	19	75	25.5	100.6	2009	2013	0.3	4.7		2
3	1	All	0	0.9	19	75	25.5	100.6	2014		0.3	4.7		3
3	1	Commercial	0	0.9	0	75	0.0	100.6	2012		0.14	5.4	With kW/L < 35	4
3	1	Commercial	0.9	1.2	0	3700	0.0	4961.8	2013		0.12	5.4	With kW/L < 35	5
3	1	Commercial	1.2	2.5	0	600	0.0	804.6	2014	2017	0.11	5.6	With kW/L < 35	6
3	1	Commercial	1.2	2.5	0	600	0.0	804.6	2018		0.1	5.6	With kW/L < 35	7
3	1	Commercial	1.2	2.5	600	3700	804.6	4961.8	2014		0.11	5.6	With kW/L < 35	8
3	1	Commerical	2.5	3.5	0	600	0.0	804.6	2013	2017	0.11	5.6	With kW/L < 35	9
3	1	Commerical	2.5	3.5	0	600	0.0	804.6	2018		0.1	5.6	With kW/L < 35	10
3	1	Commerical	2.5	3.5	600	3700	804.6	4961.8	2013		0.11	5.6	With kW/L < 35	11
3	1	Commerical	3.5	7	0	600	0.0	804.6	2012	2017	0.11	5.8	With kW/L < 35	12
3	1	Commerical	3.5	7	0	600	0.0	804.6	2018		0.1	5.8	With kW/L < 35	13
3	1	Commerical	3.5	7	600	3700	804.6	4961.8	2012		0.11	5.8	With kW/L < 35	14
3	1	Commerical	0	0.9	0	75	0.0	100.6	2012		0.15	5.8	With kW/L > 35	15
3	1	Commerical	0.9	1.2	0	3700	0.0	4961.8	2013		0.14	5.8	With kW/L > 35	16
3	1	Commerical	1.2	2.5	0	3700	0.0	4961.8	2014		0.12	5.8	With kW/L > 35	17
3	1	Commerical	2.5	3.5	0	3700	0.0	4961.8	2013		0.12	5.8	With kW/L > 35	18
3	1	Commerical	3.5	7	0	3700	0.0	4961.8	2012		0.11	5.8	With kW/L > 35	19
3	2	Commercial	7	15	0	2000	0.0	2682.0	2013		0.14	6.2		20
3	2	Commercial	7	15	2000	3700	2682.0	4961.8	2013		0.14	7.8		21
3	2	Commerical	15	20	0	2000	0.0	2682.0	2014		0.34	7		22
3	2	Commerical	20	25	0	2000	0.0	2682.0	2014		0.27	9.8		23
3	2	Commerical	25	30	0	2000	0.0	2682.0	2014		0.27	11		24

ATTACHMENT B: CALCULATION RESULTS

Table 1: Off-Road Equipment Load Factors

OFFROAD Equipment Type	Load Factor
Aerial Lifts	0.31
Air Compressors	0.48
Bore/Drill Rigs	0.5
Cement and Mortar Mixers	0.56
Concrete/Industrial Saws	0.73
Cranes	0.29
Crawler Tractors	0.43
Crushing/Proc. Equipment	0.78
Dumpers/Tenders	0.38
Excavators	0.38
Forklifts	0.2
Generator Sets	0.74
Graders	0.41
Off-Highway Tractors	0.44
Off-Highway Trucks	0.38
Other Construction Equipment	0.42
Other General Industrial Equipment	0.34
Other Material Handling Equipment	0.4
Pavers	0.42
Paving Equipment	0.36
Plate Compactors	0.43
Pressure Washers	0.3
Pumps	0.74
Rollers	0.38
Rough Terrain Forklifts	0.4
Rubber Tired Dozers	0.4
Rubber Tired Loaders	0.36
Scrapers	0.48
Signal Boards	0.82
Skid Steer Loaders	0.37
Surfacing Equipment	0.3
Sweepers/Scrubbers	0.46
Tractors/Loaders/Backhoes	0.37
Trenchers	0.5
Welders	0.45

Table 2: EMFAC Emissions Inventory - Fuel Consumption

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Population	Total VMT	CVMT	EVMT	Trips	Energy Consumption	Fuel Consumption	Efficiency
Bay Area AQMD	2026	HHDT	Aggregate	Aggregate	Gasoline	16.67019177	566686.9881	566687	0	109066.7	0	146.1053233	3.878619718
Bay Area AQMD	2026	HHDT	Aggregate	Aggregate	Diesel	37718.53643	1348564029	1.35E+09	0	1.73E+08	0	223875.9991	6.023709709
Bay Area AQMD	2026	LDA	Aggregate	Aggregate	Gasoline	2201973.535	27750180514	2.78E+10	0	3.54E+09	0	885019.7082	31.35543792
Bay Area AQMD	2026	LDA	Aggregate	Aggregate	Diesel	7333.286765	68824497.23	68824497	0	10664677	0	1578.529498	43.60038714
Bay Area AQMD	2026	LDT1	Aggregate	Aggregate	Gasoline	206448.5686	2305115213	2.31E+09	0	3.18E+08	0	88281.67976	26.11091247
Bay Area AQMD	2026	LDT1	Aggregate	Aggregate	Diesel	90.0501492	358159.7252	358159.7	0	85589.27	0	14.78529221	24.22405457
Bay Area AQMD	2026	LDT2	Aggregate	Aggregate	Gasoline	1129979.049	14334515685	1.43E+10	0	1.84E+09	0	559544.7591	25.61817523
Bay Area AQMD	2026	LDT2	Aggregate	Aggregate	Diesel	4539.432945	57876308.33	57876308	0	7418736	0	1725.518581	33.54139966
Bay Area AQMD	2026	MHDT	Aggregate	Aggregate	Gasoline	6383.175456	109682894.3	1.1E+08	0	41762666	0	22576.56378	4.858263436
Bay Area AQMD	2026	MHDT	Aggregate	Aggregate	Diesel	48424.69575	621444878.8	6.21E+08	0	1.8E+08	0	72799.62934	8.536374216
Bay Area AQMD	2027	HHDT	Aggregate	Aggregate	Gasoline	15.9155131	539319.5728	539319.6	0	104129.1	0	137.1672886	3.93183811
Bay Area AQMD	2027	HHDT	Aggregate	Aggregate	Diesel	38306.74535	1355696519	1.36E+09	0	1.76E+08	0	221358.0293	6.12445152
Bay Area AQMD	2027	LDA	Aggregate	Aggregate	Gasoline	2197108.395	27663299327	2.77E+10	0	3.53E+09	0	864490.5315	31.99953998
Bay Area AQMD	2027	LDA	Aggregate	Aggregate	Diesel	6597.393169	61521432.62	61521433	0	9607141	0	1394.021831	44.13233082
Bay Area AQMD	2027	LDT1	Aggregate	Aggregate	Gasoline	202253.5734	2250002690	2.25E+09	0	3.11E+08	0	84660.27586	26.57684099
Bay Area AQMD	2027	LDT1	Aggregate	Aggregate	Diesel	34.53976288	142497.7358	142497.7	0	33406.55	0	5.612282324	25.39033634
Bay Area AQMD	2027	LDT2	Aggregate	Aggregate	Gasoline	1152289.587	14515768034	1.45E+10	0	1.87E+09	0	554665.4449	26.17031252
Bay Area AQMD	2027	LDT2	Aggregate	Aggregate	Diesel	4608.748126	58129232.14	58129232	0	7514367	0	1699.606934	34.20157389
Bay Area AQMD	2027	MHDT	Aggregate	Aggregate	Gasoline	6299.244031	108346472.5	1.08E+08	0	41213535	0	22065.49329	4.910222085
Bay Area AQMD	2027	MHDT	Aggregate	Aggregate	Diesel	48915.06097	620351542.6	6.2E+08	0	1.82E+08	0	72294.42001	8.580904896
Bay Area AQMD	2028	HHDT	Aggregate	Aggregate	Gasoline	14.86151985	510247.8572	510247.9	0	97233.22	0	127.9855618	3.986761086
Bay Area AQMD	2028	HHDT	Aggregate	Aggregate	Diesel	38742.94565	1359986091	1.36E+09	0	1.78E+08	0	218150.4913	6.234164696
Bay Area AQMD	2028	LDA	Aggregate	Aggregate	Gasoline	2193417.476	27597401453	2.76E+10	0	3.52E+09	0	846136.7712	32.61576898
Bay Area AQMD	2028	LDA	Aggregate	Aggregate	Diesel	5845.574089	54712768.94	54712769	0	8561466	0	1222.076326	44.770337
Bay Area AQMD	2028	LDT1	Aggregate	Aggregate	Gasoline	198343.875	2198627793	2.2E+09	0	3.05E+08	0	81315.9728	27.03808019
Bay Area AQMD	2028	LDT1	Aggregate	Aggregate	Diesel	21.12239241	89335.94242	89335.94	0	20559.28	0	3.401006525	26.26750104
Bay Area AQMD	2028	LDT2	Aggregate	Aggregate	Gasoline	1173914.965	14681308974	1.47E+10	0	1.9E+09	0	550086.4357	26.6890947
Bay Area AQMD	2028	LDT2	Aggregate	Aggregate	Diesel	4666.407485	58285525.47	58285525	0	7591527	0	1672.576075	34.8477575
Bay Area AQMD	2028	MHDT	Aggregate	Aggregate	Gasoline	6200.947223	106413908	1.06E+08	0	40570417	0	21461.06542	4.958463426
Bay Area AQMD	2028	MHDT	Aggregate	Aggregate	Diesel	49153.38842	615866247.9	6.16E+08	0	1.83E+08	0	71398.1466	8.62580161

Source: EMFAC2021 (v1.0.2) Emissions Inventory
Region Type: Air District
Region: Bay Area AQMD
Calendar Year: 2026, 2027, 2028
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/year for CVMT and EVMT, trips/year for Trips, kWh/year for Energy Consumption, tons/year for Emissions, 1000 gallons/year for Fuel Consumption

Table 3: On-Road Fuel Efficiency (miles/gallon)

Vehicle Category	Year	Fuel	Efficiency	Lookup
passenger	2026	Gasoline	27.30	passenger_Gasoline
vendor	2026	Gasoline	4.86	vendor_Gasoline
hhdt	2026	Gasoline	3.88	hhdt_Gasoline
passenger	2026	Diesel	31.40	passenger_Diesel
vendor	2026	Diesel	8.54	vendor_Diesel
hhdt	2026	Diesel	6.02	hhdt_Diesel

Table 5: On-Road Exhaust and Wear (grams/mile)

Region	Calendar Year	Vehicle Category	Fuel	Concat	ROG_Mile	NOx_Mile	CO_Mile	SOx_Mile	PM10_Mile	PM2.5_Mile	CO2_Mile	CH4_Mile	N2O_Mile	TOG_Mile
BAAQMD	2026	HHDT	Gasoline	HHDT_Gasoline	0.582587186	3.99666639	32.22734116	0.02182847	0.111730258	0.037977147	2208.014397	0.116680403	0.152262936	0.850109855
BAAQMD	2026	HHDT	Diesel	HHDT_Diesel	0.016161534	1.801210008	0.075912985	0.015006753	0.14111356	0.062106857	1584.762447	0.000750661	0.249679969	0.018398676
BAAQMD	2026	LDA	Gasoline	LDA_Gasoline	0.007340811	0.035917053	0.64824931	0.002627638	0.016542733	0.005684637	265.7933913	0.001973528	0.004253819	0.010711695
BAAQMD	2026	LDA	Diesel	LDA_Diesel	0.025118756	0.180085123	0.328681313	0.002207052	0.030837542	0.01927425	232.9217836	0.001166718	0.036696922	0.028596033
BAAQMD	2026	LDT1	Gasoline	LDT1_Gasoline	0.021158997	0.101277448	1.160079933	0.003143753	0.018636153	0.006677998	317.9999152	0.004855561	0.007912119	0.030875159
BAAQMD	2026	LDT1	Diesel	LDT1_Diesel	0.300118481	1.604784997	1.681440054	0.003972429	0.265108399	0.241595225	419.2312195	0.01393993	0.066050049	0.341664937
BAAQMD	2026	LDT2	Gasoline	LDT2_Gasoline	0.008918961	0.05390065	0.717747899	0.003215139	0.017878151	0.006176924	325.220799	0.002356416	0.005133972	0.013014527
BAAQMD	2026	LDT2	Diesel	LDT2_Diesel	0.013196913	0.039895489	0.135931688	0.002868942	0.02156068	0.009697795	302.774483	0.000612971	0.047702243	0.015023808
BAAQMD	2026	MHDT	Gasoline	MHDT_Gasoline	0.053188657	0.345527907	1.088094817	0.017238321	0.05843251	0.020057207	1743.707193	0.010924623	0.018155167	0.077612763
BAAQMD	2026	MHDT	Diesel	MHDT_Diesel	0.023379538	1.023951854	0.096670802	0.01075498	0.068311372	0.029222629	1135.761224	0.001085919	0.178939643	0.026615824
BAAQMD	2026	passenger	Gasoline	passenger_Gasolir	0.014644442	0.07309315	0.921539269	0.003032571	0.017923298	0.00630439	306.7535052	0.003510266	0.006303007	0.021369135
BAAQMD	2026	passenger	Diesel	passenger_Diesel	0.159638157	0.857387651	0.956873277	0.003255213	0.145653755	0.128040624	343.5396764	0.007414887	0.054124816	0.181737429
BAAQMD	2026	vendor	Gasoline	vendor_Gasoline	0.053188657	0.345527907	1.088094817	0.017238321	0.05843251	0.020057207	1743.707193	0.010924623	0.018155167	0.077612763
BAAQMD	2026	vendor	Diesel	vendor_Diesel	0.023379538	1.023951854	0.096670802	0.01075498	0.068311372	0.029222629	1135.761224	0.001085919	0.178939643	0.026615824
BAAQMD	2026	hhdt	Gasoline	hhdt_Gasoline	0.582587186	3.99666639	32.22734116	0.02182847	0.111730258	0.037977147	2208.014397	0.116680403	0.152262936	0.850109855
BAAQMD	2026	hhdt	Diesel	hhdt_Diesel	0.016161534	1.801210008	0.075912985	0.015006753	0.14111356	0.062106857	1584.762447	0.000750661	0.249679969	0.018398676

Table 6: On-Road Start Up and Evap (grams/trip)

Region	Calendar Year	Vehicle Category	Fuel	Concat	ROG_Trip	NOx_Trip	CO_Trip	SOx_Trip	PM10_Trip	PM2.5_Trip	CO2_Trip	CH4_Trip	N2O_Trip	TOG_Trip
BAAQMD	2026	HHDT	Gasoline	HHDT_Gasoline	0.508158373	0.115905136	4.676966153	0.00051703	0.00070838	0.000651329	52.29913043	0.000123478	0.003908625	0.508221906
BAAQMD	2026	HHDT	Diesel	HHDT_Diesel	0	2.950060859	0	0	0	0	0	0	0	0
BAAQMD	2026	LDA	Gasoline	LDA_Gasoline	0.614941463	0.241270473	2.996229992	0.000665369	0.002009963	0.001848087	67.30408939	0.065607984	0.031713573	0.643141192
BAAQMD	2026	LDA	Diesel	LDA_Diesel	0	0	0	0	0	0	0	0	0	0
BAAQMD	2026	LDT1	Gasoline	LDT1_Gasoline	1.081842533	0.355026334	4.78378785	0.000824008	0.00268958	0.00247297	83.35079982	0.095898916	0.037224243	1.127936619
BAAQMD	2026	LDT1	Diesel	LDT1_Diesel	0	0	0	0	0	0	0	0	0	0
BAAQMD	2026	LDT2	Gasoline	LDT2_Gasoline	0.622273878	0.296525092	3.328261856	0.000818462	0.002030522	0.00186699	82.78985472	0.074446339	0.035062004	0.654367264
BAAQMD	2026	LDT2	Diesel	LDT2_Diesel	0	0	0	0	0	0	0	0	0	0
BAAQMD	2026	MHDT	Gasoline	MHDT_Gasoline	0.520940574	0.412263664	5.281942611	0.000443903	0.000524503	0.000482261	44.90208386	0.045094409	0.032362608	0.544139087
BAAQMD	2026	MHDT	Diesel	MHDT_Diesel	0	1.645096047	0	0	0	0	0	0	0	0
BAAQMD	2026	passenger	Gasoline	passenger_Gasolir	0.850225102	0.311962058	3.973016887	0.000782962	0.002354912	0.002165254	79.19888594	0.082963039	0.035306016	0.888345423
BAAQMD	2026	passenger	Diesel	passenger_Diesel	0	0	0	0	0	0	0	0	0	0
BAAQMD	2026	vendor	Gasoline	vendor_Gasoline	0.520940574	0.412263664	5.281942611	0.000443903	0.000524503	0.000482261	44.90208386	0.045094409	0.032362608	0.544139087
BAAQMD	2026	vendor	Diesel	vendor_Diesel	0	1.645096047	0	0	0	0	0	0	0	0
BAAQMD	2026	hhdt	Gasoline	hhdt_Gasoline	0.508158373	0.115905136	4.676966153	0.00051703	0.00070838	0.000651329	52.29913043	0.000123478	0.003908625	0.508221906
BAAQMD	2026	hhdt	Diesel	hhdt_Diesel	0	2.950060859	0	0	0	0	0	0	0	0

Table 7: On-Road Start Idle and Evap (grams/vehicle/day)

Region	Calendar Year	Vehicle Category	Fuel	Concat	ROG_Vehicle	NOx_Vehicle	CO_Vehicle	SOx_Vehicle	PM10_Vehicle	PM2.5_Vehicle	CO2_Vehicle	CH4_Vehicle	N2O_Vehicle	TOG_Vehicle
BAAQMD	2026	HHDT	Gasoline	HHDT_Gasoline	3.326845612	0	0	0	0	0	0	0	0	3.326845612
BAAQMD	2026	HHDT	Diesel	HHDT_Diesel	4.574898483	53.91222211	66.71090858	0.098695888	0.027227907	0.02605004	10422.6104	0.212492185	1.642086513	5.208173676
BAAQMD	2026	LDA	Gasoline	LDA_Gasoline	1.388346081	0	0	0	0	0	0	0	0	1.388346081
BAAQMD	2026	LDA	Diesel	LDA_Diesel	0	0	0	0	0	0	0	0	0	0
BAAQMD	2026	LDT1	Gasoline	LDT1_Gasoline	2.458989334	0	0	0	0	0	0	0	0	2.458989334
BAAQMD	2026	LDT1	Diesel	LDT1_Diesel	0	0	0	0	0	0	0	0	0	0
BAAQMD	2026	LDT2	Gasoline	LDT2_Gasoline	1.284326706	0	0	0	0	0	0	0	0	1.284326706
BAAQMD	2026	LDT2	Diesel	LDT2_Diesel	0	0	0	0	0	0	0	0	0	0
BAAQMD	2026	MHDT	Gasoline	MHDT_Gasoline	3.24945855	0.079428188	14.29522746	0.004901175	0	0	495.7684081	0.248889124	0.006771457	3.689670892
BAAQMD	2026	MHDT	Diesel	MHDT_Diesel	0.198913095	10.78675774	6.738124844	0.01887988	0.0180467	0.017266008	1993.777441	0.009238998	0.314120448	0.226447418
BAAQMD	2026	passenger	Gasoline	passenger_Gasolir	1.897662864	0	0	0	0	0	0	0	0	1.897662864
BAAQMD	2026	passenger	Diesel	passenger_Diesel	0	0	0	0	0	0	0	0	0	0
BAAQMD	2026	vendor	Gasoline	vendor_Gasoline	3.24945855	0.079428188	14.29522746	0.004901175	0	0	495.7684081	0.248889124	0.006771457	3.689670892
BAAQMD	2026	vendor	Diesel	vendor_Diesel	0.198913095	10.78675774	6.738124844	0.01887988	0.0180467	0.017266008	1993.777441	0.009238998	0.314120448	0.226447418
BAAQMD	2026	hhdt	Gasoline	hhdt_Gasoline	3.326845612	0	0	0	0	0	0	0	0	3.326845612
BAAQMD	2026	hhdt	Diesel	hhdt_Diesel	4.574898483	53.91222211	66.71090858	0.098695888	0.027227907	0.02605004	10422.6104	0.212492185	1.642086513	5.208173676

Note: Assume 347 days of operation

Table 8: Uncontrolled Marine Vessel Emission Rates (lb/hr)

Vessel Name	Equip_concat	Vessel Type	Engine Model Year	Engine Rated Power (hp)	Engine Load Factor	Number of Engines	Control Bin	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O	CO2e
Smal Boats	Small Boats_250	Others	2013	250	0.52	1		0.180	2.264	0.655	0.002	0.119	0.107	169.394	0.007	0.001	169.975
Survey Vessel	Survey Vessel_250	Work Boats	2013	150	0.45	1		0.155	1.367	1.073	0.001	0.043	0.038	146.591	0.006	0.001	147.094
Anchor Tug	Anchor Tug_1320	Tug Boats	2005	660	0.5	2		1.026	12.201	3.585	0.008	0.702	0.625	860.001	0.035	0.007	862.952
Barge Tug	Barge Tug_2000	Tug Boats	2005	1000	0.5	2		1.554	18.486	5.432	0.012	1.063	0.947	1303.031	0.053	0.011	1307.503

Table 9: Controlled Marine Vessel Emission Rates (lb/hr)

Vessel Name	Equip_concat	Vessel Type	Engine Model Year	Engine Rated Power (hp)	Engine Load Factor	Number of Engines	Control Bin	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O	CO2e
Smal Boats	Small Boats_250	Others	2013	250	0.52	1	5	0.180	2.219	0.655	0.002	0.049	0.044	169.394	0.007	0.001	169.975
Survey Vessel	Survey Vessel_250	Work Boats	2013	150	0.45	1	16	0.155	1.430	1.073	0.001	0.035	0.031	146.591	0.006	0.001	147.094
Anchor Tug	Anchor Tug_1320	Tug Boats	2013	660	0.5	2	9	1.026	6.076	3.585	0.008	0.119	0.107	860.001	0.035	0.007	862.952
Barge Tug	Barge Tug_2000	Tug Boats	2015	1000	0.5	2	11	1.554	9.206	5.432	0.012	0.181	0.163	1303.031	0.053	0.011	1307.503

Table 10: Entrained Road Dust Emission Factors - Paved (pounds/mile)

Paved	k	sL	W	p	N	Uncontrolled EF	Controled EF
PM10	1	0.1	2.4	2	365	0.000661537	0.000661537
PM2.5	0.25	0.1	2.4	2	365	0.000165384	0.000165384

Table 11: Entrained Road Dust Emission Factors - Unpaved (pounds/mile)

Unpaved	k	s	M	S2	C	p	Uncontrolled EF	Controled EF
PM10	1.8	8.5	0.5	40	0.00047	2	1.463708676	0.368854586
PM2.5	0.18	8.5	0.5	40	0.00036	2	0.146059583	0.036807015

Table 12: Grading Emission Factor (pounds/acre/day)

Pollutant	S	F	Wb	UC1	UC2	Uncontrolled EF	Controlled EF
PM10	7.1	0.6	12	43560	5280	1.060500375	0.413595146
PM2.5	7.1	0.031	12	43560	5280	0.114509168	0.044658576

Table 13: Bulldozing Emission Factor (pounds/hour)

Pollutant	C	s	M	F	Uncontrolled EF	Controlled EF
PM10	1	6.9	7.9	0.75	0.752760759	0.293576696
PM2.5	5.7	6.9	7.9	0.105	0.413778428	0.161373587

Table 14: Grading Efficiency by Equipment Type

Equipment	Acres Graded per 8 hours
Crawler Tractors	0.5
Graders	0.5
Rubber Tired Dozers	0.5
Scrapers	1

Table 15: Global Warming Potentials

Pollutant	GWP
CO2	1
CH4	25
N2O	298
SF6	23500

Table 16: Activity List

Index	Component	Activity Name	Workforce	Start Date	End Date	Days Per Week	Schedule Days	Working Days	BAAQMD Percent	SMAQMD Percent	YSAQMD Percent
L-01	General	Survey	4	5/1/2026	6/1/2026	6	26	26	1	0	0
L-02	Collinsville Substation	Site Development/Staging Yards	12	5/1/2026	8/1/2026	6	76	76	1	0	0
L-03	Collinsville Substation	Below-Grade Construction	40	7/14/2026	1/14/2027	6	152	152	1	0	0
L-04	Collinsville Substation	Above-Grade Construction	30	1/2/2027	2/11/2028	6	333	333	1	0	0
P-05	500 kV Interconnection	Foundation Installation	15	5/17/2027	8/25/2027	6	84	70	1	0	0
P-06	500 kV Interconnection	Structure Installation	15	7/29/2027	9/23/2027	6	48	40	1	0	0
P-07	500 kV Interconnection	Conductor Installation	30	9/24/2027	11/19/2027	6	47	40	1	0	0
L-08	230 kV - New Overhead Transmission	Access Road Construction	12	5/1/2027	5/19/2027	6	16	16	1	0	0
L-09	230 kV - New Overhead Transmission	Foundation Installation	12	5/20/2027	6/15/2027	6	22	22	1	0	0
L-10	230 kV - New Overhead Transmission	Structure Installation	12	6/16/2027	7/15/2027	6	24	24	1	0	0
L-11	230 kV - New Overhead Transmission	Conductor Installation	30	7/16/2027	8/15/2027	6	26	26	1	0	0
L-14	230 kV - New Submerged Cable	Submarine Cable Installation	25	7/1/2027	10/31/2027	7	122	122	0.7	0.3	0
L-15	230 kV - Southern Construction	Southern Transition Approach Construction	25	6/15/2027	11/30/2027	6	138	138	1	0	0
L-16	230 kV - Southern Construction	Substation Getaways	20	6/1/2027	8/23/2027	6	70	70	1	0	0
P-17	12 kV Distribution	Distribution Extension to Substation	10	6/1/2026	8/1/2026	6	51	51	1	0	0
L-18	Telecommunications	Fiber Extension to Substation	12	6/1/2027	10/1/2027	6	103	103	1	0	0
P-19	Substation Modifications	Pittsburg Substation Upgrades	15	5/1/2027	5/31/2028	6	325	250	1	0	0
L-20	General	Commissioning and Testing	24	11/1/2027	6/1/2028	6	174	174	1	0	0
L-21	General	Cleanup and Restoration	12	2/1/2028	7/17/2028	6	140	140	1	0	0
P-22	500 kV Transposition Structures	Foundation Installation	15	6/1/2027	7/28/2027	6	48	48	0.75	0	0.25
P-23	500 kV Transposition Structures	Structure and Conductor Installation	30	1/18/2028	2/29/2028	6	36	36	0.75	0	0.25
P-28	500 kV Transposition Structures	Helicopter Use	4	1/18/2028	2/29/2028	6	36	36	0.5	0	0.5
L-24	230 kV - Northern Construction	Northern Transition Approach Construction	20	6/15/2027	11/30/2027	6	138	138	1	0	0
P-25	Substation Modifications	Tesla Substation Upgrades	15	9/1/2027	2/28/2028	6	144	144	1	0	0
P-26	Substation Modifications	Vaca Dixon Substation Upgrades	15	5/1/2027	2/1/2028	6	224	224	1	0	0
P-27	Collinsville Substation	PG&E IT Work	15	1/1/2027	8/31/2027	6	202	202	1	0	0

Table 17: Equipment List

EquipIndex	Activity Number	Activity Index	Activity Name	Equipment Name	HP	Fuel Type	Quantity	Days Manual Override*	Days Used	Hours Per Day	EquipConcat	On-Off	Earth Moving	Off Count	On Count	Boat Count	Earth Moving Count	On Type	CalEEModType	On Distance	Trips Per Day	VMT	Total VMT	Total Trips per day	Automobile?
1	1	L-01	Survey	Pickup - 1/2 Ton	395	Gasoline	2		26	4	Pickup - 1/2 Ton_395	on			1			passenger		40	2	160	4160	4	Automobile
2	2	L-02	Site Development/Staging Yards	Truck - Water 4 K	300	Diesel	4		76	8	Truck - Water 4 K_300	on			2			vendor		40	2	320	24320	8	Const Vehicle
3	2	L-02	Site Development/Staging Yards	Loader - 4-5 Yd	230	Diesel	2		76	8	Loader - 4-5 Yd_230	off		1					Rubber Tired Loaders						
4	2	L-02	Site Development/Staging Yards	Truck - Dump 10-12 Yd	415	Diesel	5		76	8	Truck - Dump 10-12 Yd_415	on			3			hhdt		40	4	800	60800	20	Const Vehicle
5	2	L-02	Site Development/Staging Yards	Motor Grader	250	Diesel	2		76	8	Motor Grader_250	off	grading	2			1		Graders						
6	2	L-02	Site Development/Staging Yards	Scraper	410	Diesel	4		76	8	Scraper_410	off	grading	3			2		Scrapers						
7	2	L-02	Site Development/Staging Yards	Vibratory Roller	157	Diesel	2		76	8	Vibratory Roller_157	off		4					Rollers						
8	2	L-02	Site Development/Staging Yards	Pickup - 1/2 Ton	395	Gasoline	4		76	4	Pickup - 1/2 Ton_395	on			4			passenger		40	2	320	24320	8	Automobile
9	2	L-02	Site Development/Staging Yards	Generator – 25 Kw	36	Diesel	2		76	8	Generator – 25 Kw_36	off		5					Generator Sets						
10	2	L-02	Site Development/Staging Yards	Forklift - 15,000 lb	130	Diesel	4		76	6	Forklift - 15,000 lb_130	off		6					Forklifts						
11	2	L-02	Site Development/Staging Yards	Pickup - 1 Ton	410	Diesel	4		76	4	Pickup - 1 Ton_410	on			5			passenger		40	2	320	24320	8	Automobile
12	2	L-02	Site Development/Staging Yards	844 Loader	417	Diesel	1		76	6	844 Loader_417	off		7					Rubber Tired Loaders						
13	2	L-02	Site Development/Staging Yards	Semi Truck	500	Diesel	2		76	6	Semi Truck_500	on			6			hhdt		40	2	160	12160	4	Const Vehicle
14	3	L-03	Below-Grade Construction	Truck - Water 4 K	300	Diesel	2		152	8	Truck - Water 4 K_300	on			7			vendor		40	2	160	24320	4	Const Vehicle
15	3	L-03	Below-Grade Construction	Excavator	108	Diesel	2		152	8	Excavator_108	off		8					Excavators						
16	3	L-03	Below-Grade Construction	Forklift - 15 K Reach	130	Diesel	3		152	8	Forklift - 15 K Reach_130	off		9					Forklifts						
17	3	L-03	Below-Grade Construction	Backhoe - 2X4	68	Diesel	2		152	6	Backhoe - 2X4_68	off		10					Excavators						
18	3	L-03	Below-Grade Construction	Pickup - 1/2 Ton	395	Gasoline	4		152	2	Pickup - 1/2 Ton_395	on			8			passenger		40	2	320	48640	8	Automobile
19	3	L-03	Below-Grade Construction	Pickup - 1 Ton	410	Diesel	4		152	2	Pickup - 1 Ton_410	on			9			passenger		40	2	320	48640	8	Automobile
20	3	L-03	Below-Grade Construction	Excavator - Mini	70	Diesel	1		152	5	Excavator - Mini_70	off		11					Excavators						
21	3	L-03	Below-Grade Construction	Generator – 25 Kw	36	Diesel	1		152	8	Generator – 25 Kw_36	off		12					Generator Sets						
22	3	L-03	Below-Grade Construction	Truck - Concrete	425	Diesel	4		152	5	Truck - Concrete_425	on			10			hhdt		60	2	480	72960	8	Const Vehicle
23	3	L-03	Below-Grade Construction	Loader - 4-5 Yd	230	Diesel	2		152	8	Loader - 4-5 Yd_230	off		13					Rubber Tired Loaders						
24	3	L-03	Below-Grade Construction	Pressure Digger - Lo-Drill (Tracked)	275	Diesel	1		152	8	essure Digger - Lo-Drill (Tracked)_2	off		14					Bore/Drill Rigs						
25	3	L-03	Below-Grade Construction	Excavator	275	Diesel	1		152	8	Excavator_275	off		15					Excavators						
26	3	L-03	Below-Grade Construction	Truck - Dump 10-12 Yd	415	Diesel	3		152	5	Truck - Dump 10-12 Yd_415	on			11			hhdt		40	4	480	72960	12	Const Vehicle
27	3	L-03	Below-Grade Construction	Tool - Van/Conex 20'	0	NA	6		152	8	Tool - Van/Conex 20'_0	NA													
28	3	L-03	Below-Grade Construction	Trencher	75	Diesel	2		152	5	Trencher_75	off		16					Trenchers						
29	3	L-03	Below-Grade Construction	Skid steer loader	74	Diesel	2		152	8	Skid steer loader_74	off		17					Skid Steer Loaders						
30	3	L-03	Below-Grade Construction	Wire Trailer/ Tensioner	175	Diesel	1		152	5	Wire Trailer/ Tensioner_175	off		18					Other Construction Equipment						
31	3	L-03	Below-Grade Construction	Wire Puller	175	Diesel	1		152	5	Wire Puller_175	off		19					Other Construction Equipment						
32	4	L-04	Above-Grade Construction	Wire Trailer/ Tensioner	175	Diesel	1		333	5	Wire Trailer/ Tensioner_175	off		20					Other Construction Equipment						
33	4	L-04	Above-Grade Construction	Wire Puller	175	Diesel	1		333	5	Wire Puller_175	off		21					Other Construction Equipment						
34	4	L-04	Above-Grade Construction	Crane - 200 Ton	275	Diesel	1		333	4	Crane - 200 Ton_275	off		22					Cranes						
35	4	L-04	Above-Grade Construction	Pickup - 1/2 Ton	395	Gasoline	4		333	2	Pickup - 1/2 Ton_395	on			12			passenger		40	2	320	106560	8	Automobile
36	4	L-04	Above-Grade Construction	Pickup - 1 Ton	410	Diesel	4		333	2	Pickup - 1 Ton_410	on			13			passenger		40	2	320	106560	8	Automobile
37	4	L-04	Above-Grade Construction	Welding Truck	395	Diesel	2		333	2	Welding Truck_395	on			14			vendor		40	2	160	53280	4	Const Vehicle
38	4	L-04	Above-Grade Construction	Generator – 25 Kw	36	Diesel	2		333	8	Generator – 25 Kw_36	off		23					Generator Sets						
39	4	L-04	Above-Grade Construction	Crane - 35 Ton (Manlift)	250	Diesel	2		333	5	Crane - 35 Ton (Manlift)_250	off		24					Cranes						
40	4	L-04	Above-Grade Construction	Forklift - 10 K Reach	130	Diesel	2		333	4	Forklift - 10 K Reach_130	off		25					Forklifts						
41	4	L-04	Above-Grade Construction	Forklift -15,000 lb	130	Diesel	1		333	4	Forklift -15,000 lb_130	off		26					Forklifts						
42	4	L-04	Above-Grade Construction	Loader - 4-5 Yd	74	Diesel	2		333	5	Loader - 4-5 Yd_74	off		27					Rubber Tired Loaders						
43	4	L-04	Above-Grade Construction	120' Manlift	74	Diesel	2		333	4	120' Manlift_74	off		28					Aerial Lifts						
44	5	P-05	Foundation Installation	Pressure Digger - Lo-Drill (Tracked)	275	Diesel	1	54	54	8	essure Digger - Lo-Drill (Tracked)_2	off		29					Bore/Drill Rigs						
45	5	P-05	Foundation Installation	Truck - Concrete	425	Diesel	4	54	54	5	Truck - Concrete_425	on			15			hhdt		60	2	480	25920	8	Const Vehicle
46	5	P-05	Foundation Installation	Pickup - 1 Ton	410	Diesel	4		70	2	Pickup - 1 Ton_410	on			16			passenger		60	2	480	40320	8	Automobile
47	5	P-05	Foundation Installation	Truck - Water 4 K	300	Diesel	2		70	6	Truck - Water 4 K_300	on			17			vendor		60	2	240	20160	4	Const Vehicle
48	5	P-05	Foundation Installation	Truck - Dump 10-12 Yd	415	Diesel	2	20	20	8	Truck - Dump 10-12 Yd_415	on			18			hhdt		40	2	160	3200	4	Const Vehicle
49	5	P-05	Foundation Installation	Skid steer loader	74	Diesel	1	35	35	8	Skid steer loader_74	off		30					Skid Steer Loaders						
50	5	P-05	Foundation Installation	Forklift - 10 K Reach	130	Diesel	2	35	35	8	Forklift - 10 K Reach_130	off		31					Forklifts						
51	5	P-05	Foundation Installation	Crane - 35 Ton (Manlift)	250	Diesel	1	35	35	4	Crane - 35 Ton (Manlift)_250	off		32					Cranes						
52	5	P-05	Foundation Installation	Loader - 4-5 Yd	230	Diesel	1	35	35	8	Loader - 4-5 Yd_230	off		33					Rubber Tired Loaders						
53	5	P-05	Foundation Installation	D4 Type Dozer	130	Diesel	1	20	20	8	D4 Type Dozer_130	off		34					Rubber Tired Dozers						
54	5	P-05	Foundation Installation	Excavator	250	Diesel	1	20	20	8	Excavator_250	off		35					Excavators						
55	5	P-05	Foundation Installation	Vibratory Roller	125	Diesel	1	20	20	8	Vibratory Roller_125	off		36					Rollers						
56	6	P-06	Structure Installation	Crane - 35 Ton (Manlift)	250	Diesel	2		40	8	Crane - 35 Ton (Manlift)_250	off		37					Cranes						
57	6	P-06	Structure Installation	Helicopter - Heavy Duty	3200	Jet	1	13	13	5	Helicopter - Heavy Duty_3200	helicopter													
58	6	P-06	Structure Installation	Pickup - 1/2 ton	395	Gasoline	2		40	2	Pickup - 1/2 ton_395	on			19			passenger		40	2	160	7680	4	Automobile
59	6	P-06	Structure Installation	Forklift - 25,000 lb	175	Diesel	1	20	20	5	Forklift - 25,000 lb_175	off		38					Forklifts						
60	6	P-06	Structure Installation	Pickup - 1 ton	410	Diesel	2		40	2	Pickup - 1 ton_410	on			20			passenger		60	2	240	11520	4	Automobile
61	6	P-06	Structure Installation	Crane - 200 Ton	275	Diesel	1		40	8	Crane - 200 Ton_275	off		39					Cranes						
62	6	P-06	Structure Installation	Truck - Water 4 K	300	Diesel	2		40	6	Truck - Water 4 K_300	on			21			vendor		60	2	240	11520	4	Const Vehicle
63	6	P-06	Structure Installation	Jet Fuel Truck	300	Diesel	1	13	13	8	Jet Fuel Truck_300	on			22			vendor		40	2	80	1040	2	Const Vehicle
64	7	P-07	Conductor Installation	Helicopter	700	Jet	1	12	12	8	Helicopter_700	helicopter													
65	7	P-07	Conductor Installation	Jet Fuel Truck	300	Diesel	1	12	12	8	Jet Fuel Truck_300	on			23			vendor		40	2	80	960	2	Const Vehicle
66	7	P-07	Conductor Installation	Crane - 35 Ton (Manlift)	250	Diesel	1		40	8	Crane - 35 Ton (Manlift)_250	off		40					Cranes						
67	7	P-07	Conductor Installation	Pickup - 1/2 ton	395	Gasoline	4		40	2	Pickup - 1/2 ton_395	on			24			passenger		40	2	320	15040	8	Automobile
68	7	P-07	Conductor Installation	Pickup - 1 Ton	410	Diesel	4		40	2	Pickup - 1 Ton_410	on			25			passenger		60	2	480	22560	8	Automobile
69	7	P-07	Conductor Installation	D8 Sag Dozer	200	Diesel	1	6	6	8	D8 Sag Dozer_200	off		41					Rubber Tired Dozers						
70	7	P-07	Conductor Installation	Wire Puller	175	Diesel	1		40	5	Wire Puller_175	off		42					Other Construction Equipment						
71	7	P-07	Conductor Installation	Truck - Water 4 K	300	Diesel	2		40	6	Truck - Water 4 K_300	on			26			vendor		60	2	240	11280	4	Const Vehicle
72	7	P-07	Conductor Installation	Wire Trailer/ Tensioner	175	Diesel	1		40	5	Wire Trailer/ Tensioner_175	off		43					Other Construction Equipment						
73	8	L-08	Access Road Construction	Pickup - 1/2 ton	395	Gasoline	2		16	4	Pickup - 1/2 ton_395	on			27			passenger		40	2	160	2560	4	Automobile
74	8	L-08	Access Road Construction	Pickup - 1 ton	410	Diesel	2		16	4	Pickup - 1 ton_410	on			28			passenger		40	2	160	2560	4	Automobile
75	8	L-08	Access Road Construction	Motor Grader	250	Diesel	1		16	8	Motor Grader_250	off	grading	44			3		Graders						
76	8	L-08	Access Road Construction	Truck - Dump 10-12 Yd	415	Diesel	2		16	8	Truck - Dump 10-12 Yd_415	on			29			hhdt		40	2	160	2560	4	Const Vehicle
77	8	L-08	Access Road Construction	Skid steer loader	74	Diesel	1		16	8	Skid steer loader_74	off		45					Skid Steer Loaders						
78	8	L-08	Access Road Construction	Truck - Water 4 K	300	Diesel	2		16	6	Truck - Water 4 K_300	on			30			vendor		40	2	160	2560	4	Const Vehicle
79	8	L-08	Access Road Construction	D6 Type Dozer	250	Diesel	1		16	8	D6 Type Dozer_250	off	bulldozing	46			4		Rubber Tired Dozers						
80	8	L-08	Access Road Construction	Excavator	250	Diesel	1		16	8	Excavator_250	off		47					Excavators						
81	9	L-09	Foundation Installation	Pressure Digger - Lo-Drill (Tracked)	275	Diesel	1		22	8	essure Digger - Lo-Drill (Tracked)_2	off		48					Bore/Drill Rigs						
82	9	L-09	Foundation Installation	Truck - Concrete	425	Diesel	4		22	5	Truck - Concrete_425	on			31			hhdt		60	2	480	10560	8	Const Vehicle
83	9	L-09	Foundation Installation	Pickup - 1 Ton	410	Diesel	4		22	2	Pickup - 1 Ton_410	on			32			passenger		40	2	320	7040	8	Automobile
84	9	L-09	Foundation Installation	Truck - Water 4 K	300	Diesel	2		22	6	Truck - Water 4 K_300	on			33			vendor		40	2	160	3520	4	Const Vehicle

EquipIndex	Activity Number	Activity Index	Activity Name	Equipment Name	HP	Fuel Type	Quantity	Days Manual Override*	Days Used	Hours Per Day	EquipConcat	On-Off	Earth Moving	Off Count	On Count	Boat Count	Earth Moving Count	On Type	CalEEModType	On Distance	Trips Per Day	VMT	Total VMT	Total Trips per day	Automobile?
85	9	L-09	Foundation Installation	Truck - Dump 10-12 Yd	415	Diesel	2		22	8	Truck - Dump 10-12 Yd_415	on			34			hhdt		40	2	160	3520	4	Const Vehicle
86	9	L-09	Foundation Installation	Skid steer loader	74	Diesel	1		22	8	Skid steer loader_74	off		49					Skid Steer Loaders						
87	9	L-09	Foundation Installation	Forklift - 10 K Reach	130	Diesel	2		22	8	Forklift - 10 K Reach_130	off		50					Forklifts						
88	9	L-09	Foundation Installation	Crane - 35 Ton (Manlift)	250	Diesel	1		22	4	Crane - 35 Ton (Manlift)_250	off		51					Cranes						
89	9	L-09	Foundation Installation	844 Loader	417	Diesel	1		22	8	844 Loader_417	off		52					Rubber Tired Loaders						
90	9	L-09	Foundation Installation	Rough Terrain Crane	185	Diesel	1		22	2	Rough Terrain Crane_185	off		53					Cranes						
91	10	L-10	Structure Installation	Crane - 35 Ton (Manlift)	250	Diesel	2		24	8	Crane - 35 Ton (Manlift)_250	off		54					Cranes						
92	10	L-10	Structure Installation	Pickup - 1/2 ton	395	Gasoline	2		24	2	Pickup - 1/2 ton_395	on			35			passenger		40	2	160	3840	4	Automobile
93	10	L-10	Structure Installation	Forklift - 15,000 lb	130	Diesel	1		24	5	Forklift - 15,000 lb_130	off		55					Forklifts						
94	10	L-10	Structure Installation	Pickup - 1 ton	410	Diesel	2		24	2	Pickup - 1 ton_410	on			36			passenger		40	2	160	3840	4	Automobile
95	10	L-10	Structure Installation	Crane - 200 Ton	275	Diesel	1		24	8	Crane - 200 Ton_275	off		56					Cranes						
96	10	L-10	Structure Installation	844 Loader	417	Diesel	1		24	8	844 Loader_417	off		57					Rubber Tired Loaders						
97	10	L-10	Structure Installation	Truck - Water 4 K	300	Diesel	2		24	6	Truck - Water 4 K_300	on			37			vendor		40	2	160	3840	4	Const Vehicle
98	11	L-11	Conductor Installation	Helicopter	700	Jet	1	6	6	8	Helicopter_700	helicopter													
99	11	L-11	Conductor Installation	Jet Fuel Truck	300	Diesel	1		26	8	Jet Fuel Truck_300	on			38			vendor		60	2	120	3120	2	Const Vehicle
100	11	L-11	Conductor Installation	Crane - 35 Ton (Manlift)	250	Diesel	6		26	8	Crane - 35 Ton (Manlift)_250	off		58					Cranes						
101	11	L-11	Conductor Installation	Pickup - 1/2 ton	395	Gasoline	4		26	2	Pickup - 1/2 ton_395	on			39			passenger		40	2	320	8320	8	Automobile
102	11	L-11	Conductor Installation	Pickup - 1 Ton	410	Diesel	4		26	2	Pickup - 1 Ton_410	on			40			passenger		40	2	320	8320	8	Automobile
103	11	L-11	Conductor Installation	D8 Sag Dozer	200	Diesel	3		26	8	D8 Sag Dozer_200	off		59					Rubber Tired Dozers						
104	11	L-11	Conductor Installation	Wire Puller	175	Diesel	1		26	5	Wire Puller_175	off		60					Other Construction Equipment						
105	11	L-11	Conductor Installation	Truck - Water 4 K	300	Diesel	2		26	6	Truck - Water 4 K_300	on			41			vendor		40	2	160	4160	4	Const Vehicle
106	11	L-11	Conductor Installation	Wire Trailer/ Tensioner	175	Diesel	1		26	5	Wire Trailer/ Tensioner_175	off		61					Other Construction Equipment						
107	14	L-14	Submarine Cable Installation	Water Pumps	325	Diesel	2		122	15	Water Pumps_325	off		62					Pumps						
108	14	L-14	Submarine Cable Installation	Deck Generator	170	Diesel	1		122	21	Deck Generator_170	off		63					Generator Sets						
109	14	L-14	Submarine Cable Installation	Deck Equipment	100	Diesel	1		122	21	Deck Equipment_100	off		64					Other Construction Equipment						
110	14	L-14	Submarine Cable Installation	Anchor Winches	225	Diesel	2		122	12	Anchor Winches_225	off		65					Other Construction Equipment						
111	14	L-14	Submarine Cable Installation	Deck Winch	100	Diesel	1		122	12	Deck Winch_100	off		66					Other Construction Equipment						
112	14	L-14	Submarine Cable Installation	Crane	180	Diesel	1		122	5	Crane_180	off		67					Cranes						
113	14	L-14	Submarine Cable Installation	Linear Cable Engine	200	Diesel	3		122	12	Linear Cable Engine_200	off		68					Other Construction Equipment						
114	14	L-14	Submarine Cable Installation	Barge Tug	2000	Diesel	1		122	11	Barge Tug_2000	boat				1									
115	14	L-14	Submarine Cable Installation	Deck Generator - 100kW	100	Diesel	1		122	17	Deck Generator - 100kW_100	off		69					Generator Sets						
116	14	L-14	Submarine Cable Installation	Small Boats	250	Diesel	2		122	16	Small Boats_250	boat				2									
117	14	L-14	Submarine Cable Installation	Deck Equipment	100	Diesel	1	67	67	6	Deck Equipment_100	off		70					Other Construction Equipment						
118	14	L-14	Submarine Cable Installation	Crane	180	Diesel	1	67	67	2	Crane_180	off		71					Cranes						
119	14	L-14	Submarine Cable Installation	Dive Compressor	50	Diesel	1	67	67	2	Dive Compressor_50	off		72					Air Compressors						
120	14	L-14	Submarine Cable Installation	Deck Generator	170	Diesel	1	67	67	12	Deck Generator_170	off		73					Generator Sets						
121	14	L-14	Submarine Cable Installation	Anchor Tug	1320	Diesel	1	70	70	22	Anchor Tug_1320	boat				3									
122	14	L-14	Submarine Cable Installation	Deck Generator - 100kW	100	Diesel	1	70	70	22	Deck Generator - 100kW_100	off		74					Generator Sets						
123	14	L-14	Submarine Cable Installation	Survey Vessel	250	Diesel	1	18	18	11	Survey Vessel_250	boat				4									
124	14	L-14	Submarine Cable Installation	Pull In Winch	225	Diesel	1	20	20	11	Pull In Winch_225	off		75					Other Construction Equipment						
125	15	L-15	Southern Transition Approach Construction	Survey Vessel	250	Diesel	0	0	0	0	Survey Vessel_250	boat				5									
126	15	L-15	Southern Transition Approach Construction	Pull In Winch	225	Diesel	0		138	0	Pull In Winch_225	off		76					Other Construction Equipment						
127	15	L-15	Southern Transition Approach Construction	Onshore Crane	180	Diesel	1		138	8	Onshore Crane_180	off		77					Cranes						
128	15	L-15	Southern Transition Approach Construction	Crane - 200 ton	275	Diesel	1		138	6	Crane - 200 ton_275	off		78					Cranes						
129	15	L-15	Southern Transition Approach Construction	Onshore Vibratory Hammer	300	Diesel	1		138	8	Onshore Vibratory Hammer_300	off		79					Other Construction Equipment						
130	15	L-15	Southern Transition Approach Construction	Air Compressor	50	Diesel	1		138	8	Air Compressor_50	off		80					Air Compressors						
131	15	L-15	Southern Transition Approach Construction	Truck - Dump 10-12 Yd	415	Diesel	4		138	6	Truck - Dump 10-12 Yd_415	on			42			hhdt		40	2	320	44160	8	Const Vehicle
132	15	L-15	Southern Transition Approach Construction	Onshore Dewatering Equip	50	Diesel	2		138	8	Onshore Dewatering Equip_50	off		81					Other Construction Equipment						
133	15	L-15	Southern Transition Approach Construction	Onshore Trucks	300	Diesel	4		138	8	Onshore Trucks_300	on			43			vendor		60	2	480	66240	8	Const Vehicle
134	16	L-16	Substation Getaways	Pickup - 1/2 Ton	395	Gasoline	4		70	2	Pickup - 1/2 Ton_395	on			44			passenger		40	2	320	22400	8	Automobile
135	16	L-16	Substation Getaways	Pickup - 1 Ton	410	Diesel	4		70	2	Pickup - 1 Ton_410	on			45			passenger		40	2	320	22400	8	Automobile
136	16	L-16	Substation Getaways	Welding Truck	395	Diesel	2		70	2	Welding Truck_395	on			46			vendor		40	2	160	11200	4	Const Vehicle
137	16	L-16	Substation Getaways	Generator – 25 Kw	36	Diesel	2		70	8	Generator – 25 Kw_36	off		82					Generator Sets						
138	16	L-16	Substation Getaways	Crane - 35 Ton (Manlift)	250	Diesel	2		70	5	Crane - 35 Ton (Manlift)_250	off		83					Cranes						
139	16	L-16	Substation Getaways	Forklift - 10 K Reach	130	Diesel	2		70	4	Forklift - 10 K Reach_130	off		84					Forklifts						
140	16	L-16	Substation Getaways	Forklift -15,000 lb	130	Diesel	1		70	4	Forklift -15,000 lb_130	off		85					Forklifts						
141	16	L-16	Substation Getaways	Loader - 4-5 Yd	74	Diesel	2		70	5	Loader - 4-5 Yd_74	off		86					Rubber Tired Loaders						
142	16	L-16	Substation Getaways	Wire Trailer/ Tensioner	175	Diesel	1		70	5	Wire Trailer/ Tensioner_175	off		87					Other Construction Equipment						
143	16	L-16	Substation Getaways	Wire Puller	175	Diesel	1		70	5	Wire Puller_175	off		88					Other Construction Equipment						
144	16	L-16	Substation Getaways	Skid steer loader	74	Diesel	2		70	8	Skid steer loader_74	off		89					Skid Steer Loaders						
145	16	L-16	Substation Getaways	Backhoe - 2X4	68	Diesel	2		70	6	Backhoe - 2X4_68	off		90					Excavators						
146	17	P-17	Distribution Extension to Substation	Pickup - 1/2 ton	395	Gasoline	2		51	2	Pickup - 1/2 ton_395	on			47			passenger		40	2	160	8160	4	Automobile
147	17	P-17	Distribution Extension to Substation	Wire Trailer/ Tensioner	175	Diesel	1		51	5	Wire Trailer/ Tensioner_175	off		91					Other Construction Equipment						
148	17	P-17	Distribution Extension to Substation	Wire Puller	175	Diesel	1		51	5	Wire Puller_175	off		92					Other Construction Equipment						
149	17	P-17	Distribution Extension to Substation	Crane - 35 Ton (Manlift)	250	Diesel	2		51	8	Crane - 35 Ton (Manlift)_250	off		93					Cranes						
150	17	P-17	Distribution Extension to Substation	Pickup - 1 Ton	410	Diesel	2		51	2	Pickup - 1 Ton_410	on			48			passenger		60	2	240	12240	4	Automobile
151	17	P-17	Distribution Extension to Substation	Forklift - 15 K Reach	130	Diesel	2		51	6	Forklift - 15 K Reach_130	off		94					Forklifts						
152	17	P-17	Distribution Extension to Substation	Pressure Digger - Lo-Drill (Tracked)	275	Diesel	1		51	8	essure Digger - Lo-Drill (Tracked)_2	off		95					Bore/Drill Rigs						
153	17	P-17	Distribution Extension to Substation	Truck - Dump 10-12 Yd	415	Diesel	2		51	8	Truck - Dump 10-12 Yd_415	on			49			hhdt		40	2	160	8160	4	Const Vehicle
154	17	P-17	Distribution Extension to Substation	Skid steer loader	74	Diesel	2		51	8	Skid steer loader_74	off		96					Skid Steer Loaders						
155	17	P-17	Distribution Extension to Substation	Truck - Concrete	425	Diesel	4		51	5	Truck - Concrete_425	on			50			hhdt		60	2	480	24480	8	Const Vehicle
156	17	P-17	Distribution Extension to Substation	Backhoe - 2X4	68	Diesel	1		51	8	Backhoe - 2X4_68	off		97					Excavators						
157	18	L-18	Fiber Extension to Substation	Crane - 35 Ton (Manlift)	250	Diesel	2		103	8	Crane - 35 Ton (Manlift)_250	off		98					Cranes						
158	18	L-18	Fiber Extension to Substation	Forklift - 10 K Reach	130	Diesel	1		103	5	Forklift - 10 K Reach_130	off		99					Forklifts						
159	18	L-18	Fiber Extension to Substation	Excavator - Mini	70	Diesel	2		103	5	Excavator - Mini_70	off		100					Excavators						
160	18	L-18	Fiber Extension to Substation	Truck - Dump 10-12 Yd	415	Diesel	3		103	5	Truck - Dump 10-12 Yd_415	on			51			hhdt		40	2	240	24720	6	Const Vehicle
161	18	L-18	Fiber Extension to Substation	Skid steer loader	74	Diesel	2		103	8	Skid steer loader_74	off		101					Skid Steer Loaders						
162	18	L-18	Fiber Extension to Substation	Trencher	75	Diesel	1		103	8	Trencher_75	off		102					Trenchers						
163	18	L-18	Fiber Extension to Substation	Pickup - 1 Ton	410	Diesel	3		103	2	Pickup - 1 Ton_410	on			52			passenger		40	2	240	24720	6	Automobile
164	18	L-18	Fiber Extension to Substation	Truck - Concrete	425	Diesel	2		103	5	Truck - Concrete_425	on			53			hhdt		60	2	240	24720	4	Const Vehicle
165	18	L-18	Fiber Extension to Substation	Wire Trailer/ Tensioner	175	Diesel	1		103	5	Wire Trailer/ Tensioner_175	off		103					Other Construction Equipment						
166	18	L-18	Fiber Extension to Substation	Wire Puller	175	Diesel	1		103	5	Wire Puller_175	off		104					Other Construction Equipment						
167	19	P-19	Pittsburg Substation Upgrades	Pickup - 1/2 Ton	395	Gasoline	4		250	2	Pickup - 1/2 Ton_395	on			54			passenger		40	2	320	104000	8	Automobile
168	19	P-19	Pittsburg Substation Upgrades	Pickup - 1 Ton	410	Diesel	2		250	2	Pickup - 1 Ton_410	on			55			passenger		60	2	240	78000	4	Automobile
169	19	P-19	Pittsburg Substation Upgrades	Welding Truck	395	Diesel	1	144	144	5	Welding Truck_395	on			56			vendor		60	2	120	17280	2	Const Vehicle

EquipIndex	Activity Number	Activity Index	Activity Name	Equipment Name	HP	Fuel Type	Quantity	Days Manual Override*	Days Used	Hours Per Day	EquipConcat	On-Off	Earth Moving	Off Count	On Count	Boat Count	Earth Moving Count	On Type	CalEEModType	On Distance	Trips Per Day	VMT	Total VMT	Total Trips per day	Automobile?
170	19	P-19	Pittsburg Substation Upgrades	Crane - 35 Ton (Manlift)	250	Diesel	1	144	144	5	Crane - 35 Ton (Manlift)_250	off		105					Cranes						
171	19	P-19	Pittsburg Substation Upgrades	Forklift -15,000 lb	130	Diesel	2	144	144	4	Forklift -15,000 lb_130	off		106					Forklifts						
172	19	P-19	Pittsburg Substation Upgrades	120' Manlift	74	Diesel	2	144	144	7	120' Manlift_74	off		107					Aerial Lifts						
173	19	P-19	Pittsburg Substation Upgrades	Truck - Water 4 K	300	Diesel	1	144	144	5	Truck - Water 4 K_300	on			57			vendor		60	2	120	17280	2	Const Vehicle
174	19	P-19	Pittsburg Substation Upgrades	Excavator	108	Diesel	1	144	144	6	Excavator_108	off		108					Excavators						
175	19	P-19	Pittsburg Substation Upgrades	Excavator - Mini	70	Diesel	2	144	144	5	Excavator - Mini_70	off		109					Excavators						
176	19	P-19	Pittsburg Substation Upgrades	Generator – 25 Kw	36	Diesel	1	144	144	8	Generator – 25 Kw_36	off		110					Generator Sets						
177	19	P-19	Pittsburg Substation Upgrades	Truck - Concrete	425	Diesel	4	144	144	5	Truck - Concrete_425	on			58			hhdt		60	2	480	69120	8	Const Vehicle
178	19	P-19	Pittsburg Substation Upgrades	Loader - 4-5 Yd	230	Diesel	1	144	144	6	Loader - 4-5 Yd_230	off		111					Rubber Tired Loaders						
179	19	P-19	Pittsburg Substation Upgrades	Pressure Digger - Lo-Drill (Tracked)	275	Diesel	1	144	144	8	essure Digger - Lo-Drill (Tracked)_2	off		112					Bore/Drill Rigs						
180	19	P-19	Pittsburg Substation Upgrades	Excavator	275	Diesel	1	144	144	8	Excavator_275	off		113					Excavators						
181	19	P-19	Pittsburg Substation Upgrades	Truck - Dump 10-12 Yd	415	Diesel	4	144	144	5	Truck - Dump 10-12 Yd_415	on			59			hhdt		40	2	320	46080	8	Const Vehicle
182	19	P-19	Pittsburg Substation Upgrades	Tool - Van/Conex 20'	0	NA	2	144	144	8	Tool - Van/Conex 20'_0	NA													
183	19	P-19	Pittsburg Substation Upgrades	Skid steer loader	74	Diesel	2	144	144	8	Skid steer loader_74	off		114					Skid Steer Loaders						
184	20	L-20	Commissioning and Testing	Pickup - 1/2 Ton	395	Gasoline	4		174	2	Pickup - 1/2 Ton_395	on			60			passenger		40	2	320	55680	8	Automobile
185	20	L-20	Commissioning and Testing	Pickup - 1 Ton	410	Diesel	4		174	2	Pickup - 1 Ton_410	on			61			passenger		40	2	320	55680	8	Automobile
186	20	L-20	Commissioning and Testing	Manlift - 40'	49	Diesel	3		174	8	Manlift - 40'_49	off		115					Aerial Lifts						
187	20	L-20	Commissioning and Testing	Truck - Water 4 K	300	Diesel	1		174	8	Truck - Water 4 K_300	on			62			vendor		40	2	80	13920	2	Const Vehicle
188	20	L-20	Commissioning and Testing	Tool - Van/Conex 20'	0	NA	6		174	8	Tool - Van/Conex 20'_0	NA													
189	20	L-20	Commissioning and Testing	Deck Barge	N/A	NA	0		174	0	Deck Barge_N/A	NA													
190	20	L-20	Commissioning and Testing	Deck Generator	170	Diesel	0		174	0	Deck Generator_170	off		116					Generator Sets						
191	20	L-20	Commissioning and Testing	Crane - 35 Ton (Manlift)	250	Diesel	2		174	8	Crane - 35 Ton (Manlift)_250	off		117					Cranes						
192	21	L-21	Cleanup and Restoration	Pickup - 1 Ton	410	Diesel	4		140	2	Pickup - 1 Ton_410	on			63			passenger		40	2	320	44800	8	Automobile
193	21	L-21	Cleanup and Restoration	Motor Grader	250	Diesel	2		140	8	Motor Grader_250	off	grading	118			5		Graders						
194	21	L-21	Cleanup and Restoration	Backhoe - 2X4	68	Diesel	2		140	8	Backhoe - 2X4_68	off		119					Excavators						
195	21	L-21	Cleanup and Restoration	Truck - Water 4 K	300	Diesel	2		140	8	Truck - Water 4 K_300	on			64			vendor		40	2	160	22400	4	Const Vehicle
196	21	L-21	Cleanup and Restoration	Skid steer loader	74	Diesel	1		140	8	Skid steer loader_74	off		120					Skid Steer Loaders						
197	21	L-21	Cleanup and Restoration	Excavator	250	Diesel	1		140	8	Excavator_250	off		121					Excavators						
198	21	L-21	Cleanup and Restoration	D6 Type Dozer	250	Diesel	1		140	8	D6 Type Dozer_250	off	bulldozing	122			6		Rubber Tired Dozers						
199	21	L-21	Cleanup and Restoration	Pickup - 1/2 Ton	395	Gasoline	4		140	2	Pickup - 1/2 Ton_395	on			65			passenger		40	2	320	44800	8	Automobile
200	21	L-21	Cleanup and Restoration	Truck - Dump 10-12 Yd	415	Diesel	2		140	8	Truck - Dump 10-12 Yd_415	on			66			hhdt		40	2	160	22400	4	Const Vehicle
201	1	L-01	Survey	Worker Commute	NA	Gasoline	4		26	NA	Worker Commute_NA	on			67			passenger		60	2	480	12480	8	Automobile
202	2	L-02	Site Development/Staging Yards	Worker Commute	NA	Gasoline	12		76	NA	Worker Commute_NA	on			68			passenger		60	2	1440	109440	24	Automobile
203	3	L-03	Below-Grade Construction	Worker Commute	NA	Gasoline	40		152	NA	Worker Commute_NA	on			69			passenger		60	2	4800	729600	80	Automobile
204	4	L-04	Above-Grade Construction	Worker Commute	NA	Gasoline	30		333	NA	Worker Commute_NA	on			70			passenger		60	2	3600	1198800	60	Automobile
205	5	P-05	Foundation Installation	Worker Commute	NA	Gasoline	15		70	NA	Worker Commute_NA	on			71			passenger		60	2	1800	151200	30	Automobile
206	6	P-06	Structure Installation	Worker Commute	NA	Gasoline	15		40	NA	Worker Commute_NA	on			72			passenger		60	2	1800	86400	30	Automobile
207	7	P-07	Conductor Installation	Worker Commute	NA	Gasoline	30		40	NA	Worker Commute_NA	on			73			passenger		60	2	3600	169200	60	Automobile
208	8	L-08	Access Road Construction	Worker Commute	NA	Gasoline	12		16	NA	Worker Commute_NA	on			74			passenger		60	2	1440	23040	24	Automobile
209	9	L-09	Foundation Installation	Worker Commute	NA	Gasoline	12		22	NA	Worker Commute_NA	on			75			passenger		60	2	1440	31680	24	Automobile
210	10	L-10	Structure Installation	Worker Commute	NA	Gasoline	12		24	NA	Worker Commute_NA	on			76			passenger		60	2	1440	34560	24	Automobile
211	11	L-11	Conductor Installation	Worker Commute	NA	Gasoline	30		26	NA	Worker Commute_NA	on			77			passenger		60	2	3600	93600	60	Automobile
212	14	L-14	Submarine Cable Installation	Worker Commute	NA	Gasoline	25		122	NA	Worker Commute_NA	on			78			passenger		60	2	3000	366000	50	Automobile
213	15	L-15	Southern Transition Approach Construction	Worker Commute	NA	Gasoline	25		138	NA	Worker Commute_NA	on			79			passenger		60	2	3000	414000	50	Automobile
214	16	L-16	Substation Getaways	Worker Commute	NA	Gasoline	20		70	NA	Worker Commute_NA	on			80			passenger		60	2	2400	168000	40	Automobile
215	17	P-17	Distribution Extension to Substation	Worker Commute	NA	Gasoline	10		51	NA	Worker Commute_NA	on			81			passenger		60	2	1200	61200	20	Automobile
216	18	L-18	Fiber Extension to Substation	Worker Commute	NA	Gasoline	12		103	NA	Worker Commute_NA	on			82			passenger		60	2	1440	148320	24	Automobile
217	19	P-19	Pittsburg Substation Upgrades	Worker Commute	NA	Gasoline	15		250	NA	Worker Commute_NA	on			83			passenger		60	2	1800	585000	30	Automobile
218	20	L-20	Commissioning and Testing	Worker Commute	NA	Gasoline	24		174	NA	Worker Commute_NA	on			84			passenger		60	2	2880	501120	48	Automobile
219	21	L-21	Cleanup and Restoration	Worker Commute	NA	Gasoline	12		140	NA	Worker Commute_NA	on			85			passenger		60	2	1440	201600	24	Automobile
220	22	P-22	Foundation Installation	Pressure Digger - Lo-Drill (Tracked)	275	Diesel	1	36	36	8	essure Digger - Lo-Drill (Tracked)_2	off		123					Bore/Drill Rigs						
221	22	P-22	Foundation Installation	Truck - Concrete	425	Diesel	2	20	20	4	Truck - Concrete_425	on			86			hhdt		60	2	240	4800	4	Const Vehicle
222	22	P-22	Foundation Installation	Pickup - 1 Ton	410	Diesel	2		48	2	Pickup - 1 Ton_410	on			87			passenger		60	2	240	11520	4	Automobile
223	22	P-22	Foundation Installation	Truck - Water 4 K	300	Diesel	1		48	6	Truck - Water 4 K_300	on			88			vendor		60	2	120	5760	2	Const Vehicle
224	22	P-22	Foundation Installation	Truck - Dump 10-12 Yd	415	Diesel	1	30	30	8	Truck - Dump 10-12 Yd_415	on			89			hhdt		40	2	80	2400	2	Const Vehicle
225	22	P-22	Foundation Installation	Skid steer loader	74	Diesel	1	30	30	4	Skid steer loader_74	off		124					Skid Steer Loaders						
226	23	P-23	Structure and Conductor Installation	Crane - 35 Ton (Manlift)	250	Diesel	1		36	8	Crane - 35 Ton (Manlift)_250	off		125					Cranes						
227	23	P-23	Structure and Conductor Installation	Pickup - 1/2 ton	395	Gasoline	4		36	2	Pickup - 1/2 ton_395	on			90			passenger		40	2	320	11520	8	Automobile
228	23	P-23	Structure and Conductor Installation	Pickup - 1 ton	410	Diesel	4		36	2	Pickup - 1 ton_410	on			91			passenger		60	2	480	17280	8	Automobile
229	23	P-23	Structure and Conductor Installation	Crane - 200 Ton	275	Diesel	1		36	8	Crane - 200 Ton_275	off		126					Cranes						
230	23	P-23	Structure and Conductor Installation	D8 Sag Dozer	200	Diesel	1	3	3	4	D8 Sag Dozer_200	off		127					Rubber Tired Dozers						
231	23	P-23	Structure and Conductor Installation	Truck - Water 4 K	300	Diesel	1		36	4	Truck - Water 4 K_300	on			92			vendor		60	2	120	4320	2	Const Vehicle
232	23	P-23	Structure and Conductor Installation	Wire Puller	175	Diesel	1		36	4	Wire Puller_175	off		128					Other Construction Equipment						
233	23	P-23	Structure and Conductor Installation	Wire Trailer/ Tensioner	175	Diesel	1		36	4	Wire Trailer/ Tensioner_175	off		129					Other Construction Equipment						
234	28	P-28	Helicopter Use	Helicopter	700	Jet	1	8	8	3	Helicopter_700	helicopter													
235	28	P-28	Helicopter Use	Jet Fuel Truck	300	Diesel	1	8	8	NA	Jet Fuel Truck_300	on			93			vendor		40	2	80	640	2	Const Vehicle
236	22	P-22	Foundation Installation	Worker Commute	NA	Gasoline	15		48	NA	Worker Commute_NA	on			94			passenger		60	2	1800	86400	30	Automobile
237	23	P-23	Structure and Conductor Installation	Worker Commute	NA	Gasoline	30		36	NA	Worker Commute_NA	on			95			passenger		60	2	3600	129600	60	Automobile
238	28	P-28	Helicopter Use	Worker Commute	NA	Gasoline	4		36		Worker Commute_NA	on			96			passenger		60	2	480	17280	8	Automobile
239	24	L-24	Northern Transition Approach Construction	Onshore Excavator	600	Diesel	1		138	8	Onshore Excavator_600	off		130					Excavators						
240	24	L-24	Northern Transition Approach Construction	Onshore End Loader	250	Diesel	1		138	8	Onshore End Loader_250	off		131					Tractors/Loaders/Backhoes						
241	24	L-24	Northern Transition Approach Construction	Onshore Crane	180	Diesel	1		138	8	Onshore Crane_180	off		132					Cranes						
242	24	L-24	Northern Transition Approach Construction	Air Compressor	50	Diesel	1		138	8	Air Compressor_50	off		133					Air Compressors						
243	24	L-24	Northern Transition Approach Construction	Truck - Dump 10-12 Yd	415	Diesel	1		138	6	Truck - Dump 10-12 Yd_415	on			97			hhdt		40	2	80	11040	2	Const Vehicle
244	24	L-24	Northern Transition Approach Construction	Onshore Dewatering Equip	50	Diesel	2		138	8	Onshore Dewatering Equip_50	off		134					Other Construction Equipment						
245	24	L-24	Northern Transition Approach Construction	Worker Commute	NA	Gasoline	20		138	NA	Worker Commute_NA	on			98			passenger		60	2	2400	331200	40	Automobile
246	25	P-25	Tesla Substation Upgrades	Pickup - 1/2 Ton	395	Gasoline	4		144	2	Pickup - 1/2 Ton_395	on			99			passenger		40	2	320	46080	8	Automobile
247	25	P-25	Tesla Substation Upgrades	Pickup - 1 Ton	410	Diesel	4		144	2	Pickup - 1 Ton_410	on			100			passenger		60	2	480	69120	8	Automobile
248	25	P-25	Tesla Substation Upgrades	Crane - 35 Ton (Manlift)	250	Diesel	2	72	72	5	Crane - 35 Ton (Manlift)_250	off		135					Cranes						
249	25	P-25	Tesla Substation Upgrades	Forklift -15,000 lb	130	Diesel	1	72	72	4	Forklift -15,000 lb_130	off		136					Forklifts						
250	25	P-25	Tesla Substation Upgrades	Manlift - 40'	49	Diesel	3	72	72	5	Manlift - 40'_49	off		137					Aerial Lifts						
251	25	P-25	Tesla Substation Upgrades	Excavator	108	Diesel	1	72	72	8	Excavator_108	off		138					Excavators						
252	25	P-25	Tesla Substation Upgrades	Generator – 25 Kw	36	Diesel	1		144	8	Generator – 25 Kw_36	off		139					Generator Sets						
253	25	P-25	Tesla Substation Upgrades	Truck - Concrete	425	Diesel	1	72	72	3	Truck - Concrete_425	on			101			hhdt		60	2	120	8640	2	Const Vehicle
254	25	P-25	Tesla Substation Upgrades	Truck - Dump 10-12 Yd	415	Diesel	1	72	72	5	Truck - Dump 10-12 Yd_415	on			102			hhdt		40	2	80	5760	2	Const Vehicle

EquipIndex	Activity Number	Activity Index	Activity Name	Equipment Name	HP	Fuel Type	Quantity	Days Manual Override*	Days Used	Hours Per Day	EquipConcat	On-Off	Earth Moving	Off Count	On Count	Boat Count	Earth Moving Count	On Type	CalEEModType	On Distance	Trips Per Day	VMT	Total VMT	Total Trips per day	Automobile?
255	25	P-25	Tesla Substation Upgrades	Tool - Van/Conex 20'	0	NA	2	72	72	8	Tool - Van/Conex 20'_0	NA													
256	25	P-25	Tesla Substation Upgrades	Skid steer loader	74	Diesel	1	72	72	8	Skid steer loader_74	off		140					Skid Steer Loaders						
257	26	P-26	Vaca Dixon Substation Upgrades	Pickup - 1/2 Ton	395	Gasoline	4		224	2	Pickup - 1/2 Ton_395	on			103			passenger		40	2	320	71680	8	Automobile
258	26	P-26	Vaca Dixon Substation Upgrades	Pickup - 1 Ton	410	Diesel	4		224	2	Pickup - 1 Ton_410	on			104			passenger		60	2	480	107520	8	Automobile
259	26	P-26	Vaca Dixon Substation Upgrades	Crane - 35 Ton (Manlift)	250	Diesel	2	132	132	5	Crane - 35 Ton (Manlift)_250	off		141					Cranes						
260	26	P-26	Vaca Dixon Substation Upgrades	Forklift -15,000 lb	130	Diesel	1	132	132	4	Forklift -15,000 lb_130	off		142					Forklifts						
261	26	P-26	Vaca Dixon Substation Upgrades	Manlift - 40'	49	Diesel	3	132	132	5	Manlift - 40'_49	off		143					Aerial Lifts						
262	26	P-26	Vaca Dixon Substation Upgrades	Excavator	108	Diesel	1	132	132	8	Excavator_108	off		144					Excavators						
263	26	P-26	Vaca Dixon Substation Upgrades	Generator – 25 Kw	36	Diesel	1		224	8	Generator – 25 Kw_36	off		145					Generator Sets						
264	26	P-26	Vaca Dixon Substation Upgrades	Truck - Concrete	425	Diesel	1	132	132	3	Truck - Concrete_425	on			105			hhdt		60	2	120	15840	2	Const Vehicle
265	26	P-26	Vaca Dixon Substation Upgrades	Truck - Dump 10-12 Yd	415	Diesel	1	132	132	5	Truck - Dump 10-12 Yd_415	on			106			hhdt		40	2	80	10560	2	Const Vehicle
266	26	P-26	Vaca Dixon Substation Upgrades	Tool - Van/Conex 20'	0	NA	2	67	67	8	Tool - Van/Conex 20'_0	NA													
267	26	P-26	Vaca Dixon Substation Upgrades	Skid steer loader	74	Diesel	1	132	132	8	Skid steer loader_74	off		146					Skid Steer Loaders						
268	25	P-25	Tesla Substation Upgrades	Worker Commute	NA	Gasoline	15		144	NA	Worker Commute_NA	on			107			passenger		60	2	1800	259200	30	Automobile
269	26	P-26	Vaca Dixon Substation Upgrades	Worker Commute	NA	Gasoline	15		224	NA	Worker Commute_NA	on			108			passenger		60	2	1800	403200	30	Automobile
270	27	P-27	PG&E IT Work	Pickup - 1/2 Ton	395	Gasoline	4		202	2	Pickup - 1/2 Ton_395	on			109			passenger		40	2	320	64640	8	Automobile
271	27	P-27	PG&E IT Work	Pickup - 1 Ton	410	Diesel	2		202	2	Pickup - 1 Ton_410	on			110			passenger		60	2	240	48480	4	Automobile
272	27	P-27	PG&E IT Work	Crane - 35 Ton (Manlift)	250	Diesel	1	150	150	5	Crane - 35 Ton (Manlift)_250	off		147					Cranes						
273	27	P-27	PG&E IT Work	Forklift -15,000 lb	130	Diesel	2	150	150	4	Forklift -15,000 lb_130	off		148					Forklifts						
274	27	P-27	PG&E IT Work	120' Manlift	74	Diesel	1	150	150	7	120' Manlift_74	off		149					Aerial Lifts						
275	27	P-27	PG&E IT Work	Truck - Water 4 K	300	Diesel	1	150	150	5	Truck - Water 4 K_300	on			111			vendor		60	2	120	18000	2	Const Vehicle
276	27	P-27	PG&E IT Work	Excavator	108	Diesel	1	150	150	6	Excavator_108	off		150					Excavators						
277	27	P-27	PG&E IT Work	Excavator - Mini	70	Diesel	2	150	150	5	Excavator - Mini_70	off		151					Excavators						
278	27	P-27	PG&E IT Work	Generator – 25 Kw	36	Diesel	1		202	8	Generator – 25 Kw_36	off		152					Generator Sets						
279	27	P-27	PG&E IT Work	Truck - Concrete	425	Diesel	4	150	150	5	Truck - Concrete_425	on			112			hhdt		60	2	480	72000	8	Const Vehicle
280	27	P-27	PG&E IT Work	Loader - 4-5 Yd	230	Diesel	1	150	150	6	Loader - 4-5 Yd_230	off		153					Rubber Tired Loaders						
281	27	P-27	PG&E IT Work	Pressure Digger - Lo-Drill (Tracked)	275	Diesel	1	150	150	8	essure Digger - Lo-Drill (Tracked)_2	off		154					Bore/Drill Rigs						
282	27	P-27	PG&E IT Work	Excavator	275	Diesel	1	150	150	8	Excavator_275	off		155					Excavators						
283	27	P-27	PG&E IT Work	Truck - Dump 10-12 Yd	415	Diesel	2	150	150	5	Truck - Dump 10-12 Yd_415	on			113			hhdt		40	2	160	24000	4	Const Vehicle
284	27	P-27	PG&E IT Work	Tool - Van/Conex 20'	0	NA	2		202	8	Tool - Van/Conex 20'_0	NA													
285	27	P-27	PG&E IT Work	Skid steer loader	74	Diesel	2	150	150	8	Skid steer loader_74	off		156					Skid Steer Loaders						
286	27	P-27	PG&E IT Work	Worker Commute	NA	Gasoline	15		202	NA	Worker Commute_NA	on			114			passenger		60	2	1800	363600	30	Automobile

*Note: Unless otherwise noted, equipment assumed to operate each day of the associated construction phase. Manual adjustments have been made in this column if equipment would not be used each day of the construction phase.

Table 18: On-Road Vehicle Distance Assumptions

Component	Equipment	Concat	On-Off	Fuel	On Type	Trip Distance	Paved Percent	Paved Distance	Unpaved Distance
L	Jet Fuel Truck_300	L_Jet Fuel Truck_300	on	Diesel	vendor	60	95	57	3
L	Onshore Trucks_300	L_Onshore Trucks_300	on	Diesel	vendor	60	95	57	3
L	Pickup - 1 Ton_410	L_Pickup - 1 Ton_410	on	Diesel	passenger	40	95	38	2
L	Pickup - 1/2 Ton_395	L_Pickup - 1/2 Ton_395	on	Gasoline	passenger	40	95	38	2
L	Semi Truck_500	L_Semi Truck_500	on	Diesel	hhdt	40	95	38	2
L	Truck - Concrete_425	L_Truck - Concrete_425	on	Diesel	hhdt	60	95	57	3
L	Truck - Dump 10-12 Yd_415	L_Truck - Dump 10-12 Yd_415	on	Diesel	hhdt	40	95	38	2
L	Truck - Water 4 K_300	L_Truck - Water 4 K_300	on	Diesel	vendor	40	95	38	2
L	Welding Truck_395	L_Welding Truck_395	on	Diesel	vendor	40	95	38	2
P	Jet Fuel Truck_300	P_Jet Fuel Truck_300	on	Diesel	vendor	40	95	38	2
P	Onshore Trucks_300	P_Onshore Trucks_300	on	Diesel	vendor	30	90	27	3
P	Pickup - 1 Ton_410	P_Pickup - 1 Ton_410	on	Diesel	passenger	60	95	57	3
P	Pickup - 1/2 Ton_395	P_Pickup - 1/2 Ton_395	on	Gasoline	passenger	40	95	38	2
P	Semi Truck_500	P_Semi Truck_500	on	Diesel	hhdt	40	95	38	2
P	Truck - Concrete_425	P_Truck - Concrete_425	on	Diesel	hhdt	60	95	57	3
P	Truck - Dump 10-12 Yd_415	P_Truck - Dump 10-12 Yd_415	on	Diesel	hhdt	40	95	38	2
P	Truck - Water 4 K_300	P_Truck - Water 4 K_300	on	Diesel	vendor	60	95	57	3
P	Welding Truck_395	P_Welding Truck_395	on	Diesel	vendor	60	95	57	3
L	Worker Commute_NA	L_Worker Commute_NA	on	Gasoline	passenger	60	100	60	0
P	Worker Commute_NA	P_Worker Commute_NA	on	Gasoline	passenger	60	100	60	0

Table 19: Off-Road Uncontrolled Daily Emissions (pounds/day)

Count	Activity Index	Activity Name	Equipment Name	Fuel Type	Quantity	Hours Per Day	CalEEModType	HP	LF	CalEEMod Bin	Tier Bin	Year	ROG	NOX	CO	SOZ	PM10	PM2.5	CO2	CH4	N2O
1	L-02	Site Development/Staging Yards	Loader - 4-5 Yd	Diesel	2	8	Rubber Tired Loaders	230	0.36	6	5	2026	0.511336	3.905703	3.404929	0.014207	0.131143	0.120651	1538.01	0.062388	0.012478
2	L-02	Site Development/Staging Yards	Motor Grader	Diesel	2	8	Graders	250	0.41	6	5	2026	0.792091	7.660972	4.326554	0.01762	0.25763	0.237019	1907.93	0.077394	0.015479
3	L-02	Site Development/Staging Yards	Scraper	Diesel	4	8	Scrapers	410	0.48	7	6	2026	2.722032	24.16631	21.36883	0.067818	0.942435	0.86704	7342.513	0.297844	0.059569
4	L-02	Site Development/Staging Yards	Vibratory Roller	Diesel	2	8	Rollers	157	0.38	5	4	2026	0.253835	2.105085	6.12585	0.010255	0.093611	0.086122	1109.816	0.045019	0.009004
5	L-02	Site Development/Staging Yards	Generator – 25 kw	Diesel	2	8	Generator Sets	36	0.74	2	1	2026	0.317487	3.178499	3.506226	0.006904	0.074363	0.068414	534.0437	0.021663	0.004333
6	L-02	Site Development/Staging Yards	Forklift - 15,000 lb	Diesel	4	6	Forklifts	130	0.2	5	4	2026	0.264524	1.973717	4.345106	0.006702	0.095046	0.091122	725.6289	0.029435	0.005887
7	L-02	Site Development/Staging Yards	844 Loader	Diesel	1	6	Rubber Tired Loaders	417	0.36	7	6	2026	0.37116	2.588289	2.452164	0.00967	0.096505	0.088784	1046.88	0.042466	0.008493
8	L-03	Below-Grade Construction	Excavator	Diesel	2	8	Excavators	108	0.38	5	3	2026	0.213011	1.461998	4.446295	0.00706	0.070421	0.064787	764.1896	0.030999	0.0062
9	L-03	Below-Grade Construction	Forklift - 15 K Reach	Diesel	3	8	Forklifts	130	0.2	5	4	2026	0.264524	1.973717	4.345106	0.006702	0.095046	0.091122	725.6289	0.029435	0.005887
10	L-03	Below-Grade Construction	Backhoe - 2X4	Diesel	2	6	Excavators	68	0.38	3	2	2026	0.497255	3.656965	2.867659	0.003362	0.378505	0.348224	364.97	0.014805	0.002961
11	L-03	Below-Grade Construction	Excavator - Mini	Diesel	1	5	Excavators	70	0.38	3	2	2026	0.213284	1.568551	1.230001	0.001442	0.162349	0.149161	156.9435	0.00635	0.00127
12	L-03	Below-Grade Construction	Generator – 25 kw	Diesel	1	8	Generator Sets	36	0.74	2	1	2026	0.158744	1.58925	1.753113	0.003452	0.037182	0.034207	267.0218	0.010832	0.002166
13	L-03	Below-Grade Construction	Loader - 4-5 Yd	Diesel	2	8	Rubber Tired Loaders	230	0.36	6	5	2026	0.511336	3.905703	3.404929	0.014207	0.131143	0.120651	1538.01	0.062388	0.012478
14	L-03	Below-Grade Construction	Pressure Digger - Lo-Drill (T	Diesel	1	8	Bore/Drill Rigs	275	0.5	6	5	2026	0.282265	2.601523	2.573061	0.011773	0.085421	0.078587	1274.165	0.051686	0.010337
15	L-03	Below-Grade Construction	Excavator	Diesel	1	8	Excavators	275	0.38	6	5	2026	0.239595	1.691742	2.025738	0.008994	0.057305	0.05272	973.4656	0.039488	0.007898
16	L-03	Below-Grade Construction	Trencher	Diesel	2	5	Trenchers	75	0.5	4	3	2026	0.312351	3.08183	2.990568	0.004038	0.191488	0.176169	437.6353	0.017752	0.00355
17	L-03	Below-Grade Construction	Skid steer loader	Diesel	2	8	Skid Steer Loaders	74	0.37	3	2	2026	0.129237	1.745434	3.133548	0.004717	0.049673	0.045699	510.5425	0.02071	0.004142
18	L-03	Below-Grade Construction	Wire Trailer/ Tensioner	Diesel	1	5	Other Construction Equipment	175	0.42	6	5	2026	0.165642	1.659343	1.11341	0.00396	0.066025	0.060743	428.804	0.017394	0.003479
19	L-03	Below-Grade Construction	Wire Puller	Diesel	1	5	Other Construction Equipment	175	0.42	6	5	2026	0.165642	1.659343	1.11341	0.00396	0.066025	0.060743	428.804	0.017394	0.003479
20	L-04	Above-Grade Construction	Wire Trailer/ Tensioner	Diesel	1	5	Other Construction Equipment	175	0.42	6	5	2026	0.165642	1.659343	1.11341	0.00396	0.066025	0.060743	428.804	0.017394	0.003479
21	L-04	Above-Grade Construction	Wire Puller	Diesel	1	5	Other Construction Equipment	175	0.42	6	5	2026	0.165642	1.659343	1.11341	0.00396	0.066025	0.060743	428.804	0.017394	0.003479
22	L-04	Above-Grade Construction	Crane - 200 Ton	Diesel	1	4	Cranes	275	0.29	6	5	2026	0.175753	1.765645	1.043341	0.003426	0.073449	0.067573	371.0214	0.01505	0.00301
23	L-04	Above-Grade Construction	Generator – 25 kw	Diesel	2	8	Generator Sets	36	0.74	2	1	2026	0.317487	3.178499	3.506226	0.006904	0.074363	0.068414	534.0437	0.021663	0.004333
24	L-04	Above-Grade Construction	Crane - 35 Ton (Manlift)	Diesel	2	5	Cranes	250	0.29	6	5	2026	0.399439	4.012829	2.371229	0.007786	0.16693	0.153575	843.2305	0.034205	0.006841
25	L-04	Above-Grade Construction	Forklift - 10 K Reach	Diesel	2	4	Forklifts	130	0.2	5	4	2026	0.088175	0.657906	1.448369	0.002234	0.033015	0.030374	241.8763	0.009812	0.001962
26	L-04	Above-Grade Construction	Forklift -15,000 lb	Diesel	1	4	Forklifts	130	0.2	5	4	2026	0.044087	0.328953	0.724184	0.001117	0.016508	0.015187	120.9381	0.004908	0.000981
27	L-04	Above-Grade Construction	Loader - 4-5 Yd	Diesel	2	8	Rubber Tired Loaders	74	0.36	3	2	2026	1.145721	9.073461	3.714154	0.002839	0.665249	0.612029	310.1138	0.01258	0.002516
28	L-04	Above-Grade Construction	120' Manlift	Diesel	2	4	Aerial Lifts	74	0.31	3	2	2026	0.041555	0.628427	1.27938	0.001974	0.01236	0.011372	213.5724	0.008663	0.001733
29	P-05	Foundation Installation	Pressure Digger - Lo-Drill (T	Diesel	1	8	Bore/Drill Rigs	275	0.5	6	5	2026	0.282265	2.601523	2.573061	0.011773	0.085421	0.078587	1274.165	0.051686	0.010337
30	P-05	Foundation Installation	Skid steer loader	Diesel	1	8	Skid Steer Loaders	74	0.37	3	2	2026	0.064619	0.872717	1.566773	0.002359	0.024837	0.02285	255.2712	0.010355	0.002071
31	P-05	Foundation Installation	Forklift - 10 K Reach	Diesel	2	8	Forklifts	130	0.2	5	4	2026	0.17635	1.315811	2.896737	0.004468	0.066031	0.060748	483.7526	0.019623	0.003925
32	P-05	Foundation Installation	Crane - 35 Ton (Manlift)	Diesel	2	4	Cranes	250	0.29	6	5	2026	0.159776	1.605132	0.948492	0.003114	0.066772	0.06143	337.2922	0.013682	0.002736
33	P-05	Foundation Installation	Loader - 4-5 Yd	Diesel	1	8	Rubber Tired Loaders	230	0.36	6	5	2026	0.255668	1.952852	1.702465	0.007103	0.065571	0.060326	769.0052	0.031194	0.006239
34	P-05	Foundation Installation	D4 Type Dozer	Diesel	1	8	Rubber Tired Dozers	130	0.4	5	4	2026	0.397751	3.399042	3.278399	0.004467	0.201763	0.185622	484.2705	0.019644	0.003929
35	P-05	Foundation Installation	Excavator	Diesel	1	8	Excavators	250	0.38	6	5	2026	0.217813	1.537948	1.84158	0.008177	0.052095	0.047928	884.9688	0.035898	0.00718
36	P-05	Foundation Installation	Vibratory Roller	Diesel	1	8	Rollers	125	0.38	5	4	2026	0.101049	0.838012	2.438635	0.004082	0.037266	0.034284	441.8058	0.017922	0.003584
37	P-06	Structure Installation	Crane - 35 Ton (Manlift)	Diesel	2	5	Cranes	250	0.29	6	5	2026	0.639103	6.420526	3.793968	0.012458	0.267088	0.245721	1349.169	0.054728	0.010946
38	P-06	Structure Installation	Forklift - 25,000 lb	Diesel	1	5	Forklifts	175	0.2	6	5	2026	0.07294	0.543283	0.467804	0.001882	0.020738	0.019079	203.8008	0.008267	0.001653
39	P-06	Structure Installation	Crane - 200 Ton	Diesel	1	8	Cranes	275	0.29	6	5	2026	0.351507	3.531289	2.086681	0.006852	0.146898	0.135146	742.0429	0.030101	0.00602
40	P-07	Conductor Installation	Crane - 35 Ton (Manlift)	Diesel	1	8	Cranes	250	0.29	6	5	2026	0.319551	3.210263	1.896983	0.006229	0.133544	0.12286	674.5844	0.027364	0.005473
41	P-07	Conductor Installation	D8 Sag Dozer	Diesel	1	8	Rubber Tired Dozers	200	0.4	6	5	2026	0.672679	7.1692	5.034821	0.006877	0.31773	0.292311	745.6752	0.030248	0.00605
42	P-07	Conductor Installation	Wire Puller	Diesel	1	5	Other Construction Equipment	175	0.42	6	5	2026	0.165642	1.659343	1.11341	0.00396	0.066025	0.060743	428.804	0.017394	0.003479
43	P-07	Conductor Installation	Wire Trailer/ Tensioner	Diesel	1	5	Other Construction Equipment	175	0.42	6	5	2026	0.165642	1.659343	1.11341	0.00396	0.066025	0.060743	428.804	0.017394	0.003479
44	L-08	Access Road Construction	Motor Grader	Diesel	1	8	Graders	250	0.41	6	5	2026	0.239643	1.859945	2.163277	0.00881	0.128819	0.118531	953.9648	0.038691	0.007739
45	L-08	Access Road Construction	Skid steer loader	Diesel	1	8	Skid Steer Loaders	74	0.37	3	2	2026	0.064619	0.872717	1.566773	0.002359	0.024837	0.02285	255.2712	0.010355	0.002071
46	L-08	Access Road Construction	D6 Type Dozer	Diesel	1	8	Rubber Tired Dozers	250	0.4	6	5	2026	0.840849	8.9615	6.293526	0.008597	0.397162	0.365389	932.094	0.03781	0.007562
47	L-08	Access Road Construction	Excavator	Diesel	1	8	Excavators	250	0.38	6	5	2026	0.217813	1.537948	1.84158	0.008177	0.052095	0.047928	884.9688	0.035898	0.00718
48	L-09	Foundation Installation	Pressure Digger - Lo-Drill (T	Diesel	1	8	Bore/Drill Rigs	275	0.5	6	5	2026	0.282265	2.601523	2.573061	0.011773	0.085421	0.078587	1274.165	0.051686	0.010337
49	L-09	Foundation Installation	Skid steer loader	Diesel	1	8	Skid Steer Loaders	74	0.37	3	2	2026	0.064619	0.872717	1.566773	0.002359	0.024837	0.02285	255.2712	0.010355	0.002071
50	L-09	Foundation Installation	Forklift - 10 K Reach	Diesel	2	8	Forklifts	130	0.2	5	4	2026	0.17635	1.315811	2.896737	0.004468	0.066031	0.060748	483.7526	0.019623	0.003925
51	L-09	Foundation Installation	Crane - 35 Ton (Manlift)	Diesel	1	4	Cranes	250	0.29	6	5	2026	0.159776	1.605132	0.948492	0.003114	0.066772	0.06143	337.2922	0.013682	0.002736
52	L-09	Foundation Installation	844 Loader	Diesel	1	6	Rubber Tired Loaders	417	0.36	7	6	2026	0.49488	3.451053	3.269552	0.012893	0.128673	0.118379	1395.84	0.056621	0.011324
53	L-09	Foundation Installation	Rough Terrain Crane	Diesel	1	2	Cranes	185	0.29	6	5	2026	0.059117	0.593899	0.350942	0.001152	0.024706	0.022729	124.7981	0.005062	0.001012
54	L-10	Structure Installation	Crane - 35 Ton (Manlift)	Diesel	2	8	Cranes	250	0.29	6	5	2026	0.639103	6.420526	3.793968	0.012458	0.267088	0.245721	1349.169	0.054728	0.010946
55	L-10	Structure Installation	Forklift - 15,000 lb	Diesel	1	5	Forklifts	130	0.2	5	4	2026	0.055109	0.411191	0.90523	0.001396	0.026035	0.018984	151.1727	0.006132	0.001226
56	L-10	Structure Installation	Crane - 200 Ton	Diesel	1	8	Cranes	275	0.29	6	5	2026	0.351507	3.531289	2.086681	0.006852	0.146898	0.135146	742.0429	0.030101	0.00602
57	L-10	Structure Installation	844 Loader	Diesel	1	8	Rubber Tired Loaders	417	0.36	7	6	2026	0.49488	3.451053	3.269552	0.012893	0.128673	0.118379	1395.84	0.056621	0.011324
58	L-11	Conductor Installation	Crane - 35 Ton (Manlift)	Diesel	2	8	Cranes	250	0.29	6	5	2026	1.917309	19.26158	11.3819	0.037374	0.801263	0.737162	4047.506	0.164185	0.032837
59	L-11	Conductor Installation	D8 Sag Dozer	Diesel	3	8	Rubber Tired Dozers	200	0.4	6	5	2026	2.018038	21.5076	15.10448	0.020632	0.95315	0.876934	2237.026	0.090744	0.018149
60	L-11	Conductor Installation	Wire Puller	Diesel	1	5	Other Construction Equipment	175	0.42	6	5	2026	0.165642	1.659343	1.11341	0.00396	0.066025	0.060743	428.804	0.017394	0.003479
61	L-11	Conductor Installation	Wire Trailer/ Tensioner	Diesel	1	5	Other Construction Equipment	175	0.42	6	5	2026	0.165642	1.659343	1.11341	0.00396	0.066025	0.060743	428.804	0.017394	0.003479
62	L-14	Submarine Cable Installation	Water Pumps	Diesel	2	15	Pumps	325	0.74	2	6	2026	5.927833	54.51965	62.25392	0.116873	1.340894	1.233623	9040.66	0.366729	0.073346
63	L-14	Submarine Cable Installation	Deck Generator	Diesel	1	21	Generator Sets	170	0.74	2	4	2026	1.967761	19.70007	21.7313	0.042789	0.460897	0.424025	3309.958	0.134266	0.026853
64	L-14	Submarine Cable Installation	Deck Equipment	Diesel	1	21	Other Construction Equipment	100	0.42	5	3	2026	0.430662	3.802972	6.115159	0.009466	0.196542	0.180818	1025.007	0.041579	0.008316
65	L-14	Submarine Cable Installation	Anchor Winches	Diesel	2	12	Other Construction Equipment	225	0.42	6	5	2026	1.022249	10.24052	6.87133	0.024441	0.407466	0.374869	2646.333	0.107347	0.021469
66	L-14	Submarine Cable Installation	Deck Winch	Diesel	1	12	Other Construction Equipment	100	0.42	5	3	2026	0.246093	2.173127	3.494376	0.005409	0.11231	0.103325	585.7183	0.023759	0.004752
67	L-14	Submarine Cable Installation	Crane	Diesel	1	5	Cranes	180	0.29	6	5	2026	0.143798	1.444618	0.853642	0.002803	0.060095	0.055287	303.563	0.012314	0.002463
68	L-14	Submarine Cable Installation	Linear Cable Engine	Diesel	3	12	Other Construction Equipment	200	0.42	6	5	2026	1.362999	13.65403	9.161773	0.032588	0.543288	0.499825	3528.444	0.141129	0.028626
69	L-14	Submarine Cable Installation	Deck Generator - 100kW	Diesel	1	17	Generator Sets	100	0.74	2	3	2026	0.937029	9.380987	10.34824	0.020376	0.219475	0.201917	1576.171	0.063936	0.012787
70	L-14	Submarine Cable Installation	Deck Equipment	Diesel	1	6	Other Construction Equipment	100	0.42	5	3	2026	0.123048	1.086563	1.747188	0.002705	0.056155	0.051662	292.8592	0.01188	0.002376
71	L-14	Submarine Cable Installation	Crane	Diesel	1	2	Cranes	180	0.29	6	5	2026	0.057519	0.577847	0.341457	0.001121	0.024038	0.022115	121.4252	0.004928	0.000985
72	L-14	Submarine Cable Installation	Dive Compressor	Diesel	1	2	Air Compressors	50	0.48	2	2	2026	0.054193	0.385788	0.510282	0.000777	0.010429	0.009595	60.13709	0.002435	0.000488
73	L-14	Submarine Cable Installation	Deck Generator	Diesel	1	12	Generator Sets	170	0.74	2	4	2026	1.124435	11.25718	12.41788	0.024451	0.26317	0.2423	1891.405	0.076724	0.015345
74	L-14	Submarine Cable Installation	Deck Generator - 100kW	Diesel	1	22	Generator Sets	100	0.74	2	3	2026	1.212626	12.1401	13.39184	0.026369	0.284026	0.261304	2039.75	0.082741	0.016548
75	L-14	Submarine Cable Installation	Pull In Winch	Diesel	1	11	Other Construction Equipment	225	0.42	6	5	2026	0.468531	4.693571	3.14936	0.011202	0.186755	0.171815	1212.903	0.049201	0.00984
76	L-15	Southern Transition Approach Construction	Pull In Winch	Diesel	0	0	Other Construction Equipment	225	0.42	6	5	2026	0	0	0	0	0	0	0	0	0
77	L-15	Southern Transition Approach Construction	Onshore Crane	Diesel	1	8	Cranes	180	0.29	6	5	2026	0.230077	2.311389	1.365828	0.004485	0.096152	0.088459	485.7008	0.019702	0.00394
78	L-15	Southern Transition Approach Construction	Crane - 200 ton	Diesel	1	6	Cranes	275	0.29	6	5	2026	0.26363	2.648467	1.565011	0.005139	0.110174	0.10136	556.5321	0.022575	0.004515
79	L-15	Southern Transition Approach Construction	Onshore Vibratory Hamme	Diesel	1	8	Other Construction Equipment	300	0.42	7	6	2026	0.330614	2.840326	2.752558	0.010851	0.107296	0.098712	1174.51	0.047643	0.009529
80	L-15	Southern Transition Approach Construction	Air Compressor	Diesel	1	8	Air Compressors	50	0.48	2	2	2026	0.216772	1.543152	2.041128	0.00311	0.041718	0.03838	240.5483	0.009758	0.001952
81	L-15	Southern Transition Approach Construction	Onshore Dewatering Equip	Diesel	2	8	Other Construction Equipment	50	0.42	3	2	2026	0.850721	7.275992	3.51186	0.003559	0.559689	0.514914	387.1762	0.015706	0.003141
82	L-16	Substation Getaways	Generator – 25 kw	Diesel	2	8	Generator Sets	36	0.74	2	1	2026	0.317487	3.178499	3.506226	0.006904	0.074363	0.068414	534.0437	0.021663	0.004333
83	L-16	Substation Getaways	Crane - 35 Ton (Manlift)	Diesel	2	5	Cranes	250	0.29	6	5	2026	0.399439	4.012829	2.371229	0.007786	0.16693	0.153575	843.2305	0.034205	0.006841
84	L-16	Substation Getaways	Forklift - 10 K Reach	Diesel	2	4	Forklifts	130	0.2	5	4	2026	0.088175	0.657906	1.448369	0.002234	0.033015	0.030374	241.8763	0.009812	0.001962
85	L-16	Substation Getaways	Forklift -15,000 lb	Diesel	1	4	Forklifts	130	0.2	5	4	2026	0.044087	0.328953	0.724184	0.001117	0.016508	0.015187	120.9381	0.004908	0.000981
86	L-16	Substation Getaways	Loader - 4-5 Yd	Diesel	2	5	Rubber Tired Loaders	74	0.36	3	2	2026	1.145721	9.073461	3.714154	0.002839	0.665249	0.612029	310.1138	0.01258	0.002516
87	L-16	Substation Getaways	Wire Trailer/ Tensioner	Diesel	1	5	Other Construction Equipment	175	0.42	6	5	2026	0.165642	1.659343	1.11341	0.00396	0.066025	0.060743	428.804	0.017394	0.003479
88	L-16	Substation Getaways	Wire Puller	Diesel	1	5	Other Construction Equipment	175	0.42	6	5	2026	0.165642	1.659343	1.11341	0.00396	0.066025	0.060743	428.804	0.017394	0.003479
89	L-16	Substation Getaways	Skid steer loader	Diesel	2	8	Skid Steer Loaders	74	0.37	3	2	2026	0.129237	1.745434	3.133548	0.004717	0.049673	0.045699	510.5425	0.02071	0.004142
90	L-16	Substation Getaways	Backhoe - 2X4	Diesel	2	8	Excavators	68	0.38	3	2	2026	0.497255	3.656965	2.867659	0.003362	0.378505	0.348224	364.97	0.014805	0.002961
91	P-17	Distribution Extension to Substation	Wire Trailer/ Tensioner	Diesel	1	5	Other Construction Equipment	175	0.42	6	5	2026	0.165642	1.659343	1.11341	0.00396	0.066025	0.060743	428.804	0.017394	0.003479
92	P-17	Distribution Extension to Substation	Wire Puller	Diesel	1	5	Other Construction Equipment	175	0.42	6	5	2026	0.165642	1.659343	1.11341	0.00396	0.066025	0.060743	428.804	0.017394	0.003479
93	P-17	Distribution Extension to Substation	Crane - 35 Ton (Manlift)	Diesel	2	8	Cranes	250	0.29	6	5	2026	0.639103	6.420526	3.793968	0.012458	0.267088	0.245721	1349.169	0.054728	0.010946
94	P-17	Distribution Extension to Substation	Forklift - 15 K Reach	Diesel	2	6	Forklifts	130	0.2	5	4	2026	0.132262	0.986858	2.172553	0.003351	0.049523	0.045561	362.8144	0.014717	0.002943
95	P-17	Distribution Extension to Substation	Pressure Digger - Lo-Drill (T	Diesel	1	8	Bore/Drill Rigs	275	0.5	6	5	2026	0.282265	2.601523	2.573061	0.011773	0.085421	0.078587	1274.165	0.051686	0.010337
96	P-17	Distribution Extension to Substation	Skid steer loader	Diesel	2	8	Skid Steer Loaders	74	0.37	3	2	2026	0.129237	1.745434	3.133548	0.004717	0.049673	0.045699	510.5425	0.02071	0.004142
97	P-17	Distribution Extension to Substation	Backhoe - 2X4	Diesel	1	8	Excavators	68	0.38	3	2	2026	0.331504	2.437977	1.911772	0.002241	0.252336	0.232149	243.3133	0.00987	0.001974
98	L-18	Fiber Extension to Substation	Crane - 35 Ton (Manlift)	Diesel	2	8	Cranes	250	0.29	6	5	2026	0.639103	6.420526	3.793968	0.012458	0.267088	0.245721	1349.169	0.054728	0.010946
99	L-18	Fiber Extension to Substation	Forklift - 10 K Reach	Diesel	1	5	Forklifts	130	0.2	5	4	2026	0.055109	0.411191	0.90523	0.001396	0.026035	0.018984	151.1727	0.006132	0.001226
100	L-18	Fiber Extension to Substation	Excavator - Mini	Diesel	2	5	Excavators	70	0.38	3	2	2026	0.426567	3.137103	2.460001	0.002884	0.324697	0.298722	313.087	0.0127	0.00254
101	L-18	Fiber Extension to Substation	Skid steer loader	Diesel	2	8	Skid Steer Loaders	74	0.37	3	2	2026	0.129237	1.745434	3.133548	0.004717	0.049673	0.045699	510.5425	0.02071	0.004142
102	L-18	Fiber Extension to Substation	Trencher	Diesel	1	8	Trenchers	75	0.5	4	3	2026	0.24988	2.465464	2.392455	0.003231	0.153191	0.140935	350.1083	0.014202	0.00284
103	L-18	Fiber Extension to Substation	Wire Trailer/ Tensioner	Diesel	1	5	Other Construction Equipment	175	0.42	6	5	2026	0.165642	1.659343	1.11341	0.00396	0.066025	0.060743	428.804	0.017394	0.003479
104	L-18	Fiber Extension to Substation	Wire Puller	Diesel	1	5	Other Construction Equipment	175	0.42	6	5	2026	0.165642	1.659343	1.11341	0.00396	0.066025	0.060743	428.804	0.017394	0.003479
105	P-19	Pittsburg Substation Upgrades	Crane - 35 Ton (Manlift)	Diesel	1	5	Cranes	250	0.29	6	5	2026	0.19972	2.006414	1.185614	0.003893	0.083465	0.076788	421.6153	0.017103	0.003421
106	P-19	Pittsburg Substation Upgrades	Forklift -15,000 lb	Diesel	1	4	Forklifts	130	0.2	5	4	2026	0.088175	0.657906	1.448369	0.002234	0.033015	0.030374	241.8763	0.009812	0.001962
107	P-19	Pittsburg Substation Upgrades	120' Manlift	Diesel	2	7	Aerial Lifts	74	0.31	3	2	2026	0.072721	1.099747	2.238915	0.003454	0.021631	0.0199	373.7517	0.015161	0.003032

Table 20: Off-Road Uncontrolled Emissions (tons)

Count	Activity Index	Days Used	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
1	L-02	76	0.019431	0.148417	0.129387	0.000539866	0.004983	0.004585	58.4444	0.002371	0.000474152
2	L-02	76	0.030099	0.291117	0.164409	0.000669564	0.00979	0.009007	72.50133	0.002941	0.000588194
3	L-02	76	0.103437	0.91832	0.812015	0.002577072	0.035813	0.032948	279.0155	0.011318	0.002263618
4	L-02	76	0.009646	0.079993	0.232782	0.000389671	0.003557	0.003273	42.17301	0.001711	0.000342144
5	L-02	76	0.012065	0.120783	0.133237	0.000262346	0.002826	0.0026	20.29366	0.000823	0.00016464
6	L-02	76	0.010052	0.075001	0.165114	0.000254685	0.003764	0.003463	27.5739	0.001119	0.000223704
7	L-02	76	0.014104	0.098355	0.093182	0.000136745	0.003667	0.003374	39.78145	0.001614	0.000322742
8	L-03	152	0.016189	0.111112	0.337918	0.000536562	0.005352	0.004924	58.07841	0.002356	0.000471183
9	L-03	152	0.020104	0.150002	0.330228	0.00050917	0.007527	0.006925	55.14779	0.002237	0.000447407
10	L-03	152	0.037791	0.277929	0.217942	0.000255512	0.028766	0.026465	27.73772	0.001125	0.000225033
11	L-03	152	0.01621	0.1921	0.09348	0.000105995	0.012339	0.011351	11.89731	0.000483	9.65214E-05
12	L-03	152

Count	Activity Index	Activity Name	Equipment Name	Fuel Type	Quantity	Hours Per Day	CalEEModType	HP	LF	CalEEMod Bin	Tier Bin	Year	ROG	NOX	CO	SOZ	PM10	PM2.5	CO2	CH4	N2O
108	P-19	Pittsburg Substation Upgrades	Excavator	Diesel	1	6	Excavators	108	0.38	5	3	2026	0.079879	0.548249	1.667361	0.002648	0.026408	0.024295	286.5711	0.011625	0.002325
109	P-19	Pittsburg Substation Upgrades	Excavator - Mini	Diesel	2	5	Excavators	70	0.38	3	2	2026	0.426567	3.137103	2.460001	0.002884	0.324697	0.298722	313.087	0.0127	0.00254
110	P-19	Pittsburg Substation Upgrades	Generator – 25 kw	Diesel	1	8	Generator Sets	36	0.74	2	1	2026	0.158744	1.58925	1.753113	0.003452	0.037182	0.034207	267.0218	0.010832	0.002166
111	P-19	Pittsburg Substation Upgrades	Loader - 4-5 Yd	Diesel	1	8	Rubber Tired Loaders	230	0.36	6	5	2026	0.191751	1.464639	1.276848	0.005328	0.049179	0.045244	576.7539	0.023396	0.004679
112	P-19	Pittsburg Substation Upgrades	Pressure Digger - Lo-Drill (T	Diesel	1	8	Bore/Drill Rigs	275	0.5	6	5	2026	0.282265	2.601523	2.573061	0.011773	0.085421	0.078587	1274.165	0.051686	0.010337
113	P-19	Pittsburg Substation Upgrades	Excavator	Diesel	1	8	Excavators	275	0.38	6	5	2026	0.239595	1.691742	2.025738	0.008994	0.057305	0.05272	973.4656	0.039488	0.007898
114	P-19	Pittsburg Substation Upgrades	Skid steer loader	Diesel	2	8	Skid Steer Loaders	74	0.37	3	2	2026	0.129237	1.745434	3.133546	0.004717	0.049673	0.045699	510.5425	0.02071	0.004142
115	L-20	Commissioning and Testing	Manlift - 40'	Diesel	3	8	Aerial Lifts	49	0.31	2	1	2026	0.122547	2.3097	2.471766	0.004358	0.016639	0.015308	471.7014	0.019134	0.003827
116	L-20	Commissioning and Testing	Deck Generator	Diesel	0	0	Generator Sets	170	0.74	2	4	2026	0	0	0	0	0	0	0	0	0
117	L-20	Commissioning and Testing	Crane - 35 Ton (Manlift)	Diesel	2	8	Cranes	250	0.29	6	5	2026	0.639103	6.420526	3.793966	0.012458	0.267088	0.245721	1349.169	0.054728	0.010946
118	L-21	Cleanup and Restoration	Motor Grader	Diesel	2	8	Graders	250	0.41	6	5	2026	0.792091	7.660972	4.326554	0.01762	0.25763	0.237019	1907.93	0.077394	0.015479
119	L-21	Cleanup and Restoration	Backhoe - 2X4	Diesel	2	8	Excavators	68	0.38	3	2	2026	0.663007	4.875954	3.823545	0.004483	0.504673	0.464299	486.6267	0.01974	0.003948
120	L-21	Cleanup and Restoration	Skid steer loader	Diesel	1	8	Skid Steer Loaders	74	0.37	3	2	2026	0.064619	0.872717	1.566773	0.002359	0.024837	0.02285	255.2712	0.010359	0.002071
121	L-21	Cleanup and Restoration	Excavator	Diesel	1	8	Excavators	250	0.38	6	5	2026	0.217813	1.537948	1.84158	0.008177	0.052095	0.047928	884.9688	0.03589	0.00718
122	L-21	Cleanup and Restoration	D6 Type Dozer	Diesel	1	8	Rubber Tired Dozers	250	0.4	6	5	2026	0.840849	8.9615	6.293526	0.008597	0.397162	0.365389	932.094	0.03781	0.007562
123	P-22	Foundation Installation	Pressure Digger - Lo-Drill (T	Diesel	1	8	Bore/Drill Rigs	275	0.5	6	5	2026	0.282265	2.601523	2.573061	0.011773	0.085421	0.078587	1274.165	0.051686	0.010337
124	P-22	Foundation Installation	Skid steer loader	Diesel	1	4	Skid Steer Loaders	74	0.37	3	2	2026	0.032309	0.436359	0.783387	0.001179	0.012418	0.011425	127.6356	0.005177	0.001035
125	P-23	Structure and Conductor Installation	Crane - 35 Ton (Manlift)	Diesel	1	8	Cranes	250	0.29	6	5	2026	0.319551	3.210263	1.896983	0.006229	0.133544	0.12286	674.5844	0.027364	0.005473
126	P-23	Structure and Conductor Installation	Crane - 200 Ton	Diesel	1	8	Cranes	275	0.29	6	5	2026	0.351507	3.531289	2.086681	0.006852	0.146898	0.135146	742.0429	0.030101	0.00602
127	P-23	Structure and Conductor Installation	D8 Sag Dozer	Diesel	1	4	Rubber Tired Dozers	200	0.4	6	5	2026	0.33634	3.5846	2.51741	0.003439	0.158865	0.146156	372.8376	0.015124	0.003025
128	P-23	Structure and Conductor Installation	Wire Puller	Diesel	1	4	Other Construction Equipment	175	0.42	6	5	2026	0.132514	1.327475	0.890728	0.003168	0.05282	0.048594	343.0432	0.013915	0.002783
129	P-23	Structure and Conductor Installation	Wire Trailer/ Tensioner	Diesel	1	4	Other Construction Equipment	175	0.42	6	5	2026	0.132514	1.327475	0.890728	0.003168	0.05282	0.048594	343.0432	0.013915	0.002783
130	L-24	Northern Transition Approach Construction	Onshore Excavator	Diesel	1	8	Excavators	600	0.38	8	7	2026	0.658946	5.713076	5.174772	0.019715	0.202143	0.185972	2134.197	0.086572	0.017314
131	L-24	Northern Transition Approach Construction	Onshore End Loader	Diesel	1	8	Tractors/Loaders/Backhoes	250	0.37	6	5	2026	0.258677	2.081633	1.98969	0.007951	0.08136	0.074852	860.7154	0.034914	0.006983
132	L-24	Northern Transition Approach Construction	Onshore Crane	Diesel	1	8	Cranes	180	0.29	6	5	2026	0.230077	2.311389	1.365828	0.004485	0.096152	0.088459	485.7008	0.019702	0.00394
133	L-24	Northern Transition Approach Construction	Air Compressor	Diesel	1	8	Air Compressors	50	0.48	2	2	2026	0.216772	1.543152	2.041128	0.00311	0.041718	0.03838	240.5483	0.009758	0.001952
134	L-24	Northern Transition Approach Construction	Onshore Dewatering Equip	Diesel	2	8	Other Construction Equipment	50	0.42	3	2	2026	0.850721	7.275992	3.51186	0.003559	0.559689	0.514914	387.1762	0.015706	0.003141
135	P-25	Tesla Substation Upgrades	Crane – 35 Ton (Manlift)	Diesel	2	5	Cranes	250	0.29	6	5	2026	0.399439	4.012829	2.371229	0.007786	0.16693	0.153575	843.2305	0.034205	0.006841
136	P-25	Tesla Substation Upgrades	Forklift -15,000 lb	Diesel	1	4	Forklifts	130	0.2	5	4	2026	0.044087	0.328953	0.724184	0.001117	0.016508	0.015187	120.9381	0.004906	0.000981
137	P-25	Tesla Substation Upgrades	Manlift - 40'	Diesel	3	5	Aerial Lifts	49	0.31	2	1	2026	0.076592	1.443562	1.544854	0.002724	0.0104	0.009568	294.8133	0.011959	0.002392
138	P-25	Tesla Substation Upgrades	Excavator	Diesel	1	8	Excavators	108	0.38	5	3	2026	0.106506	0.730999	2.223148	0.00353	0.03521	0.032394	382.0948	0.015499	0.0031
139	P-25	Tesla Substation Upgrades	Generator – 25 kw	Diesel	1	8	Generator Sets	36	0.74	2	1	2026	0.158744	1.58925	1.753113	0.003452	0.037182	0.034207	267.0218	0.010832	0.002166
140	P-25	Tesla Substation Upgrades	Skid steer loader	Diesel	1	8	Skid Steer Loaders	74	0.37	3	2	2026	0.064619	0.872717	1.566773	0.002359	0.024837	0.02285	255.2712	0.010359	0.002071
141	P-26	Vaca Dixon Substation Upgrades	Crane – 35 Ton (Manlift)	Diesel	2	5	Cranes	250	0.29	6	5	2026	0.399439	4.012829	2.371229	0.007786	0.16693	0.153575	843.2305	0.034205	0.006841
142	P-26	Vaca Dixon Substation Upgrades	Forklift -15,000 lb	Diesel	1	4	Forklifts	130	0.2	5	4	2026	0.044087	0.328953	0.724184	0.001117	0.016508	0.015187	120.9381	0.004906	0.000981
143	P-26	Vaca Dixon Substation Upgrades	Manlift - 40'	Diesel	3	5	Aerial Lifts	49	0.31	2	1	2026	0.076592	1.443562	1.544854	0.002724	0.0104	0.009568	294.8133	0.011959	0.002392
144	P-26	Vaca Dixon Substation Upgrades	Excavator	Diesel	1	8	Excavators	108	0.38	5	3	2026	0.106506	0.730999	2.223148	0.00353	0.03521	0.032394	382.0948	0.015499	0.0031
145	P-26	Vaca Dixon Substation Upgrades	Generator – 25 kw	Diesel	1	8	Generator Sets	36	0.74	2	1	2026	0.158744	1.58925	1.753113	0.003452	0.037182	0.034207	267.0218	0.010832	0.002166
146	P-26	Vaca Dixon Substation Upgrades	Skid steer loader	Diesel	1	8	Skid Steer Loaders	74	0.37	3	2	2026	0.064619	0.872717	1.566773	0.002359	0.024837	0.02285	255.2712	0.010359	0.002071
147	P-27	PG&E IT Work	Crane - 35 Ton (Manlift)	Diesel	1	5	Cranes	250	0.29	6	5	2026	0.19972	2.006414	1.185614	0.003893	0.083465	0.076788	421.6153	0.017103	0.003421
148	P-27	PG&E IT Work	Forklift -15,000 lb	Diesel	2	4	Forklifts	130	0.2	5	4	2026	0.088175	0.657906	1.448369	0.002234	0.033015	0.030374	241.8763	0.009812	0.001962
149	P-27	PG&E IT Work	120' Manlift	Diesel	1	7	Aerial Lifts	74	0.31	3	2	2026	0.03636	0.549874	1.119457	0.001727	0.010815	0.00995	186.8758	0.007581	0.001516
150	P-27	PG&E IT Work	Excavator	Diesel	1	6	Excavators	108	0.38	5	3	2026	0.079879	0.548249	1.667361	0.002648	0.026408	0.024295	286.5711	0.011625	0.002325
151	P-27	PG&E IT Work	Excavator - Mini	Diesel	2	5	Excavators	70	0.38	3	2	2026	0.426567	3.137103	2.460001	0.002884	0.324697	0.298722	313.087	0.0127	0.00254
152	P-27	PG&E IT Work	Generator – 25 kw	Diesel	1	8	Generator Sets	36	0.74	2	1	2026	0.158744	1.58925	1.753113	0.003452	0.037182	0.034207	267.0218	0.010832	0.002166
153	P-27	PG&E IT Work	Loader - 4-5 Yd	Diesel	1	6	Rubber Tired Loaders	230	0.36	6	5	2026	0.191751	1.464639	1.276848	0.005328	0.049179	0.045244	576.7539	0.023396	0.004679
154	P-27	PG&E IT Work	Pressure Digger - Lo-Drill (T	Diesel	1	8	Bore/Drill Rigs	275	0.5	6	5	2026	0.282265	2.601523	2.573061	0.011773	0.085421	0.078587	1274.165	0.051686	0.010337
155	P-27	PG&E IT Work	Excavator	Diesel	1	8	Excavators	275	0.38	6	5	2026	0.239595	1.691742	2.025738	0.008994	0.057305	0.05272	973.4656	0.039488	0.007898
156	P-27	PG&E IT Work	Skid steer loader	Diesel	2	8	Skid Steer Loaders	74	0.37	3	2	2026	0.129237	1.745434	3.133546	0.004717	0.049673	0.045699	510.5425	0.02071	0.004142

Count	Activity Index	Days Used	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
108	P-19	144	0.005751	0.039474	0.12005	0.000190621	0.001901	0.001749	20.63312	0.000837	0.000167394
109	P-19	144	0.030713	0.225871	0.17712	0.000207653	0.023378	0.021508	22.54226	0.000914	0.000182883
110	P-19	144	0.01143	0.114426	0.126224	0.000248539	0.002677	0.002463	19.22557	0.00078	0.000155975
111	P-19	144	0.013806	0.105454	0.091933	0.000183589	0.003541	0.003258	41.52628	0.001684	0.000336898
112	P-19	144	0.020323	0.18731	0.18526	0.000847677	0.00615	0.005658	91.73986	0.003721	0.000744274
113	P-19	144	0.017251	0.121805	0.145853	0.000647585	0.004126	0.003796	70.08953	0.002843	0.000568628
114	P-19	144	0.009305	0.125671	0.225615	0.000339625	0.003576	0.00329	36.75906	0.001491	0.000298222
115	L-20	174	0.010662	0.200944	0.215044	0.000379152	0.001448	0.001332	41.03802	0.001665	0.000332936
116	L-20	174	0	0	0	0	0	0	0	0	0
117	L-20	174	0.055602	0.558586	0.330075	0.001083836	0.023237	0.021378	117.3777	0.004761	0.00095227
118	L-21	140	0.055446	0.536268	0.302859	0.001233408	0.018034	0.016591	133.5551	0.005418	0.001083516
119	L-21	140	0.046411	0.341117	0.267648	0.000313787	0.035317	0.032501	34.06387	0.001382	0.000276356
120	L-21	140	0.004523	0.06109	0.109674	0.000169095	0.001739	0.001599	17.86899	0.000725	0.000144969
121	L-21	140	0.015247	0.107656	0.128911	0.00057236	0.003647	0.003355	61.94781	0.002513	0.000502575
122	L-21	140	0.058859	0.627305	0.440547	0.000601778	0.027801	0.025577	65.24658	0.002647	0.000529337
123	P-22	36	0.005081	0.046827	0.046315	0.000211919	0.001538	0.001415	22.93497	0.00093	0.000186069
124	P-22	36	0.000485	0.006545	0.011751	1.76888E-05	0.000186	0.000171	1.914534	7.77E-05	1.55324E-05
125	P-23	36	0.005752	0.057785	0.034146	0.000112121	0.002404	0.002211	12.14252	0.000493	9.85107E-05
126	P-23	36	0.006327	0.063563	0.03756	0.000123333	0.002644	0.002433	13.35677	0.000542	0.000108362
127	P-23	3	0.000505	0.005377	0.003776	5.15809E-06	0.000238	0.000219	0.559256	2.27E-05	4.53718E-06
128	P-23	36	0.002385	0.023895	0.016033	5.70297E-05	0.000951	0.000875	6.174777	0.00025	5.00952E-05
129	P-23	36	0.002385	0.023895	0.016033	5.70297E-05	0.000951	0.000875	6.174777	0.00025	5.00952E-05
130	L-24	138	0.045467	0.394202	0.357059	0.001360161	0.013948	0.012832	147.2596	0.005973	0.001194699
131	L-24	138	0.017849	0.143633	0.137289	0.000548642	0.005614	0.005165	59.38936	0.002409	0.000481818
132	L-24	138	0.015875	0.159486	0.094242	0.000309454	0.006634	0.006104	33.51335	0.001359	0.00027189
133	L-24	138	0.014957	0.106477	0.140838	0.000214569	0.002879	0.002648	16.59784	0.000673	0.000134656
134	L-24	138	0.0587	0.502043	0.242318	0.00024554	0.038619	0.035529	26.71516	0.001084	0.000216737
135	P-25	72	0.01438	0.144462	0.085364	0.000280303	0.006009	0.005529	30.3563	0.001231	0.000246277
136	P-25	72	0.001587	0.011842	0.026071	4.02134E-05	0.000594	0.000547	4.353773	0.000177	3.53216E-05
137	P-25	72	0.002757	0.051968	0.059615	9.80567E-05	0.000374	0.000344	10.61328	0.000431	8.61042E-05
138	P-25	72	0.003834	0.026316	0.080033	0.000127081	0.001268	0.001166	13.75541	0.000558	0.000111596
139	P-25	144	0.01143	0.114426	0.126224	0.000248539	0.002677	0.002463	19.22557	0.00078	0.000155975
140	P-25	72	0.002326	0.031418	0.056404	8.49063E-05	0.000894	0.000823	9.189764	0.000373	7.45554E-05
141	P-26	132	0.026363	0.264847	0.156501	0.000513888	0.011017	0.010136	55.65321	0.002258	0.000451508
142	P-26	132	0.00291	0.021711	0.047796	7.37246E-05	0.00109	0.001002	7.981918	0.000324	6.47563E-05
143	P-26	132	0.005055	0.095275	0.10196	0.000179771	0.000686	0.000631	19.45768	0.000789	0.000157858
144	P-26	132	0.007029	0.048246	0.146728	0.000232981	0.002324	0.002138	25.21826	0.001023	0.000204593
145	P-26	224	0.017779	0.177998	0.196349	0.000386616	0.004164	0.003831	29.90645	0.001213	0.000242627
146	P-26	132	0.004265	0.057599	0.103407	0.000155661	0.001639	0.001508	16.8479	0.000683	0.000136685
147	P-27	150	0.014979	0.150481	0.088921	0.000291982	0.00626	0.005759	31.62114	0.001283	0.000256538
148	P-27	150	0.006613	0.049343	0.108628	0.000167556	0.002476	0.002278	18.14072	0.000736	0.000147173
149	P-27	150	0.002727	0.041241	0.083959	0.000129514	0.000811	0.000746	14.01569	0.000569	0.000113708
150	P-27	150	0.005991	0.041119	0.125052	0.000198563	0.001981	0.001822	21.49283	0.000872	0.000174369
151	P-27	150	0.031993	0.235283	0.1845	0.000216305	0.024352	0.022404	23.48153	0.000953	0.000190503
152	P-27	202	0.016033	0.160514	0.177064	0.000348645	0.003755	0.003459	26.96921	0.001094	0.000218798
153	P-27	150	0.014381	0.109848	0.095764	0.000399572	0.003688	0.003393	43.25654	0.001755	0.000350935
154	P-27	150	0.02117	0.195114	0.19298	0.000882997	0.005847	0.005894	95.56236	0.003876	0.000775285
155	P-27	150	0.01797	0.126881	0.15193	0.000674567	0.004298	0.003954	73.00992	0.002962	0.00059232
156	P-27	150	0.009693	0.130908	0.235016	0.000353776	0.003725	0.003427	38.29069	0.001553	0.000310648

Table 21: Off-Road Controlled Daily Emissions (pounds/day)

Count	Activity Index	Activity Name	Equipment Name	Fuel Type	Quantity	Hours Per Day	CalEEModType	HP	LF	CalEEMod Bin	Tier Bin Name	Year	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
1	L-02	Site Development/Staging Yards	Loader - 4-5 Yd	Diesel	2	8	Rubber Tired Loaders	230	0.36	6	Tier 4 Final_5	2026	0.146034	0.759377	7.593769	0.014207	0.029207	0.029207	1538.01	0.062388	0.012478
2	L-02	Site Development/Staging Yards	Motor Grader	Diesel	2	8	Graders	250	0.41	6	Tier 4 Final_5	2026	0.180779	0.94005	9.400499	0.01762	0.036156	0.036156	1907.93	0.077394	0.015479
3	L-02	Site Development/Staging Yards	Scraper	Diesel	4	8	Scrapers	410	0.48	7	Tier 4 Final_6	2026	0.694191	3.609792	36.09792	0.067818	0.138838	0.138838	7342.513	0.297844	0.059569
4	L-02	Site Development/Staging Yards	Vibratory Roller	Diesel	2	8	Rollers	157	0.38	5	Tier 4 Final_4	2026	0.105222	0.547155	7.786436	0.010255	0.021044	0.021044	1109.816	0.045019	0.009004
5	L-02	Site Development/Staging Yards	Generator – 25 Kw	Diesel	2	8	Generator Sets	36	0.74	2	Tier 4 Final_1	2026	0.317487	3.178499	3.506226	0.006904	0.074363	0.068414	534.0437	0.021663	0.004333
6	L-02	Site Development/Staging Yards	Forklift - 15,000 lb	Diesel	4	6	Forklifts	130	0.2	5	Tier 4 Final_4	2026	0.068784	0.357678	5.090027	0.006702	0.013757	0.013757	725.6289	0.029435	0.005887
7	L-02	Site Development/Staging Yards	844 Loader	Diesel	1	6	Rubber Tired Loaders	417	0.36	7	Tier 4 Final_6	2026	0.099287	0.516294	5.162938	0.00967	0.019857	0.019857	1046.88	0.042466	0.008493
8	L-03	Below-Grade Construction	Excavator	Diesel	2	8	Excavators	108	0.38	5	Tier 4 Final_3	2026	0.072382	0.376387	5.356274	0.00706	0.014476	0.014476	764.1896	0.030999	0.0062
9	L-03	Below-Grade Construction	Forklift - 15 K Reach	Diesel	1	8	Forklifts	130	0.2	5	Tier 4 Final_4	2026	0.068784	0.357678	5.090027	0.006702	0.013757	0.013757	725.6289	0.029435	0.005887
10	L-03	Below-Grade Construction	Backhoe - 2X4	Diesel	2	6	Excavators	68	0.38	3	Tier 4 Final_2	2026	0.497255	3.656965	2.867659	0.003362	0.378505	0.348224	364.97	0.014805	0.002961
11	L-03	Below-Grade Construction	Excavator - Mini	Diesel	1	5	Excavators	70	0.38	3	Tier 4 Final_2	2026	0.213284	1.568551	1.230001	0.001442	0.162349	0.149361	156.5435	0.00635	0.00127
12	L-03	Below-Grade Construction	Generator – 25 Kw	Diesel	1	8	Generator Sets	36	0.74	2	Tier 4 Final_1	2026	0.158744	1.58925	1.753113	0.003452	0.037182	0.034207	267.0218	0.010832	0.002166
13	L-03	Below-Grade Construction	Loader - 4-5 Yd	Diesel	2	8	Rubber Tired Loaders	230	0.36	6	Tier 4 Final_5	2026	0.146034	0.759377	7.593769	0.014207	0.029207	0.029207	1538.01	0.062388	0.012478
14	L-03	Below-Grade Construction	Pressure Digger - Lo-Drill (T	Diesel	1	8	Bore/Drill Rigs	275	0.5	6	Tier 4 Final_5	2026	0.121254	0.630521	6.305213	0.011773	0.024251	0.024251	1274.165	0.051686	0.010337
15	L-03	Below-Grade Construction	Excavator	Diesel	2	8	Excavators	275	0.38	6	Tier 4 Final_5	2026	0.092153	0.479196	4.791962	0.008994	0.018431	0.018431	973.4656	0.039488	0.007898
16	L-03	Below-Grade Construction	Trencher	Diesel	2	8	Trenchers	75	0.5	4	Tier 4 Final_3	2026	0.312351	3.08183	2.990568	0.004038	0.191488	0.176169	437.6353	0.017752	0.00355
17	L-03	Below-Grade Construction	Skid steer loader	Diesel	2	8	Skid Steer Loaders	74	0.37	3	Tier 4 Final_2	2026	0.129237	1.745434	3.133546	0.004717	0.049673	0.045699	510.5425	0.02071	0.004142
18	L-03	Below-Grade Construction	Wire Trailer/ Tensioner	Diesel	1	5	Other Construction Equipment	175	0.42	6	Tier 4 Final_5	2026	0.04051	0.210651	2.106514	0.00396	0.008102	0.008102	428.804	0.017394	0.003479
19	L-03	Below-Grade Construction	Wire Puller	Diesel	1	5	Other Construction Equipment	175	0.42	6	Tier 4 Final_5	2026	0.04051	0.210651	2.106514	0.00396	0.008102	0.008102	428.804	0.017394	0.003479
20	L-04	Above-Grade Construction	Wire Trailer/ Tensioner	Diesel	1	5	Other Construction Equipment	175	0.42	6	Tier 4 Final_5	2026	0.04051	0.210651	2.106514	0.00396	0.008102	0.008102	428.804	0.017394	0.003479
21	L-04	Above-Grade Construction	Wire Puller	Diesel	1	5	Other Construction Equipment	175	0.42	6	Tier 4 Final_5	2026	0.04051	0.210651	2.106514	0.00396	0.008102	0.008102	428.804	0.017394	0.003479
22	L-04	Above-Grade Construction	Crane - 200 Ton	Diesel	1	4	Cranes	275	0.29	6	Tier 4 Final_5	2026	0.035164	0.182851	1.828512	0.003426	0.007033	0.007033	371.0214	0.01505	0.00301
23	L-04	Above-Grade Construction	Generator – 25 Kw	Diesel	2	8	Generator Sets	36	0.74	2	Tier 4 Final_1	2026	0.317487	3.178499	3.506226	0.006904	0.074363	0.068414	534.0437	0.021663	0.004333
24	L-04	Above-Grade Construction	Crane - 35 Ton (Manlift)	Diesel	2	5	Cranes	250	0.29	6	Tier 4 Final_5	2026	0.079917	0.415571	4.155709	0.007786	0.015983	0.015983	843.2305	0.034205	0.006841
25	L-04	Above-Grade Construction	Forklift - 10 K Reach	Diesel	2	4	Forklifts	130	0.2	5	Tier 4 Final_4	2026	0.022928	0.119226	1.696676	0.002234	0.004586	0.004586	241.8763	0.009812	0.001962
26	L-04	Above-Grade Construction	Forklift -15,000 lb	Diesel	1	4	Forklifts	130	0.2	5	Tier 4 Final_4	2026	0.011464	0.059613	0.848338	0.001117	0.002293	0.002293	120.9381	0.004906	0.000981
27	L-04	Above-Grade Construction	Loader - 4-5 Yd	Diesel	2	5	Rubber Tired Loaders	74	0.36	3	Tier 4 Final_2	2026	1.145721	9.073461	3.714154	0.002839	0.665249	0.612029	310.1138	0.01258	0.002516
28	L-04	Above-Grade Construction	120' Manlift	Diesel	2	4	Aerial Lifts	74	0.31	3	Tier 4 Final_2	2026	0.041555	0.628427	1.27938	0.001974	0.01236	0.011372	213.5724	0.008663	0.001733
29	P-05	Foundation Installation	Pressure Digger - Lo-Drill (T	Diesel	1	8	Bore/Drill Rigs	275	0.5	6	Tier 4 Final_5	2026	0.121254	0.630521	6.305213	0.011773	0.024251	0.024251	1274.165	0.051686	0.010337
30	P-05	Foundation Installation	Skid steer loader	Diesel	1	8	Skid Steer Loaders	74	0.37	3	Tier 4 Final_2	2026	0.064619	0.872717	1.566773	0.002359	0.024837	0.02285	255.2712	0.010355	0.002071
31	P-05	Foundation Installation	Forklift - 10 K Reach	Diesel	2	8	Forklifts	130	0.2	5	Tier 4 Final_4	2026	0.045856	0.238452	3.393351	0.004468	0.009171	0.009171	483.7526	0.019623	0.003925
32	P-05	Foundation Installation	Crane - 35 Ton (Manlift)	Diesel	1	4	Cranes	250	0.29	6	Tier 4 Final_5	2026	0.031967	0.166228	1.662283	0.003114	0.006393	0.006393	337.2922	0.013682	0.002736
33	P-05	Foundation Installation	Loader - 4-5 Yd	Diesel	1	8	Rubber Tired Loaders	230	0.36	6	Tier 4 Final_5	2026	0.073017	0.379688	3.796885	0.007103	0.014603	0.014603	769.0052	0.031194	0.006239
34	P-05	Foundation Installation	D4 Type Dozer	Diesel	1	8	Rubber Tired Dozers	130	0.4	5	Tier 4 Final_4	2026	0.045856	0.238452	3.393351	0.004467	0.009171	0.009171	484.2705	0.019644	0.003929
35	P-05	Foundation Installation	Excavator	Diesel	1	8	Excavators	250	0.38	6	Tier 4 Final_5	2026	0.083776	0.435633	4.356329	0.008177	0.016755	0.016755	884.9688	0.035898	0.00718
36	P-05	Foundation Installation	Vibratory Roller	Diesel	1	8	Rollers	125	0.38	5	Tier 4 Final_4	2026	0.041888	0.217816	3.099696	0.004082	0.008378	0.008378	441.8058	0.017922	0.003584
37	P-06	Structure Installation	Crane - 35 Ton (Manlift)	Diesel	2	8	Cranes	250	0.29	6	Tier 4 Final_5	2026	0.127868	0.664913	6.649134	0.012458	0.025574	0.025574	1349.169	0.054728	0.010946
38	P-06	Structure Installation	Forklift - 25,000 lb	Diesel	1	5	Forklifts	175	0.2	6	Tier 4 Final_5	2026	0.01929	0.10031	1.003102	0.001882	0.003858	0.003858	203.8008	0.008267	0.001653
39	P-06	Structure Installation	Crane - 200 Ton	Diesel	1	8	Cranes	275	0.29	6	Tier 4 Final_5	2026	0.070327	0.365702	3.657024	0.006852	0.014065	0.014065	742.0429	0.030101	0.00602
40	P-07	Conductor Installation	Crane - 35 Ton (Manlift)	Diesel	2	8	Cranes	250	0.29	6	Tier 4 Final_5	2026	0.063934	0.332957	3.324967	0.006222	0.012787	0.012787	674.5844	0.027364	0.005473
41	P-07	Conductor Installation	D8 Sag Dozer	Diesel	1	8	Rubber Tired Dozers	200	0.4	6	Tier 4 Final_5	2026	0.070548	0.366849	3.668488	0.006877	0.01411	0.01411	745.6752	0.030248	0.00605
42	P-07	Conductor Installation	Wire Puller	Diesel	1	5	Other Construction Equipment	175	0.42	6	Tier 4 Final_5	2026	0.04051	0.210651	2.106514	0.00396	0.008102	0.008102	428.804	0.017394	0.003479
43	P-07	Conductor Installation	Wire Trailer/ Tensioner	Diesel	1	5	Other Construction Equipment	175	0.42	6	Tier 4 Final_5	2026	0.04051	0.210651	2.106514	0.00396	0.008102	0.008102	428.804	0.017394	0.003479
44	L-08	Access Road Construction	Motor Grader	Diesel	1	8	Graders	250	0.41	6	Tier 4 Final_5	2026	0.090389	0.470025	4.70025	0.00881	0.018078	0.018078	953.9648	0.038697	0.007739
45	L-08	Access Road Construction	Skid steer loader	Diesel	1	8	Skid Steer Loaders	74	0.37	3	Tier 4 Final_2	2026	0.064619	0.872717	1.566773	0.002359	0.024837	0.02285	255.2712	0.010355	0.002071
46	L-08	Access Road Construction	D6 Type Dozer	Diesel	1	8	Rubber Tired Dozers	250	0.4	6	Tier 4 Final_5	2026	0.088185	0.458561	4.585609	0.008597	0.017637	0.017637	932.094	0.03781	0.007562
47	L-08	Access Road Construction	Excavator	Diesel	1	8	Excavators	250	0.38	6	Tier 4 Final_5	2026	0.083776	0.435633	4.356329	0.008177	0.016755	0.016755	884.9688	0.035898	0.00718
48	L-09	Foundation Installation	Pressure Digger - Lo-Drill (T	Diesel	1	8	Bore/Drill Rigs	275	0.5	6	Tier 4 Final_5	2026	0.121254	0.630521	6.305213	0.011773	0.024251	0.024251	1274.165	0.051686	0.010337
49	L-09	Foundation Installation	Skid steer loader	Diesel	1	8	Skid Steer Loaders	74	0.37	3	Tier 4 Final_2	2026	0.064619	0.872717	1.566773	0.002359	0.024837	0.02285	255.2712	0.010355	0.002071
50	L-09	Foundation Installation	Forklift - 10 K Reach	Diesel	2	8	Forklifts	130	0.2	5	Tier 4 Final_4	2026	0.045856	0.238452	3.393351	0.004468	0.009171	0.009171	483.7526	0.019623	0.003925
51	L-09	Foundation Installation	Crane - 35 Ton (Manlift)	Diesel	1	4	Cranes	250	0.29	6	Tier 4 Final_5	2026	0.031967	0.166228	1.662283	0.003114	0.006393	0.006393	337.2922	0.013682	0.002736
52	L-09	Foundation Installation	844 Loader	Diesel	1	8	Rubber Tired Loaders	417	0.36	7	Tier 4 Final_6	2026	0.132383	0.688392	6.883917	0.012893	0.026477	0.026477	1395.84	0.056621	0.011324
53	L-09	Foundation Installation	Rough Terrain Crane	Diesel	1	2	Cranes	185	0.29	6	Tier 4 Final_5	2026	0.011828	0.061504	0.615045	0.001152	0.002366	0.002366	124.7981	0.005062	0.001012
54	L-10	Structure Installation	Crane - 35 Ton (Manlift)	Diesel	2	8	Cranes	250	0.29	6	Tier 4 Final_5	2026	0.127868	0.664913	6.649134	0.012458	0.025574	0.025574	1349.169	0.054728	0.010946
55	L-10	Structure Installation	Forklift - 15,000 lb	Diesel	1	5	Forklifts	130	0.2	5	Tier 4 Final_4	2026	0.01433	0.074516	1.060422	0.001396	0.002866	0.002866	151.1727	0.006132	0.001226
56	L-10	Structure Installation	Crane - 200 Ton	Diesel	1	8	Cranes	275	0.29	6	Tier 4 Final_5	2026	0.070327	0.365702	3.657024	0.006852	0.014065	0.014065	742.0429	0.030101	0.00602
57	L-10	Structure Installation	844 Loader	Diesel	1	8	Rubber Tired Loaders	417	0.36	7	Tier 4 Final_6	2026	0.132383	0.688392	6.883917	0.012893	0.026477	0.026477	1395.84	0.056621	0.011324
58	L-11	Conductor Installation	Crane - 35 Ton (Manlift)	Diesel	6	8	Cranes	250	0.29	6	Tier 4 Final_5	2026	0.383604	1.99474	19.9474	0.037374	0.076721	0.076721	4047.506	0.164185	0.032837
59	L-11	Conductor Installation	D8 Sag Dozer	Diesel	3	8	Rubber Tired Dozers	200	0.4	6	Tier 4 Final_5	2026	0.211644	1.100546	11.00546	0.020632	0.042329	0.042329	2237.026	0.090744	0.018149
60	L-11	Conductor Installation	Wire Puller	Diesel	1	5	Other Construction Equipment	175	0.42	6	Tier 4 Final_5	2026	0.04051	0.210651	2.106514	0.00396	0.008102	0.008102	428.804	0.017394	0.003479
61	L-11	Conductor Installation	Wire Trailer/ Tensioner	Diesel	1	5	Other Construction Equipment	175	0.42	6	Tier 4 Final_5	2026	0.04051	0.210651	2.106514	0.00396	0.008102	0.008102	428.804	0.017394	0.003479
62	L-14	Submarine Cable Installation	Pumps	Diesel	2	15	Pumps	325	0.74	2	Tier 4 Final_6	2026	0.795317	4.135647	41.35647	0.116873	0.159063	0.159063	9040.66	0.366729	0.073346
63	L-14	Submarine Cable Installation	Deck Generator	Diesel	1	21	Generator Sets	170	0.74	2	Tier 4 Final_4	2026	0.291208	1.514283	21.54941	0.042789	0.058242	0.058242	3309.958	0.134266	0.026853
64	L-14	Submarine Cable Installation	Deck Equipment	Diesel	1	21	Other Construction Equipment	100	0.42	5	Tier 4 Final_3	2026	0.097224	0.505563	7.194557	0.009466	0.019445	0.019445	1025.007	0.041579	0.008316
65	L-14	Submarine Cable Installation	Anchor Winches	Diesel	2	12	Other Construction Equipment	225	0.42	6	Tier 4 Final_5	2026	0.250004	1.30002	13.0002	0.024441	0.050001	0.050001	2646.333	0.107347	0.021469
66	L-14	Submarine Cable Installation	Deck Winch	Diesel	1	12	Other Construction Equipment	100	0.42	5	Tier 4 Final_3	2026	0.055556	0.288893	4.111175	0.005409	0.011111	0.011111	585.7183	0.023759	0.004752
67	L-14	Submarine Cable Installation	Crane	Diesel	1	5	Cranes	180	0.29	6	Tier 4 Final_5	2026	0.02877	0.149606	1.496055	0.002803	0.005754	0.005754	303.563	0.012314	0.002463
68	L-14	Submarine Cable Installation	Linear Cable Engine	Diesel	2	12	Other Construction Equipment	200	0.42	6	Tier 4 Final_5	2026	0.333339	1.73336	17.3336	0.032588	0.066668	0.066668	3528.444	0.143129	0.028626
69	L-14	Submarine Cable Installation	Deck Generator - 100kW	Diesel	1	17	Generator Sets	100	0.74	2	Tier 4 Final_3	2026	0.138671	0.721087	10.26162	0.020376	0.027734	0.027734	1576.171	0.063936	0.012787
70	L-14	Submarine Cable Installation	Deck Generator	Diesel	1	6	Other Construction Equipment	100	0.42	5	Tier 4 Final_3	2026	0.027778	0.144447	2.055588	0.002705	0.005556	0.005556	292.8592	0.01188	0.002376
71	L-14	Submarine Cable Installation	Crane	Diesel	1	2	Cranes	180	0.29	6	Tier 4 Final_5	2026	0.011508	0.059842	0.598422	0.001121	0.002302	0.002302	121.4252	0.004926	0.000985
72	L-14	Submarine Cable Installation	Dive Compressor	Diesel	1	2	Air Compressors	50	0.48	2	Tier 4 Final_2	2026	0.054193	0.385788	0.510282	0.000777	0.010429	0.009595	60.13709	0.002439	0.000488
73	L-14	Submarine Cable Installation	Deck Generator	Diesel	1	12	Generator Sets	170	0.74	2	Tier 4 Final_4	2026	0.166405	0.865304	12.31395	0.024451	0.033281	0.033281	1891.405	0.076724	0.015345
74	L-14	Submarine Cable Installation	Deck Generator - 100kW	Diesel	1	22	Generator Sets	100	0.74	2	Tier 4 Final_3	2026	0.179456	0.933172	13.27975	0.026369	0.035891	0.035891	2039.75	0.082741	0.016548
75	L-14	Submarine Cable Installation	Pull In Winch	Diesel	1	11	Other Construction Equipment	225	0.42	6	Tier 4 Final_5	2026	0.114585	0.595843	5.958426	0.011202	0.022917	0.022917	1212.903	0.049201	0.00984
76	L-15	Southern Transition Approach Construction	Pull In Winch	Diesel	0	0	Other Construction Equipment	225	0.42	6	Tier 4 Final_5	2026	0	0	0	0	0	0	0	0	0
77	L-15	Southern Transition Approach Construction	Onshore Crane	Diesel	1	8	Cranes	180	0.29	6	Tier 4 Final_5	2026	0.046032	0.239369	2.393688	0.004485	0.009206	0.009206	485.7008	0.019702	0.00394
78	L-15	Southern Transition Approach Construction	Crane - 200 ton	Diesel	1	6	Cranes	275	0.29	6	Tier 4 Final_5	2026	0.052746	0.274277	2.742768	0.005139	0.010549	0.010549	556.5321	0.022575	0.004515
79	L-15	Southern Transition Approach Construction	Onshore Vibratory Hammer	Diesel	1	8	Other Construction Equipment	300	0.42	7	Tier 4 Final_6	2026	0.111113	0.577787	5.777868	0.010851	0.022223	0.022223	1174.51	0.047643	0.009529
80	L-15	Southern Transition Approach Construction	Air Compressor	Diesel	1	8	Air Compressors	50	0.48	2	Tier 4 Final_2	2026	0.216772	1.543152	2.04112	0.00311	0.041718	0.03838	240.5483	0.009758	0.001952
81	L-15	Southern Transition Approach Construction	Onshore Dewatering Equip	Diesel	2	8	Other Construction Equipment	50	0.42	3	Tier 4 Final_2	2026	0.850721	7.275992	3.51186	0.003559	0.559689	0.514914	387.1762	0.015706	0.003141
82	L-16	Substation Getaways	Generator – 25 Kw	Diesel	2	8	Generator Sets	36	0.74	2	Tier 4 Final_1	2026	0.317487	3.178499	3.506226	0.006904	0.074363	0.068414	534.0437	0.021663	0.004333
83	L-16	Substation Getaways	Crane - 35 Ton (Manlift)	Diesel	2	5	Cranes	250	0.29	6	Tier 4 Final_5	2026	0.079917	0.415571	4.155709	0.007786	0.015983	0.015983	843.2305	0.034205	0.006841
84	L-16	Substation Getaways	Forklift - 10 K Reach	Diesel	2	4	Forklifts	130	0.2	5	Tier 4 Final_4	2026	0.022928	0.119226	1.696676	0.002234	0.004586	0.004586	241.8763	0.009812	0.001962
85	L-16	Substation Getaways	Forklift -15,000 lb	Diesel	1	4	Forklifts	130	0.2	5	Tier 4 Final_4	2026	0.011464	0.059613	0.848338	0.001117	0.002293	0.002293	120.9381	0.004906	0.000981
86	L-16	Substation Getaways	Loader - 4-5 Yd	Diesel	2	5	Rubber Tired Loaders	74	0.36	3	Tier 4 Final_2	2026	1.145721	9.073461	3.714154	0.002839	0.665249	0.612029	310.1138	0.01258	0.002516
87	L-16	Substation Getaways	Wire Trailer/ Tensioner	Diesel	1	5	Other Construction Equipment	175	0.42	6	Tier 4 Final_5	2026	0.04051	0.210651	2.106514	0.00396	0.008102	0.008102	428.804	0.017394	0.003479
88	L-16	Substation Getaways	Wire Puller	Diesel	1	5	Other Construction Equipment	175	0.42	6	Tier 4 Final_5	2026	0.04051	0.210651	2.106514	0.00396	0.008102	0.008102	428.804	0.017394	0.003479
89	L-16	Substation Getaways	Skid steer loader	Diesel	2	8	Skid Steer Loaders	74	0.37	3	Tier 4 Final_2	2026	0.129237	1.745434	3.133546	0.004717	0.049673	0.045699	510.5425	0.02071	0.004142
90	L-16	Substation Getaways	Backhoe - 2X4	Diesel	2	6	Excavators	68	0.38	3	Tier 4 Final_2	2026	0.497255	3.656965	2.867659	0.003362	0.378505	0.348224	364.97	0.014805	0.002961
91	P-17	Distribution Extension to Substation	Wire Trailer/ Tensioner	Diesel	1	5	Other Construction Equipment	175	0.42	6	Tier 4 Final_5	2026	0.04051	0.210651	2.106514	0.00396	0.008102	0.008102	428.804	0.017394	0.003479
92	P-17	Distribution Extension to Substation	Wire Puller	Diesel	1	5	Other Construction Equipment	175	0.42	6	Tier 4 Final_5	2026	0.04051	0.210651	2.106514	0.00396	0.008102	0.008102	428.804	0.017394	0.003479
93	P-17	Distribution Extension to Substation	Crane - 35 Ton (Manlift)	Diesel	2	8	Cranes	250	0.29	6	Tier 4 Final_5	2026	0.127868	0.664913	6.649134	0.012458	0.025574	0.025574	1349.169	0.054728	0.010946
94	P-17	Distribution Extension to Substation	Forklift - 15 K Reach	Diesel	2	6	Forklifts	130	0.2	5	Tier 4 Final_4	2026	0.034392	0.178839	2.545013	0.003351	0.006878	0.006878	362.8144	0.014717	0.002943
95	P-17	Distribution Extension to Substation	Pressure Digger - Lo-Drill (T	Diesel	1	8	Bore/Drill Rigs	275	0.5	6	Tier 4 Final_5	2026	0.121254	0.630521	6.305213	0.011773	0.024251	0.024251	1274.165	0.051686	0.010337
96	P-17	Distribution Extension to Substation	Skid steer loader	Diesel	2	8	Skid Steer Loaders	74	0.37	3	Tier 4 Final_2	2026	0.129237	1.745434	3.133546	0.004717	0.049673	0.045699	510.5425	0.02071	0.004142
97	P-17	Distribution Extension to Substation	Backhoe - 2X4	Diesel	1	8	Excavators	68	0.38	3	Tier 4 Final_2	2026	0.331504	2.437977	1.911772	0.002241	0.252336	0.232149	243.3133	0.00987	0.001974
98	L-18	Fiber Extension to Substation	Crane - 35 Ton (Manlift)	Diesel	2	8	Cranes	250	0.29	6	Tier 4 Final_5	2026	0.127868	0.664913	6.649134	0.012458	0.025574	0.025574	1349.169	0.054728	0.010946
99	L-18	Fiber Extension to Substation	Forklift - 10 K Reach	Diesel	1	5	Forklifts	130	0.2	5	Tier 4 Final_4	2026	0.01433	0.074516	1.060422	0.001396	0.002866	0.002866	151.1727	0.006132	0.001226
100	L-18	Fiber Extension to Substation	Excavator - Mini	Diesel	2	5	Excavators	70	0.38	3	Tier 4 Final_2	2026	0.426567	3.137103	2.460001	0.002884	0.324697	0.298722	313.087	0.0127	0.00254
101	L-18	Fiber Extension to Substation	Skid steer loader	Diesel	2	8	Skid Steer Loaders	74	0.37	3	Tier 4 Final_2	2026	0.129237	1.745434	3.133546	0.004717	0.049673	0.045699	510.5425	0.02071	0.004142
102	L-18	Fiber Extension to Substation	Trencher	Diesel	1	8	Trenchers	75	0.5	4	Tier 4 Final_3	2026	0.24988	2.465464	2.392455	0.003231	0.153191	0.140935	350.1083	0.014202	0.00284
103	L-18	Fiber Extension to Substation	Wire Trailer/ Tensioner	Diesel	1	5	Other Construction Equipment	175	0.42	6	Tier 4 Final_5	2026	0.04051	0.210651	2.106514	0.00396	0.008102	0.008102	428.804	0.017394	0.003479
104	L-18	Fiber Extension to Substation	Wire Puller	Diesel	1	5	Other Construction Equipment	175	0.42	6	Tier 4 Final_5	2026	0.04051	0.210651	2.106514	0.00396	0.008102	0.008102	428.804	0.017394	0.003479
105	P-19	Pittsburg Substation Upgrades	Crane - 35 Ton (Manlift)	Diesel	1	5	Cranes	250	0.29	6	Tier 4 Final_5	2026	0.039959	0.207785	2.077854	0.003893	0.007992	0.007992	421.6153	0.017103	0.003421

Table 22: Off-Road Controlled Emissions (tons)

Count	Activity Index	Days Used	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
1	L-02	76	0.005549	0.028856	0.288563	0.000539866	0.00111	0.00111	58.4444	0.002371	0.000474152
2	L-02	76	0.00687	0.035722	0.357219	0.000669564	0.001374	0.001374	72.50133	0.002941	0.000588194
3	L-02	76	0.026379	0.137172	1.371721	0.002577072	0.005276	0.005276	279.0155	0.011318	0.002263618
4	L-02	76	0.003998	0.020792	0.295885	0.000389671	0.0008	0.0008	42.17301	0.001711	0.000342144
5	L-02	76	0.012065	0.

Count	Activity Index	Activity Name	Equipment Name	Fuel Type	Quantity	Hours Per Day	CalEEModType	HP	LF	CalEEMod Bin	Tier Bin Name	Year	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
106	P-19	Pittsburg Substation Upgrades	Forklift -15,000 lb	Diesel	2	4	Forklifts	130	0.2	5	Tier 4 Final_4	2026	0.022928	0.119226	1.696676	0.002234	0.004586	0.004586	241.8763	0.009812	0.001962
107	P-19	Pittsburg Substation Upgrades	120' Manlift	Diesel	2	7	Aerial Lifts	74	0.31	3	Tier 4 Final_2	2026	0.072721	1.099747	2.238915	0.003454	0.021631	0.0199	373.7517	0.015161	0.003032
108	P-19	Pittsburg Substation Upgrades	Excavator	Diesel	1	6	Excavators	108	0.38	5	Tier 4 Final_3	2026	0.027143	0.141145	2.008603	0.002648	0.005429	0.005429	286.5711	0.011625	0.002325
109	P-19	Pittsburg Substation Upgrades	Excavator - Mini	Diesel	2	5	Excavators	70	0.38	3	Tier 4 Final_2	2026	0.426567	3.137103	2.460001	0.002884	0.324697	0.298722	313.087	0.0127	0.00254
110	P-19	Pittsburg Substation Upgrades	Generator – 25 Kw	Diesel	1	8	Generator Sets	36	0.74	2	Tier 4 Final_1	2026	0.158744	1.58925	1.753113	0.003452	0.037182	0.034207	267.0218	0.010832	0.002166
111	P-19	Pittsburg Substation Upgrades	Loader - 4-5 Yd	Diesel	1	6	Rubber Tired Loaders	230	0.36	6	Tier 4 Final_5	2026	0.054763	0.284766	2.847663	0.005328	0.010953	0.010953	576.7539	0.023396	0.004679
112	P-19	Pittsburg Substation Upgrades	Pressure Digger - Lo-Drill (T	Diesel	1	8	Bore/Drill Rigs	275	0.5	6	Tier 4 Final_5	2026	0.121254	0.630521	6.305213	0.011773	0.024251	0.024251	1274.165	0.051686	0.010337
113	P-19	Pittsburg Substation Upgrades	Excavator	Diesel	1	8	Excavators	275	0.38	6	Tier 4 Final_5	2026	0.092153	0.479196	4.791962	0.008994	0.018431	0.018431	973.4656	0.039488	0.007898
114	P-19	Pittsburg Substation Upgrades	Skid steer loader	Diesel	2	8	Skid Steer Loaders	74	0.37	3	Tier 4 Final_2	2026	0.129237	1.745434	3.133546	0.004717	0.049673	0.045699	510.5425	0.02071	0.004142
115	L-20	Commissioning and Testing	Manlift - 40'	Diesel	3	8	Aerial Lifts	49	0.31	2	Tier 4 Final_1	2026	0.122547	2.3097	2.471766	0.004358	0.016639	0.015308	471.7014	0.019134	0.003827
116	L-20	Commissioning and Testing	Deck Generator	Diesel	0	0	Generator Sets	170	0.74	2	Tier 4 Final_4	2026	0	0	0	0	0	0	0	0	0
117	L-20	Commissioning and Testing	Crane - 35 Ton (Manlift)	Diesel	2	8	Cranes	250	0.29	6	Tier 4 Final_5	2026	0.127868	0.664913	6.649134	0.012458	0.025574	0.025574	1349.169	0.054728	0.010946
118	L-21	Cleanup and Restoration	Motor Grader	Diesel	2	8	Graders	250	0.41	6	Tier 4 Final_5	2026	0.180779	0.94005	9.400499	0.01762	0.036156	0.036156	1907.93	0.077394	0.015479
119	L-21	Cleanup and Restoration	Backhoe - 2X4	Diesel	2	8	Excavators	68	0.38	3	Tier 4 Final_2	2026	0.663007	4.875954	3.823545	0.004483	0.504673	0.464299	486.6267	0.01974	0.003948
120	L-21	Cleanup and Restoration	Skid steer loader	Diesel	1	8	Skid Steer Loaders	74	0.37	3	Tier 4 Final_2	2026	0.064619	0.872717	1.566773	0.002359	0.024837	0.02285	255.2712	0.010355	0.002071
121	L-21	Cleanup and Restoration	Excavator	Diesel	1	8	Excavators	250	0.38	6	Tier 4 Final_5	2026	0.083776	0.435633	4.356329	0.008177	0.016755	0.016755	884.9688	0.035898	0.00718
122	L-21	Cleanup and Restoration	D6 Type Dozer	Diesel	1	8	Rubber Tired Dozers	250	0.4	6	Tier 4 Final_5	2026	0.088185	0.458561	4.585609	0.008597	0.017637	0.017637	932.094	0.03781	0.007562
123	P-22	Foundation Installation	Pressure Digger - Lo-Drill (T	Diesel	1	8	Bore/Drill Rigs	275	0.5	6	Tier 4 Final_5	2026	0.121254	0.630521	6.305213	0.011773	0.024251	0.024251	1274.165	0.051686	0.010337
124	P-22	Foundation Installation	Skid steer loader	Diesel	1	4	Skid Steer Loaders	74	0.37	3	Tier 4 Final_2	2026	0.032309	0.436359	0.783387	0.001179	0.012418	0.011425	127.6356	0.005177	0.001035
125	P-23	Structure and Conductor Installation	Crane - 35 Ton (Manlift)	Diesel	1	8	Cranes	250	0.29	6	Tier 4 Final_5	2026	0.063934	0.332457	3.324567	0.006229	0.012787	0.012787	674.5844	0.027364	0.005473
126	P-23	Structure and Conductor Installation	Crane - 200 Ton	Diesel	1	8	Cranes	275	0.29	6	Tier 4 Final_5	2026	0.070327	0.365702	3.657024	0.006852	0.014065	0.014065	742.0429	0.030101	0.00602
127	P-23	Structure and Conductor Installation	D8 Sag Dozer	Diesel	1	4	Rubber Tired Dozers	200	0.4	6	Tier 4 Final_5	2026	0.035274	0.183424	1.834244	0.003439	0.007055	0.007055	372.8376	0.015124	0.003025
128	P-23	Structure and Conductor Installation	Wire Puller	Diesel	1	4	Other Construction Equipment	175	0.42	6	Tier 4 Final_5	2026	0.032408	0.168521	1.685211	0.003168	0.006482	0.006482	343.0432	0.013915	0.002783
129	P-23	Structure and Conductor Installation	Wire Trailer/ Tensioner	Diesel	1	4	Other Construction Equipment	175	0.42	6	Tier 4 Final_5	2026	0.032408	0.168521	1.685211	0.003168	0.006482	0.006482	343.0432	0.013915	0.002783
130	L-24	Northern Transition Approach Construction	Onshore Excavator	Diesel	1	8	Excavators	600	0.38	8	Tier 4 Final_7	2026	0.201061	1.045519	10.45519	0.019715	0.040212	0.040212	2134.197	0.086572	0.017314
131	L-24	Northern Transition Approach Construction	Onshore End Loader	Diesel	1	8	Tractors/Loaders/Backhoes	250	0.37	6	Tier 4 Final_5	2026	0.081571	0.424169	4.241689	0.007951	0.016314	0.016314	860.7154	0.034914	0.006983
132	L-24	Northern Transition Approach Construction	Onshore Crane	Diesel	1	8	Cranes	180	0.29	6	Tier 4 Final_5	2026	0.046032	0.239369	2.393688	0.004485	0.009206	0.009206	485.7008	0.019702	0.00394
133	L-24	Northern Transition Approach Construction	Air Compressor	Diesel	1	8	Air Compressors	50	0.48	2	Tier 4 Final_2	2026	0.216772	1.543152	2.041128	0.00311	0.041718	0.03838	240.5483	0.009758	0.001952
134	L-24	Northern Transition Approach Construction	Onshore Dewatering Equip	Diesel	2	8	Other Construction Equipment	50	0.42	3	Tier 4 Final_2	2026	0.850721	7.275992	3.51186	0.003559	0.559689	0.514914	387.1762	0.015706	0.003141
135	P-25	Tesla Substation Upgrades	Crane – 35 Ton (Manlift)	Diesel	2	5	Cranes	250	0.29	6	Tier 4 Final_5	2026	0.079917	0.415571	4.155709	0.007786	0.015983	0.015983	843.2305	0.034205	0.006841
136	P-25	Tesla Substation Upgrades	Forklift -15,000 lb	Diesel	1	4	Forklifts	130	0.2	5	Tier 4 Final_4	2026	0.011464	0.059613	0.848338	0.001117	0.002293	0.002293	120.9381	0.004906	0.000981
137	P-25	Tesla Substation Upgrades	Manlift - 40'	Diesel	3	5	Aerial Lifts	49	0.31	2	Tier 4 Final_1	2026	0.076592	1.443562	1.544854	0.002724	0.0104	0.009568	294.8133	0.011959	0.002392
138	P-25	Tesla Substation Upgrades	Excavator	Diesel	1	8	Excavators	108	0.38	5	Tier 4 Final_3	2026	0.036191	0.188193	2.678137	0.00353	0.007238	0.007238	382.0948	0.015499	0.0031
139	P-25	Tesla Substation Upgrades	Generator – 25 Kw	Diesel	1	8	Generator Sets	36	0.74	2	Tier 4 Final_1	2026	0.158744	1.58925	1.753113	0.003452	0.037182	0.034207	267.0218	0.010832	0.002166
140	P-25	Tesla Substation Upgrades	Skid steer loader	Diesel	1	8	Skid Steer Loaders	74	0.37	3	Tier 4 Final_2	2026	0.064619	0.872717	1.566773	0.002359	0.024837	0.02285	255.2712	0.010355	0.002071
141	P-26	Vaca Dixon Substation Upgrades	Crane - 35 Ton (Manlift)	Diesel	2	5	Cranes	250	0.29	6	Tier 4 Final_5	2026	0.079917	0.415571	4.155709	0.007786	0.015983	0.015983	843.2305	0.034205	0.006841
142	P-26	Vaca Dixon Substation Upgrades	Forklift -15,000 lb	Diesel	1	4	Forklifts	130	0.2	5	Tier 4 Final_4	2026	0.011464	0.059613	0.848338	0.001117	0.002293	0.002293	120.9381	0.004906	0.000981
143	P-26	Vaca Dixon Substation Upgrades	Manlift - 40'	Diesel	3	5	Aerial Lifts	49	0.31	2	Tier 4 Final_1	2026	0.076592	1.443562	1.544854	0.002724	0.0104	0.009568	294.8133	0.011959	0.002392
144	P-26	Vaca Dixon Substation Upgrades	Excavator	Diesel	1	8	Excavators	108	0.38	5	Tier 4 Final_3	2026	0.036191	0.188193	2.678137	0.00353	0.007238	0.007238	382.0948	0.015499	0.0031
145	P-26	Vaca Dixon Substation Upgrades	Generator – 25 Kw	Diesel	1	8	Generator Sets	36	0.74	2	Tier 4 Final_1	2026	0.158744	1.58925	1.753113	0.003452	0.037182	0.034207	267.0218	0.010832	0.002166
146	P-26	Vaca Dixon Substation Upgrades	Skid steer loader	Diesel	1	8	Skid Steer Loaders	74	0.37	3	Tier 4 Final_2	2026	0.064619	0.872717	1.566773	0.002359	0.024837	0.02285	255.2712	0.010355	0.002071
147	P-27	PG&E IT Work	Crane – 35 Ton (Manlift)	Diesel	1	5	Cranes	250	0.29	6	Tier 4 Final_5	2026	0.039959	0.207785	2.077854	0.003893	0.007992	0.007992	421.6153	0.017103	0.003421
148	P-27	PG&E IT Work	Forklift -15,000 lb	Diesel	2	4	Forklifts	130	0.2	5	Tier 4 Final_4	2026	0.022928	0.119226	1.696676	0.002234	0.004586	0.004586	241.8763	0.009812	0.001962
149	P-27	PG&E IT Work	120' Manlift	Diesel	1	7	Aerial Lifts	74	0.31	3	Tier 4 Final_2	2026	0.03636	0.549874	1.119457	0.001727	0.010815	0.00995	186.8758	0.007581	0.001516
150	P-27	PG&E IT Work	Excavator	Diesel	1	6	Excavators	108	0.38	5	Tier 4 Final_3	2026	0.027143	0.141145	2.008603	0.002648	0.005429	0.005429	286.5711	0.011625	0.002325
151	P-27	PG&E IT Work	Excavator - Mini	Diesel	2	5	Excavators	70	0.38	3	Tier 4 Final_2	2026	0.426567	3.137103	2.460001	0.002884	0.324697	0.298722	313.087	0.0127	0.00254
152	P-27	PG&E IT Work	Generator – 25 Kw	Diesel	1	8	Generator Sets	36	0.74	2	Tier 4 Final_1	2026	0.158744	1.58925	1.753113	0.003452	0.037182	0.034207	267.0218	0.010832	0.002166
153	P-27	PG&E IT Work	Loader - 4-5 Yd	Diesel	1	6	Rubber Tired Loaders	230	0.36	6	Tier 4 Final_5	2026	0.054763	0.284766	2.847663	0.005328	0.010953	0.010953	576.7539	0.023396	0.004679
154	P-27	PG&E IT Work	Pressure Digger - Lo-Drill (T	Diesel	1	8	Bore/Drill Rigs	275	0.5	6	Tier 4 Final_5	2026	0.121254	0.630521	6.305213	0.011773	0.024251	0.024251	1274.165	0.051686	0.010337
155	P-27	PG&E IT Work	Excavator	Diesel	1	8	Excavators	275	0.38	6	Tier 4 Final_5	2026	0.092153	0.479196	4.791962	0.008994	0.018431	0.018431	973.4656	0.039488	0.007898
156	P-27	PG&E IT Work	Skid steer loader	Diesel	2	8	Skid Steer Loaders	74	0.37	3	Tier 4 Final_2	2026	0.129237	1.745434	3.133546	0.004717	0.049673	0.045699	510.5425	0.02071	0.004142

Count	Activity Index	Days Used	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
106	P-19	144	0.001651	0.008584	0.122161	0.000160854	0.00033	0.00033	17.41509	0.000706	0.000141286
107	P-19	144	0.005236	0.079182	0.161202	0.000248668	0.001557	0.001433	26.91012	0.001092	0.000218318
108	P-19	144	0.001954	0.010162	0.144619	0.000190621	0.000391	0.000391	20.63312	0.000837	0.000167394
109	P-19	144	0.030713	0.225871	0.17712	0.000207653	0.023378	0.021508	22.54226	0.000914	0.000182883
110	P-19	144	0.01143	0.114426	0.126224	0.000248539	0.002677	0.002463	19.22557	0.00078	0.000155975
111	P-19	144	0.003943	0.020503	0.205032	0.000383589	0.000789	0.000789	41.52628	0.001684	0.000336898
112	P-19	144	0.00873	0.045398	0.453975	0.000847677	0.001746	0.001746	91.73986	0.003721	0.000744274
113	P-19	144	0.006635	0.034502	0.345021	0.000647585	0.001327	0.001327	70.08953	0.002843	0.000568628
114	P-19	144	0.009305	0.125671	0.225615	0.000339625	0.003576	0.00329	36.75906	0.001491	0.000298222
115	L-20	174	0.010662	0.200944	0.215044	0.000379152	0.001448	0.001332	41.03802	0.001665	0.000332936
116	L-20	174	0	0	0	0	0	0	0	0	0
117	L-20	174	0.011125	0.057847	0.578475	0.001083836	0.002225	0.002225	117.3777	0.004761	0.00095227
118	L-21	140	0.012655	0.065803	0.658035	0.001233408	0.002531	0.002531	133.5551	0.005418	0.001083516
119	L-21	140	0.046411	0.341317	0.267648	0.000313787	0.035327	0.032501	34.06387	0.001382	0.000276356
120	L-21	140	0.004523	0.06109	0.109674	0.000165095	0.001739	0.001599	17.86899	0.000725	0.000144969
121	L-21	140	0.005864	0.030494	0.304943	0.00057236	0.001173	0.001173	61.94781	0.002513	0.000502575
122	L-21	140	0.006173	0.032099	0.320993	0.000601778	0.001235	0.001235	65.24658	0.002647	0.000529337
123	P-22	36	0.002183	0.011349	0.113494	0.000211919	0.000437	0.000437	22.93497	0.0009	0.000186069
124	P-22	30	0.000485	0.006545	0.011751	1.76888E-05	0.000186	0.000171	1.914534	7.77E-05	1.55324E-05
125	P-23	36	0.001151	0.005984	0.059842	0.000112121	0.00023	0.00023	12.14252	0.000493	9.85107E-05
126	P-23	36	0.001266	0.006583	0.065826	0.000123333	0.000253	0.000253	13.35677	0.000542	0.000108362
127	P-23	3	5.29E-05	0.000275	0.002751	5.15809E-06	1.06E-05	1.06E-05	0.559256	2.27E-05	4.53718E-06
128	P-23	36	0.000583	0.003033	0.030334	5.70297E-05	0.000117	0.000117	6.174777	0.00025	5.00952E-05
129	P-23	36	0.000583	0.003033	0.030334	5.70297E-05	0.000117	0.000117	6.174777	0.00025	5.00952E-05
130	L-24	138	0.013873	0.072141	0.721408	0.001360361	0.002775	0.002775	147.2596	0.005973	0.001194699
131	L-24	138	0.005628	0.029268	0.292677	0.000548642	0.001126	0.001126	59.38936	0.002409	0.000481818
132	L-24	138	0.003176	0.016516	0.165164	0.000309454	0.000635	0.000635	33.51335	0.001359	0.00027189
133	L-24	138	0.014957	0.106477	0.140838	0.000214569	0.002879	0.002648	16.59784	0.000673	0.000134656
134	L-24	138	0.0587	0.502043	0.242318	0.00024554	0.038619	0.035529	26.71516	0.001084	0.000216737
135	P-25	72	0.002877	0.014961	0.149606	0.000280303	0.000575	0.000575	30.3563	0.001231	0.000246277
136	P-25	72	0.000413	0.002146	0.03054	4.02134E-05	8.25E-05	8.25E-05	4.353773	0.000177	3.53216E-05
137	P-25	72	0.002757	0.051968	0.055615	9.80567E-05	0.000374	0.000344	10.61328	0.000431	8.61042E-05
138	P-25	72	0.001303	0.006775	0.096413	0.000127081	0.000261	0.000261	13.75541	0.000558	0.000111596
139	P-25	144	0.01143	0.114426	0.126224	0.000248539	0.002677	0.002463	19.22557	0.00078	0.000155975
140	P-25	72	0.002326	0.031418	0.056404	8.49063E-05	0.000894	0.000823	9.189764	0.000373	7.45554E-05
141	P-26	132	0.005275	0.027428	0.274277	0.000513888	0.001055	0.001055	55.65321	0.002258	0.000451508
142	P-26	132	0.000757	0.003934	0.05599	7.37246E-05	0.000151	0.000151	7.981918	0.000324	6.47653E-05
143	P-26	132	0.005055	0.095275	0.10196	0.000179771	0.000686	0.000631	19.45768	0.000789	0.000157858
144	P-26	132	0.002389	0.012421	0.176757	0.000232981	0.000478	0.000478	25.21826	0.001023	0.000204553
145	P-26	224	0.017779	0.177996	0.196349	0.000386616	0.004164	0.003831	29.90645	0.001213	0.000242627
146	P-26	132	0.004125	0.057599	0.103407	0.000155661	0.001639	0.001508	16.84779	0.000683	0.000136685
147	P-27	150	0.002997	0.015584	0.155839	0.000291582	0.000599	0.000599	31.62114	0.001283	0.000256538
148	P-27	150	0.00172	0.008942	0.127251	0.000167556	0.000344	0.000344	18.14072	0.000736	0.000147173
149	P-27	150	0.002727	0.041241	0.083959	0.000129514	0.000811	0.000746	14.01569	0.000569	0.000113708
150	P-27	150	0.002036	0.010586	0.150645	0.000198563	0.000407	0.000407	21.49283	0.000872	0.000174369
151	P-27	150	0.031993	0.235283	0.1845	0.000216305	0.024352	0.022404	23.48153	0.000953	0.000190503
152	P-27	202	0.016033	0.160514	0.177064	0.000348645	0.003755	0.003455	26.96921	0.001094	0.000218798
153	P-27	150	0.004107	0.021357	0.213575	0.000399572	0.000821	0.000821	43.25654	0.001755	0.000350935
154	P-27	150	0.009094	0.047289	0.472891	0.000882997	0.001819	0.001819	95.56236	0.003876	0.000775285
155	P-27	150	0.006911	0.03594	0.359397	0.000674567	0.001382	0.001382	73.00992	0.002962	0.00059232
156	P-27	150	0.009693	0.130908	0.235016	0.000353776	0.003725	0.003427	38.29069	0.001553	0.000310648

Table 23: Marine Vessel Uncontrolled Daily Emissions (pounds/day)

Count	Activity Index	Activity Name	Equipment Name	Fuel Type	Quantity	Hours Per Day	HP	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
1	L-14	Submarine Cable Installation	Barge Tug	Diesel	1	11	2000	17.09744	203.3473	59.74808	0.13398	11.6961	10.41505	14333.34	0.581423	0.116285
2	L-14	Submarine Cable Installation	Small Boats	Diesel	2	16	250	5.747505	72.45336	20.96875	0.050669	3.814061	3.423162	5420.61	0.219884	0.043977
3	L-14	Submarine Cable Installation	Anchor Tug	Diesel	1	22	1320	22.56863	268.4184	78.86746	0.176854	15.43885	13.74786	18920.01	0.767479	0.153496
4	L-14	Submarine Cable Installation	Survey Vessel	Diesel	1	11	250	1.709744	15.04149	11.80447	0.015073	0.471437	0.42312	1612.501	0.06541	0.013082

Table 24: Marine Vessel Uncontrolled Emissions (tons)

Count	Activity Index	Days Used	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
1	L-14	122	1.042944	12.40418	3.644633	0.008172787	0.713462	0.635318	874.334	0.035467	0.007093362
2	L-14	122	0.350598	4.419655	1.279094	0.003090799	0.232658	0.208813	330.6572	0.013413	0.002682581
3	L-14	70	0.789902	9.394645	2.760361	0.006189881	0.54036	0.481175	662.2005	0.026862	0.00537235
4	L-14	18	0.015388	0.135373	0.10624	0.000135655	0.004243	0.003808	14.51251	0.000589	0.000117738

Table 25: Marine Vessel Controlled Daily Emissions (pounds/day)

Count	Activity Index	Activity Name	Equipment Name	Fuel Type	Quantity	Hours Per Day	HP	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
1	L-14	Submarine Cable Installation	Barge Tug	Diesel	1	11	2000	17.09744	101.2695	59.74808	0.13398	1.989222	1.7903	14333.34	0.581423	0.116285
2	L-14	Submarine Cable Installation	Small Boats	Diesel	2	16	250	5.747505	71.02016	20.96875	0.050669	1.578226	1.420403	5420.61	0.219884	0.043977
3	L-14	Submarine Cable Installation	Anchor Tug	Diesel	1	22	1320	22.56863	133.6757	78.86746	0.176854	2.625773	2.363196	18920.01	0.767479	0.153496
4	L-14	Submarine Cable Installation	Survey Vessel	Diesel	1	11	250	1.709744	15.73294	11.80447	0.015073	0.379761	0.341785	1612.501	0.06541	0.013082

Table 26: Marine Vessel Controlled Emissions (tons)

Count	Activity Index	Days Used	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
1	L-14	122	1.042944	6.177439	3.644633	0.008172787	0.121343	0.109208	874.334	0.035467	0.007093362
2	L-14	122	0.350598	4.33223	1.279094	0.003090799	0.096272	0.086645	330.6572	0.013413	0.002682581
3	L-14	70	0.789902	4.67865	2.760361	0.006189881	0.091902	0.082712	662.2005	0.026862	0.00537235
4	L-14	18	0.015388	0.141596	0.10624	0.000135655	0.003418	0.003076	14.51251	0.000589	0.000117738

Table 27: On-Road Uncontrolled Daily Exhaust Emissions (pounds/day)

Count	Activity Index	Activity Name	Equipment Name	Fuel Type	HP	Quantity	Year	Trips/Day	Trip Length	VMT	Paved Percent	Paved VMT	Unpaved VMT	On Type	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
1	L-01	Survey	Pickup - 1/2 Ton	Gasoline	395	2	2026	4	40	160	95	152	8	passenger	0.021031	0.028534	0.360099	0.001077	0.006343	0.002243	108.9024	0.00197	0.002535
2	L-02	Site Development/Staging Yards	Truck - Water 4 K	Diesel	300	4	2026	8	40	320	95	304	16	vendor	0.018248	0.846513	0.127619	0.007754	0.048351	0.020768	818.8371	0.000848	0.129008
3	L-02	Site Development/Staging Yards	Truck - Dump 10-12 Yd	Diesel	415	5	2026	10	40	400	95	380	20	hhdt	0.064682	2.247711	0.802305	0.014322	0.124741	0.055056	1512.405	0.003004	0.238281
4	L-02	Site Development/Staging Yards	Pickup - 1/2 Ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	0.042061	0.057068	0.720198	0.002153	0.012686	0.004486	217.8048	0.00194	0.005069
5	L-02	Site Development/Staging Yards	Pickup - 1 Ton	Diesel	410	4	2026	8	40	320	95	304	16	passenger	0.112621	0.604868	0.675053	0.002296	0.102756	0.09033	242.3598	0.005231	0.038184
6	L-02	Site Development/Staging Yards	Semi Truck	Diesel	500	2	2026	4	40	160	95	152	8	hhdt	0.025873	0.859084	0.320922	0.005729	0.049896	0.022022	604.9636	0.001202	0.095312
7	L-03	Below-Grade Construction	Truck - Water 4 K	Diesel	300	2	2026	4	40	160	95	152	8	vendor	0.009124	0.423257	0.06381	0.003877	0.024176	0.010384	409.4185	0.000424	0.064504
8	L-03	Below-Grade Construction	Pickup - 1/2 Ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	0.042061	0.057068	0.720198	0.002153	0.012686	0.004486	217.8048	0.00194	0.005069
9	L-03	Below-Grade Construction	Pickup - 1 Ton	Diesel	410	4	2026	8	40	320	95	304	16	passenger	0.112621	0.604868	0.675053	0.002296	0.102756	0.09033	242.3598	0.005231	0.038184
10	L-03	Below-Grade Construction	Truck - Concrete	Diesel	425	4	2026	8	60	480	95	456	24	hhdt	0.057446	2.433526	0.668621	0.016751	0.149569	0.065952	1768.935	0.002668	0.278696
11	L-03	Below-Grade Construction	Truck - Dump 10-12 Yd	Diesel	415	3	2026	6	40	240	95	228	12	hhdt	0.038809	1.348627	0.481383	0.008593	0.074845	0.033034	907.4454	0.001803	0.142968
12	L-04	Above-Grade Construction	Pickup - 1/2 Ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	0.042061	0.057068	0.720198	0.002153	0.012686	0.004486	217.8048	0.00194	0.005069
13	L-04	Above-Grade Construction	Pickup - 1 Ton	Diesel	410	4	2026	8	40	320	95	304	16	passenger	0.112621	0.604868	0.675053	0.002296	0.102756	0.09033	242.3598	0.005231	0.038184
14	L-04	Above-Grade Construction	Welding Truck	Diesel	415	4	2026	8	40	320	95	152	8	vendor	0.009124	0.423257	0.06381	0.003877	0.024176	0.010384	409.4185	0.000424	0.064504
15	P-05	Foundation Installation	Truck - Concrete	Diesel	425	4	2026	8	60	480	95	456	24	hhdt	0.057446	2.433526	0.668621	0.016751	0.149569	0.065952	1768.935	0.002668	0.278696
16	P-05	Foundation Installation	Pickup - 1 Ton	Diesel	410	4	2026	8	60	480	95	456	24	passenger	0.168932	0.907303	1.01258	0.003445	0.154133	0.135495	363.5397	0.007847	0.057276
17	P-05	Foundation Installation	Truck - Water 4 K	Diesel	300	2	2026	4	60	240	95	228	12	vendor	0.013247	0.603851	0.080859	0.005774	0.036224	0.015538	609.7323	0.000615	0.096064
18	P-05	Foundation Installation	Truck - Dump 10-12 Yd	Diesel	415	2	2026	4	40	160	95	152	8	hhdt	0.025873	0.859084	0.320922	0.005729	0.049896	0.022022	604.9636	0.001202	0.095312
19	P-06	Structure Installation	Pickup - 1/2 Ton	Gasoline	395	2	2026	4	40	160	95	152	8	passenger	0.021031	0.028534	0.360099	0.001077	0.006343	0.002243	108.9024	0.00197	0.002535
20	P-06	Structure Installation	Pickup - 1 Ton	Diesel	410	2	2026	4	40	160	95	152	8	passenger	0.084466	0.453651	0.50629	0.001722	0.077067	0.067747	181.7699	0.001922	0.028638
21	P-06	Structure Installation	Truck - Water 4 K	Diesel	300	2	2026	4	60	240	95	228	12	vendor	0.013247	0.603851	0.080859	0.005774	0.036224	0.015538	609.7323	0.000615	0.096064
22	P-06	Structure Installation	Jet Fuel Truck	Diesel	300	1	2026	2	40	80	95	76	4	vendor	0.004562	0.211628	0.031905	0.001938	0.012088	0.005192	204.7093	0.000212	0.032252
23	P-07	Conductor Installation	Jet Fuel Truck	Diesel	300	1	2026	2	40	80	95	76	4	vendor	0.004562	0.211628	0.031905	0.001938	0.012088	0.005192	204.7093	0.000212	0.032252
24	P-07	Conductor Installation	Pickup - 1/2 ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	0.042061	0.057068	0.720198	0.002153	0.012686	0.004486	217.8048	0.00194	0.005069
25	P-07	Conductor Installation	Pickup - 1 Ton	Diesel	410	4	2026	8	40	320	95	456	24	passenger	0.168932	0.907303	1.01258	0.003445	0.154133	0.135495	363.5397	0.007847	0.057276
26	P-07	Conductor Installation	Truck - Water 4 K	Diesel	300	2	2026	4	60	240	95	228	12	vendor	0.013247	0.603851	0.080859	0.005774	0.036224	0.015538	609.7323	0.000615	0.096064
27	L-08	Access Road Construction	Pickup - 1/2 ton	Gasoline	395	2	2026	4	40	160	95	152	8	passenger	0.021031	0.028534	0.360099	0.001077	0.006343	0.002243	108.9024	0.00197	0.002535
28	L-08	Access Road Construction	Pickup - 1 ton	Diesel	410	2	2026	4	40	160	95	152	8	passenger	0.056311	0.302434	0.337527	0.001148	0.051378	0.045165	121.1799	0.002616	0.019092
29	L-08	Access Road Construction	Pickup - 1 Ton Yd	Diesel	415	2	2026	4	40	160	95	152	8	hhdt	0.025873	0.859084	0.320922	0.005729	0.049896	0.022022	604.9636	0.001202	0.095312
30	L-08	Access Road Construction	Truck - Water 4 K	Diesel	300	2	2026	4	40	160	95	152	8	vendor	0.009124	0.423257	0.06381	0.003877	0.024176	0.010384	409.4185	0.000424	0.064504
31	L-09	Foundation Installation	Truck - Concrete	Diesel	425	4	2026	8	60	480	95	456	24	hhdt	0.057446	2.433526	0.668621	0.016751	0.149569	0.065952	1768.935	0.002668	0.278696
32	L-09	Foundation Installation	Pickup - 1 Ton	Diesel	410	4	2026	8	40	320	95	304	16	passenger	0.112621	0.604868	0.675053	0.002296	0.102756	0.09033	242.3598	0.005231	0.038184
33	L-09	Foundation Installation	Truck - Water 4 K	Diesel	300	2	2026	4	40	160	95	152	8	vendor	0.009124	0.423257	0.06381	0.003877	0.024176	0.010384	409.4185	0.000424	0.064504
34	L-09	Foundation Installation	Truck - Dump 10-12 Yd	Diesel	415	2	2026	4	40	160	95	152	8	hhdt	0.025873	0.859084	0.320922	0.005729	0.049896	0.022022	604.9636	0.001202	0.095312
35	L-10	Structure Installation	Pickup - 1/2 Ton	Gasoline	395	2	2026	4	40	160	95	152	8	passenger	0.021031	0.028534	0.360099	0.001077	0.006343	0.002243	108.9024	0.00197	0.002535
36	L-10	Structure Installation	Pickup - 1 ton	Diesel	410	2	2026	4	40	160	95	152	8	passenger	0.056311	0.302434	0.337527	0.001148	0.051378	0.045165	121.1799	0.002616	0.019092
37	L-10	Structure Installation	Truck - Water 4 K	Diesel	300	2	2026	4	40	160	95	152	8	vendor	0.009124	0.423257	0.06381	0.003877	0.024176	0.010384	409.4185	0.000424	0.064504
38	L-11	Conductor Installation	Jet Fuel Truck	Diesel	300	1	2026	2	60	120	95	114	6	vendor	0.006624	0.301925	0.04043	0.002887	0.018112	0.007769	304.8662	0.000308	0.048032
39	L-11	Conductor Installation	Pickup - 1/2 ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	0.042061	0.057068	0.720198	0.002153	0.012686	0.004486	217.8048	0.00194	0.005069
40	L-11	Conductor Installation	Pickup - 1 Ton	Diesel	410	4	2026	8	40	320	95	304	16	passenger	0.112621	0.604868	0.675053	0.002296	0.102756	0.09033	242.3598	0.005231	0.038184
41	L-11	Conductor Installation	Truck - Water 4 K	Diesel	300	2	2026	4	40	160	95	152	8	vendor	0.009124	0.423257	0.06381	0.003877	0.024176	0.010384	409.4185	0.000424	0.064504
42	L-15	Southern Transition Approach Construction	Truck - Dump 10-12 Yd	Diesel	415	4	2026	8	40	320	95	304	16	hhdt	0.051745	1.798169	0.641844	0.011457	0.099793	0.044045	1209.927	0.002403	0.190625
43	L-15	Southern Transition Approach Construction	Onshore Trucks	Diesel	300	4	2026	8	60	480	95	456	24	vendor	0.026495	1.207701	0.161719	0.011548	0.072447	0.031076	1219.465	0.001231	0.192127
44	L-16	Substation Getaways	Pickup - 1/2 Ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	0.042061	0.057068	0.720198	0.002153	0.012686	0.004486	217.8048	0.00194	0.005069
45	L-16	Substation Getaways	Pickup - 1 Ton	Diesel	410	4	2026	8	40	320	95	304	16	passenger	0.112621	0.604868	0.675053	0.002296	0.102756	0.09033	242.3598	0.005231	0.038184
46	L-16	Substation Getaways	Welding Truck	Diesel	415	2	2026	4	40	160	95	152	8	vendor	0.009124	0.423257	0.06381	0.003877	0.024176	0.010384	409.4185	0.000424	0.064504
47	P-17	Distribution Extension to Substation	Pickup - 1/2 ton	Gasoline	395	2	2026	4	40	160	95	152	8	passenger	0.021031	0.028534	0.360099	0.001077	0.006343	0.002243	108.9024	0.00197	0.002535
48	P-17	Distribution Extension to Substation	Pickup - 1 Ton	Diesel	410	2	2026	4	40	160	95	228	12	passenger	0.084466	0.453651	0.50629	0.001722	0.077067	0.067747	181.7699	0.001922	0.028638
49	P-17	Distribution Extension to Substation	Truck - Dump 10-12 Yd	Diesel	415	2	2026	4	40	160	95	152	8	hhdt	0.025873	0.859084	0.320922	0.005729	0.049896	0.022022	604.9636	0.001202	0.095312
50	P-17	Distribution Extension to Substation	Truck - Concrete	Diesel	425	4	2026	8	60	480	95	456	24	hhdt	0.057446	2.433526	0.668621	0.016751	0.149569	0.065952	1768.935	0.002668	0.278696
51	L-18	Fiber Extension to Substation	Truck - Dump 10-12 Yd	Diesel	415	3	2026	6	40	240	95	228	12	hhdt	0.038809	1.348627	0.481383	0.008593	0.074845	0.033034	907.4454	0.001803	0.142968
52	L-18	Fiber Extension to Substation	Pickup - 1 Ton	Diesel	410	3	2026	6	40	240	95	228	12	passenger	0.084466	0.453651	0.50629	0.001722	0.077067	0.067747	181.7699	0.001923	0.028638
53	L-18	Fiber Extension to Substation	Truck - Concrete	Diesel	425	2	2026	4	60	240	95	228	12	hhdt	0.028723	1.216763	0.334311	0.008375	0.074784	0.032976	884.4675	0.001134	0.139348
54	P-19	Pittsburg Substation Upgrades	Pickup - 1/2 Ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	0.042061	0.057068	0.720198	0.002153	0.012686	0.004486	217.8048	0.00194	0.005069
55	P-19	Pittsburg Substation Upgrades	Pickup - 1 Ton	Diesel	410	4	2026	8	60	480	95	456	24	passenger	0.084466	0.453651	0.50629	0.001722	0.077067	0.067747	181.7699	0.001922	0.028638
56	P-19	Pittsburg Substation Upgrades	Welding Truck	Diesel	395	1	2026	2	60	120	95	114	6	vendor	0.006624	0.301925	0.04043	0.002887	0.018112	0.007769	304.8662	0.000308	0.048032
57	P-19	Pittsburg Substation Upgrades	Truck - Water 4 K	Diesel	300	1	2026	2	60	120	95	114	6	vendor	0.006624	0.301925	0.04043	0.002887	0.018112	0.007769	304.8662	0.000308	0.048032
58	P-19	Pittsburg Substation Upgrades	Truck - Concrete	Diesel	425	4	2026	8	60	480	95	456	24	hhdt	0.057446	2.433526	0.668621	0.016751	0.149569	0.065952	1768.935	0.002668	0.278696
59	P-19	Pittsburg Substation Upgrades	Truck - Dump 10-12 Yd	Diesel	415	4	2026	8	40	320	95	304	16	hhdt	0.051745	1.798169	0.641844	0.011457	0.099793	0.044045	1209.927	0.002403	0.190625
60	L-20	Commissioning and Testing	Pickup - 1/2 Ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	0.042061	0.057068	0.720198	0.002153	0.012686	0.004486	217.8048	0.00194	0.005069
61	L-20	Commissioning and Testing	Pickup - 1 Ton	Diesel	410	4	2026	8	40	320	95	304	16	passenger	0.112621	0.604868	0.675053	0.002296	0.102756	0.09033	242.3598	0.005231	0.038184
62	L-20	Commissioning and Testing	Truck - Water 4 K	Diesel	300	2	2026	4	80	320	95	304	16	vendor	0.018248	0.846513	0.127619	0.007754	0.048351	0.020768	818.8371	0.000848	0.129008
63	L-21	Cleanup and Restoration	Pickup - 1 Ton	Diesel	410	4	2026	8	40	320	95	304	16	passenger	0.112621	0.604868	0.675053	0.002296	0.102756	0.09033	242.3598	0.005231	0.038184
64	L-21	Cleanup and Restoration	Truck - Water 4 K	Diesel	300	2	2026	4	40	160	95	152	8	vendor	0.009124	0.423257	0.06381	0.003877	0.024176	0.010384	409.4185	0.000424	0.064504
65	L-21	Cleanup and Restoration	Pickup - 1/2 Ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	0.042061	0.057068	0.720198	0.002153	0.012686	0.004486	217.8048	0.00194	0.005069
66	L-21	Cleanup and Restoration	Truck - Dump 10-12 Yd	Diesel	415	2	2026	4	40	160	95	152	8	hhdt	0.025873	0.859084	0.320922	0.005729	0.049896	0.022022	604.9636	0.001202	0.095312
67	L-01	Survey	Worker Commute	Gasoline	NA	4	2026	8	60	480	100	480	0	passenger	0.047227	0.082851	1.045261	0.003223	0.019008	0.00671	326.0088	0.005178	0.007193
68	L-02	Site Development/Staging Yards	Worker Commute	Gasoline	NA	40	2026	80	60	4800	100	4800	0	passenger	0.141681	0.248552	3.135783	0.009669	0.057025	0.020129	978.0264	0.015534	0.021878
69	L-03	Below-Grade Construction	Worker Commute	Gasoline	NA	40	2026	80	60	4800	100	4800	0	passenger	0.141681	0.248552	3.135783	0.009669	0.057025	0.020129	978.0264	0.015534	0.021878
70	L-04	Above-Grade Construction	Worker Commute	Gasoline	NA	30	2026	60	60	3600	100	3600	0	passenger	0.106207	0.267126	2.351153	0.008057	0.047521	0.016774	815.022	0.012945	0.018232
71	P-05	Foundation Installation	Worker Commute	Gasoline	NA	15	2026	30	60	1800	100	1800	0	passenger	0.177101	0.310689	3.919729	0.012086	0.071281	0.025161	1222.533	0.019417	0.027347
72	P-06	Structure Installation	Worker Commute	Gasoline	NA	15	2026	30	60	1800	100	1800	0	passenger	0.177101	0.310689	3.919729	0.012086	0.071281	0.025161	1222.533	0.019417	0.027347
73	P-07	Conductor Installation	Worker Commute	Gasoline	NA	30	2026	60	60	3600	100	3600	0	passenger	0.354202	0.621379	7.839458	0.024172	0.142562	0.050322	2445.066	0.038834	0.054695
74	L-08	Access Road Construction	Worker Commute	Gasoline	NA	12	2026	24	60	1440	100	1440	0	passenger	0.141681	0.248552	3.135783	0.009669	0.057025	0.020129	978.0264	0.015534	0.021878
75	L-09	Foundation Installation	Worker Commute	Gasoline	NA	12	2026	24	60	1440	100	1440	0	passenger	0.141681	0.248552	3.135783	0.009669	0.057025	0.020129	978.0264	0.015534	0.021878
76	L-10	Structure Installation	Worker Commute	Gasoline	NA	12	2026	24	60	1440	100	1440	0	passenger	0.141681	0.248552	3.135783	0.009669	0.057025	0.020129	978.0264	0.015534	0.021878
77	L-11	Conductor Installation	Worker Commute	Gasoline	NA	30	2026	60	60	3600	100	3600	0	passenger	0.354202	0.621379	7.839458	0.024172	0.142562	0.050322	2445.066	0.038834	0.054695
78	L-14	Submarine Cable Installation	Worker Commute	Gasoline	NA	25	2026	50	60	3000	100	3000	0	passenger	0.295168	0.517816	6.532881	0.020143	0.118802	0.041935	2037.555	0.032362	0.045579
79	L-15	Southern Transition Approach Construction	Worker Commute	Gasoline	NA	25	2026	50	60	3000	100	3000	0	passenger	0.295168	0.517816	6.532881	0.020143	0.118802	0.041935	2037.555	0.032362	0.045579
80	L-16	Substation Getaways	Worker Commute	Gasoline	NA	20	2026	40	60	2400	100	2400	0	passenger	0.236134	0.414253	5.226305	0.016115	0.095041	0.033548	1630.044	0.025889	0.036463
81	P-17	Distribution Extension to Substation	Worker Commute	Gasoline	NA	10	2026	20	60	1200	100	1200	0	passenger	0.118067	0.207126	2.613153	0.008057	0.047521	0.016774	815.022	0.012945	0.018232
82	L-18	Fiber Extension to Substation	Worker Commute	Gasoline	NA	12	2026	24	60	1440	100	1440	0	passenger	0.141681	0.248552	3.135783	0.009669	0.057025	0.020129	978.0264	0.015534	0.021878
83	P-19	Pittsburg Substation Upgrades	Worker Commute	Gasoline	NA	15	2026	30	60	1800	100	1800	0	passenger	0.177101	0.310689	3.919729	0.012086	0.071281	0.025161	1222.533	0.019417	0.027347
84	L-20	Commissioning and Testing	Worker Commute	Gasoline	NA	24	2026	48	60	2880	100	2880	0	passenger	0.283361	0.497103	6.271566	0.019338	0.11405	0.040258	1956.053	0.031067	0.043756
85	L-21	Cleanup and Restoration	Worker Commute	Gasoline	NA	12	2026	24	60	1440	100	1440	0	passenger	0.141681	0.248552	3.135783	0.009669	0.057025	0.020129	978.0264	0.015534	0.021878
86	P-22	Foundation Installation	Truck - Concrete	Diesel	425	2	2026	4	60	240	95	228	12	hhdt	0.028723	1.216763	0.334311	0.008375	0.074784	0.032976	884.4675	0.001134	0.139348
87	P-22	Foundation Installation	Pickup - 1 Ton	Diesel	410	2	2026	4	40	240	95	228	12	passenger	0.084466	0.453651	0.50629	0.001722	0.077067	0.067747	181.7699	0.001923	0.028638
88	P-22	Foundation Installation	Truck - Water 4 K	Diesel	300	1	2026	2	60	120	95	114	6	vendor	0.006624	0.301925	0.04043	0.002887	0.018112	0.007769	304.8662	0.000308	0.048032
89	P-22	Foundation Installation	Truck - Dump 10-12 Yd	Diesel	415	1	2026	2	40	80	95	76	4	hhdt	0.012936	0.449542	0.160461	0.002864	0.024948	0.011011	302.4818	0.000601	0.047656
90	P-23	Structure and Conductor Installation	Pickup - 1/2 ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	0.042061	0.057068	0.720198	0.002153	0.012686	0.004486	217.8048	0.00194	0.005069
91	P-23	Structure and Conductor Installation	Pickup - 1 ton	Diesel	410	4	2026	8	40	320	95	456	24	passenger	0.168932	0.907303	1.01258	0.003445	0.154133	0.135495	363.5397	0.007847	0.057276
92	P-23	Structure and Conductor Installation	Truck - Water 4 K	Diesel	300	1	2026	2	60	120	95	114	6	vendor	0.006624	0.301925	0.04043	0.002887	0.018112	0.007769	304.8662	0.000308	0.048032
93	P-28	Helicopter Use	Jet Fuel Truck	Diesel	300	1	2026	2	40	80	95	76	4	vendor	0.004562	0.211628	0.031905	0.001938	0.012088	0.005192	204.7093	0.000212	0.032252
94	P-22	Foundation Installation	Worker Commute	Gasoline	NA	15	2026	30	60	1800	100	1800	0	passenger	0.177101	0.310689	3.919729	0.012086	0.071281	0.025161	1222.533	0.019417	0.027347
95	P-23	Structure and Conductor Installation	Worker Commute	Gasoline	NA	30	2026	60	60	3600	100	3600	0	passenger	0.354202	0.621379	7.839458	0.024172	0.142562	0.050322	2445.066	0.038834	0.054695
96	P-28	Helicopter Use	Worker Commute	Gasoline	NA	4	2026	8	60	480	100	480	0	passenger	0.047227	0.082851	1.045261	0.003223	0.019008	0.00671	326.0088	0.005178	0.007193
97	L-24	Northern Transition Approach Construction	Pickup - 1/2 Ton	Diesel	415	1	2026	2	40	80	95	76	4	hhdt	0.012936	0.449542	0.160461	0.002864	0.024948	0.011011	302.4818	0.000601	0.047656
98	L-24	Northern Transition Approach Construction	Worker Commute	Gasoline	NA	20	2026	40	60	2400	100	2400	0	passenger	0.236134	0.414253	5.226305	0.016115	0.095041	0.033548	1630.044	0.025889	0.036463
99	P-25	Tesla Substation Upgrades	Pickup - 1/2 Ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	0.042061	0.057068	0.720198	0.002153	0.012686	0.004486	217.8048	0.00194	0.005069
100	P-25	Tesla Substation Upgrades	Pickup - 1 Ton	Diesel	410	4	2026	8	60	480	95	456	24	passenger	0.168932	0.907303	1.01258	0.003445	0.154133	0.135495	363.5397	0.007847	0.057276
101	P-25	Tesla Substation Upgrades	Truck - Concrete	Diesel	425	1	2026	2	60	120	95	114	6	hhdt	0.014362	0.608182	0.167155	0.004188	0.037392	0.016488	442.2338	0.000667	0.069674
102	P-25	Tesla Substation Upgrades	Truck - Dump 10-12 Yd	Diesel	415	1	2026	2	40	80	95	76	4	hhdt	0.012936	0.449542	0.160461	0.002864	0.024948	0.011011	302.4818	0.000601	0.047656
103	P-26	Vaca Dixon Substation Upgrades	Pickup - 1/2 Ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	0.042061	0.057068	0.720198	0.002153	0.012686	0.004486	217.8048	0.00194	0.005069
104	P-26	Vaca Dixon Substation Upgrades	Pickup - 1 Ton	Diesel	410	4	2026	8	60	480	95	456	24	passenger	0.168932	0.907303	1.01258	0.003445	0.154133	0.135495	363.5397	0.007847	0.057276
105	P-26	Vaca Dixon Substation Upgrades	Truck - Concrete	Diesel	425	1	2026	2	60	120	95	114	6	hhdt	0.014362	0.608182	0.167155	0.004188	0.037392	0.016488	442.2338	0.000667	0.069674
106	P-26	Vaca Dixon Substation Upgrades	Truck - Dump 10-12 Yd	Diesel	415	1	2026	2	40	80	95	76	4	hhdt	0.012936	0.449542	0.160461	0.002864	0.024948	0.011011	302.4818	0.000601	0.047656
107	P-25	Tesla Substation Upgrades	Worker Commute	Gasoline	NA	15	2026	30	60	1800	100	1800	0	passenger	0.177101	0.310689	3.919729	0.012086	0.071281	0.025161	1222.533	0.019417	0.027347
108	P-26	Vaca Dixon Substation Upgrades	Worker Commute	Gasoline	NA	15	2026	30	60	1800	100	1800	0	passenger	0.177101	0.310689	3.919729	0.012086	0.071281	0.025161	1222.533	0.019417	0.027347

Table 28: On-Road Uncontrolled Exhaust Emissions (tons)

Count	Activity Index	Days Used	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
1	L-01	26	0.000273	0.000371	0.004681	1.3995E-05	8.25E-05	2.91577E-05	1.415731	2.56076E-05	3.29506E-05
2	L-02	76	0.000693	0.032168	0.00485	0.000294648	0.001837	0.000789191	31.11581	3.22075E-05	0.004902308
3	L-02	76	0.002458	0.085413	0.030488	0.000544221	0.00474	0.002092126	57.47154	0.000114163	0.009054665
4	L-02	76	0.001598	0.002169	0.027368	8.18224E-05	0.000482	0.00017046

Count	Activity Index	Activity Name	Equipment Name	Fuel Type	HP	Quantity	Year	Trips/Day	Trip Length	VMT	Paved Percent	Paved VMT	Unpaved VMT	On Type	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
109	P-27	PG&E IT Work	Pickup - 1/2 Ton	Gasoline	395	4		8	40	320	95	304	16	passenger	0.042061	0.057068	0.720198	0.002153	0.012686	0.004486	217.8048	0.00394	0.005069
110	P-27	PG&E IT Work	Pickup - 1 Ton	Diesel	410	2		4	60	240	95	228	12	passenger	0.084466	0.453651	0.50629	0.001722	0.077067	0.067747	181.7699	0.003923	0.028618
111	P-27	PG&E IT Work	Truck - Water 4 K	Diesel	300	1		2	60	120	95	114	6	vendor	0.006624	0.301925	0.04043	0.002887	0.018112	0.007769	304.8662	0.000308	0.048032
112	P-27	PG&E IT Work	Truck - Concrete	Diesel	425	4		8	60	480	95	456	24	hhdt	0.057446	2.433526	0.668621	0.016751	0.149569	0.065952	1768.935	0.002668	0.278696
113	P-27	PG&E IT Work	Truck - Dump 10-12 Yd	Diesel	415	2		4	40	160	95	152	8	hhdt	0.025873	0.899084	0.320922	0.005729	0.049896	0.022022	604.9636	0.001202	0.095312
114	P-27	PG&E IT Work	Worker Commute	Gasoline	NA	15		30	60	1800	100	1800	0	passenger	0.177101	0.310689	3.919729	0.012086	0.071281	0.025161	1222.533	0.019417	0.027347

Count	Activity Index	Days Used	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
109	P-27	202	0.004248	0.005764	0.07274	0.000217475	0.00128	0.000453066	21.99828	0.000397903	0.000512002
110	P-27	202	0.008531	0.045819	0.051135	0.000173959	0.00778	0.006842489	18.35876	0.000396251	0.00289243
111	P-27	150	0.000497	0.022644	0.003032	0.000216518	0.001358	0.000582678	22.86496	2.3074E-05	0.003602384
112	P-27	150	0.004308	0.182514	0.050147	0.001256307	0.011218	0.004946422	132.6701	0.000200117	0.020902233
113	P-27	150	0.00194	0.067431	0.024069	0.000429648	0.00374	0.001651679	45.37227	9.01288E-05	0.00714842
114	P-27	202	0.017887	0.03138	0.395893	0.001220684	0.007199	0.002541263	123.4758	0.001961107	0.002762089

Table 29: On-Road Controlled Daily Exhaust Emissions (pounds/day)

Count	Activity Index	Activity Name	Equipment Name	Fuel Type	HP	Quantity	Year	Trips/Day	Trip Length	VMT	Paved Percent	Paved VMT	Unpaved VMT	On Type	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
1	L-01	Survey	Pickup - 1/2 Ton	Gasoline	395	2	2026	4	40	160	95	152	8	passenger	0.021031	0.028534	0.360099	0.001077	0.006343	0.002243	108.9024	0.00197	0.002535
2	L-02	Site Development/Staging Yards	Truck - Water 4 K	Diesel	300	4	2026	8	40	320	95	304	16	passenger	0.018248	0.846513	0.127619	0.007754	0.048351	0.020768	818.8371	0.000848	0.129008
3	L-02	Site Development/Staging Yards	Truck - Dump 10-12 Yd	Diesel	415	5	2026	10	40	400	95	380	20	hhdt	0.064682	2.247711	0.802305	0.014322	0.124741	0.055056	1512.409	0.003004	0.238281
4	L-02	Site Development/Staging Yards	Pickup - 1/2 Ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	0.042061	0.057068	0.720198	0.002153	0.012686	0.004486	217.8048	0.00394	0.005069
5	L-02	Site Development/Staging Yards	Pickup - 1 Ton	Diesel	410	4	2026	8	40	320	95	304	16	passenger	0.112621	0.604868	0.675053	0.002296	0.102756	0.09033	242.3598	0.005231	0.038184
6	L-02	Site Development/Staging Yards	Semi Truck	Diesel	500	2	2026	4	40	160	95	152	8	hhdt	0.025873	0.899084	0.320922	0.005729	0.049896	0.022022	604.9636	0.001202	0.095312
7	L-03	Below-Grade Construction	Truck - Water 4 K	Diesel	300	2	2026	4	40	160	95	152	8	vendor	0.009124	0.423257	0.06381	0.003877	0.024176	0.010384	409.4185	0.00042	0.064504
8	L-03	Below-Grade Construction	Pickup - 1/2 Ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	0.042061	0.057068	0.720198	0.002153	0.012686	0.004486	217.8048	0.00394	0.005069
9	L-03	Below-Grade Construction	Pickup - 1 Ton	Diesel	410	4	2026	8	40	320	95	304	16	passenger	0.112621	0.604868	0.675053	0.002296	0.102756	0.09033	242.3598	0.005231	0.038184
10	L-03	Below-Grade Construction	Truck - Concrete	Diesel	425	4	2026	8	60	480	95	456	24	hhdt	0.057446	2.433526	0.668621	0.016751	0.149569	0.065952	1768.935	0.002668	0.278696
11	L-03	Below-Grade Construction	Truck - Dump 10-12 Yd	Diesel	415	3	2026	6	40	240	95	228	12	hhdt	0.038809	1.348627	0.481383	0.008593	0.074845	0.033034	907.4454	0.001801	0.142968
12	L-04	Above-Grade Construction	Pickup - 1/2 Ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	0.042061	0.057068	0.720198	0.002153	0.012686	0.004486	217.8048	0.00394	0.005069
13	L-04	Above-Grade Construction	Pickup - 1 Ton	Diesel	410	4	2026	8	40	320	95	304	16	passenger	0.112621	0.604868	0.675053	0.002296	0.102756	0.09033	242.3598	0.005231	0.038184
14	L-04	Above-Grade Construction	Welding Truck	Diesel	395	2	2026	4	40	160	95	152	8	vendor	0.009124	0.423257	0.06381	0.003877	0.024176	0.010384	409.4185	0.00042	0.064504
15	P-05	Foundation Installation	Truck - Concrete	Diesel	425	4	2026	8	60	480	95	456	24	hhdt	0.057446	2.433526	0.668621	0.016751	0.149569	0.065952	1768.935	0.002668	0.278696
16	P-05	Foundation Installation	Pickup - 1 Ton	Diesel	410	4	2026	8	60	480	95	456	24	passenger	0.168932	0.907303	1.01258	0.003445	0.154133	0.135495	363.5397	0.007847	0.057276
17	P-05	Foundation Installation	Truck - Water 4 K	Diesel	300	2	2026	4	60	240	95	228	12	vendor	0.013247	0.603851	0.080859	0.005774	0.036224	0.015538	609.7323	0.000615	0.096064
18	P-05	Foundation Installation	Truck - Dump 10-12 Yd	Diesel	415	3	2026	4	60	160	95	152	8	hhdt	0.025873	0.899084	0.320922	0.005729	0.049896	0.022022	604.9636	0.001202	0.095312
19	P-06	Structure Installation	Pickup - 1/2 Ton	Gasoline	395	2	2026	4	40	160	95	152	8	passenger	0.021031	0.028534	0.360099	0.001077	0.006343	0.002243	108.9024	0.00197	0.002535
20	P-06	Structure Installation	Pickup - 1 Ton	Diesel	410	2	2026	4	40	240	95	228	12	passenger	0.084466	0.453651	0.50629	0.001722	0.077067	0.067747	181.7699	0.003921	0.028638
21	P-06	Structure Installation	Truck - Water 4 K	Diesel	300	2	2026	4	60	240	95	228	12	vendor	0.013247	0.603851	0.080859	0.005774	0.036224	0.015538	609.7323	0.000615	0.096064
22	P-06	Structure Installation	Jet Fuel Truck	Diesel	300	1	2026	2	40	80	95	76	4	vendor	0.004562	0.211628	0.031905	0.001938	0.012088	0.005192	204.7093	0.00021	0.032252
23	P-07	Conductor Installation	Jet Fuel Truck	Diesel	300	1	2026	2	40	80	95	76	4	vendor	0.004562	0.211628	0.031905	0.001938	0.012088	0.005192	204.7093	0.00021	0.032252
24	P-07	Conductor Installation	Pickup - 1/2 ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	0.042061	0.057068	0.720198	0.002153	0.012686	0.004486	217.8048	0.00394	0.005069
25	P-07	Conductor Installation	Pickup - 1 Ton	Diesel	410	4	2026	8	40	320	95	304	16	passenger	0.112621	0.604868	0.675053	0.002296	0.102756	0.09033	242.3598	0.005231	0.038184
26	P-07	Conductor Installation	Truck - Water 4 K	Diesel	300	2	2026	4	40	160	95	152	8	vendor	0.009124	0.423257	0.06381	0.003877	0.024176	0.010384	409.4185	0.00042	0.064504
27	L-08	Access Road Construction	Pickup - 1/2 ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	0.042061	0.057068	0.720198	0.002153	0.012686	0.004486	217.8048	0.00394	0.005069
28	L-08	Access Road Construction	Pickup - 1 ton	Diesel	410	2	2026	4	40	160	95	152	8	passenger	0.056311	0.302434	0.337527	0.001148	0.051378	0.045165	121.1799	0.002616	0.019092
29	L-08	Access Road Construction	Truck - Dump 10-12 Yd	Diesel	415	2	2026	4	40	160	95	152	8	hhdt	0.025873	0.899084	0.320922	0.005729	0.049896	0.022022	604.9636	0.001202	0.095312
30	L-08	Access Road Construction	Truck - Water 4 K	Diesel	300	2	2026	4	40	160	95	152	8	vendor	0.009124	0.423257	0.06381	0.003877	0.024176	0.010384	409.4185	0.00042	0.064504
31	L-09	Foundation Installation	Truck - Concrete	Diesel	425	4	2026	8	60	480	95	456	24	hhdt	0.057446	2.433526	0.668621	0.016751	0.149569	0.065952	1768.935	0.002668	0.278696
32	L-09	Foundation Installation	Pickup - 1 Ton	Diesel	410	4	2026	8	40	320	95	304	16	passenger	0.112621	0.604868	0.675053	0.002296	0.102756	0.09033	242.3598	0.005231	0.038184
33	L-09	Foundation Installation	Truck - Water 4 K	Diesel	300	2	2026	4	40	160	95	152	8	vendor	0.009124	0.423257	0.06381	0.003877	0.024176	0.010384	409.4185	0.00042	0.064504
34	L-09	Foundation Installation	Truck - Dump 10-12 Yd	Diesel	415	2	2026	4	40	160	95	152	8	hhdt	0.025873	0.899084	0.320922	0.005729	0.049896	0.022022	604.9636	0.001202	0.095312
35	L-10	Structure Installation	Pickup - 1 Ton	Gasoline	395	2	2026	4	40	160	95	152	8	passenger	0.021031	0.028534	0.360099	0.001077	0.006343	0.002243	108.9024	0.00197	0.002535
36	L-10	Structure Installation	Pickup - 1 ton	Diesel	410	2	2026	4	40	160	95	152	8	passenger	0.056311	0.302434	0.337527	0.001148	0.051378	0.045165	121.1799	0.002616	0.019092
37	L-10	Structure Installation	Truck - Water 4 K	Diesel	300	2	2026	4	40	160	95	152	8	vendor	0.009124	0.423257	0.06381	0.003877	0.024176	0.010384	409.4185	0.00042	0.064504
38	L-11	Conductor Installation	Jet Fuel Truck	Diesel	300	1	2026	2	60	120	95	114	6	vendor	0.006624	0.301925	0.04043	0.002887	0.018112	0.007769	304.8662	0.000308	0.048032
39	L-11	Conductor Installation	Pickup - 1/2 ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	0.042061	0.057068	0.720198	0.002153	0.012686	0.004486	217.8048	0.00394	0.005069
40	L-11	Conductor Installation	Pickup - 1 Ton	Diesel	410	4	2026	8	40	320	95	304	16	passenger	0.112621	0.604868	0.675053	0.002296	0.102756	0.09033	242.3598	0.005231	0.038184
41	L-11	Conductor Installation	Truck - Water 4 K	Diesel	300	2	2026	4	40	160	95	152	8	vendor	0.009124	0.423257	0.06381	0.003877	0.024176	0.010384	409.4185	0.00042	0.064504
42	L-15	Southern Transition Approach Construction	Truck - Dump 10-12 Yd	Diesel	415	4	2026	8	40	320	95	304	16	hhdt	0.051745	1.798169	0.641844	0.011457	0.099793	0.044045	1209.927	0.002403	0.190625
43	L-15	Southern Transition Approach Construction	Onshore Trucks	Diesel	300	4	2026	8	60	480	95	456	24	vendor	0.026495	1.207701	0.161719	0.011548	0.072447	0.031078	1219.465	0.001231	0.192127
44	L-16	Substation Getaways	Pickup - 1/2 Ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	0.042061	0.057068	0.720198	0.002153	0.012686	0.004486	217.8048	0.00394	0.005069
45	L-16	Substation Getaways	Pickup - 1 Ton	Diesel	410	4	2026	8	40	320	95	304	16	passenger	0.112621	0.604868	0.675053	0.002296	0.102756	0.09033	242.3598	0.005231	0.038184
46	L-16	Substation Getaways	Welding Truck	Diesel	395	2	2026	4	40	160	95	152	8	vendor	0.009124	0.423257	0.06381	0.003877	0.024176	0.010384	409.4185	0.00042	0.064504
47	P-17	Distribution Extension to Substation	Pickup - 1/2 ton	Gasoline	395	2	2026	4	40	160	95	152	8	passenger	0.021031	0.028534	0.360099	0.001077	0.006343	0.002243	108.9024	0.00197	0.002535
48	P-17	Distribution Extension to Substation	Pickup - 1 Ton	Diesel	410	2	2026	4	40	240	95	228	12	passenger	0.084466	0.453651	0.50629	0.001722	0.077067	0.067747	181.7699	0.003921	0.028638
49	P-17	Distribution Extension to Substation	Truck - Dump 10-12 Yd	Diesel	415	2	2026	4	40	160	95	152	8	hhdt	0.025873	0.899084	0.320922	0.005729	0.049896	0.022022	604.9636	0.001202	0.095312
50	P-17	Distribution Extension to Substation	Truck - Concrete	Diesel	425	4	2026	8	60	480	95	456	24	hhdt	0.057446	2.433526	0.668621	0.016751	0.149569	0.065952	1768.935	0.002668	0.278696
51	L-18	Fiber Extension to Substation	Truck - Dump 10-12 Yd	Diesel	415	3	2026	6	40	240	95	228	12	hhdt	0.038809	1.348627	0.481383	0.008593	0.074845	0.033034	907.4454	0.001801	0.142968
52	L-18	Fiber Extension to Substation	Pickup - 1 Ton	Diesel	410	3	2026	6	40	240	95	228	12	passenger	0.084466	0.453651	0.50629	0.001722	0.077067	0.067747	181.7699	0.003923	0.028638
53	L-18	Fiber Extension to Substation	Truck - Concrete	Diesel	425	2	2026	4	60	240	95	228	12	hhdt	0.028723	1.216763	0.334311	0.008375	0.074784	0.032976	884.4675	0.001334	0.139348
54	P-19	Pittsburg Substation Upgrades	Pickup - 1/2 Ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	0.042061	0.057068	0.720198	0.002153	0.012686	0.004486	217.8048	0.00394	0.005069
55	P-19	Pittsburg Substation Upgrades	Pickup - 1 Ton	Diesel	410	4	2026	8	60	240	95	228	12	passenger	0.084466	0.453651	0.50629	0.001722	0.077067	0.067747	181.7699	0.003921	0.028638
56	P-19	Pittsburg Substation Upgrades	Welding Truck	Diesel	395	1	2026	2	60	120	95	114	6	vendor	0.006624	0.301925	0.04043	0.002887	0.018112	0.007769	304.8662	0.000308	0.048032
57	P-19	Pittsburg Substation Upgrades	Truck - Water 4 K	Diesel	300	1	2026	2	60	120	95	114	6	vendor	0.006624	0.301925	0.04043	0.002887	0.018112	0.007769	304.8662	0.000308	0.048032
58	P-19	Pittsburg Substation Upgrades	Truck - Concrete	Diesel	425	4	2026	8	60	480	95	456	24	hhdt	0.057446	2.433526	0.668621	0.016751	0.149569	0.065952	1768.935	0.002668	0.278696
59	P-19	Pittsburg Substation Upgrades	Truck - Dump 10-12 Yd	Diesel	415	4	2026	8	40	320	95	304	16	hhdt	0.051745	1.798169	0.641844	0.011457	0.099793	0.044045	1209.927	0.002403	0.190625
60	L-20	Commissioning and Testing	Pickup - 1 Ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	0.042061	0.057068	0.720198	0.002153	0.012686	0.004486	217.8048	0.00394	0.005069
61	L-20	Commissioning and Testing	Pickup - 1 Ton	Diesel	410	4	2026	8	40	320	95	304	16	passenger	0.112621	0.604868	0.675053	0.002296	0.102756	0.09033	242.3598	0.005231	0.038184
62	L-20	Commissioning and Testing	Truck - Water 4 K	Diesel	300	1	2026	2	80	160	95	152	8	vendor	0.013247	0.603851	0.080859	0.005774	0.036224	0.015538	609.7323	0.000615	0.096064
63	L-21	Cleanup and Restoration	Truck - Dump 10-12 Yd	Diesel	415	4	2026	8	40	320	95	304	16	passenger	0.112621	0.604868	0.675053	0.002296	0.102756	0.09033	242.3598	0.005231	0.038184
64	L-21	Cleanup and Restoration	Truck - Water 4 K	Diesel	300	2	2026	4	40	160	95	152	8	vendor	0.009124	0.423257	0.06381	0.003877	0.024176	0.010384	409.4185	0.00042	0.064504
65	L-21	Cleanup and Restoration	Pickup - 1/2 Ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	0.042061	0.057068	0.720198	0.002153	0.012686	0.004486	217.8048	0.00394	0.005069
66	L-21	Cleanup and Restoration	Pickup - 1 Ton	Diesel	415	2	2026	4	40	160	95	152	8	hhdt	0.025873	0.899084	0.320922	0.005729	0.049896	0.022022	604.9636	0.001202	0.095312
67	L-01	Site Development/Staging Yards	Worker Commute	Gasoline	NA	4	2026	8	40	480	100	480	0	passenger	0.047227	0.082851	1.045261	0.003223	0.019008	0.00671	326.0089	0.005178	0.007293
68	L-02	Site Development/Staging Yards	Worker Commute	Gasoline	NA	12	2026	24	60	1440	100	1440	0	passenger	0.141681	0.248552	3.135783	0.009669	0.057025	0.020129	978.0264	0.015534	0.021878
69	L-03	Below-Grade Construction	Worker Commute	Gasoline	NA	40	2026	80	60	4800	100	4800	0	passenger	0.472269	0.828505	10.45261	0.032229	0.190083	0.067096	3260.088	0.051778	0.072926
70	L-04	Above-Grade Construction	Worker Commute	Gasoline	NA	30	2026	60	60	3600	100	3600	0	passenger	0.354202	0.621379	7.839458	0.024172	0.142562	0.050322	2445.066	0.038834	0.054695
71	P-05	Foundation Installation	Worker Commute	Gasoline	NA	15	2026	30	60	1800	100	1800	0	passenger	0.177101	0.310689	3.919729	0.012086	0.071281	0.025161	1222.533	0.019417	0.027347
72	P-06	Structure Installation	Worker Commute	Gasoline	NA	15	2026	30	60	1800	100	1800	0	passenger	0.177101	0.310689	3.919729	0.012086	0.071281	0.025161	1222.533	0.019417	0.027347
73	P-07	Conductor Installation	Worker Commute	Gasoline	NA	30	2026	60	60	3600	100	3600	0	passenger	0.354202	0.621379	7.839458	0.024172	0.142562	0.050322	2445.066	0.038834	0.054695
74	L-08	Access Road Construction	Worker Commute	Gasoline	NA	12	2026	24	60	1440	100	1440	0	passenger	0.141681	0.248552	3.135783	0.009669	0.057025	0.020129	978.0264	0.015534	0.021878
75	L-09	Foundation Installation	Worker Commute	Gasoline	NA	12	2026	24	60	1440	100	1440	0	passenger	0.141681	0.248552	3.135783	0.009669	0.057025	0.020129	978.0264	0.015534	0.021878
76	L-10	Structure Installation	Worker Commute	Gasoline	NA	12	2026	24	60	1440	100	1440	0	passenger	0.141681	0.248552	3.135783	0.009669	0.057025	0.020129	978.0264	0.015534	0.021878
77	L-11	Conductor Installation	Worker Commute	Gasoline	NA	30	2026	60	60	3600	100	3600	0	passenger	0.354202	0.621379	7.839458	0.024172	0.142562	0.050322	2445.066	0.038834	0.054695
78	L-14	Submarine Cable Installation	Worker Commute	Gasoline	NA	25	2026	50	60	3000	100	3000	0	passenger	0.295168	0.517816	6.532881	0.020143	0.118802	0.041935	2037.555	0.032362	0.045579
79	L-15	Southern Transition Approach Construction	Worker Commute	Gasoline	NA	25	2026	50	60	3000	100	3000	0	passenger	0.295168	0.517816	6.532881	0.020143	0.118802	0.041935	2037.555	0.032362	0.045579
80	L-16	Substation Getaways	Worker Commute	Gasoline	NA	20	2026	40	60	2400	100	2400	0	passenger	0.236134	0.414253	5.226305	0.016115	0.095041	0.033548	1630.044	0.025889	0.036463
81	P-17	Distribution Extension to Substation	Worker Commute	Gasoline	NA	10	2026	20	60	1200	100	1200	0	passenger	0.118067	0.207126	2.613153	0.008057	0.047521	0.016774	815.022	0.012945	0.018232
82	L-18	Fiber Extension to Substation	Worker Commute	Gasoline	NA	12	2026	24	60	1440	100	1440	0	passenger	0.141681	0.248552	3.135783	0.009669	0.057025	0.020129	978.0264	0.015534	0.021878
83	P-19	Pittsburg Substation Upgrades	Worker Commute	Gasoline	NA	15	2026	30	60	1800	100	1800	0	passenger	0.177101	0.310689	3.919729	0.012086	0.071281	0.025161	1222.533	0.019417	0.027347
84	L-20	Commissioning and Testing	Worker Commute	Gasoline	NA	24	2026	48	60	2880	100	2880	0	passenger	0.283361	0.497103	6.271566	0.019338	0.11405	0.040258	1956.053	0.031067	0.043756
85	L-21	Cleanup and Restoration	Worker Commute	Gasoline	NA	12	2026	24	60	1440	100	1440	0	passenger	0.141681	0.248552	3.135783	0.009669	0.057025	0.020129	978.0264	0.015534	0.021878
86	P-22	Foundation Installation	Truck - Concrete	Diesel	425	2	2026	4	60	240	95	228	12	hhdt	0.028723	1.216763	0.334311	0.008375	0.074784	0.032976	884.4675	0.001334	0.139348
87	P-22	Foundation Installation	Pickup - 1 Ton	Diesel	410	2	2026	4	60	240	95	228	12	passenger	0.084466	0.453651	0.50629	0.001722	0.077067	0.067747	181.7699	0.003923	0.028638
88	P-22	Foundation Installation	Truck - Water 4 K	Diesel	300	1	2026	2	60	120	95	114	6	vendor	0.006624	0.301925	0.04043	0.002887	0.018112	0.007769	304.8662	0.000308	0.048032
89	P-22	Foundation Installation	Truck - Dump 10-12 Yd	Diesel	415	1	2026	2	40	80	95	76	4	hhdt	0.012916	0.449542	0.160461	0.002864	0.024948	0.011011	302.4818	0.000601	0.047656
90	P-23	Structure and Conductor Installation	Pickup - 1/2 ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	0.042061	0.057068	0.720198	0.002153	0.012686	0.004486	217.8048	0.00394	0.005069
91	P-23	Structure and Conductor Installation	Pickup - 1 ton	Diesel	410	4	2026	8	40	320	95	304	16	passenger	0.168932	0.907303	1.01258	0.003445	0.154133	0.135495	363.5397	0.007847	0.057276
92	P-23	Structure and Conductor Installation	Truck - Water 4 K	Diesel	300	1	2026	2	60	120	95	114	6	vendor	0.006624	0.301925	0.04043	0.002887	0.018112	0.007769	304.8662	0.000308	0.048032
93	P-28	Helicopter Use	Jet Fuel Truck	Diesel	300	1	2026	2	40	80	95	76	4	vendor	0.004562	0.211628	0.031905	0.001938	0.012088	0.005192	204.7093	0.00021	0.032252
94	P-22	Foundation Installation	Worker Commute	Gasoline	NA	15	2026	30	60	1800	100	1800	0	passenger	0.177101	0.310689	3.919729	0.012086	0.071281	0.025161	1222.533	0.019417	0.027347
95	P-23	Structure and Conductor Installation	Worker Commute	Gasoline	NA	30	2026	60	60	3600	100	3600	0	passenger	0.354202	0.621379	7.839458	0.024172	0.142562	0.050322	2445.066	0.038834	0.054695
96	P-28	Helicopter Use	Worker Commute	Gasoline	NA	4	2026	8	60	480	100	480	0	passenger	0.047227	0.082851	1.045261	0.003223	0.019008	0.00671	326.0089	0.005178	0.007293
97	L-24	Northern Transition Approach Construction	Truck - Dump 10-12 Yd	Diesel	415	1	2026	2	40	80	95	76	4	hhdt	0.012916	0.449542	0.160461	0.002864	0.024948	0.011011	302.4818	0.000601	0.047656
98	L-24	Northern Transition Approach Construction	Worker Commute	Gasoline	NA	20	2026	40	60	2400	100	2400	0	passenger	0.236134	0.414253	5.226305	0.016115	0.095041	0.033548	1630.044	0.025889	0.036463
99	P-25	Tesla Substation Upgrades	Pickup - 1/2 Ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	0.042061	0.057068	0.720198	0.002153	0.012686	0.004486	217.8048	0.00394	0.005069
100	P-25	Tesla Substation Upgrades	Pickup - 1 Ton	Diesel	410	4	2026	8	60	480	95	456	24	passenger	0.168932	0.907303	1.01258	0.003445	0.154133	0.135495	363.5397	0.007847	0.057276
101	P-25	Tesla Substation Upgrades	Truck - Concrete	Diesel	425	1	2026	2	60	120	95	114	6	hhdt	0.014362	0.608382	0.167155	0.004189	0.037392	0.016488	442.2338	0.000667	0.069674
102	P-25	Tesla Substation Upgrades	Truck - Dump 10-12 Yd	Diesel	415	1	2026	2	40	80	95	76	4	hhdt	0.012916	0.449542	0.160461	0.002864	0.024948	0.011011	302.4818	0.000601	0.047656
103	P-26	Vaca Dixon Substation Upgrades	Pickup - 1/2 Ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	0.042061	0.057068	0.720198	0.002153	0.012686	0.004486	217.8048	0.00394	0.005069
104	P-26	Vaca Dixon Substation Upgrades	Pickup - 1 Ton	Diesel	410	4	2026	8	60	480	95	456	24	passenger	0.168932	0.907303	1.01258	0.003445	0.154133	0.135495	363.5397	0.007847	0.057276
105	P-26	Vaca Dixon Substation Upgrades	Truck - Concrete	Diesel	425	1	2026	2	60	120	95	114	6	hhdt	0.014362	0.608382	0.167155	0.004188	0.037392	0.016488	442.2338	0.000667	0.069674
106	P-26	Vaca Dixon Substation Upgrades	Truck - Dump 10-12 Yd	Diesel	415	1	2026	2	40	80	95	76	4	hhdt	0.012916	0.449542	0.160461	0.002864	0.024948	0.011011	302.4818	0.000601	0.047656
107	P-25	Tesla Substation Upgrades	Worker Commute	Gasoline	NA	15	2026	30	60	1800	100	1800	0	passenger	0.177101	0.310689	3.919729	0.012086	0.071281	0.025161	1222.533	0.019417	0.027347
108	P-26	Vaca Dixon Substation Upgrades	Worker Commute	Gasoline	NA	15	2026	30	60	1800	100	1800	0	passenger	0.177101	0.310689	3.919729	0.012086	0.071281	0.025161	1222.533	0.019417	0.027347

Table 30: On-Road Controlled Exhaust Emissions (tons)

Count	Activity Index	Days Used	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
1	L-01	28	0.000273	0.000371	0.004681	1.39959E-05	8.25E-05	2.91577E-05	1.415731	2.56076E-05	3.29506E-05
2	L-02	76	0.000693	0.032168	0.00485	0.000294648	0.001837	0.000789191	31.11581	3.22075E-05	0.004902308
3	L-02	76	0.002458	0.085413	0.030489	0.000544221	0.00474	0.002092126	57.47154	0.000114163	0.009054665
4	L-02	76	0.001598	0.002169	0.027368	8.18224E-05	0.000482	0.00

Count	Activity Index	Activity Name	Equipment Name	Fuel Type	HP	Quantity	Year	Trips/Day	Trip Length	VMT	Paved Percent	Paved VMT	Unpaved VMT	On Type	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
109	P-27	PG&E IT Work	Pickup - 1/2 Ton	Gasoline	395	4		8	40	320	95	304	16	passenger	0.042061	0.057068	0.720198	0.002153	0.012686	0.004486	217.8048	0.00394	0.005069
110	P-27	PG&E IT Work	Pickup - 1 Ton	Diesel	410	2		4	60	240	95	228	12	passenger	0.084466	0.453651	0.50629	0.001722	0.077067	0.067747	181.7699	0.003923	0.028638
111	P-27	PG&E IT Work	Truck - Water 4 K	Diesel	300	1		2	60	120	95	114	6	vendor	0.006624	0.301925	0.04043	0.002887	0.018112	0.007769	304.8662	0.000308	0.048032
112	P-27	PG&E IT Work	Truck - Concrete	Diesel	425	4		8	60	480	95	456	24	hhdt	0.057446	2.433526	0.668621	0.016751	0.149569	0.065952	1768.935	0.002668	0.278696
113	P-27	PG&E IT Work	Truck - Dump 10-12 Yd	Diesel	415	2		4	40	160	95	152	8	hhdt	0.025873	0.899084	0.320922	0.005729	0.049896	0.022022	604.9636	0.001202	0.095312
114	P-27	PG&E IT Work	Worker Commute	Gasoline	NA	15		30	60	1800	100	1800	0	passenger	0.177101	0.310689	3.919729	0.012086	0.071281	0.025161	1222.533	0.019417	0.027347

Count	Activity Index	Days Used	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O
109	P-27	202	0.004248	0.005764	0.07274	0.000217475	0.001281	0.000453066	21.99828	0.000397903	0.000512002
110	P-27	202	0.008531	0.045819	0.051135	0.000173959	0.007784	0.006842489	18.35876	0.000396251	0.00289243
111	P-27	150	0.000497	0.022644	0.003032	0.000216518	0.001358	0.000582678	22.86496	2.3074E-05	0.003602384
112	P-27	150	0.004308	0.182514	0.050147	0.001256307	0.011218	0.004946422	132.6701	0.000200117	0.020902233
113	P-27	150	0.00194	0.067431	0.024069	0.000429648	0.003742	0.001651679	45.37227	9.0128BE-05	0.00714842
114	P-27	202	0.017887	0.03138	0.395893	0.001220684	0.007199	0.002541263	123.4758	0.001961107	0.002762089

Table 31: On-Road Uncontrolled Daily Dust Emissions (pounds/day)

Count	Activity Index	Activity Name	Equipment Name	Fuel Type	HP	Quantity	Year	Trips/Day	Trip Length	VMT	Paved Percent	Paved VMT	Unpaved VMT	On Type	PM10	PM2.5
1	L-01	Survey	Pickup - 1/2 Ton	Gasoline	395	2	2026	4	40	160	95	152	8	passenger	11.81022	1.193615
2	L-02	Site Development/Staging Yards	Truck - Water 4 K	Diesel	300	4	2026	8	40	320	95	304	16	vendor	23.62045	2.38723
3	L-02	Site Development/Staging Yards	Truck - Dump 10-12 Yd	Diesel	415	5	2026	10	40	400	95	380	20	hhdt	29.52556	2.984038
4	L-02	Site Development/Staging Yards	Pickup - 1/2 Ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	23.62045	2.38723
5	L-02	Site Development/Staging Yards	Pickup - 1 Ton	Diesel	410	4	2026	8	40	320	95	304	16	passenger	23.62045	2.38723
6	L-02	Site Development/Staging Yards	Semi Truck	Diesel	500	2	2026	4	40	160	95	152	8	hhdt	11.81022	1.193615
7	L-03	Below-Grade Construction	Truck - Water 4 K	Diesel	300	2	2026	4	40	160	95	152	8	vendor	11.81022	1.193615
8	L-03	Below-Grade Construction	Pickup - 1/2 Ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	23.62045	2.38723
9	L-03	Below-Grade Construction	Pickup - 1 Ton	Diesel	410	4	2026	8	40	320	95	304	16	passenger	23.62045	2.38723
10	L-03	Below-Grade Construction	Truck - Concrete	Diesel	425	4	2026	8	60	480	95	456	24	hhdt	35.43067	3.580845
11	L-03	Below-Grade Construction	Truck - Dump 10-12 Yd	Diesel	415	3	2026	6	40	240	95	228	12	hhdt	17.71533	1.790423
12	L-04	Above-Grade Construction	Pickup - 1/2 Ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	23.62045	2.38723
13	L-04	Above-Grade Construction	Pickup - 1 Ton	Diesel	410	4	2026	8	40	320	95	304	16	passenger	23.62045	2.38723
14	L-04	Above-Grade Construction	Welding Truck	Diesel	395	2	2026	4	40	160	95	152	8	vendor	11.81022	1.193615
15	P-05	Foundation Installation	Truck - Concrete	Diesel	425	4	2026	8	60	480	95	456	24	hhdt	35.43067	3.580845
16	P-05	Foundation Installation	Pickup - 1 Ton	Diesel	410	4	2026	8	60	480	95	456	24	passenger	35.43067	3.580845
17	P-05	Foundation Installation	Truck - Water 4 K	Diesel	300	2	2026	4	60	240	95	228	12	vendor	17.71533	1.790423
18	P-05	Foundation Installation	Truck - Dump 10-12 Yd	Diesel	415	2	2026	4	40	160	95	152	8	hhdt	11.81022	1.193615
19	P-06	Structure Installation	Pickup - 1/2 ton	Gasoline	395	2	2026	4	40	160	95	152	8	passenger	11.81022	1.193615
20	P-06	Structure Installation	Pickup - 1 ton	Diesel	410	2	2026	4	60	240	95	228	12	passenger	17.71533	1.790423
21	P-06	Structure Installation	Truck - Water 4 K	Diesel	300	2	2026	4	60	240	95	228	12	vendor	17.71533	1.790423
22	P-06	Structure Installation	Jet Fuel Truck	Diesel	300	1	2026	2	40	80	95	76	4	vendor	5.905111	0.596808
23	P-07	Conductor Installation	Jet Fuel Truck	Diesel	300	1	2026	2	40	80	95	76	4	vendor	5.905111	0.596808
24	P-07	Conductor Installation	Pickup - 1/2 ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	23.62045	2.38723
25	P-07	Conductor Installation	Pickup - 1 Ton	Diesel	410	4	2026	8	60	480	95	456	24	passenger	35.43067	3.580845
26	P-07	Conductor Installation	Truck - Water 4 K	Diesel	300	2	2026	4	60	240	95	228	12	vendor	17.71533	1.790423
27	L-08	Access Road Construction	Pickup - 1/2 ton	Gasoline	395	2	2026	4	40	160	95	152	8	passenger	11.81022	1.193615
28	L-08	Access Road Construction	Pickup - 1 ton	Diesel	410	2	2026	4	40	160	95	152	8	passenger	11.81022	1.193615
29	L-08	Access Road Construction	Truck - Dump 10-12 Yd	Diesel	415	2	2026	4	40	160	95	152	8	hhdt	11.81022	1.193615
30	L-08	Access Road Construction	Truck - Water 4 K	Diesel	300	2	2026	4	40	160	95	152	8	vendor	11.81022	1.193615
31	L-09	Foundation Installation	Truck - Concrete	Diesel	425	4	2026	8	60	480	95	456	24	hhdt	35.43067	3.580845
32	L-09	Foundation Installation	Pickup - 1 Ton	Diesel	410	4	2026	8	40	320	95	304	16	passenger	23.62045	2.38723
33	L-09	Foundation Installation	Truck - Water 4 K	Diesel	300	2	2026	4	40	160	95	152	8	vendor	11.81022	1.193615
34	L-09	Foundation Installation	Truck - Dump 10-12 Yd	Diesel	415	2	2026	4	40	160	95	152	8	hhdt	11.81022	1.193615
35	L-10	Structure Installation	Pickup - 1/2 ton	Gasoline	395	2	2026	4	40	160	95	152	8	passenger	11.81022	1.193615
36	L-10	Structure Installation	Pickup - 1 ton	Diesel	410	2	2026	4	40	160	95	152	8	passenger	11.81022	1.193615
37	L-10	Structure Installation	Truck - Water 4 K	Diesel	300	2	2026	4	40	160	95	152	8	vendor	11.81022	1.193615
38	L-11	Conductor Installation	Jet Fuel Truck	Diesel	300	1	2026	2	60	120	95	114	6	vendor	8.857667	0.895211
39	L-11	Conductor Installation	Pickup - 1/2 ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	23.62045	2.38723
40	L-11	Conductor Installation	Pickup - 1 Ton	Diesel	410	4	2026	8	40	320	95	304	16	passenger	23.62045	2.38723
41	L-11	Conductor Installation	Truck - Water 4 K	Diesel	300	2	2026	4	40	160	95	152	8	vendor	11.81022	1.193615
42	L-15	Southern Transition Approach Construction	Truck - Dump 10-12 Yd	Diesel	415	4	2026	8	40	320	95	304	16	hhdt	23.62045	2.38723
43	L-15	Southern Transition Approach Construction	Onshore Trucks	Diesel	300	4	2026	8	60	480	95	456	24	vendor	35.43067	3.580845
44	L-16	Substation Getaways	Pickup - 1/2 Ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	23.62045	2.38723
45	L-16	Substation Getaways	Pickup - 1 Ton	Diesel	410	4	2026	8	40	320	95	304	16	passenger	23.62045	2.38723
46	L-16	Substation Getaways	Welding Truck	Diesel	395	2	2026	4	40	160	95	152	8	vendor	11.81022	1.193615
47	P-17	Distribution Extension to Substation	Pickup - 1/2 ton	Gasoline	395	2	2026	4	40	160	95	152	8	passenger	11.81022	1.193615
48	P-17	Distribution Extension to Substation	Pickup - 1 Ton	Diesel	410	2	2026	4	60	240	95	228	12	passenger	17.71533	1.790423
49	P-17	Distribution Extension to Substation	Truck - Dump 10-12 Yd	Diesel	415	2	2026	4	40	160	95	152	8	hhdt	11.81022	1.193615
50	P-17	Distribution Extension to Substation	Truck - Concrete	Diesel	425	4	2026	8	60	480	95	456	24	hhdt	35.43067	3.580845
51	L-18	Fiber Extension to Substation	Truck - Dump 10-12 Yd	Diesel	415	3	2026	6	40	240	95	228	12	hhdt	17.71533	1.790423
52	L-18	Fiber Extension to Substation	Pickup - 1 Ton	Diesel	410	3	2026	6	40	240	95	228	12	passenger	17.71533	1.790423
53	L-18	Fiber Extension to Substation	Truck - Concrete	Diesel	425	2	2026	4	60	240	95	228	12	hhdt	17.71533	1.790423
54	P-19	Pittsburg Substation Upgrades	Pickup - 1/2 Ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	23.62045	2.38723
55	P-19	Pittsburg Substation Upgrades	Pickup - 1 Ton	Diesel	410	2	2026	4	60	240	95	228	12	passenger	17.71533	1.790423
56	P-19	Pittsburg Substation Upgrades	Welding Truck	Diesel	395	1	2026	2	60	120	95	114	6	vendor	8.857667	0.895211
57	P-19	Pittsburg Substation Upgrades	Truck - Water 4 K	Diesel	300	1	2026	2	60	120	95	114	6	vendor	8.857667	0.895211
58	P-19	Pittsburg Substation Upgrades	Truck - Concrete	Diesel	425	4	2026	8	60	480	95	456	24	hhdt	35.43067	3.580845
59	P-19	Pittsburg Substation Upgrades	Truck - Dump 10-12 Yd	Diesel	415	4	2026	8	40	320	95	304	16	hhdt	23.62045	2.38723
60	L-20	Commissioning and Testing	Pickup - 1/2 Ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	23.62045	2.38723
61	L-20	Commissioning and Testing	Pickup - 1 Ton	Diesel	410	4	2026	8	40	320	95	304	16	passenger	23.62045	2.38723
62	L-20	Commissioning and Testing	Truck - Water 4 K	Diesel	300	1	2026	2	40	80	95	76	4	vendor	5.905111	0.596808
63	L-21	Cleanup and Restoration	Pickup - 1 Ton	Diesel	410	4	2026	8	40	320	95	304	16	passenger	23.62045	2.38723
64	L-21	Cleanup and Restoration	Truck - Water 4 K	Diesel	300	2	2026	4	40	160	95	152	8	vendor	11.81022	1.193615
65	L-21	Cleanup and Restoration	Pickup - 1/2 Ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	23.62045	2.38723
66	L-21	Cleanup and Restoration	Truck - Dump 10-12 Yd	Diesel	415	2	2026	4	40	160	95	152	8	hhdt	11.81022	1.193615
67	L-01	Survey	Worker Commute	Gasoline	NA	4	2026	8	60	480	100	480	0	passenger	0.317538	0.079384
68	L-02	Site Development/Staging Yards	Worker Commute	Gasoline	NA	12	2026	24	60	1440	100	1440	0	passenger	0.952613	0.238153
69	L-03	Below-Grade Construction	Worker Commute	Gasoline	NA	40	2026	80	60	4800	100	4800	0	passenger	3.175376	0.793844
70	L-04	Above-Grade Construction	Worker Commute	Gasoline	NA	30	2026	60	60	3600	100	3600	0	passenger	2.381532	0.595383
71	P-05	Foundation Installation	Worker Commute	Gasoline	NA	15	2026	30	60	1800	100	1800	0	passenger	1.190766	0.297691
72	P-06	Structure Installation	Worker Commute	Gasoline	NA	15	2026	30	60	1800	100	1800	0	passenger	1.190766	0.297691
73	P-07	Conductor Installation	Worker Commute	Gasoline	NA	30	2026	60	60	3600	100	3600	0	passenger	2.381532	0.595383

Table 32: On-Road Uncontrolled Dust Emissions (tons)

Count	Activity Index	Days Used	PM10	PM2.5
1	L-01	26	0.153533	0.015517
2	L-02	76	0.897577	0.090715
3	L-02	76	1.121971	0.113393
4	L-02	76	0.897577	0.090715
5	L-02	76	0.897577	0.090715
6	L-02	76	0.448788	0.045357
7	L-03	152	0.897577	0.090715
8	L-03	152	1.795154	0.181429
9	L-03	152	1.795154	0.181429
10	L-03	152	2.692731	0.272144
11	L-03	152	1.346365	0.136072
12	L-04	333	3.932804	0.397474
13	L-04	333	3.932804	0.397474
14	L-04	333	1.966402	0.198737
15	P-05	54	0.956628	0.096683
16	P-05	70	1.240073	0.12533
17	P-05	70	0.620037	0.062665
18	P-05	20	0.118102	0.011936
19	P-06	40	0.236204	0.023872
20	P-06	40	0.354307	0.035808
21	P-06	40	0.354307	0.035808
22	P-06	13	0.038383	0.003879
23	P-07	12	0.035431	0.003581
24	P-07	40	0.472409	0.047745
25	P-07	40	0.708613	0.071617
26	P-07	40	0.354307	0.035808
27	L-08	16	0.094482	0.009549
28	L-08	16	0.094482	0.009549
29	L-08	16	0.094482	0.009549
30	L-08	16	0.094482	0.009549
31	L-09	22	0.389737	0.039389
32	L-09	22	0.259825	0.02626
33	L-09	22	0.129912	0.01313
34	L-09	22	0.129912	0.01313
35	L-10	24	0.141723	0.014323
36	L-10	24	0.141723	0.014323
37	L-10	24	0.141723	0.014323
38	L-11	26	0.11515	0.011638
39	L-11	26	0.307066	0.031034
40	L-11	26	0.307066	0.031034
41	L-11	26	0.153533	0.015517
42	L-15	138	1.629811	0.164719
43	L-15	138	2.444716	0.247078
44	L-16	70	0.826716	0.083553
45	L-16	70	0.826716	0.083553
46	L-16	70	0.413358	0.041777
47	P-17	51	0.301161	0.030437
48	P-17	51	0.451741	0.045656
49	P-17	51	0.301161	0.030437
50	P-17	51	0.903482	0.091312
51	L-18	103	0.91234	0.092207
52	L-18	103	0.91234	0.092207
53	L-18	103	0.91234	0.092207
54	P-19	250	2.952556	0.298404
55	P-19	250	2.214417	0.223803
56	P-19	144	0.637752	0.064455
57	P-19	144	0.637752	0.064455
58	P-19	144	2.551008	0.257821
59	P-19	144	1.700672	0.171881
60	L-20	174	2.054979	0.207689
61	L-20	174	2.054979	0.207689
62	L-20	174	0.513745	0.051922
63	L-21	140	1.653431	0.167106
64	L-21	140	0.826716	0.083553
65	L-21	140	1.653431	0.167106
66	L-21	140	0.826716	0.083553
67	L-01	26	0.004128	0.001032
68	L-02	76	0.036199	0.00905
69	L-03	152	0.241329	0.060332
70	L-04	333	0.396525	0.099131
71	P-05	70	0.041677	0.010419
72	P-06	40	0.023815	0.005954
73	P-07	40	0.047631	0.011908

Count	Activity Index	Activity Name	Equipment Name	Fuel Type	HP	Quantity	Year	Trips/Day	Trip Length	VMT	Paved Percent	Paved VMT	Unpaved VMT	On Type	PM10	PM2.5
74	L-08	Access Road Construction	Worker Commute	Gasoline	NA	12	2026	24	60	1440	100	1440	0	passenger	0.952613	0.238153
75	L-09	Foundation Installation	Worker Commute	Gasoline	NA	12	2026	24	60	1440	100	1440	0	passenger	0.952613	0.238153
76	L-10	Structure Installation	Worker Commute	Gasoline	NA	12	2026	24	60	1440	100	1440	0	passenger	0.952613	0.238153
77	L-11	Conductor Installation	Worker Commute	Gasoline	NA	30	2026	60	60	3600	100	3600	0	passenger	2.381532	0.595383
78	L-14	Submarine Cable Installation	Worker Commute	Gasoline	NA	25	2026	50	60	3000	100	3000	0	passenger	1.98461	0.496152
79	L-15	Southern Transition Approach Construction	Worker Commute	Gasoline	NA	25	2026	50	60	3000	100	3000	0	passenger	1.98461	0.496152
80	L-16	Substation Getaways	Worker Commute	Gasoline	NA	20	2026	40	60	2400	100	2400	0	passenger	1.587688	0.396922
81	P-17	Distribution Extension to Substation	Worker Commute	Gasoline	NA	10	2026	20	60	1200	100	1200	0	passenger	0.793844	0.198461
82	L-18	Fiber Extension to Substation	Worker Commute	Gasoline	NA	12	2026	24	60	1440	100	1440	0	passenger	0.952613	0.238153
83	P-19	Pittsburg Substation Upgrades	Worker Commute	Gasoline	NA	15	2026	30	60	1800	100	1800	0	passenger	1.190766	0.297691
84	L-20	Commissioning and Testing	Worker Commute	Gasoline	NA	24	2026	48	60	2880	100	2880	0	passenger	1.905225	0.476306
85	L-21	Cleanup and Restoration	Worker Commute	Gasoline	NA	12	2026	24	60	1440	100	1440	0	passenger	0.952613	0.238153
86	P-22	Foundation Installation	Truck - Concrete	Diesel	425	2	2026	4	60	240	95	228	12	hhdt	17.71533	1.790423
87	P-22	Foundation Installation	Pickup - 1 Ton	Diesel	410	2	2026	4	60	240	95	228	12	passenger	17.71533	1.790423
88	P-22	Foundation Installation	Truck - Water 4 K	Diesel	300	1	2026	2	60	120	95	114	6	vendor	8.857667	0.895211
89	P-22	Foundation Installation	Truck - Dump 10-12 Yd	Diesel	415	1	2026	2	40	80	95	76	4	hhdt	5.905111	0.596808
90	P-23	Structure and Conductor Installation	Pickup - 1/2 ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	23.62045	2.38723
91	P-23	Structure and Conductor Installation	Pickup - 1 ton	Diesel	410	4	2026	8	60	480	95	456	24	passenger	35.43067	3.580845
92	P-23	Structure and Conductor Installation	Truck - Water 4 K	Diesel	300	1	2026	2	60	120	95	114	6	vendor	8.857667	0.895211
93	P-28	Helicopter Use	Jet Fuel Truck	Diesel	300	1	2026	2	40	80	95	76	4	vendor	5.905111	0.596808
94	P-22	Foundation Installation	Worker Commute	Gasoline	NA	15	2026	30	60	1800	100	1800	0	passenger	1.190766	0.297691
95	P-23	Structure and Conductor Installation	Worker Commute	Gasoline	NA	30	2026	60	60	3600	100	3600	0	passenger	2.381532	0.595383
96	P-28	Helicopter Use	Worker Commute	Gasoline	NA	4	2026	8	60	480	100	480	0	passenger	0.317538	0.079384
97	L-24	Northern Transition Approach Construction	Truck - Dump 10-12 Yd	Diesel	415	1	2026	2	40	80	95	76	4	hhdt	5.905111	0.596808
98	L-24	Northern Transition Approach Construction	Worker Commute	Gasoline	NA	20	2026	40	60	2400	100	2400	0	passenger	1.587688	0.396922
99	P-25	Tesla Substation Upgrades	Pickup - 1/2 Ton	Gasoline	395	4		8	40	320	95	304	16	passenger	23.62045	2.38723
100	P-25	Tesla Substation Upgrades	Pickup - 1 Ton	Diesel	410	4		8	60	480	95	456	24	passenger	35.43067	3.580845
101	P-25	Tesla Substation Upgrades	Truck - Concrete	Diesel	425	1		2	60	120	95	114	6	hhdt	8.857667	0.895211
102	P-25	Tesla Substation Upgrades	Truck - Dump 10-12 Yd	Diesel	415	1		2	40	80	95	76	4	hhdt	5.905111	0.596808
103	P-26	Vaca Dixon Substation Upgrades	Pickup - 1/2 Ton	Gasoline	395	4		8	40	320	95	304	16	passenger	23.62045	2.38723
104	P-26	Vaca Dixon Substation Upgrades	Pickup - 1 Ton	Diesel	410	4		8	60	480	95	456	24	passenger	35.43067	3.580845
105	P-26	Vaca Dixon Substation Upgrades	Truck - Concrete	Diesel	425	1		2	60	120	95	114	6	hhdt	8.857667	0.895211
106	P-26	Vaca Dixon Substation Upgrades	Truck - Dump 10-12 Yd	Diesel	415	1		2	40	80	95	76	4	hhdt	5.905111	0.596808
107	P-25	Tesla Substation Upgrades	Worker Commute	Gasoline	NA	15		30	60	1800	100	1800	0	passenger	1.190766	0.297691
108	P-26	Vaca Dixon Substation Upgrades	Worker Commute	Gasoline	NA	15		30	60	1800	100	1800	0	passenger	1.190766	0.297691
109	P-27	PG&E IT Work	Pickup - 1/2 Ton	Gasoline	395	4		8	40	320	95	304	16	passenger	23.62045	2.38723
110	P-27	PG&E IT Work	Pickup - 1 Ton	Diesel	410	2		4	60	240	95	228	12	passenger	17.71533	1.790423
111	P-27	PG&E IT Work	Truck - Water 4 K	Diesel	300	1		2	60	120	95	114	6	vendor	8.857667	0.895211
112	P-27	PG&E IT Work	Truck - Concrete	Diesel	425	4		8	60	480	95	456	24	hhdt	35.43067	3.580845
113	P-27	PG&E IT Work	Truck - Dump 10-12 Yd	Diesel	415	2		4	40	160	95	152	8	hhdt	11.81022	1.193615
114	P-27	PG&E IT Work	Worker Commute	Gasoline	NA	15		30	60	1800	100	1800	0	passenger	1.190766	0.297691

Count	Activity Index	Days Used	PM10	PM2.5
74	L-08	16	0.007621	0.001905
75	L-09	22	0.010479	0.00262
76	L-10	24	0.011431	0.002858
77	L-11	26	0.03096	0.00774
78	L-14	122	0.121061	0.030265
79	L-15	138	0.136938	0.034235
80	L-16	70	0.055569	0.013892
81	P-17	51	0.020243	0.005061
82	L-18	103	0.04906	0.012265
83	P-19	250	0.148846	0.037211
84	L-20	174	0.165755	0.041439
85	L-21	140	0.066683	0.016671
86	P-22	20	0.177153	0.017904
87	P-22	48	0.425168	0.04297
88	P-22	48	0.212584	0.021485
89	P-22	30	0.088577	0.008952
90	P-23	36	0.425168	0.04297
91	P-23	36	0.637752	0.064455
92	P-23	36	0.159438	0.016114
93	P-28	8	0.02362	0.002387
94	P-22	48	0.028578	0.007145
95	P-23	36	0.042868	0.010717
96	P-28	36	0.005716	0.001429
97	L-24	138	0.407453	0.04118
98	L-24	138	0.10955	0.027388
99	P-25	144	1.700672	0.171881
100	P-25	144	2.551008	0.257821
101	P-25	72	0.318876	0.032228
102	P-25	72	0.212584	0.021485
103	P-26	224	2.64549	0.26737
104	P-26	224	3.968235	0.401055
105	P-26	132	0.584606	0.059084
106	P-26	132	0.389737	0.039389
107	P-25	144	0.085735	0.021434
108	P-26	224	0.133366	0.033341
109	P-27	202	2.385665	0.24111
110	P-27	202	1.789249	0.180833
111	P-27	150	0.664325	0.067141
112	P-27	150	2.6573	0.268563
113	P-27	150	0.885767	0.089521
114	P-27	202	0.120267	0.030067

Table 33: On-Road Controlled Daily Dust Emissions (pounds/day)

Count	Activity Index	Activity Name	Equipment Name	Fuel Type	HP	Quantity	Year	Trips/Day	Trip Length	VMT	Paved Percent	Paved VMT	Unpaved VMT	On Type	PM10	PM2.5
1	L-01	Survey	Pickup - 1/2 Ton	Gasoline	395	2	2026	4	40	160	95	152	8	passenger	3.05139	0.319595
2	L-02	Site Development/Staging Yards	Truck - Water 4 K	Diesel	300	4	2026	8	40	320	95	304	16	ven dor	6.102781	0.639189
3	L-02	Site Development/Staging Yards	Truck - Dump 10-12 Yd	Diesel	415	5	2026	10	40	400	95	380	20	hhdt	7.628476	0.798986
4	L-02	Site Development/Staging Yards	Pickup - 1/2 Ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	6.102781	0.639189
5	L-02	Site Development/Staging Yards	Pickup - 1 Ton	Diesel	410	4	2026	8	40	320	95	304	16	passenger	6.102781	0.639189
6	L-02	Site Development/Staging Yards	Semi Truck	Diesel	500	2	2026	4	40	160	95	152	8	hhdt	3.05139	0.319595
7	L-03	Below-Grade Construction	Truck - Water 4 K	Diesel	300	2	2026	4	40	160	95	152	8	ven dor	3.05139	0.319595
8	L-03	Below-Grade Construction	Pickup - 1/2 Ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	6.102781	0.639189
9	L-03	Below-Grade Construction	Pickup - 1 Ton	Diesel	410	4	2026	8	40	320	95	304	16	passenger	6.102781	0.639189
10	L-03	Below-Grade Construction	Truck - Concrete	Diesel	425	4	2026	8	60	480	95	456	24	hhdt	9.154171	0.958784
11	L-03	Below-Grade Construction	Truck - Dump 10-12 Yd	Diesel	415	3	2026	6	40	240	95	228	12	hhdt	4.577085	0.479392
12	L-04	Above-Grade Construction	Pickup - 1/2 Ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	6.102781	0.639189
13	L-04	Above-Grade Construction	Pickup - 1 Ton	Diesel	410	4	2026	8	40	320	95	304	16	passenger	6.102781	0.639189
14	L-04	Above-Grade Construction	Welding Truck	Diesel	395	2	2026	4	40	160	95	152	8	ven dor	3.05139	0.319595
15	P-05	Foundation Installation	Truck - Concrete	Diesel	425	4	2026	8	60	480	95	456	24	hhdt	9.154171	0.958784
16	P-05	Foundation Installation	Pickup - 1 Ton	Diesel	410	4	2026	8	60	480	95	456	24	passenger	9.154171	0.958784
17	P-05	Foundation Installation	Truck - Water 4 K	Diesel	300	2	2026	4	60	240	95	228	12	ven dor	4.577085	0.479392
18	P-05	Foundation Installation	Truck - Dump 10-12 Yd	Diesel	415	2	2026	4	40	160	95	152	8	hhdt	3.05139	0.319595
19	P-06	Structure Installation	Pickup - 1/2 ton	Gasoline	395	2	2026	4	40	160	95	152	8	passenger	3.05139	0.319595
20	P-06	Structure Installation	Pickup - 1 ton	Diesel	410	2	2026	4	60	240	95	228	12	passenger	4.577085	0.479392
21	P-06	Structure Installation	Truck - Water 4 K	Diesel	300	2	2026	4	60	240	95	228	12	ven dor	4.577085	0.479392
22	P-06	Structure Installation	Jet Fuel Truck	Diesel	300	1	2026	2	40	80	95	76	4	ven dor	1.525695	0.159797
23	P-07	Conductor Installation	Jet Fuel Truck	Diesel	300	1	2026	2	40	80	95	76	4	ven dor	1.525695	0.159797
24	P-07	Conductor Installation	Pickup - 1/2 ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	6.102781	0.639189
25	P-07	Conductor Installation	Pickup - 1 Ton	Diesel	410	4	2026	8	60	480	95	456	24	passenger	9.154171	0.958784
26	P-07	Conductor Installation	Truck - Water 4 K	Diesel	300	2	2026	4	60	240	95	228	12	ven dor	4.577085	0.479392
27	L-08	Access Road Construction	Pickup - 1/2 ton	Gasoline	395	2	2026	4	40	160	95	152	8	passenger	3.05139	0.319595
28	L-08	Access Road Construction	Pickup - 1 ton	Diesel	410	2	2026	4	40	160	95	152	8	passenger	3.05139	0.319595
29	L-08	Access Road Construction	Truck - Dump 10-12 Yd	Diesel	415	2	2026	4	40	160	95	152	8	hhdt	3.05139	0.319595
30	L-08	Access Road Construction	Truck - Water 4 K	Diesel	300	2	2026	4	40	160	95	152	8	ven dor	3.05139	0.319595
31	L-09	Foundation Installation	Truck - Concrete	Diesel	425	4	2026	8	60	480	95	456	24	hhdt	9.154171	0.958784
32	L-09	Foundation Installation	Pickup - 1 Ton	Diesel	410	4	2026	8	40	320	95	304	16	passenger	6.102781	0.639189
33	L-09	Foundation Installation	Truck - Water 4 K	Diesel	300	2	2026	4	40	160	95	152	8	ven dor	3.05139	0.319595
34	L-09	Foundation Installation	Truck - Dump 10-12 Yd	Diesel	415	2	2026	4	40	160	95	152	8	hhdt	3.05139	0.319595
35	L-10	Structure Installation	Pickup - 1/2 ton	Gasoline	395	2	2026	4	40	160	95	152	8	passenger	3.05139	0.319595
36	L-10	Structure Installation	Pickup - 1 ton	Diesel	410	2	2026	4	40	160	95	152	8	passenger	3.05139	0.319595
37	L-10	Structure Installation	Truck - Water 4 K	Diesel	300	2	2026	4	40	160	95	152	8	ven dor	3.05139	0.319595
38	L-11	Conductor Installation	Jet Fuel Truck	Diesel	300	1	2026	2	60	120	95	114	6	ven dor	2.288543	0.239696
39	L-11	Conductor Installation	Pickup - 1/2 ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	6.102781	0.639189
40	L-11	Conductor Installation	Pickup - 1 Ton	Diesel	410	4	2026	8	40	320	95	304	16	passenger	6.102781	0.639189
41	L-11	Conductor Installation	Truck - Water 4 K	Diesel	300	2	2026	4	40	160	95	152	8	ven dor	3.05139	0.319595
42	L-15	Southern Transition Approach Construction	Truck - Dump 10-12 Yd	Diesel	415	4	2026	8	40	320	95	304	16	hhdt	6.102781	0.639189
43	L-15	Southern Transition Approach Construction	Onshore Trucks	Diesel	300	4	2026	8	60	480	95	456	24	ven dor	9.154171	0.958784
44	L-16	Substation Getaways	Pickup - 1/2 Ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	6.102781	0.639189
45	L-16	Substation Getaways	Pickup - 1 Ton	Diesel	410	4	2026	8	40	320	95	304	16	passenger	6.102781	0.639189
46	L-16	Substation Getaways	Welding Truck	Diesel	395	2	2026	4	40	160	95	152	8	ven dor	3.05139	0.319595
47	P-17	Distribution Extension to Substation	Pickup - 1/2 ton	Gasoline	395	2	2026	4	40	160	95	152	8	passenger	3.05139	0.319595
48	P-17	Distribution Extension to Substation	Pickup - 1 Ton	Diesel	410	2	2026	4	60	240	95	228	12	passenger	4.577085	0.479392
49	P-17	Distribution Extension to Substation	Truck - Dump 10-12 Yd	Diesel	415	2	2026	4	40	160	95	152	8	hhdt	3.05139	0.319595
50	P-17	Distribution Extension to Substation	Truck - Concrete	Diesel	425	4	2026	8	60	480	95	456	24	hhdt	9.154171	0.958784
51	L-18	Fiber Extension to Substation	Truck - Dump 10-12 Yd	Diesel	415	3	2026	6	40	240	95	228	12	hhdt	4.577085	0.479392
52	L-18	Fiber Extension to Substation	Pickup - 1 Ton	Diesel	410	3	2026	6	40	240	95	228	12	passenger	4.577085	0.479392
53	L-18	Fiber Extension to Substation	Truck - Concrete	Diesel	425	2	2026	4	60	240	95	228	12	hhdt	4.577085	0.479392
54	P-19	Pittsburg Substation Upgrades	Pickup - 1/2 Ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	6.102781	0.639189
55	P-19	Pittsburg Substation Upgrades	Pickup - 1 Ton	Diesel	410	2	2026	4	60	240	95	228	12	passenger	4.577085	0.479392
56	P-19	Pittsburg Substation Upgrades	Welding Truck	Diesel	395	1	2026	2	60	120	95	114	6	ven dor	2.288543	0.239696
57	P-19	Pittsburg Substation Upgrades	Truck - Water 4 K	Diesel	300	1	2026	2	60	120	95	114	6	ven dor	2.288543	0.239696
58	P-19	Pittsburg Substation Upgrades	Truck - Concrete	Diesel	425	4	2026	8	60	480	95	456	24	hhdt	9.154171	0.958784
59	P-19	Pittsburg Substation Upgrades	Truck - Dump 10-12 Yd	Diesel	415	4	2026	8	40	320	95	304	16	hhdt	6.102781	0.639189
60	L-20	Commissioning and Testing	Pickup - 1/2 Ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	6.102781	0.639189
61	L-20	Commissioning and Testing	Pickup - 1 Ton	Diesel	410	4	2026	8	40	320	95	304	16	passenger	6.102781	0.639189
62	L-20	Commissioning and Testing	Truck - Water 4 K	Diesel	300	1	2026	2	40	80	95	76	4	ven dor	1.525695	0.159797
63	L-21	Cleanup and Restoration	Pickup - 1 Ton	Diesel	410	4	2026	8	40	320	95	304	16	passenger	6.102781	0.639189
64	L-21	Cleanup and Restoration	Truck - Water 4 K	Diesel	300	2	2026	4	40	160	95	152	8	ven dor	3.05139	0.319595
65	L-21	Cleanup and Restoration	Pickup - 1/2 Ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	6.102781	0.639189
66	L-21	Cleanup and Restoration	Truck - Dump 10-12 Yd	Diesel	415	2	2026	4	40	160	95	152	8	hhdt	3.05139	0.319595
67	L-01	Survey	Worker Commute	Gasoline	NA	4	2026	8	60	480	100	480	0	passenger	0.317538	0.079384
68	L-02	Site Development/Staging Yards	Worker Commute	Gasoline	NA	12	2026	24	60	1440	100	1440	0	passenger	0.952613	0.238153
69	L-03	Below-Grade Construction	Worker Commute	Gasoline	NA	40	2026	80	60	4800	100	4800	0	passenger	3.175376	0.793844
70	L-04	Above-Grade Construction	Worker Commute	Gasoline	NA	30	2026	60	60	3600	100	3600	0	passenger	2.381532	0.595383
71	P-05	Foundation Installation	Worker Commute	Gasoline	NA	15	2026	30	60	1800	100	1800	0	passenger	1.190766	0.297691
72	P-06	Structure Installation	Worker Commute	Gasoline	NA	15	2026	30	60	1800	100	1800	0	passenger	1.190766	0.297691
73	P-07	Conductor Installation	Worker Commute	Gasoline	NA	30	2026	60	60	3600	100	3600	0	passenger	2.381532	0.595383
74	L-08	Access Road Construction	Worker Commute	Gasoline	NA	12	2026	24	60	1440	100	1440	0	passenger	0.952613	0.238153
75	L-09	Foundation Installation	Worker Commute	Gasoline	NA	12	2026	24	60	1440	100	1440	0	passenger	0.952613	0.238153
76	L-10	Structure Installation	Worker Commute	Gasoline	NA	12	2026	24	60	1440	100	1440	0	passenger	0.952613	0.238153
77	L-11	Conductor Installation	Worker Commute	Gasoline	NA	30	2026	60	60	3600	100	3600	0	passenger	2.381532	0.595383
78	L-14	Submarine Cable Installation	Worker Commute	Gasoline	NA	25	2026	50	60	3000	100	3000	0	passenger	1.98461	0.496152
79	L-15	Southern Transition Approach Construction	Worker Commute	Gasoline	NA	25	2026	50	60	3000	100	3000	0	passenger	1.98461	0.496152
80	L-16	Substation Getaways	Worker Commute	Gasoline	NA	20	2026	40	60	2400	100	2400	0	passenger	1.587688	0.396922
81	P-17	Distribution Extension to Substation	Worker Commute	Gasoline	NA	10	2026	20	60	1200	100	1200	0	passenger	0.793844	0.198461
82	L-18	Fiber Extension to Substation	Worker Commute	Gasoline	NA	12	2026	24	60	1440	100	1440	0	passenger	0.952613	0.238153
83	P-19	Pittsburg Substation Upgrades	Worker Commute	Gasoline	NA	15	2026	30	60	1800	100	1800	0	passenger	1.190766	0.297691
84	L-20	Commissioning and Testing	Worker Commute	Gasoline	NA	24	2026	48	60	2880	100	2880	0	passenger	1.905225	0.476306
85	L-21	Cleanup and Restoration	Worker Commute	Gasoline	NA	12	2026	24	60	1440	100	1440	0	passenger	0.952613	0.238153
86	P-22	Foundation Installation	Truck - Concrete	Diesel	425	2	2026	4	60	240	95	228	12	hhdt	4.577085	0.479392
87	P-22	Foundation Installation	Pickup - 1 Ton	Diesel	410	2	2026	4	60	240	95	228	12	passenger	4.577085	0.479392
88	P-22	Foundation Installation	Truck - Water 4 K	Diesel	300	1	2026	2	60	120	95	114	6	ven dor	2.288543	0.239696
89	P-22	Foundation Installation	Truck - Dump 10-12 Yd	Diesel	415	1	2026	2	40	80	95	76	4	hhdt	1.525695	0.159797

Table 34: On-Road Controlled Dust Emissions (tons)

Count	Activity Index	Days Used	PM10	PM2.5
1	L-01	26	0.039668	0.004155
2	L-02	76	0.231906	0.024289
3	L-02	76	0.289882	0.030361
4	L-02	76	0.231906	0.024289
5	L-02	76	0.231906	0.024289
6	L-02	76	0.115953	0.012145
7	L-03	152	0.231906	0.024289
8	L-03	152	0.463811	0.048578
9	L-03	152	0.463811	0.048578
10	L-03	152	0.695717	0.072868
11	L-03	152	0.347858	0.036434
12	L-04	338	1.015113	0.106425
13	L-04	338	1.015113	0.106425
14	L-04	338	0.508056	0.053212
15	P-05	54	0.247163	0.025887
16	P-05	70	0.320396	0.033557
17	P-05	70	0.160198	0.016779
18	P-05	20	0.030514	0.003196
19	P-06	40	0.061028	0.006392
20	P-06	40	0.091542	0.009588
21	P-06	40	0.091542	0.009588
22	P-06	13	0.009917	0.001039
23	P-07	12	0.009154	0.000959
24	P-07	40	0.122056	0.012784
25	P-07	40	0.183083	0.019176
26	P-07	40	0.091542	0.009588
27	L-08	16	0.024411	0.002557
28	L-08	16	0.024411	0.002557
29	L-08	16	0.024411	0.002557
30	L-08	16	0.024411	0.002557
31	L-09	22	0.100696	0.010547
32	L-09	22	0.067131	0.007031
33	L-09	22	0.033565	0.003516
34	L-09	22	0.033565	0.003516
35	L-10	24	0.036617	0.003835
36	L-10	24	0.036617	0.003835
37	L-10	24	0.036617	0.003835
38	L-11	26	0.029751	0.003116
39	L-11	26	0.079336	0.008309
40	L-11	26	0.079336	0.008309
41	L-11	26	0.039668	0.004155
42	L-15	138	0.421092	0.044104
43	L-15	138	0.631638	0.066156
44	L-16	70	0.213597	0.022372
45	L-16	70	0.213597	0.022372
46	L-16	70	0.106799	0.011186
47	P-17	51	0.07781	0.00815
48	P-17	51	0.116716	0.012224
49	P-17	51	0.07781	0.00815
50	P-17	51	0.233431	0.024449
51	L-18	103	0.23572	0.024689
52	L-18	103	0.23572	0.024689
53	L-18	103	0.23572	0.024689
54	P-19	250	0.762848	0.079899
55	P-19	250	0.572136	0.059924
56	P-19	144	0.164775	0.017258
57	P-19	144	0.164775	0.017258
58	P-19	144	0.6591	0.069032
59	P-19	144	0.4394	0.046022
60	L-20	174	0.530942	0.055609
61	L-20	174	0.530942	0.055609
62	L-20	174	0.132735	0.013902
63	L-21	140	0.427195	0.044743
64	L-21	140	0.213597	0.022372
65	L-21	140	0.427195	0.044743
66	L-21	140	0.213597	0.022372
67	L-01	26	0.004128	0.001032
68	L-02	76	0.036199	0.00905
69	L-03	152	0.241329	0.060332
70	L-04	338	0.396525	0.099131
71	P-05	70	0.041677	0.010419
72	P-06	40	0.023815	0.005954
73	P-07	40	0.047631	0.011908
74	L-08	16	0.007621	0.001905
75	L-09	22	0.010479	0.00262
76	L-10	24	0.011431	0.002858
77	L-11	26	0.03096	0.00774
78	L-14	122	0.121061	0.030265
79	L-15	138	0.136938	0.034235
80	L-16	70	0.055569	0.013892
81	P-17	51	0.020243	0.005061
82	L-18	103	0.04906	0.012265
83	P-19	250	0.148846	0.037211
84	L-20	174	0.165755	0.041439
85	L-21	140	0.066683	0.016671
86	P-22	20	0.045771	0.004794
87	P-22	48	0.10985	0.011505
88	P-22	48	0.054925	0.005753
89	P-22	30	0.022885	0.002397

Count	Activity Index	Activity Name	Equipment Name	Fuel Type	HP	Quantity	Year	Trips/Day	Trip Length	VMT	Paved Percent	Paved VMT	Unpaved VMT	On Type	PM10	PM2.5
90	P-23	Structure and Conductor Installation	Pickup - 1/2 ton	Gasoline	395	4	2026	8	40	320	95	304	16	passenger	6.102781	0.639189
91	P-23	Structure and Conductor Installation	Pickup - 1 ton	Diesel	410	4	2026	8	60	480	95	456	24	passenger	9.154171	0.958784
92	P-23	Structure and Conductor Installation	Truck - Water 4 K	Diesel	300	1	2026	2	60	120	95	114	6	vendor	2.288543	0.239696
93	P-28	Helicopter Use	Jet Fuel Truck	Diesel	300	1	2026	2	40	80	95	76	4	vendor	1.525695	0.159797
94	P-22	Foundation Installation	Worker Commute	Gasoline	NA	15	2026	30	60	1800	100	1800	0	passenger	1.190766	0.297691
95	P-23	Structure and Conductor Installation	Worker Commute	Gasoline	NA	30	2026	60	60	3600	100	3600	0	passenger	2.381532	0.595383
96	P-28	Helicopter Use	Worker Commute	Gasoline	NA	4	2026	8	60	480	100	480	0	passenger	0.317538	0.079384
97	L-24	Northern Transition Approach Construction	Truck - Dump 10-12 Yd	Diesel	415	1	2026	2	40	80	95	76	4	hhdt	1.525695	0.159797
98	L-24	Northern Transition Approach Construction	Worker Commute	Gasoline	NA	20	2026	40	60	2400	100	2400	0	passenger	1.587688	0.396922
99	P-25	Tesla Substation Upgrades	Pickup - 1/2 Ton	Gasoline	395	4		8	40	320	95	304	16	passenger	6.102781	0.639189
100	P-25	Tesla Substation Upgrades	Pickup - 1 Ton	Diesel	410	4		8	60	480	95	456	24	passenger	9.154171	0.958784
101	P-25	Tesla Substation Upgrades	Truck - Concrete	Diesel	425	1		2	60	120	95	114	6	hhdt	2.288543	0.239696
102	P-25	Tesla Substation Upgrades	Truck - Dump 10-12 Yd	Diesel	415	1		2	40	80	95	76	4	hhdt	1.525695	0.159797
103	P-26	Vaca Dixon Substation Upgrades	Pickup - 1/2 Ton	Gasoline	395	4		8	40	320	95	304	16	passenger	6.102781	0.639189
104	P-26	Vaca Dixon Substation Upgrades	Pickup - 1 Ton	Diesel	410	4		8	60	480	95	456	24	passenger	9.154171	0.958784
105	P-26	Vaca Dixon Substation Upgrades	Truck - Concrete	Diesel	425	1		2	60	120	95	114	6	hhdt	2.288543	0.239696
106	P-26	Vaca Dixon Substation Upgrades	Truck - Dump 10-12 Yd	Diesel	415	1		2	40	80	95	76	4	hhdt	1.525695	0.159797
107	P-25	Tesla Substation Upgrades	Worker Commute	Gasoline	NA	15		30	60	1800	100	1800	0	passenger	1.190766	0.297691
108	P-26	Vaca Dixon Substation Upgrades	Worker Commute	Gasoline	NA	15		30	60	1800	100	1800	0	passenger	1.190766	0.297691
109	P-27	PG&E IT Work	Pickup - 1/2 Ton	Gasoline	395	4		8	40	320	95	304	16	passenger	6.102781	0.639189
110	P-27	PG&E IT Work	Pickup - 1 Ton	Diesel	410	2		4	60	240	95	228	12	passenger	4.577085	0.479392
111	P-27	PG&E IT Work	Truck - Water 4 K	Diesel	300	1		2	60	120	95	114	6	vendor	2.288543	0.239696
112	P-27	PG&E IT Work	Truck - Concrete	Diesel	425	4		8	60	480	95	456	24	hhdt	9.154171	0.958784
113	P-27	PG&E IT Work	Truck - Dump 10-12 Yd	Diesel	415	2		4	40	160	95	152	8	hhdt	3.05139	0.319595
114	P-27	PG&E IT Work	Worker Commute	Gasoline	NA	15		30	60	1800	100	1800	0	passenger	1.190766	0.297691

Count	Activity Index	Days Used	PM10	PM2.5
90	P-23	35	0.10985	0.011505
91	P-23	35	0.164775	0.017258
92	P-23	35	0.041194	0.004315
93	P-28	8	0.006103	0.000639
94	P-22	48	0.028578	0.007145
95	P-23	35	0.042868	0.010717
96	P-28	35	0.005716	0.001429
97	L-24	138	0.105273	0.011026
98	L-24	138	0.10955	0.027388
99	P-25	144	0.4394	0.046022
100	P-25	144	0.6591	0.069032
101	P-25	72	0.082388	0.008629
102	P-25	72	0.054925	0.005753
103	P-26	224	0.683511	0.071589
104	P-26	224	1.025267	0.107384
105	P-26	132	0.151044	0.01582
106	P-26	132	0.100696	0.010547
107	P-25	144	0.085795	0.021434
108	P-26	224	0.133366	0.033341
109	P-27	202	0.616381	0.064558
110	P-27	202	0.462286	0.048419
111	P-27	150	0.171641	0.017977
112	P-27	150	0.686563	0.071909
113	P-27	150	0.228854	0.02397
114	P-27	202	0.120267	0.030067

Table 35: Earth Moving Uncontrolled Daily Emissions (pounds/day)

Count	Activity Index	Activity Name	Equipment Name	Fuel Type	Quantity	Hours Per Day	CalEEModType	EM Type	Acres Graded	Hours Bulldozed	PM10	PM2.5
1	L-02	Site Development/Staging Yards	Motor Grader	Diesel	2	8	Graders	grading	0.5	0	0.53025	0.057255
2	L-02	Site Development/Staging Yards	Scraper	Diesel	4	8	Scrapers	grading	1	0	1.0605	0.114509
3	L-08	Access Road Construction	Motor Grader	Diesel	1	8	Graders	grading	0.5	0	0.53025	0.057255
4	L-08	Access Road Construction	D6 Type Dozer	Diesel	1	8	Rubber Tired Dozers	bulldozing	0	8	6.022086	3.310227
5	L-21	Cleanup and Restoration	Motor Grader	Diesel	2	8	Graders	grading	0.5	0	0.53025	0.057255
6	L-21	Cleanup and Restoration	D6 Type Dozer	Diesel	1	8	Rubber Tired Dozers	bulldozing	0	8	6.022086	3.310227

Table 36: Earth Moving Uncontrolled Emissions (tons)

Count	Activity Index	Days Used	PM10	PM2.5
1	L-02	76	0.02015	0.002176
2	L-02	76	0.040299	0.004351
3	L-08	16	0.004242	0.000458
4	L-08	16	0.048177	0.026482
5	L-21	140	0.037118	0.004008
6	L-21	140	0.421546	0.231716

Table 37: Earth Moving Controlled Daily Emissions (pounds/day)

Count	Activity Index	Activity Name	Equipment Name	Fuel Type	Quantity	Hours Per Day	CalEEModType	EM Type	Acres Graded	Hours Bulldozed	PM10	PM2.5
1	L-02	Site Development/Staging Yards	Motor Grader	Diesel	2	8	Graders	grading	0.5	0	0.206798	0.022329
2	L-02	Site Development/Staging Yards	Scraper	Diesel	4	8	Scrapers	grading	1	0	0.413595	0.044659
3	L-08	Access Road Construction	Motor Grader	Diesel	1	8	Graders	grading	0.5	0	0.206798	0.022329
4	L-08	Access Road Construction	D6 Type Dozer	Diesel	1	8	Rubber Tired Dozers	bulldozing	0	8	2.348614	1.290989
5	L-21	Cleanup and Restoration	Motor Grader	Diesel	2	8	Graders	grading	0.5	0	0.206798	0.022329
6	L-21	Cleanup and Restoration	D6 Type Dozer	Diesel	1	8	Rubber Tired Dozers	bulldozing	0	8	2.348614	1.290989

Table 38: Earth Moving Controlled Emissions (tons)

Count	Activity Index	Days Used	PM10	PM2.5
1	L-02	76	0.007858	0.000849
2	L-02	76	0.015717	0.001697
3	L-08	16	0.001654	0.000179
4	L-08	16	0.018789	0.010328
5	L-21	140	0.014476	0.001563
6	L-21	140	0.164403	0.090369

Table 39: Heavy-Duty Helicopter Emissions

Helicopter Model	Sikorsky Black Hawk	
Engine Type	T700-GE-700	
Fuel S Content by Weight	0.3 %	
Fuel Burn Rate	164 gal/hr	
Jet Fuel density	7 lbs/gal	
Fuel Type	Jet Fuel A	
High Heat Value	0.135 MMBtu/gal	(ARB 2012)
CO2 emission factor	72.22 kg CO2/MMBtu	(ARB 2012)

	Fuel (kg)	NOx (g)	HC	CO	PM	Fugitive PM
LTO	73	575.3	571	724.9	16.9	1500
Run	507.6	5430	1110	1320	1800	

	Emission Rate						
Activity	HC	CO	NOx	SOx	PM10	PM2.5	CO2
Flight (lbs/hr)	2.442	2.904	11.946	0.093	3.960	3.643	3522.486
LTO (lbs)	1.256	1.595	1.266	0.045	3.337	0.727	230.265

Activity		Emissions lbs/day						
	Working Hrs	HC	CO	NOx	SOx	PM10	PM2.5	CO2
Flight	3	7.326	8.712	35.838	0.279	11.880	7.286	10567.459
LTO	2	1.256	1.595	1.266	0.045	3.337	0.727	230.265
TOTAL		8.582	10.307	37.104	0.324	15.217	8.014	10797.724

Metric	Emissions lbs/hour						
	HC	CO	NOx	SOx	PM10	PM2.5	CO2
Average Houly Emissions	1.716	2.061	7.421	0.065	3.043	1.603	2159.545

Construction Phase			Daily Emissions (pounds)						
	Hours Per Day	Working Days	HC	CO	NOx	SOx	PM10	PM2.5	CO2
P-06	5	1	8.582	10.307	37.104	0.324	15.217	8.014	10797.724

Construction Phase			Total Emissions (tons)						MT
	Hours Per Day	Working Days	HC	CO	NOx	SOx	PM10	PM2.5	CO2
P-06	5	13	0.056	0.067	0.241	0.002	0.099	0.052	70.185

NOTES:

California Air Resources Board (ARB). 2012. Regulation for the Mandatory Reporting of Greenhouse Gas Emissions. Petroleum Fuels. Section 95115(c)(1)
Ref: Swiss Confederation, DETEC and FOCA "Guidance on the Determination of Helicopter Emissions", 2015
Engine T700-GI-700

Fugitive dust estimates from Emission Factor Source: `
Fugitive dust estimates from Emission Factor Source: Dr. J. A. Gillies et. al. December 31, 2007. Particulate Matter Emissions for Dust from Unique Military Activities.

Table 40: Light-Duty Helicopter Emissions

Helicopter Model	Hughes 500	
Engine Type	DDA250-C18	
Fuel S Content by Weight	0.3 %	
Fuel Burn Rate	32 gal/hr	
Jet Fuel density	7 lbs/gal	
Fuel Type	Jet Fuel A	
High Heat Value	0.135 MMBtu/gal	(ARB 2012)
CO2 emission factor	72.22 kg CO2/MMBtu	(ARB 2012)

	Fuel (kg)	NOx (g)	HC	CO	PM	Fugitive PM
LTO	16.4	59.5	438.2	571.2	2.3	1500
Run	98.8	480	960	1200	16	

	Emission Rate						
Activity	HC	CO	NOx	SOx	PM10	PM2.5	CO2
Flight (lbs/hr)	2.112	2.640	1.056	0.018	0.035	0.032	685.622
LTO (lbs)	0.964	1.257	0.131	0.010	3.305	0.698	51.731

Activity		Emissions lbs/day						
	Working Hrs	HC	CO	NOx	SOx	PM10	PM2.5	CO2
Flight	6	12.672	15.840	6.336	0.109	0.211	0.065	4113.731
LTO	2	0.964	1.257	0.131	0.010	3.305	0.698	51.731
TOTAL		13.636	17.097	6.467	0.119	3.516	0.762	4165.462

Metric	Emissions lbs/hour						
	HC	CO	NOx	SOx	PM10	PM2.5	CO2
Average Houly Emissions	1.705	2.137	0.808	0.015	0.440	0.095	520.683

Construction Phase			Daily Emissions (pounds)						
	Hours Per Day	Working Days	HC	CO	NOx	SOx	PM10	PM2.5	CO2
P-07	8	1	13.636	17.097	6.467	0.119	3.516	0.762	4165.462
L-11	8	1	13.636	17.097	6.467	0.119	3.516	0.762	4165.462
P-28	3	1	5.114	6.411	2.425	0.045	1.319	0.286	1562.048

Construction Phase			Total Emissions (tons)						MT
	Hours Per Day	Working Days	HC	CO	NOx	SOx	PM10	PM2.5	CO2
P-07	8	12	0.082	0.103	0.039	0.001	0.021	0.005	24.993
L-11	8	6	0.041	0.051	0.019	0.000	0.011	0.002	12.496
P-28	3	8	0.020	0.026	0.010	0.000	0.005	0.001	6.248

NOTES:

California Air Resources Board (ARB). 2012. Regulation for the Mandatory Reporting of Greenhouse Gas Emissions. Petroleum Fuels. Section 95115(c)(1)
Ref: Swiss Confederation, DETEC and FOCA "Guidance on the Determination of Helicopter Emissions", 2015
Engine DDA250-C18

Fugitive dust estimates from Emission Factor Source: Dr. J. A. Gillies et. al. December 31, 2007. Particulate Matter Emissions for Dust from Unique Military Activities.
ARB's CEIDARS database PM2.5 fractions - construction dust category for fugitive and diesel vehicle exhaust category for combustion.

Table 41: Electrical Consumption Emission Factors

Utility	Year	CO2	CH4	N2O	SF6
PG&E	2028	203.983	0.033	0.004	0

Units in lbs/MWh

Table 42: Annual Electrical Consumption GHG Emissions

Facility	Use (kW)	CO2	CH4	N2O	SF6	CO2e
Collinsville Substation	385400	35.659157	0.0057689	0.0006993	0	36.011758
Collinsville (Modified)	420440	38.901235	0.0062934	0.0007628	0	992.33287

Units in metric tons

Table 43: SF6 Emissions (metric tons/year)

Substation	Feature	Quantity	SF6 (each)	Total Volume	Leak Rate	Annual Emissions	CO2e
Collinsville	230 kV CB	6	135	810	0.1	0.00037	8.634133
Collinsville	230 kV Pipe	1	8932	8932	0.1	0.00405	95.20997
Collinsville	500 kV CB	6	595	3570	0.2	0.00324	76.10829
Collinsville	500 kV Pipe	1	1597	1597	0.2	0.00145	34.0462
Total				**14909**		**0.00911**	**213.9986**

Table 44: SF6 Emissions (metric tons/year) Post Modification

Substation	Feature	Quantity	SF6 (each)	Total Volume	Leak Rate	Annual Emissions	CO2e
Collinsville	230 kV CB	15	135	2025	0.1	0.00092	21.58533
Collinsville	230 kV Pipe	1	8932	8932	0.1	0.00405	95.20997
Collinsville	500 kV CB	12	595	7140	0.2	0.00648	152.2166
Collinsville	500 kV Pipe	1	1597	1597	0.2	0.00145	34.0462
Total				**19694**		**0.01290**	**303.0581**

Table 45: O&M Uncontrolled Annual Emissions (tons)

Equipment Name	Fuel Type	Trips	Year	Trip Length	VMT	Paved Percent	Paved VMT	Unpaved VMT	On Type	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	CH4	N2O	CO2e	CO2e Metric Tons
1-Ton Truck, 4x4	Diesel	60	2026	120	7200	95	6840	360	passenger	0.0012670	0.0068048	0.0075944	0.0000258	0.0011560	0.0010162	2.726548	5.9E-05	0.00043	2.85603071	2.59094822

Notes:

LSPGC Proposed Project components would requier up to 60 trips per year, with a typical round-trip length of 120 miles

PG&E Proposed Project components would be covered by PG&E's existing O&M activities in the region

Table 46: Total Uncontrolled Daily Emissions (pounds/day)

Index	Name	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total	CO2	CH4	N2O
L-01	Survey	0.068258	0.111384	1.40536	0.0043	0.025351	12.12776	12.15311	0.008953	1.272999	1.281952	434.9112	0.007148	0.009827
L-02	Site Development/Staging Yards	5.637631	50.48237	51.31154	0.175098	2.090188	114.7405	116.8307	1.771945	11.74926	13.52121	18579.22	0.605967	0.642974
L-03	Below-Grade Construction	3.885216	32.29125	44.05851	0.139569	1.948694	115.3725	117.3212	1.554296	12.13319	13.68748	14675.83	0.385076	0.666195
L-04	Above-Grade Construction	3.06151	24.67098	25.61222	0.066699	1.456104	61.43265	62.88875	1.235532	6.563458	7.79899	6807.053	0.190095	0.190786
P-05	Foundation Installation	2.097889	19.27749	23.24885	0.089328	1.060859	101.5777	102.6385	0.815943	10.44342	11.25936	9500.235	0.231753	0.594696
P-06	Structure Installation	9.946156	22.41023	48.35099	0.367581	15.85491	54.33677	70.19168	8.529433	5.668959	14.19839	15420.38	0.119233	0.205455
P-07	Conductor Installation	15.54256	33.19602	25.31052	0.177212	4.457276	85.05309	89.51037	1.510113	8.950688	10.4608	10284.18	0.143847	0.263836
L-08	Access Road Construction	1.773345	17.10451	16.0833	0.049441	0.791727	54.74584	55.53757	0.654619	8.380095	9.034715	5248.79	0.144504	0.227873
L-09	Foundation Installation	1.58375	15.04942	16.46975	0.074081	0.77986	83.62417	84.40403	0.573541	8.593459	9.166999	7874.823	0.182088	0.52998
L-10	Structure Installation	1.768745	14.81684	13.95265	0.04937	0.702215	36.38328	37.0855	0.596151	3.818998	4.415149	5255.752	0.168125	0.137525
L-11	Conductor Installation	18.4273	63.193	44.51903	0.220015	5.703053	70.29031	75.99337	2.661295	7.458669	10.11996	14927.12	0.338452	0.268427
L-14	Submarine Cable Installation	62.49726	704.8354	330.3094	0.718091	35.70498	1.98461	37.68959	31.8836	0.496152	32.37976	69958.36	2.787526	0.596612
L-15	Southern Transition Approach Construction	2.265222	20.14301	18.57283	0.070291	1.20607	61.03572	62.24179	0.958882	6.464228	7.423109	7311.414	0.15138	0.451408
L-16	Substation Getaways	3.352628	27.47218	26.67755	0.061321	1.750951	60.6388	62.38975	1.533737	6.364997	7.898734	6282.95	0.188952	0.174914
P-17	Distribution Extension to Substation	2.152537	21.53293	20.2808	0.075797	1.166486	77.56029	78.72678	0.943942	7.956959	8.900901	8077.205	0.209207	0.460713
L-18	Fiber Extension to Substation	2.12486	20.766	19.36979	0.060966	1.231053	54.09862	55.32967	1.025432	5.609421	6.634853	6483.396	0.165854	0.361485
P-19	Pittsburg Substation Upgrades	2.294719	22.19896	26.30011	0.09932	1.214594	119.293	120.5076	0.929467	12.23384	13.16331	10449.55	0.245477	0.668941
L-20	Commissioning and Testing	1.204256	10.10089	13.96445	0.042542	0.525306	55.05123	55.57653	0.401294	5.847574	6.248868	4441.797	0.114312	0.134034
L-21	Cleanup and Restoration	2.909739	26.14192	22.76774	0.064959	1.482935	78.36629	79.84922	1.284836	10.76733	12.05216	6919.463	0.207526	0.261187
P-22	Foundation Installation	0.624424	5.770453	8.317668	0.040887	0.364031	51.38421	51.74824	0.234677	5.370555	5.605232	4297.919	0.082446	0.302394
P-23	Structure and Conductor Installation	1.844244	14.86878	17.8952	0.055513	0.87244	70.29031	71.16275	0.699422	7.458669	8.158092	5806.828	0.151347	0.185156
P-28	Helicopter Use	5.165304	6.705719	3.502253	0.049675	1.349694	6.222649	7.572343	0.29781	0.676192	0.974002	2092.766	0.00539	0.039545
L-24	Northern Transition Approach Construction	2.464263	19.78904	19.47004	0.057799	1.101052	7.492799	8.593851	0.947136	0.993729	1.940866	6040.864	0.193142	0.11745
P-25	Tesla Substation Upgrades	1.265378	11.31129	16.16342	0.045703	0.591506	75.00466	75.59617	0.460421	7.757786	8.218207	4711.963	0.120227	0.224574
P-26	Vaca Dixon Substation Upgrades	1.265378	11.31129	16.16342	0.045703	0.591506	75.00466	75.59617	0.460421	7.757786	8.218207	4711.963	0.120227	0.224574
P-27	PG&E IT Work	2.225863	20.44808	24.8193	0.088978	1.135771	98.62511	99.76088	0.889725	10.14502	11.03474	9352.847	0.236388	0.524081

Table 47: Total Controlled Daily Emissions (pounds/day)

Index	Name	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total	CO2	CH4	N2O
L-01	Survey	0.068258	0.111384	1.40536	0.0043	0.025351	3.368928	3.394279	0.008953	0.398979	0.407931	434.9112	0.007148	0.009827
L-02	Site Development/Staging Yards	2.01695	14.81264	80.41969	0.175098	0.728678	30.56121	31.28989	0.540065	3.341289	3.881354	18579.22	0.605967	0.642974
L-03	Below-Grade Construction	2.624828	20.36234	58.38684	0.139569	1.489635	32.16358	33.65322	1.141268	3.829992	4.971259	14675.83	0.385076	0.666195
L-04	Above-Grade Construction	2.253264	15.78552	30.54054	0.066699	1.080251	17.63848	18.71873	0.893436	2.193355	3.086791	6807.053	0.190095	0.190786
P-05	Foundation Installation	0.950831	8.333961	33.57659	0.089328	0.574663	27.12758	27.70225	0.375741	3.014245	3.389986	9500.235	0.231753	0.594696
P-06	Structure Installation	9.100093	13.04606	53.3118	0.367581	15.46368	14.92202	30.3857	8.172984	1.735867	9.908851	15420.38	0.119233	0.205455
P-07	Conductor Installation	14.43455	20.61848	27.35798	0.177212	3.917053	23.74126	27.65832	1.016556	2.832545	3.849101	10284.18	0.143847	0.263836
L-08	Access Road Construction	0.580987	4.138796	19.4271	0.049441	0.266124	15.71358	15.97971	0.175263	2.829849	3.005112	5248.79	0.144504	0.227873
L-09	Foundation Installation	0.754651	7.267102	25.29077	0.074081	0.476916	22.31234	22.78926	0.300325	2.475315	2.775639	7874.823	0.182088	0.52998
L-10	Structure Installation	0.573054	2.7963	22.14771	0.04937	0.207903	10.10678	10.31469	0.146902	1.196937	1.343839	5255.752	0.168125	0.137525
L-11	Conductor Installation	14.83694	22.62173	50.97174	0.220015	3.951805	19.92703	23.87883	1.060967	2.433051	3.494019	14927.12	0.338452	0.268427
L-14	Submarine Cable Installation	49.9625	335.549	328.9412	0.718091	7.200177	1.98461	9.184787	6.465177	0.496152	6.96133	69958.36	2.787526	0.596612
L-15	Southern Transition Approach Construction	1.650791	13.43426	23.80376	0.070291	0.934427	17.24156	18.17599	0.712328	2.094125	2.806453	7311.414	0.15138	0.451408
L-16	Substation Getaways	2.684971	20.16952	30.8207	0.061321	1.441515	16.84464	18.28615	1.252181	1.994895	3.247075	6282.95	0.188952	0.174914
P-17	Distribution Extension to Substation	1.132157	10.10091	29.22679	0.075797	0.705312	20.62788	21.33319	0.525494	2.275825	2.80132	8077.205	0.209207	0.460713
L-18	Fiber Extension to Substation	1.322581	11.77633	24.36635	0.060966	0.855925	14.68387	15.53979	0.683886	1.676328	2.360214	6483.396	0.165854	0.361485
P-19	Pittsburg Substation Upgrades	1.571536	15.09113	35.85109	0.09932	0.951442	31.70467	32.65611	0.693098	3.493637	4.186734	10449.55	0.245477	0.668941
L-20	Commissioning and Testing	0.693021	4.345281	16.81962	0.042542	0.283792	15.63648	15.92027	0.181147	1.914482	2.095629	4441.797	0.114312	0.134034
L-21	Cleanup and Restoration	1.411725	9.815743	28.64852	0.064959	0.846596	21.81637	22.66296	0.705047	3.469038	4.174086	6919.463	0.207526	0.261187
P-22	Foundation Installation	0.463413	3.799451	12.04982	0.040887	0.302861	14.15917	14.46204	0.18034	1.655968	1.836309	4297.919	0.082446	0.302394
P-23	Structure and Conductor Installation	0.80617	3.1063	21.79892	0.055513	0.374364	19.92703	20.30139	0.244942	2.433051	2.677993	5806.828	0.151347	0.185156
P-28	Helicopter Use	5.165304	6.705719	3.502253	0.049675	1.349694	1.843233	3.192926	0.29781	0.239182	0.536992	2092.766	0.00539	0.039545
L-24	Northern Transition Approach Construction	1.645228	11.392	28.03032	0.057799	0.787129	3.113383	3.900512	0.663586	0.556719	1.220305	6040.864	0.193142	0.11745
P-25	Tesla Substation Upgrades	0.842919	6.90189	18.52705	0.045703	0.398373	20.26195	20.66033	0.28478	2.295157	2.579937	4711.963	0.120227	0.224574
P-26	Vaca Dixon Substation Upgrades	0.842919	6.90189	18.52705	0.045703	0.398373	20.26195	20.66033	0.28478	2.295157	2.579937	4711.963	0.120227	0.224574
P-27	PG&E IT Work	1.502679	13.34024	34.37028	0.088978	0.872619	26.36474	27.23735	0.653356	2.934346	3.587702	9352.847	0.236388	0.524081

Table 48: Total Uncontrolled Annual Emissions (tons)

Index	Name	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total	CO2	CH4	N2O
L-01	Survey	0.000887	0.001448	0.01827	5.59E-05	0.00033	0.157661	0.15799	0.000116	0.016549	0.016665	5.653845	9.29E-05	0.000128
L-02	Site Development/Staging Yards	0.21423	1.91833	1.949838	0.006654	0.079427	4.360138	4.439565	0.067334	0.446472	0.513806	706.0105	0.023027	0.024433
L-03	Below-Grade Construction	0.295276	2.454135	3.348447	0.010607	0.148101	8.76831	8.91641	0.118126	0.922122	1.040249	1115.363	0.029266	0.050631
L-04	Above-Grade Construction	0.509741	4.107718	4.264435	0.011105	0.242441	10.22854	10.47098	0.205716	1.092816	1.298532	1133.374	0.031651	0.031766
P-05	Foundation Installation	0.040659	0.367016	0.466285	0.002039	0.022818	2.976517	2.999336	0.016562	0.307033	0.323594	215.4701	0.0045	0.01549
P-06	Structure Installation	0.082272	0.300773	0.461012	0.002935	0.111296	1.007016	1.118312	0.062144	0.105322	0.167466	157.8368	0.002299	0.003657
P-07	Conductor Installation	0.108447	0.299728	0.329635	0.001738	0.034347	1.61839	1.652738	0.014486	0.170658	0.185145	131.8248	0.00236	0.004722
L-08	Access Road Construction	0.014187	0.136836	0.128666	0.000396	0.006334	0.437967	0.444301	0.005237	0.067041	0.072278	41.99032	0.001156	0.001823
L-09	Foundation Installation	0.017421	0.165544	0.181167	0.000815	0.008578	0.919866	0.928444	0.006309	0.094528	0.100837	86.62305	0.002003	0.00583
L-10	Structure Installation	0.021225	0.177802	0.167432	0.000592	0.008427	0.436599	0.445026	0.007154	0.045828	0.052982	63.06902	0.002017	0.00165
L-11	Conductor Installation	0.103195	0.650543	0.514078	0.001673	0.038977	0.913774	0.952751	0.026973	0.096963	0.123935	152.3979	0.0044	0.00349
L-14	Submarine Cable Installation	3.043841	34.31295	16.56272	0.036366	1.725435	0.121061	1.846497	1.540941	0.030265	1.571206	3511.738	0.139384	0.030262
L-15	Southern Transition Approach Construction	0.1563	1.389868	1.281525	0.00485	0.083219	4.211465	4.294684	0.066163	0.446032	0.512195	504.4876	0.010445	0.031147
L-16	Substation Getaways	0.117342	0.961526	0.933714	0.002146	0.061283	2.122358	2.183641	0.053681	0.222775	0.276456	219.9032	0.006613	0.006122
P-17	Distribution Extension to Substation	0.05489	0.54909	0.517161	0.001933	0.029745	1.977787	2.007533	0.024071	0.202902	0.226973	205.9687	0.005335	0.011748
L-18	Fiber Extension to Substation	0.10943	1.069449	0.997544	0.00314	0.063399	2.786079	2.849478	0.05281	0.288885	0.341695	333.8949	0.008541	0.018616
P-19	Pittsburg Substation Upgrades	0.181312	1.64186	2.166357	0.007997	0.095986	10.843	10.93899	0.072083	1.11803	1.190113	838.3395	0.01912	0.0514
L-20	Commissioning and Testing	0.10477	0.878778	1.214908	0.003701	0.045702	4.789457	4.835159	0.034913	0.508739	0.543652	386.4363	0.009945	0.011661
L-21	Cleanup and Restoration	0.203682	1.829934	1.593742	0.004547	0.103805	5.48564	5.589446	0.089939	0.753713	0.843651	484.3624	0.014527	0.018283
P-22	Foundation Installation	0.012483	0.097874	0.171011	0.000757	0.006841	0.93206	0.938901	0.004497	0.098456	0.102953	79.25146	0.001598	0.004806
P-23	Structure and Conductor Installation	0.027647	0.208492	0.280576	0.000942	0.013083	1.265226	1.278308	0.010178	0.134256	0.144434	98.37108	0.002475	0.003283
P-28	Helicopter Use	0.021322	0.027983	0.028643	0.000244	0.005665	0.029336	0.035001	0.001285	0.003816	0.005101	12.93519	9.4E-05	0.00026
L-24	Northern Transition Approach Construction	0.170034	1.365444	1.343433	0.003988	0.075973	0.517003	0.592976	0.065352	0.068567	0.13392	416.8196	0.013327	0.008104
P-25	Tesla Substation Upgrades	0.06524	0.510322	0.848486	0.002406	0.031204	4.868875	4.90008	0.023752	0.504848	0.5286	244.183	0.005841	0.011392
P-26	Vaca Dixon Substation Upgrades	0.10867	0.878304	1.407444	0.003989	0.051702	7.721434	7.773136	0.039558	0.800239	0.839797	406.2509	0.009869	0.019047
P-27	PG&E IT Work	0.178961	1.596283	2.04083	0.007178	0.090336	8.502573	8.59291	0.070151	0.877235	0.947386	750.5809	0.01872	0.04095

Table 49: 2027 Total Uncontrolled Annual Emissions (tons)

Index	Scenario	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total	CO2	CH4	N2O
--	During Submarine Cable Installation - All	3.107266	31.41874	19.54334	0.051946	1.732262	24.53429	26.26656	1.47149	2.587447	4.058937	5038.306	0.162159	0.131349
--	Outside Submarine Cable Installation - All	0.913461	7.407588	8.600815	0.027468	0.453255	30.70102	31.15427	0.356371	3.231055	3.587426	2806.204	0.070881	0.126921
--	During Submarine Cable Installation - LSPGC	2.793648	29.42713	16.74099	0.04095	1.527182	11.21516	12.74234	1.341311	1.206898	2.548208	4047.222	0.140508	0.081595
--	Outside Submarine Cable Installation - LSPGC	0.555394	4.627943	4.823466	0.01392	0.268409	12.41387	12.68228	0.224352	1.339469	1.563821	1440.867	0.03899	0.052006
--	During Submarine Cable Installation - PG&E	0.313618	1.991611	2.802351	0.010995	0.20508	13.31913	13.52421	0.130179	1.38055	1.510728	991.084	0.021651	0.049755
--	Outside Submarine Cable Installation - PG&E	0.358067	2.779645	3.777349	0.013548	0.184846	18.28714	18.47199	0.132019	1.891586	2.023605	1365.337	0.031892	0.074915

Table 50: Total Controlled Annual Emissions (tons)

Index	Name	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total	CO2	CH4	N2O
L-01	Survey	0.000887348	0.001448	0.01826968	5.59E-05	0.00033	0.043796	0.044126	0.000116	0.005187	0.005303	5.653845	9.29E-05	0.000128
L-02	Site Development/Staging Yards	0.076644095	0.56288033	3.05594831	0.006654	0.02769	1.161326	1.189016	0.020522	0.126969	0.147491	706.0105	0.023027	0.024433
L-03	Below-Grade Construction	0.19948693	1.54753804	4.43739953	0.010607	0.113212	2.444432	2.557645	0.086736	0.291079	0.377816	1115.363	0.029266	0.050631
L-04	Above-Grade Construction	0.375168502	2.62828942	5.08500009	0.011105	0.179862	2.936807	3.116669	0.148757	0.365194	0.513951	1133.374	0.031651	0.031766
P-05	Foundation Installation	0.023144157	0.19340263	0.65779501	0.002039	0.015655	0.799947	0.815602	0.010093	0.089838	0.099932	215.4701	0.0045	0.01549
P-06	Structure Installation	0.06588766	0.11791958	0.55487488	0.002935	0.10364	0.277844	0.381483	0.055167	0.03256	0.087727	157.8368	0.002299	0.003657
P-07	Conductor Installation	0.096523175	0.16381734	0.3938121	0.001738	0.028704	0.453466	0.48217	0.009345	0.054414	0.063758	131.8248	0.00236	0.004722
L-08	Access Road Construction	0.004647895	0.03311037	0.15541681	0.000396	0.002129	0.125709	0.127838	0.001402	0.022639	0.024041	41.99032	0.001156	0.001823
L-09	Foundation Installation	0.008301163	0.07993812	0.27819849	0.000815	0.005246	0.245436	0.250682	0.003304	0.027228	0.030532	86.62305	0.002003	0.00583
L-10	Structure Installation	0.006876651	0.0335556	0.26577258	0.000592	0.002495	0.121281	0.123776	0.001763	0.014363	0.016126	63.06902	0.002017	0.00165
L-11	Conductor Installation	0.056519807	0.12311604	0.59796363	0.001673	0.016211	0.259051	0.275262	0.006168	0.03163	0.037798	152.3979	0.0044	0.00349
L-14	Submarine Cable Installation	2.354365094	16.0801323	16.3262191	0.036366	0.347673	0.121061	0.468734	0.311663	0.030265	0.341928	3511.738	0.139384	0.030262
L-15	Southern Transition Approach Construction	0.113904606	0.92696408	1.64245912	0.00485	0.064475	1.189668	1.254143	0.049151	0.144495	0.193645	504.4876	0.010445	0.031147
L-16	Substation Getaways	0.093973989	0.7059331	1.07872456	0.002146	0.050453	0.589562	0.640015	0.043826	0.069821	0.113648	219.9032	0.006613	0.006122
P-17	Distribution Extension to Substation	0.028870007	0.25757319	0.7452832	0.001933	0.017985	0.526011	0.543996	0.0134	0.058034	0.071434	205.9687	0.005335	0.011748
L-18	Fiber Extension to Substation	0.068112926	0.60648077	1.2548672	0.00314	0.04408	0.756219	0.800299	0.03522	0.086331	0.121551	333.8949	0.008541	0.018616
P-19	Pittsburg Substation Upgrades	0.129242844	1.13009582	2.8540278	0.007997	0.077039	2.91188	2.988918	0.055065	0.326604	0.381669	838.3395	0.01912	0.0514
L-20	Commissioning and Testing	0.060292828	0.37803941	1.4633071	0.003701	0.02469	1.360374	1.385064	0.01576	0.16656	0.18232	386.4363	0.009945	0.011661
L-21	Cleanup and Restoration	0.098820727	0.68710203	2.00539652	0.004547	0.059262	1.527146	1.586407	0.049353	0.242833	0.292186	484.3624	0.014527	0.018283
P-22	Foundation Installation	0.00958506	0.06239591	0.23818942	0.000757	0.00574	0.26201	0.26775	0.003519	0.031594	0.035113	79.25146	0.001598	0.004806
P-23	Structure and Conductor Installation	0.013929034	0.0528869	0.36211558	0.000942	0.006622	0.358686	0.365309	0.004293	0.043795	0.048087	98.37108	0.002475	0.003283
P-28	Helicopter Use	0.021322392	0.02798278	0.02864267	0.000244	0.005665	0.011818	0.017483	0.001285	0.002068	0.003353	12.93519	9.4E-05	0.00026
L-24	Northern Transition Approach Construction	0.11352073	0.78604768	1.93409209	0.003988	0.054312	0.214823	0.269135	0.045787	0.038414	0.084201	416.8196	0.013327	0.008104
P-25	Tesla Substation Upgrades	0.05003123	0.35158317	0.93357599	0.002406	0.024252	1.321548	1.3458	0.017429	0.15087	0.168298	244.183	0.005841	0.011392
P-26	Vaca Dixon Substation Upgrades	0.080787168	0.58728295	1.56344358	0.003989	0.038956	2.093884	2.13284	0.027966	0.238681	0.266646	406.2509	0.009869	0.019047
P-27	PG&E IT Work	0.124722578	1.06319543	2.75715347	0.007178	0.0706	2.285992	2.356592	0.052423	0.256899	0.309322	750.5809	0.01872	0.04095

Table 51: 2027 Total Uncontrolled Annual Emissions (tons)

Index	Scenario	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total	CO2	CH4	N2O
--	During Submarine Cable Installation - All	2.338523745	15.572628	21.4113634	0.051946	0.64135	6.875981	7.51733	0.496081	0.825371	1.321453	5038.306	0.162159	0.131349
--	Outside Submarine Cable Installation - All	0.646433001	4.59884053	10.8520338	0.027468	0.339532	8.469784	8.809316	0.253261	0.999417	1.252678	2806.204	0.070881	0.126921
--	During Submarine Cable Installation - LSPGC	2.098426426	14.3463638	17.9346457	0.04095	0.467193	3.263265	3.730459	0.393906	0.4134	0.807305	4047.222	0.140508	0.081595
--	Outside Submarine Cable Installation - LSPGC	0.384127456	2.7861418	6.01308189	0.01392	0.19244	3.528981	3.721421	0.155304	0.439627	0.594931	1440.867	0.03899	0.052006
--	During Submarine Cable Installation - PG&E	0.240097319	1.22626417	3.47671771	0.010995	0.174156	3.612715	3.786872	0.102175	0.411972	0.514147	991.084	0.021651	0.049755
--	Outside Submarine Cable Installation - PG&E	0.262305545	1.81269873	4.83895193	0.013548	0.147092	4.940802	5.087895	0.097957	0.55979	0.657747	1365.337	0.031892	0.074915

Table 52: Annual Emissions - BAAQMD (tons/year)

District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total	CO2	CH4	N2O	CO2e	CO2e (MT)
BAAQMD	Unctrl	2026	0.5	4.7	5.6	0.0	0.2	14.6	14.8	0.2	1.5	1.7	1948.590	0.056	0.083	1974.744	1791.458
BAAQMD	Unctrl	2027	4.0	38.8	28.1	0.1	2.2	55.2	57.4	1.8	5.8	7.6	7844.510	0.233	0.258	7927.301	7191.528
BAAQMD	Unctrl	2028	0.5	3.9	4.4	0.0	0.2	17.6	17.8	0.2	2.0	2.2	1405.641	0.037	0.058	1423.882	1291.724
BAAQMD	Ctrl	2026	0.3	2.3	7.9	0.0	0.2	4.0	4.1	0.1	0.5	0.6	1948.590	0.056	0.083	1974.744	1791.458
BAAQMD	Ctrl	2027	3.0	20.2	32.3	0.1	1.0	15.3	16.3	0.7	1.8	2.6	7844.510	0.233	0.258	7927.301	7191.528
BAAQMD	Ctrl	2028	0.3	1.9	5.4	0.0	0.1	4.9	5.0	0.1	0.6	0.7	1405.641	0.037	0.058	1423.882	1291.724

Table 53: Annual Emissions - SMAQMD (tons/year)

District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total	CO2	CH4	N2O	CO2e	CO2e (MT)
SMAQMD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
SMAQMD	Unctrl	2027	0.9	10.3	5.0	0.0	0.5	0.0	0.6	0.5	0.0	0.5	1053.5	0.0	0.0	1057.3	959.141
SMAQMD	Unctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
SMAQMD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
SMAQMD	Ctrl	2027	0.7	4.8	4.9	0.0	0.1	0.0	0.1	0.1	0.0	0.1	1053.5	0.0	0.0	1057.3	959.141
SMAQMD	Ctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000

Table 54: Annual Emissions - YSAQMD (tons/year)

District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total	CO2	CH4	N2O	CO2e	CO2e (MT)
YSAQMD	Unctrl	2026	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.000
YSAQMD	Unctrl	2027	0.00	0.02	0.04	0.00	0.00	0.23	0.23	0.00	0.02	0.03	19.81	0.00	0.00	20.2	18.308
YSAQMD	Unctrl	2028	0.02	0.07	0.08	0.00	0.01	0.33	0.34	0.00	0.04	0.04	31.06	0.00	0.00	31.4	28.450
YSAQMD	Ctrl	2026	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.000
YSAQMD	Ctrl	2027	0.00	0.02	0.06	0.00	0.00	0.07	0.07	0.00	0.01	0.01	19.81	0.00	0.00	20.2	18.308
YSAQMD	Ctrl	2028	0.01	0.03	0.10	0.00	0.00	0.10	0.10	0.00	0.01	0.01	31.06	0.00	0.00	31.4	28.450

Table 55: Annual Emissions - BAAQMD - By Utility (tons/year)

District	Type	Utility	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total	CO2	CH4	N2O	CO2e	CO2e (MT)
BAAQMD	Unctrl	LSPGC	2026	0.5	4.2	5.1	0.0	0.2	12.6	12.8	0.2	1.3	1.5	1742.6	0.1	0.1	1765.141	1601.310
BAAQMD	Unctrl	LSPGC	2027	3.3	34.1	21.6	0.1	1.8	23.6	25.4	1.6	2.5	4.1	5488.1	0.2	0.1	5532.390	5018.901
BAAQMD	Unctrl	LSPGC	2028	0.3	2.9	2.9	0.0	0.2	10.0	10.1	0.1	1.2	1.4	877.9	0.0	0.0	887.427	805.060
BAAQMD	Ctrl	LSPGC	2026	0.3	2.0	7.2	0.0	0.1	3.5	3.6	0.1	0.4	0.5	1742.6	0.1	0.1	1765.141	1601.310
BAAQMD	Ctrl	LSPGC	2027	2.5	17.1	23.9	0.1	0.7	6.8	7.5	0.5	0.9	1.4	5488.1	0.2	0.1	5532.390	5018.901
BAAQMD	Ctrl	LSPGC	2028	0.2	1.2	3.6	0.0	0.1	2.8	2.9	0.1	0.4	0.5	877.9	0.0	0.0	887.427	805.060
BAAQMD	Unctrl	PG&E	2026	0.1	0.5	0.5	0.0	0.0	2.0	2.0	0.0	0.2	0.2	206.0	0.0	0.0	209.603	190.149
BAAQMD	Unctrl	PG&E	2027	0.7	4.8	6.6	0.0	0.4	31.6	32.0	0.3	3.3	3.5	2356.4	0.1	0.1	2394.911	2172.628
BAAQMD	Unctrl	PG&E	2028	0.1	1.1	1.5	0.0	0.1	7.6	7.7	0.0	0.8	0.8	527.7	0.0	0.0	536.455	486.664
BAAQMD	Ctrl	PG&E	2026	0.0	0.3	0.7	0.0	0.0	0.5	0.5	0.0	0.1	0.1	206.0	0.0	0.0	209.603	190.149
BAAQMD	Ctrl	PG&E	2027	0.5	3.0	8.3	0.0	0.3	8.6	8.9	0.2	1.0	1.2	2356.4	0.1	0.1	2394.911	2172.628
BAAQMD	Ctrl	PG&E	2028	0.1	0.7	1.9	0.0	0.0	2.1	2.1	0.0	0.2	0.3	527.7	0.0	0.0	536.455	486.664

Table 56: Annual Emissions - SMAQMD - By Utility (tons/year)

District	Type	Utility	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total	CO2	CH4	N2O	CO2e	CO2e (MT)
SMAQMD	Unctrl	LSPGC	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
SMAQMD	Unctrl	LSPGC	2027	0.9	10.3	5.0	0.0	0.5	0.0	0.6	0.5	0.0	0.5	1053.5	0.0	0.0	1057.3	959.141
SMAQMD	Unctrl	LSPGC	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
SMAQMD	Ctrl	LSPGC	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
SMAQMD	Ctrl	LSPGC	2027	0.7	4.8	4.9	0.0	0.1	0.0	0.1	0.1	0.0	0.1	1053.5	0.0	0.0	1057.3	959.141
SMAQMD	Ctrl	LSPGC	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
SMAQMD	Unctrl	PG&E	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
SMAQMD	Unctrl	PG&E	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
SMAQMD	Unctrl	PG&E	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
SMAQMD	Ctrl	PG&E	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
SMAQMD	Ctrl	PG&E	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
SMAQMD	Ctrl	PG&E	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000

Table 57: Annual Emissions - YSAQMD - By Utility (tons/year)

District	Type	Utility	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total	CO2	CH4	N2O	CO2e	CO2e (MT)
YSAQMD	Unctrl	LSPGC	2026	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.000
YSAQMD	Unctrl	LSPGC	2027	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.000
YSAQMD	Unctrl	LSPGC	2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.000
YSAQMD	Ctrl	LSPGC	2026	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.000
YSAQMD	Ctrl	LSPGC	2027	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.000
YSAQMD	Ctrl	LSPGC	2028	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.000
YSAQMD	Unctrl	PG&E	2026	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.000
YSAQMD	Unctrl	PG&E	2027	0.00	0.02	0.04	0.00	0.00	0.23	0.23	0.00	0.02	0.03	19.81	0.00	0.00	20.2	18.308
YSAQMD	Unctrl	PG&E	2028	0.02	0.07	0.08	0.00	0.01	0.33	0.34	0.00	0.04	0.04	31.06	0.00	0.00	31.4	28.450
YSAQMD	Ctrl	PG&E	2026	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.000
YSAQMD	Ctrl	PG&E	2027	0.00	0.02	0.06	0.00	0.00	0.07	0.07	0.00	0.01	0.01	19.81	0.00	0.00	20.2	18.308
YSAQMD	Ctrl	PG&E	2028	0.01	0.03	0.10	0.00	0.00	0.10	0.10	0.00	0.01	0.01	31.06	0.00	0.00	31.4	28.450

Table 58: Annual GHG Emissions - BAAQMD (metric tons/year)

Phase	CO2	CH4	N2O	SF6	CO2e
Construction	10159.33	0.30	0.36	0.00	10274.71
O&M	2.47	0.00	0.00	0.00	2.59
Electricity	35.66	0.01	0.00	0.00	36.01
SF6 Loss	0.00	0.00	0.00	0.01	214.00
O&M Total	38.13	0.01	0.00	0.01	252.60

Table 59: Annual GHG Emissions - SMAQMD (metric tons/year)

Phase	CO2	CH4	N2O	SF6	CO2e
Construction	955.74	0.04	0.01	0.00	959.14
O&M	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00
SF6 Loss	0.00	0.00	0.00	0.00	0.00
O&M Total	0.00	0.00	0.00	0.00	0.00

Table 60: Annual GHG Emissions - YSAQMD (metric tons/year)

Phase	CO2	CH4	N2O	SF6	CO2e
Construction	46.15	0.00	0.00	0.00	46.76
O&M	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00
SF6 Loss	0.00	0.00	0.00	0.00	0.00
O&M Total	0.00	0.00	0.00	0.00	0.00

Table 61: Annual GHG Emissions - BAAQMD - By Utility (metric tons/year)

Phase	Utility	CO2	CH4	N2O	SF6	CO2e
Construction	LSPGC	7356.00	0.23	0.21	0.00	7425.27
O&M	LSPGC	2.47	0.00	0.00	0.00	2.59
Electricity	LSPGC	35.66	0.01	0.00	0.00	36.01
SF6 Loss	LSPGC	0.00	0.00	0.00	0.01	214.00
O&M Total	LSPGC	38.13	0.01	0.00	0.01	252.60
Construction	PG&E	2803.33	0.06	0.15	0.00	2849.44
O&M	PG&E	0.00	0.00	0.00	0.00	0.00
Electricity	PG&E	0.00	0.00	0.00	0.00	0.00
SF6 Loss	PG&E	0.00	0.00	0.00	0.00	0.00
O&M Total	PG&E	0.00	0.00	0.00	0.00	0.00

Table 62: Annual GHG Emissions - SMAQMD - By Utility (metric tons/year)

Phase	Utility	CO2	CH4	N2O	SF6	CO2e
Construction	LSPGC	955.74	0.04	0.01	0.00	959.14
O&M	LSPGC	0.00	0.00	0.00	0.00	0.00
Electricity	LSPGC	0.00	0.00	0.00	0.00	0.00
SF6 Loss	LSPGC	0.00	0.00	0.00	0.00	0.00
O&M Total	LSPGC	0.00	0.00	0.00	0.00	0.00
Construction	PG&E	0.00	0.00	0.00	0.00	0.00
O&M	PG&E	0.00	0.00	0.00	0.00	0.00
Electricity	PG&E	0.00	0.00	0.00	0.00	0.00
SF6 Loss	PG&E	0.00	0.00	0.00	0.00	0.00
O&M Total	PG&E	0.00	0.00	0.00	0.00	0.00

Table 63: Annual GHG Emissions - YSAQMD - By Utility (metric tons/year)

Phase	Utility	CO2	CH4	N2O	SF6	CO2e
Construction	LSPGC	0.00	0.00	0.00	0.00	0.00
O&M	LSPGC	0.00	0.00	0.00	0.00	0.00
Electricity	LSPGC	0.00	0.00	0.00	0.00	0.00
SF6 Loss	LSPGC	0.00	0.00	0.00	0.00	0.00
O&M Total	LSPGC	0.00	0.00	0.00	0.00	0.00
Construction	PG&E	46.15	0.00	0.00	0.00	46.76
O&M	PG&E	0.00	0.00	0.00	0.00	0.00
Electricity	PG&E	0.00	0.00	0.00	0.00	0.00
SF6 Loss	PG&E	0.00	0.00	0.00	0.00	0.00
O&M Total	PG&E	0.00	0.00	0.00	0.00	0.00

Table 64: Average Daily Construction Emissions in BAAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
200	BAAQMD	Unctrl	2026	5.4	47.4	55.8	0.2	2.5	146.0	148.5	2.0	15.2	17.2
320	BAAQMD	Unctrl	2027	25.1	242.7	175.9	0.5	13.7	345.2	358.9	11.4	36.4	47.8
164	BAAQMD	Unctrl	2028	5.7	48.2	53.6	0.2	2.8	214.2	216.9	2.2	24.6	26.9
200	BAAQMD	Ctrl	2026	2.9	22.5	79.2	0.2	1.5	39.9	41.4	1.1	4.6	5.7
320	BAAQMD	Ctrl	2027	18.7	126.1	201.6	0.5	6.1	95.9	102.0	4.7	11.4	16.1
164	BAAQMD	Ctrl	2028	3.4	23.1	66.4	0.2	1.8	59.3	61.1	1.3	7.7	9.1
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

Table 65: Average Daily Construction Emissions in BAAQMD - During Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
122	BAAQMD	Unctrl	2027	50.9	515.1	320.4	0.9	28.4	402.2	430.6	24.1	42.4	66.5
122	BAAQMD	Ctrl	2027	38.3	255.3	351.0	0.9	10.5	112.7	123.2	8.1	13.5	21.7
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

Table 66: Average Daily Construction Emissions in BAAQMD - Outside Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
198	BAAQMD	Unctrl	2027	9.2	74.8	86.9	0.3	4.6	310.1	314.7	3.6	32.6	36.2
198	BAAQMD	Ctrl	2027	6.5	46.5	109.6	0.3	3.4	85.6	89.0	2.6	10.1	12.7
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

Table 67: Average Daily Construction Emissions in SMAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	SMAQMD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	SMAQMD	Unctrl	2027	49.4	556.4	268.6	0.6	28.0	2.0	29.9	25.0	0.5	25.5
0	SMAQMD	Unctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	SMAQMD	Ctrl	2027	38.2	260.8	264.7	0.6	5.6	2.0	7.6	5.1	0.5	5.5
0	SMAQMD	Ctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N/A	N/A	Threshold	N/A	None	85	None	None	None	None	80	None	None	82

Table 68: Average Daily Construction Emissions in YSAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	YSAMQD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	YSAMQD	Unctrl	2027	0.5	4.1	7.1	0.0	0.3	38.8	39.1	0.2	4.1	4.3
27	YSAMQD	Unctrl	2028	1.3	4.9	6.3	0.0	0.5	24.5	25.0	0.2	2.6	2.9
0	YSAMQD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	YSAMQD	Ctrl	2027	0.4	2.6	9.9	0.0	0.2	10.9	11.2	0.1	1.3	1.5
27	YSAMQD	Ctrl	2028	1.0	2.0	7.8	0.0	0.3	7.1	7.4	0.1	0.9	1.0
39	YSAMQD	Unctrl	All	1.1	4.6	6.5	0.0	0.4	28.9	29.3	0.2	3.1	3.3
39	YSAMQD	Ctrl	All	0.8	2.2	8.4	0.0	0.3	8.3	8.6	0.1	1.0	1.2
N/A	N/A	Threshold	N/A	None	None	None	None	None	None	80	None	None	None

Table 69: LSPGC - Average Daily Construction Emissions in BAAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
200	BAAQMD	Unctrl	2026	4.9	41.9	50.6	0.2	2.2	126.2	128.4	1.8	13.2	14.9
320	BAAQMD	Unctrl	2027	20.9	212.8	134.8	0.3	11.2	147.7	158.9	9.8	15.9	25.7
164	BAAQMD	Unctrl	2028	4.0	35.2	35.4	0.1	2.0	121.6	123.5	1.7	15.0	16.7
200	BAAQMD	Ctrl	2026	2.6	19.9	71.8	0.2	1.3	34.6	36.0	1.0	4.0	5.0
320	BAAQMD	Ctrl	2027	15.5	107.1	149.7	0.3	4.1	42.5	46.6	3.4	5.3	8.8
164	BAAQMD	Ctrl	2028	2.2	15.0	43.6	0.1	1.2	34.2	35.4	0.9	4.9	5.8
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

Table 70: LSPGC - Average Daily Construction Emissions in BAAQMD - During Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
122	BAAQMD	Unctrl	2027	45.8	482.4	274.4	0.7	25.0	183.9	208.9	22.0	19.8	41.8
122	BAAQMD	Ctrl	2027	34.4	235.2	294.0	0.7	7.7	53.5	61.2	6.5	6.8	13.2
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

Table 71: LSPGC - Average Daily Construction Emissions in BAAQMD - Outside Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
198	BAAQMD	Unctrl	2027	5.6	46.7	48.7	0.1	2.7	125.4	128.1	2.3	13.5	15.8
198	BAAQMD	Ctrl	2027	3.9	28.1	60.7	0.1	1.9	35.6	37.6	1.6	4.4	6.0
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

Table 72: LSPGC - Average Daily Construction Emissions in SMAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	SMAQMD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	SMAQMD	Unctrl	2027	49.4	556.4	268.6	0.6	28.0	2.0	29.9	25.0	0.5	25.5
0	SMAQMD	Unctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	SMAQMD	Ctrl	2027	38.2	260.8	264.7	0.6	5.6	2.0	7.6	5.1	0.5	5.5
0	SMAQMD	Ctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N/A	N/A	Threshold	N/A	None	85	None	None	None	None	80	None	None	82

Table 73: LSPGC - Average Daily Construction Emissions in YSAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	YSAMQD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Unctrl	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Unctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Ctrl	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Ctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Unctrl	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Ctrl	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N/A	N/A	Threshold	N/A	None	None	None	None	None	None	80	None	None	None

Table 74: PG&E - Average Daily Construction Emissions in BAAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
51	BAAQMD	Unctrl	2026	2.2	21.5	20.3	0.1	1.2	77.6	78.7	0.9	8.0	8.9
320	BAAQMD	Unctrl	2027	4.2	29.8	41.1	0.2	2.4	197.5	200.0	1.6	20.5	22.1
126	BAAQMD	Unctrl	2028	2.1	16.9	23.7	0.1	1.0	120.5	121.6	0.8	12.5	13.3
51	BAAQMD	Ctrl	2026	1.1	10.1	29.2	0.1	0.7	20.6	21.3	0.5	2.3	2.8
320	BAAQMD	Ctrl	2027	3.1	19.0	52.0	0.2	2.0	53.5	55.5	1.3	6.1	7.3
126	BAAQMD	Ctrl	2028	1.5	10.6	29.6	0.1	0.8	32.7	33.5	0.5	3.7	4.3
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

Table 75: PG&E - Average Daily Construction Emissions in BAAQMD - During Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
122	BAAQMD	Unctrl	2027	5.1	32.6	45.9	0.2	3.4	218.3	221.7	2.1	22.6	24.8
122	BAAQMD	Ctrl	2027	3.9	20.1	57.0	0.2	2.9	59.2	62.1	1.7	6.8	8.4
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

Table 76: PG&E - Average Daily Construction Emissions in BAAQMD - Outside Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
198	BAAQMD	Unctrl	2027	3.6	28.1	38.2	0.1	1.9	184.7	186.6	1.3	19.1	20.4
198	BAAQMD	Ctrl	2027	2.6	18.3	48.9	0.1	1.5	49.9	51.4	1.0	5.7	6.6
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

Table 77: PG&E - Average Daily Construction Emissions in SMAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	SMAQMD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Unctrl	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Unctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N/A	N/A	Threshold	N/A	None	85	None	None	None	None	80	None	None	82

Table 78: PG&E - Average Daily Construction Emissions in YSAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	YSAMQD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	YSAMQD	Unctrl	2027	0.5	4.1	7.1	0.0	0.3	38.8	39.1	0.2	4.1	4.3
27	YSAMQD	Unctrl	2028	1.3	4.9	6.3	0.0	0.5	24.5	25.0	0.2	2.6	2.9
0	YSAMQD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	YSAMQD	Ctrl	2027	0.4	2.6	9.9	0.0	0.2	10.9	11.2	0.1	1.3	1.5
27	YSAMQD	Ctrl	2028	1.0	2.0	7.8	0.0	0.3	7.1	7.4	0.1	0.9	1.0
39	YSAMQD	Unctrl	All	1.1	4.6	6.5	0.0	0.4	28.9	29.3	0.2	3.1	3.3
39	YSAMQD	Ctrl	All	0.8	2.2	8.4	0.0	0.3	8.3	8.6	0.1	1.0	1.2
N/A	N/A	Threshold	N/A	None	None	None	None	None	None	80	None	None	None

Table 79: Equipment List and Trip Requirements

Equip Index	Activity Index	Activity Name	Equipment Name	HP	Fuel Type	Quantity	Days Used	Hours Per Day	On-Off	On Type	On Distance per Trip (miles)	Trips Per Day	Daily VMT	Total VMT	Total Trips per day	Total Trips	Vehicle Type	Utility	Component
1	L-01	Survey	Pickup - 1/2 Ton	395	Gasoline	2	26	4	on	passenger	40	2	160	4160	4	104	Worker	LSPGC	Misc
2	L-02	Site Development/Staging Yards	Truck - Water 4 K	300	Diesel	4	76	8	on	vendor	40	2	320	24320	8	608	Truck	LSPGC	Substation
3	L-02	Site Development/Staging Yards	Loader - 4-5 Yd	230	Diesel	2	76	8	off									LSPGC	Substation
4	L-02	Site Development/Staging Yards	Truck - Dump 10-12 Yd	415	Diesel	5	76	8	on	hhdt	40	4	800	60800	20	1520	Truck	LSPGC	Substation
5	L-02	Site Development/Staging Yards	Motor Grader	250	Diesel	2	76	8	off									LSPGC	Substation
6	L-02	Site Development/Staging Yards	Scraper	410	Diesel	4	76	8	off									LSPGC	Substation
7	L-02	Site Development/Staging Yards	Vibratory Roller	157	Diesel	2	76	8	off									LSPGC	Substation
8	L-02	Site Development/Staging Yards	Pickup - 1/2 Ton	395	Gasoline	4	76	4	on	passenger	40	2	320	24320	8	608	Worker	LSPGC	Substation
9	L-02	Site Development/Staging Yards	Generator – 25 Kw	36	Diesel	2	76	8	off									LSPGC	Substation
10	L-02	Site Development/Staging Yards	Forklift - 15,000 lb	130	Diesel	4	76	6	off									LSPGC	Substation
11	L-02	Site Development/Staging Yards	Pickup - 1 Ton	410	Diesel	4	76	4	on	passenger	40	2	320	24320	8	608	Worker	LSPGC	Substation
12	L-02	Site Development/Staging Yards	844 Loader	417	Diesel	1	76	6	off									LSPGC	Substation
13	L-02	Site Development/Staging Yards	Semi Truck	500	Diesel	2	76	6	on	hhdt	40	2	160	12160	4	304	Truck	LSPGC	Substation
14	L-03	Below-Grade Construction	Truck - Water 4 K	300	Diesel	2	152	8	on	vendor	40	2	160	24320	4	608	Truck	LSPGC	Substation
15	L-03	Below-Grade Construction	Excavator	108	Diesel	2	152	8	off									LSPGC	Substation
16	L-03	Below-Grade Construction	Forklift - 15 K Reach	130	Diesel	3	152	8	off									LSPGC	Substation
17	L-03	Below-Grade Construction	Backhoe - 2X4	68	Diesel	2	152	6	off									LSPGC	Substation
18	L-03	Below-Grade Construction	Pickup - 1/2 Ton	395	Gasoline	4	152	2	on	passenger	40	2	320	48640	8	1216	Worker	LSPGC	Substation
19	L-03	Below-Grade Construction	Pickup - 1 Ton	410	Diesel	4	152	2	on	passenger	40	2	320	48640	8	1216	Worker	LSPGC	Substation
20	L-03	Below-Grade Construction	Excavator - Mini	70	Diesel	1	152	5	off									LSPGC	Substation
21	L-03	Below-Grade Construction	Generator – 25 Kw	36	Diesel	1	152	8	off									LSPGC	Substation
22	L-03	Below-Grade Construction	Truck - Concrete	425	Diesel	4	152	5	on	hhdt	60	2	480	72960	8	1216	Truck	LSPGC	Substation
23	L-03	Below-Grade Construction	Loader - 4-5 Yd	230	Diesel	2	152	8	off									LSPGC	Substation
24	L-03	Below-Grade Construction	Pressure Digger - Lo-Drill (Tracked)	275	Diesel	1	152	8	off									LSPGC	Substation
25	L-03	Below-Grade Construction	Excavator	275	Diesel	1	152	8	off									LSPGC	Substation
26	L-03	Below-Grade Construction	Truck - Dump 10-12 Yd	415	Diesel	3	152	5	on	hhdt	40	4	480	72960	12	1824	Truck	LSPGC	Substation
27	L-03	Below-Grade Construction	Tool - Van/Conex 20'	0	NA	6	152	8	NA									LSPGC	Substation
28	L-03	Below-Grade Construction	Trencher	75	Diesel	2	152	5	off									LSPGC	Substation
29	L-03	Below-Grade Construction	Skid steer loader	74	Diesel	2	152	8	off									LSPGC	Substation
30	L-03	Below-Grade Construction	Wire Trailer/ Tensioner	175	Diesel	1	152	5	off									LSPGC	Substation
31	L-03	Below-Grade Construction	Wire Puller	175	Diesel	1	152	5	off									LSPGC	Substation
32	L-04	Above-Grade Construction	Wire Trailer/ Tensioner	175	Diesel	1	333	5	off									LSPGC	Substation
33	L-04	Above-Grade Construction	Wire Puller	175	Diesel	1	333	5	off									LSPGC	Substation
34	L-04	Above-Grade Construction	Crane - 200 Ton	275	Diesel	1	333	4	off									LSPGC	Substation
35	L-04	Above-Grade Construction	Pickup - 1/2 Ton	395	Gasoline	4	333	2	on	passenger	40	2	320	106560	8	2664	Worker	LSPGC	Substation
36	L-04	Above-Grade Construction	Pickup - 1 Ton	410	Diesel	4	333	2	on	passenger	40	2	320	106560	8	2664	Worker	LSPGC	Substation
37	L-04	Above-Grade Construction	Welding Truck	395	Diesel	2	333	2	on	vendor	40	2	160	53280	4	1332	Truck	LSPGC	Substation
38	L-04	Above-Grade Construction	Generator – 25 Kw	36	Diesel	2	333	8	off									LSPGC	Substation
39	L-04	Above-Grade Construction	Crane - 35 Ton (Manlift)	250	Diesel	2	333	5	off									LSPGC	Substation
40	L-04	Above-Grade Construction	Forklift - 10 K Reach	130	Diesel	2	333	4	off									LSPGC	Substation
41	L-04	Above-Grade Construction	Forklift -15,000 lb	130	Diesel	1	333	4	off									LSPGC	Substation
42	L-04	Above-Grade Construction	Loader - 4-5 Yd	74	Diesel	2	333	5	off									LSPGC	Substation
43	L-04	Above-Grade Construction	120' Manlift	74	Diesel	2	333	4	off									LSPGC	Substation
44	P-05	Foundation Installation	Pressure Digger - Lo-Drill (Tracked)	275	Diesel	1	54	8	off									PG&E	Transmission
45	P-05	Foundation Installation	Truck - Concrete	425	Diesel	4	54	5	on	hhdt	60	2	480	25920	8	432	Truck	PG&E	Transmission
46	P-05	Foundation Installation	Pickup - 1 Ton	410	Diesel	4	70	2	on	passenger	60	2	480	40320	8	560	Worker	PG&E	Transmission
47	P-05	Foundation Installation	Truck - Water 4 K	300	Diesel	2	70	6	on	vendor	60	2	240	20160	4	280	Truck	PG&E	Transmission
48	P-05	Foundation Installation	Truck - Dump 10-12 Yd	415	Diesel	2	20	8	on	hhdt	40	2	160	3200	4	80	Truck	PG&E	Transmission
49	P-05	Foundation Installation	Skid steer loader	74	Diesel	1	35	8	off									PG&E	Transmission
50	P-05	Foundation Installation	Forklift - 10 K Reach	130	Diesel	2	35	8	off									PG&E	Transmission
51	P-05	Foundation Installation	Crane - 35 Ton (Manlift)	250	Diesel	1	35	4	off									PG&E	Transmission
52	P-05	Foundation Installation	Loader - 4-5 Yd	230	Diesel	1	35	8	off									PG&E	Transmission
53	P-05	Foundation Installation	D4 Type Dozer	130	Diesel	1	20	8	off									PG&E	Transmission
54	P-05	Foundation Installation	Excavator	250	Diesel	1	20	8	off									PG&E	Transmission
55	P-05	Foundation Installation	Vibratory Roller	125	Diesel	1	20	8	off									PG&E	Transmission
56	P-06	Structure Installation	Crane - 35 Ton (Manlift)	250	Diesel	2	40	8	off									PG&E	Transmission
57	P-06	Structure Installation	Helicopter - Heavy Duty	3200	Jet	1	13	5	helicopter									PG&E	Transmission
58	P-06	Structure Installation	Pickup - 1/2 ton	395	Gasoline	2	40	2	on	passenger	40	2	160	7,680	4	160	Worker	PG&E	Transmission
59	P-06	Structure Installation	Forklift - 25,000 lb	175	Diesel	1	20	5	off									PG&E	Transmission
60	P-06	Structure Installation	Pickup - 1 ton	410	Diesel	2	40	2	on	passenger	60	2	240	11520	4	160	Worker	PG&E	Transmission
61	P-06	Structure Installation	Crane - 200 Ton	275	Diesel	1	40	8	off									PG&E	Transmission
62	P-06	Structure Installation	Truck - Water 4 K	300	Diesel	2	40	6	on	vendor	60	2	240	11520	4	160	Truck	PG&E	Transmission
63	P-06	Structure Installation	Jet Fuel Truck	300	Diesel	1	13	8	on	vendor	40	2	80	1040	2	26	Truck	PG&E	Transmission
64	P-07	Conductor Installation	Helicopter	700	Jet	1	12	8	helicopter									PG&E	Transmission
65	P-07	Conductor Installation	Jet Fuel Truck	300	Diesel	1	12	8	on	vendor	40	2	80	960	2	24	Truck	PG&E	Transmission
66	P-07	Conductor Installation	Crane - 35 Ton (Manlift)	250	Diesel	1	40	8	off									PG&E	Transmission

Equip Index	Activity Index	Activity Name	Equipment Name	HP	Fuel Type	Quantity	Days Used	Hours Per Day	On-Off	On Type	On Distance per Trip (miles)	Trips Per Day	Daily VMT	Total VMT	Total Trips per day	Total Trips	Vehicle Type	Utility	Component
67	P-07	Conductor Installation	Pickup - 1/2 ton	395	Gasoline	4	40	2	on	passenger	40	2	320	15040	8	320	Worker	PG&E	Transmission
68	P-07	Conductor Installation	Pickup - 1 Ton	410	Diesel	4	40	2	on	passenger	60	2	480	22560	8	320	Worker	PG&E	Transmission
69	P-07	Conductor Installation	D8 Sag Dozer	200	Diesel	1	6	8	off									PG&E	Transmission
70	P-07	Conductor Installation	Wire Puller	175	Diesel	1	40	5	off									PG&E	Transmission
71	P-07	Conductor Installation	Truck - Water 4 K	300	Diesel	2	40	6	on	vendor	60	2	240	11280	4	160	Truck	PG&E	Transmission
72	P-07	Conductor Installation	Wire Trailer/ Tensioner	175	Diesel	1	40	5	off									PG&E	Transmission
73	L-08	Access Road Construction	Pickup - 1/2 ton	395	Gasoline	2	16	4	on	passenger	40	2	160	2560	4	64	Worker	LSPGC	Transmission
74	L-08	Access Road Construction	Pickup - 1 ton	410	Diesel	2	16	4	on	passenger	40	2	160	2560	4	64	Worker	LSPGC	Transmission
75	L-08	Access Road Construction	Motor Grader	250	Diesel	1	16	8	off									LSPGC	Transmission
76	L-08	Access Road Construction	Truck - Dump 10-12 Yd	415	Diesel	2	16	8	on	hhdt	40	2	160	2560	4	64	Truck	LSPGC	Transmission
77	L-08	Access Road Construction	Skid steer loader	74	Diesel	1	16	8	off									LSPGC	Transmission
78	L-08	Access Road Construction	Truck - Water 4 K	300	Diesel	2	16	6	on	vendor	40	2	160	2560	4	64	Truck	LSPGC	Transmission
79	L-08	Access Road Construction	D6 Type Dozer	250	Diesel	1	16	8	off									LSPGC	Transmission
80	L-08	Access Road Construction	Excavator	250	Diesel	1	16	8	off									LSPGC	Transmission
81	L-09	Foundation Installation	Pressure Digger - Lo-Drill (Tracked)	275	Diesel	1	22	8	off									LSPGC	Transmission
82	L-09	Foundation Installation	Truck - Concrete	425	Diesel	4	22	5	on	hhdt	60	2	480	10560	8	176	Truck	LSPGC	Transmission
83	L-09	Foundation Installation	Pickup - 1 Ton	410	Diesel	4	22	2	on	passenger	40	2	320	7040	8	176	Worker	LSPGC	Transmission
84	L-09	Foundation Installation	Truck - Water 4 K	300	Diesel	2	22	6	on	vendor	40	2	160	3520	4	88	Truck	LSPGC	Transmission
85	L-09	Foundation Installation	Truck - Dump 10-12 Yd	415	Diesel	2	22	8	on	hhdt	40	2	160	3520	4	88	Truck	LSPGC	Transmission
86	L-09	Foundation Installation	Skid steer loader	74	Diesel	1	22	8	off									LSPGC	Transmission
87	L-09	Foundation Installation	Forklift - 10 K Reach	130	Diesel	2	22	8	off									LSPGC	Transmission
88	L-09	Foundation Installation	Crane - 35 Ton (Manlift)	250	Diesel	1	22	4	off									LSPGC	Transmission
89	L-09	Foundation Installation	844 Loader	417	Diesel	1	22	8	off									LSPGC	Transmission
90	L-09	Foundation Installation	Rough Terrain Crane	185	Diesel	1	22	2	off									LSPGC	Transmission
91	L-10	Structure Installation	Crane - 35 Ton (Manlift)	250	Diesel	2	24	8	off									LSPGC	Transmission
92	L-10	Structure Installation	Pickup - 1/2 ton	395	Gasoline	2	24	2	on	passenger	40	2	160	3840	4	96	Worker	LSPGC	Transmission
93	L-10	Structure Installation	Forklift - 15,000 lb	130	Diesel	1	24	5	off									LSPGC	Transmission
94	L-10	Structure Installation	Pickup - 1 ton	410	Diesel	2	24	2	on	passenger	40	2	160	3,840	4	96	Worker	LSPGC	Transmission
95	L-10	Structure Installation	Crane - 200 Ton	275	Diesel	1	24	8	off									LSPGC	Transmission
96	L-10	Structure Installation	844 Loader	417	Diesel	1	24	8	off									LSPGC	Transmission
97	L-10	Structure Installation	Truck - Water 4 K	300	Diesel	2	24	6	on	vendor	40	2	160	3840	4	96	Truck	LSPGC	Transmission
98	L-11	Conductor Installation	Helicopter	700	Jet	1	6	8	helicopter									LSPGC	Transmission
99	L-11	Conductor Installation	Jet Fuel Truck	300	Diesel	1	26	8	on	vendor	60	2	120	3,120	2	52	Truck	LSPGC	Transmission
100	L-11	Conductor Installation	Crane - 35 Ton (Manlift)	250	Diesel	6	26	8	off									LSPGC	Transmission
101	L-11	Conductor Installation	Pickup - 1/2 ton	395	Gasoline	4	26	2	on	passenger	40	2	320	8320	8	208	Worker	LSPGC	Transmission
102	L-11	Conductor Installation	Pickup - 1 Ton	410	Diesel	4	26	2	on	passenger	40	2	320	8320	8	208	Worker	LSPGC	Transmission
103	L-11	Conductor Installation	D8 Sag Dozer	200	Diesel	3	26	8	off									LSPGC	Transmission
104	L-11	Conductor Installation	Wire Puller	175	Diesel	1	26	5	off									LSPGC	Transmission
105	L-11	Conductor Installation	Truck - Water 4 K	300	Diesel	2	26	6	on	vendor	40	2	160	4160	4	104	Truck	LSPGC	Transmission
106	L-11	Conductor Installation	Wire Trailer/ Tensioner	175	Diesel	1	26	5	off									LSPGC	Transmission
107	L-14	Submarine Cable Installation	Water Pumps	325	Diesel	2	122	15	off									LSPGC	Transmission
108	L-14	Submarine Cable Installation	Deck Generator	170	Diesel	1	122	21	off									LSPGC	Transmission
109	L-14	Submarine Cable Installation	Deck Equipment	100	Diesel	1	122	21	off									LSPGC	Transmission
110	L-14	Submarine Cable Installation	Anchor Winches	225	Diesel	2	122	12	off									LSPGC	Transmission
111	L-14	Submarine Cable Installation	Deck Winch	100	Diesel	1	122	12	off									LSPGC	Transmission
112	L-14	Submarine Cable Installation	Crane	180	Diesel	1	122	5	off									LSPGC	Transmission
113	L-14	Submarine Cable Installation	Linear Cable Engine	200	Diesel	3	122	12	off									LSPGC	Transmission
114	L-14	Submarine Cable Installation	Barge Tug	2000	Diesel	1	122	11	boat									LSPGC	Transmission
115	L-14	Submarine Cable Installation	Deck Generator - 100kW	100	Diesel	1	122	17	off									LSPGC	Transmission
116	L-14	Submarine Cable Installation	Small Boats	250	Diesel	2	122	16	boat									LSPGC	Transmission
117	L-14	Submarine Cable Installation	Deck Equipment	100	Diesel	1	67	6	off									LSPGC	Transmission
118	L-14	Submarine Cable Installation	Crane	180	Diesel	1	67	2	off									LSPGC	Transmission
119	L-14	Submarine Cable Installation	Dive Compressor	50	Diesel	1	67	2	off									LSPGC	Transmission
120	L-14	Submarine Cable Installation	Deck Generator	170	Diesel	1	67	12	off									LSPGC	Transmission
121	L-14	Submarine Cable Installation	Anchor Tug	1320	Diesel	1	70	22	boat									LSPGC	Transmission
122	L-14	Submarine Cable Installation	Deck Generator - 100kW	100	Diesel	1	70	22	off									LSPGC	Transmission
123	L-14	Submarine Cable Installation	Survey Vessel	250	Diesel	1	18	11	boat									LSPGC	Transmission
124	L-14	Submarine Cable Installation	Pull In Winch	225	Diesel	1	20	11	off									LSPGC	Transmission
125	L-15	Southern Transition Approach Construction	Survey Vessel	250	Diesel	0	0	0	boat									LSPGC	Transmission
126	L-15	Southern Transition Approach Construction	Pull In Winch	225	Diesel	0	138	0	off									LSPGC	Transmission
127	L-15	Southern Transition Approach Construction	Onshore Crane	180	Diesel	1	138	8	off									LSPGC	Transmission
128	L-15	Southern Transition Approach Construction	Crane - 200 ton	275	Diesel	1	138	6	off									LSPGC	Transmission
129	L-15	Southern Transition Approach Construction	Onshore Vibratory Hammer	300	Diesel	1	138	8	off									LSPGC	Transmission
130	L-15	Southern Transition Approach Construction	Air Compressor	50	Diesel	1	138	8	off									LSPGC	Transmission
131	L-15	Southern Transition Approach Construction	Truck - Dump 10-12 Yd	415	Diesel	4	138	6	on	hhdt	40	2	320	44160	8	1104	Truck	LSPGC	Transmission
132	L-15	Southern Transition Approach Construction	Onshore Dewatering Equip	50	Diesel	2	138	8	off									LSPGC	Transmission
133	L-15	Southern Transition Approach Construction	Onshore Trucks	300	Diesel	4	138	8	on	vendor	60	2	480	66240	8	1104	Truck	LSPGC	Transmission

Equip Index	Activity Index	Activity Name	Equipment Name	HP	Fuel Type	Quantity	Days Used	Hours Per Day	On-Off	On Type	On Distance per Trip (miles)	Trips Per Day	Daily VMT	Total VMT	Total Trips per day	Total Trips	Vehicle Type	Utility	Component
134	L-16	Substation Getaways	Pickup - 1/2 Ton	395	Gasoline	4	70	2	on	passenger	40	2	320	22400	8	560	Worker	LSPGC	Transmission
135	L-16	Substation Getaways	Pickup - 1 Ton	410	Diesel	4	70	2	on	passenger	40	2	320	22400	8	560	Worker	LSPGC	Transmission
136	L-16	Substation Getaways	Welding Truck	395	Diesel	2	70	2	on	vendor	40	2	160	11200	4	280	Truck	LSPGC	Transmission
137	L-16	Substation Getaways	Generator – 25 Kw	36	Diesel	2	70	8	off									LSPGC	Transmission
138	L-16	Substation Getaways	Crane - 35 Ton (Manlift)	250	Diesel	2	70	5	off									LSPGC	Transmission
139	L-16	Substation Getaways	Forklift - 10 K Reach	130	Diesel	2	70	4	off									LSPGC	Transmission
140	L-16	Substation Getaways	Forklift -15,000 lb	130	Diesel	1	70	4	off									LSPGC	Transmission
141	L-16	Substation Getaways	Loader - 4-5 Yd	74	Diesel	2	70	5	off									LSPGC	Transmission
142	L-16	Substation Getaways	Wire Trailer/ Tensioner	175	Diesel	1	70	5	off									LSPGC	Transmission
143	L-16	Substation Getaways	Wire Puller	175	Diesel	1	70	5	off									LSPGC	Transmission
144	L-16	Substation Getaways	Skid steer loader	74	Diesel	2	70	8	off									LSPGC	Transmission
145	L-16	Substation Getaways	Backhoe - 2X4	68	Diesel	2	70	6	off									LSPGC	Transmission
146	P-17	Distribution Extension to Substation	Pickup - 1/2 ton	395	Gasoline	2	51	2	on	passenger	40	2	160	8160	4	204	Worker	PG&E	Other
147	P-17	Distribution Extension to Substation	Wire Trailer/ Tensioner	175	Diesel	1	51	5	off									PG&E	Other
148	P-17	Distribution Extension to Substation	Wire Puller	175	Diesel	1	51	5	off									PG&E	Other
149	P-17	Distribution Extension to Substation	Crane - 35 Ton (Manlift)	250	Diesel	2	51	8	off									PG&E	Other
150	P-17	Distribution Extension to Substation	Pickup - 1 Ton	410	Diesel	2	51	2	on	passenger	60	2	240	12240	4	204	Worker	PG&E	Other
151	P-17	Distribution Extension to Substation	Forklift - 15 K Reach	130	Diesel	2	51	6	off									PG&E	Other
152	P-17	Distribution Extension to Substation	Pressure Digger - Lo-Drill (Tracked)	275	Diesel	1	51	8	off									PG&E	Other
153	P-17	Distribution Extension to Substation	Truck - Dump 10-12 Yd	415	Diesel	2	51	8	on	hhdt	40	2	160	8160	4	204	Truck	PG&E	Other
154	P-17	Distribution Extension to Substation	Skid steer loader	74	Diesel	2	51	8	off									PG&E	Other
155	P-17	Distribution Extension to Substation	Truck - Concrete	425	Diesel	4	51	5	on	hhdt	60	2	480	24480	8	408	Truck	PG&E	Other
156	P-17	Distribution Extension to Substation	Backhoe - 2X4	68	Diesel	1	51	8	off									PG&E	Other
157	L-18	Fiber Extension to Substation	Crane - 35 Ton (Manlift)	250	Diesel	2	103	8	off									LSPGC	Other
158	L-18	Fiber Extension to Substation	Forklift - 10 K Reach	130	Diesel	1	103	5	off									LSPGC	Other
159	L-18	Fiber Extension to Substation	Excavator - Mini	70	Diesel	2	103	5	off									LSPGC	Other
160	L-18	Fiber Extension to Substation	Truck - Dump 10-12 Yd	415	Diesel	3	103	5	on	hhdt	40	2	240	24720	6	618	Truck	LSPGC	Other
161	L-18	Fiber Extension to Substation	Skid steer loader	74	Diesel	2	103	8	off									LSPGC	Other
162	L-18	Fiber Extension to Substation	Trencher	75	Diesel	1	103	8	off									LSPGC	Other
163	L-18	Fiber Extension to Substation	Pickup - 1 Ton	410	Diesel	3	103	2	on	passenger	40	2	240	24720	6	618	Worker	LSPGC	Other
164	L-18	Fiber Extension to Substation	Truck - Concrete	425	Diesel	2	103	5	on	hhdt	60	2	240	24720	4	412	Truck	LSPGC	Other
165	L-18	Fiber Extension to Substation	Wire Trailer/ Tensioner	175	Diesel	1	103	5	off									LSPGC	Other
166	L-18	Fiber Extension to Substation	Wire Puller	175	Diesel	1	103	5	off									LSPGC	Other
167	P-19	Pittsburg Substation Upgrades	Pickup - 1/2 Ton	395	Gasoline	4	250	2	on	passenger	40	2	320	104000	8	2000	Worker	PG&E	Other
168	P-19	Pittsburg Substation Upgrades	Pickup - 1 Ton	410	Diesel	2	250	2	on	passenger	60	2	240	78000	4	1000	Worker	PG&E	Other
169	P-19	Pittsburg Substation Upgrades	Welding Truck	395	Diesel	1	144	5	on	vendor	60	2	120	17280	2	288	Truck	PG&E	Other
170	P-19	Pittsburg Substation Upgrades	Crane - 35 Ton (Manlift)	250	Diesel	1	144	5	off									PG&E	Other
171	P-19	Pittsburg Substation Upgrades	Forklift -15,000 lb	130	Diesel	2	144	4	off									PG&E	Other
172	P-19	Pittsburg Substation Upgrades	120' Manlift	74	Diesel	2	144	7	off									PG&E	Other
173	P-19	Pittsburg Substation Upgrades	Truck - Water 4 K	300	Diesel	1	144	5	on	vendor	60	2	120	17280	2	288	Truck	PG&E	Other
174	P-19	Pittsburg Substation Upgrades	Excavator	108	Diesel	1	144	6	off									PG&E	Other
175	P-19	Pittsburg Substation Upgrades	Excavator - Mini	70	Diesel	2	144	5	off									PG&E	Other
176	P-19	Pittsburg Substation Upgrades	Generator – 25 Kw	36	Diesel	1	144	8	off									PG&E	Other
177	P-19	Pittsburg Substation Upgrades	Truck - Concrete	425	Diesel	4	144	5	on	hhdt	60	2	480	69120	8	1152	Truck	PG&E	Other
178	P-19	Pittsburg Substation Upgrades	Loader - 4-5 Yd	230	Diesel	1	144	6	off									PG&E	Other
179	P-19	Pittsburg Substation Upgrades	Pressure Digger - Lo-Drill (Tracked)	275	Diesel	1	144	8	off									PG&E	Other
180	P-19	Pittsburg Substation Upgrades	Excavator	275	Diesel	1	144	8	off									PG&E	Other
181	P-19	Pittsburg Substation Upgrades	Truck - Dump 10-12 Yd	415	Diesel	4	144	5	on	hhdt	40	2	320	46080	8	1152	Truck	PG&E	Other
182	P-19	Pittsburg Substation Upgrades	Tool - Van/Conex 20'	0	NA	2	144	8	NA									PG&E	Other
183	P-19	Pittsburg Substation Upgrades	Skid steer loader	74	Diesel	2	144	8	off									PG&E	Other
184	L-20	Commissioning and Testing	Pickup - 1/2 Ton	395	Gasoline	4	174	2	on	passenger	40	2	320	55680	8	1392	Worker	LSPGC	Misc
185	L-20	Commissioning and Testing	Pickup - 1 Ton	410	Diesel	4	174	2	on	passenger	40	2	320	55680	8	1392	Worker	LSPGC	Misc
186	L-20	Commissioning and Testing	Manlift - 40'	49	Diesel	3	174	8	off									LSPGC	Misc
187	L-20	Commissioning and Testing	Truck - Water 4 K	300	Diesel	1	174	8	on	vendor	40	2	80	13920	2	348	Truck	LSPGC	Misc
188	L-20	Commissioning and Testing	Tool - Van/Conex 20'	0	NA	6	174	8	NA									LSPGC	Misc
189	L-20	Commissioning and Testing	Deck Barge	N/A	NA	0	174	0	NA									LSPGC	Misc
190	L-20	Commissioning and Testing	Deck Generator	170	Diesel	0	174	0	off									LSPGC	Misc
191	L-20	Commissioning and Testing	Crane - 35 Ton (Manlift)	250	Diesel	2	174	8	off									LSPGC	Misc
192	L-21	Cleanup and Restoration	Pickup - 1 Ton	410	Diesel	4	140	2	on	passenger	40	2	320	44800	8	1120	Worker	LSPGC	Misc
193	L-21	Cleanup and Restoration	Motor Grader	250	Diesel	2	140	8	off									LSPGC	Misc
194	L-21	Cleanup and Restoration	Backhoe - 2X4	68	Diesel	2	140	8	off									LSPGC	Misc
195	L-21	Cleanup and Restoration	Truck - Water 4 K	300	Diesel	2	140	8	on	vendor	40	2	160	22400	4	560	Truck	LSPGC	Misc
196	L-21	Cleanup and Restoration	Skid steer loader	74	Diesel	1	140	8	off									LSPGC	Misc
197	L-21	Cleanup and Restoration	Excavator	250	Diesel	1	140	8	off									LSPGC	Misc
198	L-21	Cleanup and Restoration	D6 Type Dozer	250	Diesel	1	140	8	off									LSPGC	Misc
199	L-21	Cleanup and Restoration	Pickup - 1/2 Ton	395	Gasoline	4	140	2	on	passenger	40	2	320	44800	8	1120	Worker	LSPGC	Misc
200	L-21	Cleanup and Restoration	Truck - Dump 10-12 Yd	415	Diesel	2	140	8	on	hhdt	40	2	160	22400	4	560	Truck	LSPGC	Misc

Equip Index	Activity Index	Activity Name	Equipment Name	HP	Fuel Type	Quantity	Days Used	Hours Per Day	On-Off	On Type	On Distance per Trip (miles)	Trips Per Day	Daily VMT	Total VMT	Total Trips per day	Total Trips	Vehicle Type	Utility	Component
201	L-01	Survey	Worker Commute	NA	Gasoline	4	26	NA	on	passenger	60	2	480	12480	8	208	Worker	LSPGC	Misc
202	L-02	Site Development/Staging Yards	Worker Commute	NA	Gasoline	12	76	NA	on	passenger	60	2	1440	109440	24	1824	Worker	LSPGC	Substation
203	L-03	Below-Grade Construction	Worker Commute	NA	Gasoline	40	152	NA	on	passenger	60	2	4800	729600	80	12160	Worker	LSPGC	Substation
204	L-04	Above-Grade Construction	Worker Commute	NA	Gasoline	30	333	NA	on	passenger	60	2	3600	1198800	60	19980	Worker	LSPGC	Substation
205	P-05	Foundation Installation	Worker Commute	NA	Gasoline	15	70	NA	on	passenger	60	2	1800	151200	30	2100	Worker	PG&E	Transmission
206	P-06	Structure Installation	Worker Commute	NA	Gasoline	15	40	NA	on	passenger	60	2	1800	86400	30	1200	Worker	PG&E	Transmission
207	P-07	Conductor Installation	Worker Commute	NA	Gasoline	30	40	NA	on	passenger	60	2	3600	169200	60	2400	Worker	PG&E	Transmission
208	L-08	Access Road Construction	Worker Commute	NA	Gasoline	12	16	NA	on	passenger	60	2	1440	23040	24	384	Worker	LSPGC	Transmission
209	L-09	Foundation Installation	Worker Commute	NA	Gasoline	12	22	NA	on	passenger	60	2	1440	31680	24	528	Worker	LSPGC	Transmission
210	L-10	Structure Installation	Worker Commute	NA	Gasoline	12	24	NA	on	passenger	60	2	1440	34560	24	576	Worker	LSPGC	Transmission
211	L-11	Conductor Installation	Worker Commute	NA	Gasoline	30	26	NA	on	passenger	60	2	3600	93600	60	1560	Worker	LSPGC	Transmission
212	L-14	Submarine Cable Installation	Worker Commute	NA	Gasoline	25	122	NA	on	passenger	60	2	3000	366000	50	6100	Worker	LSPGC	Transmission
213	L-15	Southern Transition Approach Construction	Worker Commute	NA	Gasoline	25	138	NA	on	passenger	60	2	3000	414000	50	6900	Worker	LSPGC	Transmission
214	L-16	Substation Getaways	Worker Commute	NA	Gasoline	20	70	NA	on	passenger	60	2	2400	168000	40	2800	Worker	LSPGC	Transmission
215	P-17	Distribution Extension to Substation	Worker Commute	NA	Gasoline	10	51	NA	on	passenger	60	2	1200	61200	20	1020	Worker	PG&E	Other
216	L-18	Fiber Extension to Substation	Worker Commute	NA	Gasoline	12	103	NA	on	passenger	60	2	1440	148320	24	2472	Worker	LSPGC	Other
217	P-19	Pittsburg Substation Upgrades	Worker Commute	NA	Gasoline	15	250	NA	on	passenger	60	2	1800	585000	30	7500	Worker	PG&E	Other
218	L-20	Commissioning and Testing	Worker Commute	NA	Gasoline	24	174	NA	on	passenger	60	2	2880	501120	48	8352	Worker	LSPGC	Misc
219	L-21	Cleanup and Restoration	Worker Commute	NA	Gasoline	12	140	NA	on	passenger	60	2	1440	201600	24	3360	Worker	LSPGC	Misc
220	P-22	Foundation Installation	Pressure Digger - Lo-Drill (Tracked)	275	Diesel	1	36	8	off									PG&E	Transmission
221	P-22	Foundation Installation	Truck - Concrete	425	Diesel	2	20	4	on	hhdt	60	2	240	4800	4	80	Truck	PG&E	Transmission
222	P-22	Foundation Installation	Pickup - 1 Ton	410	Diesel	2	48	2	on	passenger	60	2	240	11520	4	192	Worker	PG&E	Transmission
223	P-22	Foundation Installation	Truck - Water 4 K	300	Diesel	1	48	6	on	vendor	60	2	120	5760	2	96	Truck	PG&E	Transmission
224	P-22	Foundation Installation	Truck - Dump 10-12 Yd	415	Diesel	1	30	8	on	hhdt	40	2	80	2400	2	60	Truck	PG&E	Transmission
225	P-22	Foundation Installation	Skid steer loader	74	Diesel	1	30	4	off									PG&E	Transmission
226	P-23	Structure and Conductor Installation	Crane - 35 Ton (Manlift)	250	Diesel	1	36	8	off									PG&E	Transmission
227	P-23	Structure and Conductor Installation	Pickup - 1/2 ton	395	Gasoline	4	36	2	on	passenger	40	2	320	11520	8	288	Worker	PG&E	Transmission
228	P-23	Structure and Conductor Installation	Pickup - 1 ton	410	Diesel	4	36	2	on	passenger	60	2	480	17280	8	288	Worker	PG&E	Transmission
229	P-23	Structure and Conductor Installation	Crane - 200 Ton	275	Diesel	1	36	8	off									PG&E	Transmission
230	P-23	Structure and Conductor Installation	D8 Sag Dozer	200	Diesel	1	3	4	off									PG&E	Transmission
231	P-23	Structure and Conductor Installation	Truck - Water 4 K	300	Diesel	1	36	4	on	vendor	60	2	120	4320	2	72	Truck	PG&E	Transmission
232	P-23	Structure and Conductor Installation	Wire Puller	175	Diesel	1	36	4	off									PG&E	Transmission
233	P-23	Structure and Conductor Installation	Wire Trailer/ Tensioner	175	Diesel	1	36	4	off									PG&E	Transmission
234	P-28	Helicopter Use	Helicopter	700	Jet	1	8	3	helicopter									PG&E	Transmission
235	P-28	Helicopter Use	Jet Fuel Truck	300	Diesel	1	8	NA	on	vendor	40	2	80	640	2	16	Truck	PG&E	Transmission
236	P-22	Foundation Installation	Worker Commute	NA	Gasoline	15	48	NA	on	passenger	60	2	1800	86400	30	1440	Worker	PG&E	Transmission
237	P-23	Structure and Conductor Installation	Worker Commute	NA	Gasoline	30	36	NA	on	passenger	60	2	3600	129600	60	2160	Worker	PG&E	Transmission
238	P-28	Helicopter Use	Worker Commute	NA	Gasoline	4	36	0	on	passenger	60	2	480	17280	8	288	Worker	PG&E	Transmission
239	L-24	Northern Transition Approach Construction	Onshore Excavator	600	Diesel	1	138	8	off									LSPGC	Other
240	L-24	Northern Transition Approach Construction	Onshore End Loader	250	Diesel	1	138	8	off									LSPGC	Other
241	L-24	Northern Transition Approach Construction	Onshore Crane	180	Diesel	1	138	8	off									LSPGC	Other
242	L-24	Northern Transition Approach Construction	Air Compressor	50	Diesel	1	138	8	off									LSPGC	Other
243	L-24	Northern Transition Approach Construction	Truck - Dump 10-12 Yd	415	Diesel	1	138	6	on	hhdt	40	2	80	11040	2	276	Truck	LSPGC	Other
244	L-24	Northern Transition Approach Construction	Onshore Dewatering Equip	50	Diesel	2	138	8	off									LSPGC	Other
245	L-24	Northern Transition Approach Construction	Worker Commute	NA	Gasoline	20	138	NA	on	passenger	60	2	2400	331200	40	5520	Worker	LSPGC	Other
246	P-25	Tesla Substation Upgrades	Pickup - 1/2 Ton	395	Gasoline	4	144	2	on	passenger	40	2	320	46080	8	1152	Worker	PG&E	Other
247	P-25	Tesla Substation Upgrades	Pickup - 1 Ton	410	Diesel	4	144	2	on	passenger	60	2	480	69120	8	1152	Worker	PG&E	Other
248	P-25	Tesla Substation Upgrades	Crane - 35 Ton (Manlift)	250	Diesel	2	72	5	off									PG&E	Other
249	P-25	Tesla Substation Upgrades	Forklift -15,000 lb	130	Diesel	1	72	4	off									PG&E	Other
250	P-25	Tesla Substation Upgrades	Manlift - 40'	49	Diesel	3	72	5	off									PG&E	Other
251	P-25	Tesla Substation Upgrades	Excavator	108	Diesel	1	72	8	off									PG&E	Other
252	P-25	Tesla Substation Upgrades	Generator – 25 Kw	36	Diesel	1	144	8	off									PG&E	Other
253	P-25	Tesla Substation Upgrades	Truck - Concrete	425	Diesel	1	72	3	on	hhdt	60	2	120	8640	2	144	Truck	PG&E	Other
254	P-25	Tesla Substation Upgrades	Truck - Dump 10-12 Yd	415	Diesel	1	72	5	on	hhdt	40	2	80	5760	2	144	Truck	PG&E	Other
255	P-25	Tesla Substation Upgrades	Tool - Van/Conex 20'	0	NA	2	72	8	NA									PG&E	Other
256	P-25	Tesla Substation Upgrades	Skid steer loader	74	Diesel	1	72	8	off									PG&E	Other
257	P-26	Vaca Dixon Substation Upgrades	Pickup - 1/2 Ton	395	Gasoline	4	224	2	on	passenger	40	2	320	71680	8	1792	Worker	PG&E	Substation
258	P-26	Vaca Dixon Substation Upgrades	Pickup - 1 Ton	410	Diesel	4	224	2	on	passenger	60	2	480	107520	8	1792	Worker	PG&E	Substation
259	P-26	Vaca Dixon Substation Upgrades	Crane - 35 Ton (Manlift)	250	Diesel	2	132	5	off									PG&E	Substation
260	P-26	Vaca Dixon Substation Upgrades	Forklift -15,000 lb	130	Diesel	1	132	4	off									PG&E	Substation
261	P-26	Vaca Dixon Substation Upgrades	Manlift - 40'	49	Diesel	3	132	5	off									PG&E	Substation
262	P-26	Vaca Dixon Substation Upgrades	Excavator	108	Diesel	1	132	8	off									PG&E	Substation
263	P-26	Vaca Dixon Substation Upgrades	Generator – 25 Kw	36	Diesel	1	224	8	off									PG&E	Substation
264	P-26	Vaca Dixon Substation Upgrades	Truck - Concrete	425	Diesel	1	132	3	on	hhdt	60	2	120	15840	2	264	Truck	PG&E	Substation
265	P-26	Vaca Dixon Substation Upgrades	Truck - Dump 10-12 Yd	415	Diesel	1	132	5	on	hhdt	40	2	80	10560	2	264	Truck	PG&E	Substation
266	P-26	Vaca Dixon Substation Upgrades	Tool - Van/Conex 20'	0	NA	2	67	8	NA									PG&E	Substation
267	P-26	Vaca Dixon Substation Upgrades	Skid steer loader	74	Diesel	1	132	8	off									PG&E	Substation

Equip Index	Activity Index	Activity Name	Equipment Name	HP	Fuel Type	Quantity	Days Used	Hours Per Day	On-Off	On Type	On Distance per Trip (miles)	Trips Per Day	Daily VMT	Total VMT	Total Trips per day	Total Trips	Vehicle Type	Utility	Component
268	P-25	Tesla Substation Upgrades	Worker Commute	NA	Gasoline	15	144	NA	on	passenger	60	2	1800	259200	30	4320	Worker	PG&E	Other
269	P-26	Vaca Dixon Substation Upgrades	Worker Commute	NA	Gasoline	15	224	NA	on	passenger	60	2	1800	403200	30	6720	Worker	PG&E	Substation
270	P-27	PG&E IT Work	Pickup - 1/2 Ton	395	Gasoline	4	202	2	on	passenger	40	2	320	64640	8	1616	Worker	PG&E	Substation
271	P-27	PG&E IT Work	Pickup - 1 Ton	410	Diesel	2	202	2	on	passenger	60	2	240	48480	4	808	Worker	PG&E	Substation
272	P-27	PG&E IT Work	Crane - 35 Ton (Manlift)	250	Diesel	1	150	5	off									PG&E	Substation
273	P-27	PG&E IT Work	Forklift -15,000 lb	130	Diesel	2	150	4	off									PG&E	Substation
274	P-27	PG&E IT Work	120' Manlift	74	Diesel	1	150	7	off									PG&E	Substation
275	P-27	PG&E IT Work	Truck - Water 4 K	300	Diesel	1	150	5	on	vendor	60	2	120	18000	2	300	Truck	PG&E	Substation
276	P-27	PG&E IT Work	Excavator	108	Diesel	1	150	6	off									PG&E	Substation
277	P-27	PG&E IT Work	Excavator - Mini	70	Diesel	2	150	5	off									PG&E	Substation
278	P-27	PG&E IT Work	Generator – 25 Kw	36	Diesel	1	202	8	off									PG&E	Substation
279	P-27	PG&E IT Work	Truck - Concrete	425	Diesel	4	150	5	on	hhdt	60	2	480	72000	8	1200	Truck	PG&E	Substation
280	P-27	PG&E IT Work	Loader - 4-5 Yd	230	Diesel	1	150	6	off									PG&E	Substation
281	P-27	PG&E IT Work	Pressure Digger - Lo-Drill (Tracked)	275	Diesel	1	150	8	off									PG&E	Substation
282	P-27	PG&E IT Work	Excavator	275	Diesel	1	150	8	off									PG&E	Substation
283	P-27	PG&E IT Work	Truck - Dump 10-12 Yd	415	Diesel	2	150	5	on	hhdt	40	2	160	24000	4	600	Truck	PG&E	Substation

* NOTE: All trips are one-way

Table 80: Round Trip Summary - All

Vehicle Type	Component	Max	Average	Total
Worker	Substation	107	41	27,834
Trucks	Substation	28	7	5,020
Worker	Transmission	154	24	16,378
Trucks	Transmission	30	3	2,353
Worker	Other	79	20	13,581
Trucks	Other	18	4	2,543
Worker	Misc	52	12	8,524
Trucks	Misc	5	1	734
Worker	All	292	97	66,317
Trucks	All	57	16	10,650

Table 81: Round Trip Summary - LSPGC

Vehicle Type	Component	Max	Average	Total
Worker	Substation	86	31	21,470
Trucks	Substation	28	5	3,706
Worker	Transmission	116	15	10,440
Trucks	Transmission	18	2	1,610
Worker	Other	35	6	4,305
Trucks	Other	6	1	653
Worker	Misc	52	12	8,524
Trucks	Misc	5	1	734
Worker	All	189	65	44,739
Trucks	All	28	10	6,703

Table 82: Round Trip Summary - PG&E

Vehicle Type	Component	Max	Average	Total
Worker	Substation	44	13	6,364
Trucks	Substation	9	3	1,314
Worker	Transmission	42	12	5,938
Trucks	Transmission	12	1	743
Worker	Other	44	19	9,276
Trucks	Other	12	4	1,890
Worker	Misc	0	0	-
Trucks	Misc	0	0	-
Worker	All	109	43	21,578
Trucks	All	31	8	3,947

Table 83: VMT Summary - All

Vehicle Type	Max	Average	Total
Worker	33,400	11,301	7,729,640
Trucks	5,800	1,498	1,024,640
All	38,560	12,799	8,754,280

Table 84: VMT Summary - LSPGC

Vehicle Type	Max	Average	Total
Worker	21,600	7,359	5,033,600
Trucks	2,480	871	595,440
All	23,560	8,230	5,629,040

Table 85: Round Trip Summary - PG&E

Vehicle Type	Max	Average	Total
Worker	12,440	5,425	2,696,040
Trucks	3,320	864	429,200
All	15,000	6,288	3,125,240

Table 86: Daily Workforce and Traffic

Max	Type	5/1/2026	5/2/2026	5/3/2026	5/4/2026	5/5/2026	5/6/2026	5/7/2026	5/8/2026	5/9/2026	5/10/2026	5/11/2026	5/12/2026	5/13/2026	5/14/2026
237	Workforce	16	16	16	16	16	16	16	16	16	16	16	16	16	16
107	Round Trips-Substation-Worker	20	20	20	20	20	20	20	20	20	20	20	20	20	20
28	Round Trips-Substation-Trucks	16	16	16	16	16	16	16	16	16	16	16	16	16	16
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	6	6	6	6	6	6	6	6	6	6	6	6	6	6
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	26	26	26	26	26	26	26	26	26	26	26	26	26	26
57	Round Trips-All-Trucks	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33,400	VMT-All-Worker	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720
5,800	VMT-All-Trucks	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280
38,560	VMT-All-All	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	5/1/2026	5/2/2026	5/3/2026	5/4/2026	5/5/2026	5/6/2026	5/7/2026	5/8/2026	5/9/2026	5/10/2026	5/11/2026	5/12/2026	5/13/2026	5/14/2026
162	Workforce	16	16	16	16	16	16	16	16	16	16	16	16	16	16
86	Round Trips-Substation-Worker	20	20	20	20	20	20	20	20	20	20	20	20	20	20
28	Round Trips-Substation-Trucks	16	16	16	16	16	16	16	16	16	16	16	16	16	16
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	6	6	6	6	6	6	6	6	6	6	6	6	6	6
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	26	26	26	26	26	26	26	26	26	26	26	26	26	26
28	Round Trips-All-Trucks	16	16	16	16	16	16	16	16	16	16	16	16	16	16
21,600	VMT-All-Worker	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720
2,480	VMT-All-Trucks	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280
23,560	VMT-All-All	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	5/1/2026	5/2/2026	5/3/2026	5/4/2026	5/5/2026	5/6/2026	5/7/2026	5/8/2026	5/9/2026	5/10/2026	5/11/2026	5/12/2026	5/13/2026	5/14/2026
79	Workforce	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Round Trips-All-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12,440	VMT-All-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,320	VMT-All-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15,000	VMT-All-All	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 86: Daily Workforce and Traffic

Max	Type	5/15/2026	5/16/2026	5/17/2026	5/18/2026	5/19/2026	5/20/2026	5/21/2026	5/22/2026	5/23/2026	5/24/2026	5/25/2026	5/26/2026	5/27/2026	5/28/2026
237	Workforce	16	16	16	16	16	16	16	16	16	16	16	16	16	16
107	Round Trips-Substation-Worker	20	20	20	20	20	20	20	20	20	20	20	20	20	20
28	Round Trips-Substation-Trucks	16	16	16	16	16	16	16	16	16	16	16	16	16	16
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	6	6	6	6	6	6	6	6	6	6	6	6	6	6
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	26	26	26	26	26	26	26	26	26	26	26	26	26	26
57	Round Trips-All-Trucks	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33,400	VMT-All-Worker	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720
5,800	VMT-All-Trucks	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280
38,560	VMT-All-All	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	5/15/2026	5/16/2026	5/17/2026	5/18/2026	5/19/2026	5/20/2026	5/21/2026	5/22/2026	5/23/2026	5/24/2026	5/25/2026	5/26/2026	5/27/2026	5/28/2026
162	Workforce	16	16	16	16	16	16	16	16	16	16	16	16	16	16
86	Round Trips-Substation-Worker	20	20	20	20	20	20	20	20	20	20	20	20	20	20
28	Round Trips-Substation-Trucks	16	16	16	16	16	16	16	16	16	16	16	16	16	16
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	6	6	6	6	6	6	6	6	6	6	6	6	6	6
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	26	26	26	26	26	26	26	26	26	26	26	26	26	26
28	Round Trips-All-Trucks	16	16	16	16	16	16	16	16	16	16	16	16	16	16
21,600	VMT-All-Worker	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720
2,480	VMT-All-Trucks	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280
23,560	VMT-All-All	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	5/15/2026	5/16/2026	5/17/2026	5/18/2026	5/19/2026	5/20/2026	5/21/2026	5/22/2026	5/23/2026	5/24/2026	5/25/2026	5/26/2026	5/27/2026	5/28/2026
79	Workforce	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Round Trips-All-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12,440	VMT-All-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,320	VMT-All-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15,000	VMT-All-All	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 86: Daily Workforce and Traffic

Max	Type	5/29/2026	5/30/2026	5/31/2026	6/1/2026	6/2/2026	6/3/2026	6/4/2026	6/5/2026	6/6/2026	6/7/2026	6/8/2026	6/9/2026	6/10/2026	6/11/2026
237	Workforce	16	16	16	26	22	22	22	22	22	22	22	22	22	22
107	Round Trips-Substation-Worker	20	20	20	20	20	20	20	20	20	20	20	20	20	20
28	Round Trips-Substation-Trucks	16	16	16	16	16	16	16	16	16	16	16	16	16	16
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	-	-	-	14	14	14	14	14	14	14	14	14	14	14
18	Round Trips-Other-Trucks	-	-	-	6	6	6	6	6	6	6	6	6	6	6
52	Round Trips-Misc-Worker	6	6	6	6	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	26	26	26	40	34	34	34	34	34	34	34	34	34	34
57	Round Trips-All-Trucks	16	16	16	22	22	22	22	22	22	22	22	22	22	22
33,400	VMT-All-Worker	2,720	2,720	2,720	4,320	3,680	3,680	3,680	3,680	3,680	3,680	3,680	3,680	3,680	3,680
5,800	VMT-All-Trucks	1,280	1,280	1,280	1,920	1,920	1,920	1,920	1,920	1,920	1,920	1,920	1,920	1,920	1,920
38,560	VMT-All-All	4,000	4,000	4,000	6,240	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	5/29/2026	5/30/2026	5/31/2026	6/1/2026	6/2/2026	6/3/2026	6/4/2026	6/5/2026	6/6/2026	6/7/2026	6/8/2026	6/9/2026	6/10/2026	6/11/2026
162	Workforce	16	16	16	16	12	12	12	12	12	12	12	12	12	12
86	Round Trips-Substation-Worker	20	20	20	20	20	20	20	20	20	20	20	20	20	20
28	Round Trips-Substation-Trucks	16	16	16	16	16	16	16	16	16	16	16	16	16	16
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	6	6	6	6	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	26	26	26	26	20	20	20	20	20	20	20	20	20	20
28	Round Trips-All-Trucks	16	16	16	16	16	16	16	16	16	16	16	16	16	16
21,600	VMT-All-Worker	2,720	2,720	2,720	2,720	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080
2,480	VMT-All-Trucks	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280
23,560	VMT-All-All	4,000	4,000	4,000	4,000	3,360	3,360	3,360	3,360	3,360	3,360	3,360	3,360	3,360	3,360

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	5/29/2026	5/30/2026	5/31/2026	6/1/2026	6/2/2026	6/3/2026	6/4/2026	6/5/2026	6/6/2026	6/7/2026	6/8/2026	6/9/2026	6/10/2026	6/11/2026
79	Workforce	-	-	-	10	10	10	10	10	10	10	10	10	10	10
44	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	-	-	-	14	14	14	14	14	14	14	14	14	14	14
12	Round Trips-Other-Trucks	-	-	-	6	6	6	6	6	6	6	6	6	6	6
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	-	-	-	14	14	14	14	14	14	14	14	14	14	14
31	Round Trips-All-Trucks	-	-	-	6	6	6	6	6	6	6	6	6	6	6
12,440	VMT-All-Worker	-	-	-	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
3,320	VMT-All-Trucks	-	-	-	640	640	640	640	640	640	640	640	640	640	640
15,000	VMT-All-All	-	-	-	2,240	2,240	2,240	2,240	2,240	2,240	2,240	2,240	2,240	2,240	2,240

Table 86: Daily Workforce and Traffic

Max	Type	6/12/2026	6/13/2026	6/14/2026	6/15/2026	6/16/2026	6/17/2026	6/18/2026	6/19/2026	6/20/2026	6/21/2026	6/22/2026	6/23/2026	6/24/2026	6/25/2026
237	Workforce	22	22	22	22	22	22	22	22	22	22	22	22	22	22
107	Round Trips-Substation-Worker	20	20	20	20	20	20	20	20	20	20	20	20	20	20
28	Round Trips-Substation-Trucks	16	16	16	16	16	16	16	16	16	16	16	16	16	16
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	14	14	14	14	14	14	14	14	14	14	14	14	14	14
18	Round Trips-Other-Trucks	6	6	6	6	6	6	6	6	6	6	6	6	6	6
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	34	34	34	34	34	34	34	34	34	34	34	34	34	34
57	Round Trips-All-Trucks	22	22	22	22	22	22	22	22	22	22	22	22	22	22
33,400	VMT-All-Worker	3,680	3,680	3,680	3,680	3,680	3,680	3,680	3,680	3,680	3,680	3,680	3,680	3,680	3,680
5,800	VMT-All-Trucks	1,920	1,920	1,920	1,920	1,920	1,920	1,920	1,920	1,920	1,920	1,920	1,920	1,920	1,920
38,560	VMT-All-All	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	6/12/2026	6/13/2026	6/14/2026	6/15/2026	6/16/2026	6/17/2026	6/18/2026	6/19/2026	6/20/2026	6/21/2026	6/22/2026	6/23/2026	6/24/2026	6/25/2026
162	Workforce	12	12	12	12	12	12	12	12	12	12	12	12	12	12
86	Round Trips-Substation-Worker	20	20	20	20	20	20	20	20	20	20	20	20	20	20
28	Round Trips-Substation-Trucks	16	16	16	16	16	16	16	16	16	16	16	16	16	16
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	20	20	20	20	20	20	20	20	20	20	20	20	20	20
28	Round Trips-All-Trucks	16	16	16	16	16	16	16	16	16	16	16	16	16	16
21,600	VMT-All-Worker	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080
2,480	VMT-All-Trucks	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280
23,560	VMT-All-All	3,360	3,360	3,360	3,360	3,360	3,360	3,360	3,360	3,360	3,360	3,360	3,360	3,360	3,360

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	6/12/2026	6/13/2026	6/14/2026	6/15/2026	6/16/2026	6/17/2026	6/18/2026	6/19/2026	6/20/2026	6/21/2026	6/22/2026	6/23/2026	6/24/2026	6/25/2026
79	Workforce	10	10	10	10	10	10	10	10	10	10	10	10	10	10
44	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	14	14	14	14	14	14	14	14	14	14	14	14	14	14
12	Round Trips-Other-Trucks	6	6	6	6	6	6	6	6	6	6	6	6	6	6
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	14	14	14	14	14	14	14	14	14	14	14	14	14	14
31	Round Trips-All-Trucks	6	6	6	6	6	6	6	6	6	6	6	6	6	6
12,440	VMT-All-Worker	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
3,320	VMT-All-Trucks	640	640	640	640	640	640	640	640	640	640	640	640	640	640
15,000	VMT-All-All	2,240	2,240	2,240	2,240	2,240	2,240	2,240	2,240	2,240	2,240	2,240	2,240	2,240	2,240

Table 86: Daily Workforce and Traffic

Max	Type	6/26/2026	6/27/2026	6/28/2026	6/29/2026	6/30/2026	7/1/2026	7/2/2026	7/3/2026	7/4/2026	7/5/2026	7/6/2026	7/7/2026	7/8/2026	7/9/2026
237	Workforce	22	22	22	22	22	22	22	22	22	22	22	22	22	22
107	Round Trips-Substation-Worker	20	20	20	20	20	20	20	20	20	20	20	20	20	20
28	Round Trips-Substation-Trucks	16	16	16	16	16	16	16	16	16	16	16	16	16	16
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	14	14	14	14	14	14	14	14	14	14	14	14	14	14
18	Round Trips-Other-Trucks	6	6	6	6	6	6	6	6	6	6	6	6	6	6
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	34	34	34	34	34	34	34	34	34	34	34	34	34	34
57	Round Trips-All-Trucks	22	22	22	22	22	22	22	22	22	22	22	22	22	22
33,400	VMT-All-Worker	3,680	3,680	3,680	3,680	3,680	3,680	3,680	3,680	3,680	3,680	3,680	3,680	3,680	3,680
5,800	VMT-All-Trucks	1,920	1,920	1,920	1,920	1,920	1,920	1,920	1,920	1,920	1,920	1,920	1,920	1,920	1,920
38,560	VMT-All-All	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	6/26/2026	6/27/2026	6/28/2026	6/29/2026	6/30/2026	7/1/2026	7/2/2026	7/3/2026	7/4/2026	7/5/2026	7/6/2026	7/7/2026	7/8/2026	7/9/2026
162	Workforce	12	12	12	12	12	12	12	12	12	12	12	12	12	12
86	Round Trips-Substation-Worker	20	20	20	20	20	20	20	20	20	20	20	20	20	20
28	Round Trips-Substation-Trucks	16	16	16	16	16	16	16	16	16	16	16	16	16	16
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	20	20	20	20	20	20	20	20	20	20	20	20	20	20
28	Round Trips-All-Trucks	16	16	16	16	16	16	16	16	16	16	16	16	16	16
21,600	VMT-All-Worker	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080
2,480	VMT-All-Trucks	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280
23,560	VMT-All-All	3,360	3,360	3,360	3,360	3,360	3,360	3,360	3,360	3,360	3,360	3,360	3,360	3,360	3,360

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	6/26/2026	6/27/2026	6/28/2026	6/29/2026	6/30/2026	7/1/2026	7/2/2026	7/3/2026	7/4/2026	7/5/2026	7/6/2026	7/7/2026	7/8/2026	7/9/2026
79	Workforce	10	10	10	10	10	10	10	10	10	10	10	10	10	10
44	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	14	14	14	14	14	14	14	14	14	14	14	14	14	14
12	Round Trips-Other-Trucks	6	6	6	6	6	6	6	6	6	6	6	6	6	6
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	14	14	14	14	14	14	14	14	14	14	14	14	14	14
31	Round Trips-All-Trucks	6	6	6	6	6	6	6	6	6	6	6	6	6	6
12,440	VMT-All-Worker	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
3,320	VMT-All-Trucks	640	640	640	640	640	640	640	640	640	640	640	640	640	640
15,000	VMT-All-All	2,240	2,240	2,240	2,240	2,240	2,240	2,240	2,240	2,240	2,240	2,240	2,240	2,240	2,240

Table 86: Daily Workforce and Traffic

Max	Type	7/10/2026	7/11/2026	7/12/2026	7/13/2026	7/14/2026	7/15/2026	7/16/2026	7/17/2026	7/18/2026	7/19/2026	7/20/2026	7/21/2026	7/22/2026	7/23/2026
237	Workforce	22	22	22	22	62	62	62	62	62	62	62	62	62	62
107	Round Trips-Substation-Worker	20	20	20	20	68	68	68	68	68	68	68	68	68	68
28	Round Trips-Substation-Trucks	16	16	16	16	28	28	28	28	28	28	28	28	28	28
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	14	14	14	14	14	14	14	14	14	14	14	14	14	14
18	Round Trips-Other-Trucks	6	6	6	6	6	6	6	6	6	6	6	6	6	6
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	34	34	34	34	82	82	82	82	82	82	82	82	82	82
57	Round Trips-All-Trucks	22	22	22	22	34	34	34	34	34	34	34	34	34	34
33,400	VMT-All-Worker	3,680	3,680	3,680	3,680	9,120	9,120	9,120	9,120	9,120	9,120	9,120	9,120	9,120	9,120
5,800	VMT-All-Trucks	1,920	1,920	1,920	1,920	3,040	3,040	3,040	3,040	3,040	3,040	3,040	3,040	3,040	3,040
38,560	VMT-All-All	5,600	5,600	5,600	5,600	12,160	12,160	12,160	12,160	12,160	12,160	12,160	12,160	12,160	12,160

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	7/10/2026	7/11/2026	7/12/2026	7/13/2026	7/14/2026	7/15/2026	7/16/2026	7/17/2026	7/18/2026	7/19/2026	7/20/2026	7/21/2026	7/22/2026	7/23/2026
162	Workforce	12	12	12	12	52	52	52	52	52	52	52	52	52	52
86	Round Trips-Substation-Worker	20	20	20	20	68	68	68	68	68	68	68	68	68	68
28	Round Trips-Substation-Trucks	16	16	16	16	28	28	28	28	28	28	28	28	28	28
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	20	20	20	20	68	68	68	68	68	68	68	68	68	68
28	Round Trips-All-Trucks	16	16	16	16	28	28	28	28	28	28	28	28	28	28
21,600	VMT-All-Worker	2,080	2,080	2,080	2,080	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520
2,480	VMT-All-Trucks	1,280	1,280	1,280	1,280	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400
23,560	VMT-All-All	3,360	3,360	3,360	3,360	9,920	9,920	9,920	9,920	9,920	9,920	9,920	9,920	9,920	9,920

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	7/10/2026	7/11/2026	7/12/2026	7/13/2026	7/14/2026	7/15/2026	7/16/2026	7/17/2026	7/18/2026	7/19/2026	7/20/2026	7/21/2026	7/22/2026	7/23/2026
79	Workforce	10	10	10	10	10	10	10	10	10	10	10	10	10	10
44	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	14	14	14	14	14	14	14	14	14	14	14	14	14	14
12	Round Trips-Other-Trucks	6	6	6	6	6	6	6	6	6	6	6	6	6	6
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	14	14	14	14	14	14	14	14	14	14	14	14	14	14
31	Round Trips-All-Trucks	6	6	6	6	6	6	6	6	6	6	6	6	6	6
12,440	VMT-All-Worker	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
3,320	VMT-All-Trucks	640	640	640	640	640	640	640	640	640	640	640	640	640	640
15,000	VMT-All-All	2,240	2,240	2,240	2,240	2,240	2,240	2,240	2,240	2,240	2,240	2,240	2,240	2,240	2,240

Table 86: Daily Workforce and Traffic

Max	Type	7/24/2026	7/25/2026	7/26/2026	7/27/2026	7/28/2026	7/29/2026	7/30/2026	7/31/2026	8/1/2026	8/2/2026	8/3/2026	8/4/2026	8/5/2026	8/6/2026
237	Workforce	62	62	62	62	62	62	62	62	62	40	40	40	40	40
107	Round Trips-Substation-Worker	68	68	68	68	68	68	68	68	68	48	48	48	48	48
28	Round Trips-Substation-Trucks	28	28	28	28	28	28	28	28	28	12	12	12	12	12
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	14	14	14	14	14	14	14	14	14	-	-	-	-	-
18	Round Trips-Other-Trucks	6	6	6	6	6	6	6	6	6	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	82	82	82	82	82	82	82	82	82	48	48	48	48	48
57	Round Trips-All-Trucks	34	34	34	34	34	34	34	34	34	12	12	12	12	12
33,400	VMT-All-Worker	9,120	9,120	9,120	9,120	9,120	9,120	9,120	9,120	9,120	5,440	5,440	5,440	5,440	5,440
5,800	VMT-All-Trucks	3,040	3,040	3,040	3,040	3,040	3,040	3,040	3,040	3,040	1,120	1,120	1,120	1,120	1,120
38,560	VMT-All-All	12,160	12,160	12,160	12,160	12,160	12,160	12,160	12,160	12,160	6,560	6,560	6,560	6,560	6,560

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	7/24/2026	7/25/2026	7/26/2026	7/27/2026	7/28/2026	7/29/2026	7/30/2026	7/31/2026	8/1/2026	8/2/2026	8/3/2026	8/4/2026	8/5/2026	8/6/2026
162	Workforce	52	52	52	52	52	52	52	52	52	40	40	40	40	40
86	Round Trips-Substation-Worker	68	68	68	68	68	68	68	68	68	48	48	48	48	48
28	Round Trips-Substation-Trucks	28	28	28	28	28	28	28	28	28	12	12	12	12	12
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	68	68	68	68	68	68	68	68	68	48	48	48	48	48
28	Round Trips-All-Trucks	28	28	28	28	28	28	28	28	28	12	12	12	12	12
21,600	VMT-All-Worker	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	5,440	5,440	5,440	5,440	5,440
2,480	VMT-All-Trucks	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	1,120	1,120	1,120	1,120	1,120
23,560	VMT-All-All	9,920	9,920	9,920	9,920	9,920	9,920	9,920	9,920	9,920	6,560	6,560	6,560	6,560	6,560

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	7/24/2026	7/25/2026	7/26/2026	7/27/2026	7/28/2026	7/29/2026	7/30/2026	7/31/2026	8/1/2026	8/2/2026	8/3/2026	8/4/2026	8/5/2026	8/6/2026
79	Workforce	10	10	10	10	10	10	10	10	10	-	-	-	-	-
44	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	14	14	14	14	14	14	14	14	14	-	-	-	-	-
12	Round Trips-Other-Trucks	6	6	6	6	6	6	6	6	6	-	-	-	-	-
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	14	14	14	14	14	14	14	14	14	-	-	-	-	-
31	Round Trips-All-Trucks	6	6	6	6	6	6	6	6	6	-	-	-	-	-
12,440	VMT-All-Worker	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	-	-	-	-	-
3,320	VMT-All-Trucks	640	640	640	640	640	640	640	640	640	-	-	-	-	-
15,000	VMT-All-All	2,240	2,240	2,240	2,240	2,240	2,240	2,240	2,240	2,240	-	-	-	-	-

Table 86: Daily Workforce and Traffic

Max	Type	8/7/2026	8/8/2026	8/9/2026	8/10/2026	8/11/2026	8/12/2026	8/13/2026	8/14/2026	8/15/2026	8/16/2026	8/17/2026	8/18/2026	8/19/2026	8/20/2026
237	Workforce	40	40	40	40	40	40	40	40	40	40	40	40	40	40
107	Round Trips-Substation-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
28	Round Trips-Substation-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
57	Round Trips-All-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
33,400	VMT-All-Worker	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440
5,800	VMT-All-Trucks	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
38,560	VMT-All-All	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	8/7/2026	8/8/2026	8/9/2026	8/10/2026	8/11/2026	8/12/2026	8/13/2026	8/14/2026	8/15/2026	8/16/2026	8/17/2026	8/18/2026	8/19/2026	8/20/2026
162	Workforce	40	40	40	40	40	40	40	40	40	40	40	40	40	40
86	Round Trips-Substation-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
28	Round Trips-Substation-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
28	Round Trips-All-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
21,600	VMT-All-Worker	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440
2,480	VMT-All-Trucks	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
23,560	VMT-All-All	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	8/7/2026	8/8/2026	8/9/2026	8/10/2026	8/11/2026	8/12/2026	8/13/2026	8/14/2026	8/15/2026	8/16/2026	8/17/2026	8/18/2026	8/19/2026	8/20/2026
79	Workforce	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Round Trips-All-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12,440	VMT-All-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,320	VMT-All-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15,000	VMT-All-All	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 86: Daily Workforce and Traffic

Max	Type	8/21/2026	8/22/2026	8/23/2026	8/24/2026	8/25/2026	8/26/2026	8/27/2026	8/28/2026	8/29/2026	8/30/2026	8/31/2026	9/1/2026	9/2/2026	9/3/2026
237	Workforce	40	40	40	40	40	40	40	40	40	40	40	40	40	40
107	Round Trips-Substation-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
28	Round Trips-Substation-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
57	Round Trips-All-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
33,400	VMT-All-Worker	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440
5,800	VMT-All-Trucks	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
38,560	VMT-All-All	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	8/21/2026	8/22/2026	8/23/2026	8/24/2026	8/25/2026	8/26/2026	8/27/2026	8/28/2026	8/29/2026	8/30/2026	8/31/2026	9/1/2026	9/2/2026	9/3/2026
162	Workforce	40	40	40	40	40	40	40	40	40	40	40	40	40	40
86	Round Trips-Substation-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
28	Round Trips-Substation-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
28	Round Trips-All-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
21,600	VMT-All-Worker	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440
2,480	VMT-All-Trucks	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
23,560	VMT-All-All	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	8/21/2026	8/22/2026	8/23/2026	8/24/2026	8/25/2026	8/26/2026	8/27/2026	8/28/2026	8/29/2026	8/30/2026	8/31/2026	9/1/2026	9/2/2026	9/3/2026
79	Workforce	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Round Trips-All-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12,440	VMT-All-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,320	VMT-All-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15,000	VMT-All-All	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 86: Daily Workforce and Traffic

Max	Type	9/4/2026	9/5/2026	9/6/2026	9/7/2026	9/8/2026	9/9/2026	9/10/2026	9/11/2026	9/12/2026	9/13/2026	9/14/2026	9/15/2026	9/16/2026	9/17/2026
237	Workforce	40	40	40	40	40	40	40	40	40	40	40	40	40	40
107	Round Trips-Substation-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
28	Round Trips-Substation-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
57	Round Trips-All-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
33,400	VMT-All-Worker	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440
5,800	VMT-All-Trucks	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
38,560	VMT-All-All	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	9/4/2026	9/5/2026	9/6/2026	9/7/2026	9/8/2026	9/9/2026	9/10/2026	9/11/2026	9/12/2026	9/13/2026	9/14/2026	9/15/2026	9/16/2026	9/17/2026
162	Workforce	40	40	40	40	40	40	40	40	40	40	40	40	40	40
86	Round Trips-Substation-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
28	Round Trips-Substation-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
28	Round Trips-All-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
21,600	VMT-All-Worker	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440
2,480	VMT-All-Trucks	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
23,560	VMT-All-All	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	9/4/2026	9/5/2026	9/6/2026	9/7/2026	9/8/2026	9/9/2026	9/10/2026	9/11/2026	9/12/2026	9/13/2026	9/14/2026	9/15/2026	9/16/2026	9/17/2026
79	Workforce	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Round Trips-All-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12,440	VMT-All-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,320	VMT-All-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15,000	VMT-All-All	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 86: Daily Workforce and Traffic

Max	Type	9/18/2026	9/19/2026	9/20/2026	9/21/2026	9/22/2026	9/23/2026	9/24/2026	9/25/2026	9/26/2026	9/27/2026	9/28/2026	9/29/2026	9/30/2026	10/1/2026
237	Workforce	40	40	40	40	40	40	40	40	40	40	40	40	40	40
107	Round Trips-Substation-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
28	Round Trips-Substation-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
57	Round Trips-All-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
33,400	VMT-All-Worker	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440
5,800	VMT-All-Trucks	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
38,560	VMT-All-All	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	9/18/2026	9/19/2026	9/20/2026	9/21/2026	9/22/2026	9/23/2026	9/24/2026	9/25/2026	9/26/2026	9/27/2026	9/28/2026	9/29/2026	9/30/2026	10/1/2026
162	Workforce	40	40	40	40	40	40	40	40	40	40	40	40	40	40
86	Round Trips-Substation-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
28	Round Trips-Substation-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
28	Round Trips-All-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
21,600	VMT-All-Worker	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440
2,480	VMT-All-Trucks	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
23,560	VMT-All-All	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	9/18/2026	9/19/2026	9/20/2026	9/21/2026	9/22/2026	9/23/2026	9/24/2026	9/25/2026	9/26/2026	9/27/2026	9/28/2026	9/29/2026	9/30/2026	10/1/2026
79	Workforce	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Round Trips-All-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12,440	VMT-All-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,320	VMT-All-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15,000	VMT-All-All	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 86: Daily Workforce and Traffic

Max	Type	10/2/2026	10/3/2026	10/4/2026	10/5/2026	10/6/2026	10/7/2026	10/8/2026	10/9/2026	10/10/2026	10/11/2026	10/12/2026	10/13/2026	10/14/2026	10/15/2026
237	Workforce	40	40	40	40	40	40	40	40	40	40	40	40	40	40
107	Round Trips-Substation-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
28	Round Trips-Substation-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
57	Round Trips-All-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
33,400	VMT-All-Worker	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440
5,800	VMT-All-Trucks	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
38,560	VMT-All-All	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	10/2/2026	10/3/2026	10/4/2026	10/5/2026	10/6/2026	10/7/2026	10/8/2026	10/9/2026	10/10/2026	10/11/2026	10/12/2026	10/13/2026	10/14/2026	10/15/2026
162	Workforce	40	40	40	40	40	40	40	40	40	40	40	40	40	40
86	Round Trips-Substation-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
28	Round Trips-Substation-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
28	Round Trips-All-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
21,600	VMT-All-Worker	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440
2,480	VMT-All-Trucks	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
23,560	VMT-All-All	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	10/2/2026	10/3/2026	10/4/2026	10/5/2026	10/6/2026	10/7/2026	10/8/2026	10/9/2026	10/10/2026	10/11/2026	10/12/2026	10/13/2026	10/14/2026	10/15/2026
79	Workforce	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Round Trips-All-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12,440	VMT-All-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,320	VMT-All-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15,000	VMT-All-All	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 86: Daily Workforce and Traffic

Max	Type	10/16/2026	10/17/2026	10/18/2026	10/19/2026	10/20/2026	10/21/2026	10/22/2026	10/23/2026	10/24/2026	10/25/2026	10/26/2026	10/27/2026	10/28/2026	10/29/2026
237	Workforce	40	40	40	40	40	40	40	40	40	40	40	40	40	40
107	Round Trips-Substation-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
28	Round Trips-Substation-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
57	Round Trips-All-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
33,400	VMT-All-Worker	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440
5,800	VMT-All-Trucks	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
38,560	VMT-All-All	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	10/16/2026	10/17/2026	10/18/2026	10/19/2026	10/20/2026	10/21/2026	10/22/2026	10/23/2026	10/24/2026	10/25/2026	10/26/2026	10/27/2026	10/28/2026	10/29/2026
162	Workforce	40	40	40	40	40	40	40	40	40	40	40	40	40	40
86	Round Trips-Substation-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
28	Round Trips-Substation-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
28	Round Trips-All-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
21,600	VMT-All-Worker	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440
2,480	VMT-All-Trucks	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
23,560	VMT-All-All	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	10/16/2026	10/17/2026	10/18/2026	10/19/2026	10/20/2026	10/21/2026	10/22/2026	10/23/2026	10/24/2026	10/25/2026	10/26/2026	10/27/2026	10/28/2026	10/29/2026
79	Workforce	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Round Trips-All-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12,440	VMT-All-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,320	VMT-All-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15,000	VMT-All-All	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 86: Daily Workforce and Traffic

Max	Type	10/30/2026	10/31/2026	11/1/2026	11/2/2026	11/3/2026	11/4/2026	11/5/2026	11/6/2026	11/7/2026	11/8/2026	11/9/2026	11/10/2026	11/11/2026	11/12/2026
237	Workforce	40	40	40	40	40	40	40	40	40	40	40	40	40	40
107	Round Trips-Substation-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
28	Round Trips-Substation-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
57	Round Trips-All-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
33,400	VMT-All-Worker	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440
5,800	VMT-All-Trucks	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
38,560	VMT-All-All	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	10/30/2026	10/31/2026	11/1/2026	11/2/2026	11/3/2026	11/4/2026	11/5/2026	11/6/2026	11/7/2026	11/8/2026	11/9/2026	11/10/2026	11/11/2026	11/12/2026
162	Workforce	40	40	40	40	40	40	40	40	40	40	40	40	40	40
86	Round Trips-Substation-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
28	Round Trips-Substation-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
28	Round Trips-All-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
21,600	VMT-All-Worker	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440
2,480	VMT-All-Trucks	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
23,560	VMT-All-All	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	10/30/2026	10/31/2026	11/1/2026	11/2/2026	11/3/2026	11/4/2026	11/5/2026	11/6/2026	11/7/2026	11/8/2026	11/9/2026	11/10/2026	11/11/2026	11/12/2026
79	Workforce	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Round Trips-All-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12,440	VMT-All-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,320	VMT-All-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15,000	VMT-All-All	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 86: Daily Workforce and Traffic

Max	Type	11/13/2026	11/14/2026	11/15/2026	11/16/2026	11/17/2026	11/18/2026	11/19/2026	11/20/2026	11/21/2026	11/22/2026	11/23/2026	11/24/2026	11/25/2026	11/26/2026
237	Workforce	40	40	40	40	40	40	40	40	40	40	40	40	40	40
107	Round Trips-Substation-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
28	Round Trips-Substation-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
57	Round Trips-All-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
33,400	VMT-All-Worker	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440
5,800	VMT-All-Trucks	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
38,560	VMT-All-All	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	11/13/2026	11/14/2026	11/15/2026	11/16/2026	11/17/2026	11/18/2026	11/19/2026	11/20/2026	11/21/2026	11/22/2026	11/23/2026	11/24/2026	11/25/2026	11/26/2026
162	Workforce	40	40	40	40	40	40	40	40	40	40	40	40	40	40
86	Round Trips-Substation-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
28	Round Trips-Substation-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
28	Round Trips-All-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
21,600	VMT-All-Worker	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440
2,480	VMT-All-Trucks	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
23,560	VMT-All-All	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	11/13/2026	11/14/2026	11/15/2026	11/16/2026	11/17/2026	11/18/2026	11/19/2026	11/20/2026	11/21/2026	11/22/2026	11/23/2026	11/24/2026	11/25/2026	11/26/2026
79	Workforce	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Round Trips-All-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12,440	VMT-All-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,320	VMT-All-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15,000	VMT-All-All	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 86: Daily Workforce and Traffic

Max	Type	11/27/2026	11/28/2026	11/29/2026	11/30/2026	12/1/2026	12/2/2026	12/3/2026	12/4/2026	12/5/2026	12/6/2026	12/7/2026	12/8/2026	12/9/2026	12/10/2026
237	Workforce	40	40	40	40	40	40	40	40	40	40	40	40	40	40
107	Round Trips-Substation-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
28	Round Trips-Substation-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
57	Round Trips-All-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
33,400	VMT-All-Worker	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440
5,800	VMT-All-Trucks	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
38,560	VMT-All-All	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	11/27/2026	11/28/2026	11/29/2026	11/30/2026	12/1/2026	12/2/2026	12/3/2026	12/4/2026	12/5/2026	12/6/2026	12/7/2026	12/8/2026	12/9/2026	12/10/2026
162	Workforce	40	40	40	40	40	40	40	40	40	40	40	40	40	40
86	Round Trips-Substation-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
28	Round Trips-Substation-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
28	Round Trips-All-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
21,600	VMT-All-Worker	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440
2,480	VMT-All-Trucks	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
23,560	VMT-All-All	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	11/27/2026	11/28/2026	11/29/2026	11/30/2026	12/1/2026	12/2/2026	12/3/2026	12/4/2026	12/5/2026	12/6/2026	12/7/2026	12/8/2026	12/9/2026	12/10/2026
79	Workforce	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Round Trips-All-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12,440	VMT-All-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,320	VMT-All-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15,000	VMT-All-All	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 86: Daily Workforce and Traffic

Max	Type	12/11/2026	12/12/2026	12/13/2026	12/14/2026	12/15/2026	12/16/2026	12/17/2026	12/18/2026	12/19/2026	12/20/2026	12/21/2026	12/22/2026	12/23/2026	12/24/2026
237	Workforce	40	40	40	40	40	40	40	40	40	40	40	40	40	40
107	Round Trips-Substation-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
28	Round Trips-Substation-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
57	Round Trips-All-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
33,400	VMT-All-Worker	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440
5,800	VMT-All-Trucks	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
38,560	VMT-All-All	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	12/11/2026	12/12/2026	12/13/2026	12/14/2026	12/15/2026	12/16/2026	12/17/2026	12/18/2026	12/19/2026	12/20/2026	12/21/2026	12/22/2026	12/23/2026	12/24/2026
162	Workforce	40	40	40	40	40	40	40	40	40	40	40	40	40	40
86	Round Trips-Substation-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
28	Round Trips-Substation-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	48	48	48	48	48	48	48	48	48	48	48	48	48	48
28	Round Trips-All-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
21,600	VMT-All-Worker	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440
2,480	VMT-All-Trucks	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
23,560	VMT-All-All	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	12/11/2026	12/12/2026	12/13/2026	12/14/2026	12/15/2026	12/16/2026	12/17/2026	12/18/2026	12/19/2026	12/20/2026	12/21/2026	12/22/2026	12/23/2026	12/24/2026
79	Workforce	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Round Trips-All-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12,440	VMT-All-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,320	VMT-All-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15,000	VMT-All-All	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 86: Daily Workforce and Traffic

Max	Type	12/25/2026	12/26/2026	12/27/2026	12/28/2026	12/29/2026	12/30/2026	12/31/2026	1/1/2027	1/2/2027	1/3/2027	1/4/2027	1/5/2027	1/6/2027	1/7/2027
237	Workforce	40	40	40	40	40	40	40	55	85	85	85	85	85	85
107	Round Trips-Substation-Worker	48	48	48	48	48	48	48	69	107	107	107	107	107	107
28	Round Trips-Substation-Trucks	12	12	12	12	12	12	12	19	21	21	21	21	21	21
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	48	48	48	48	48	48	48	69	107	107	107	107	107	107
57	Round Trips-All-Trucks	12	12	12	12	12	12	12	19	21	21	21	21	21	21
33,400	VMT-All-Worker	5,440	5,440	5,440	5,440	5,440	5,440	5,440	7,800	12,040	12,040	12,040	12,040	12,040	12,040
5,800	VMT-All-Trucks	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,880	2,040	2,040	2,040	2,040	2,040	2,040
38,560	VMT-All-All	6,560	6,560	6,560	6,560	6,560	6,560	6,560	9,680	14,080	14,080	14,080	14,080	14,080	14,080

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	12/25/2026	12/26/2026	12/27/2026	12/28/2026	12/29/2026	12/30/2026	12/31/2026	1/1/2027	1/2/2027	1/3/2027	1/4/2027	1/5/2027	1/6/2027	1/7/2027
162	Workforce	40	40	40	40	40	40	40	40	70	70	70	70	70	70
86	Round Trips-Substation-Worker	48	48	48	48	48	48	48	48	86	86	86	86	86	86
28	Round Trips-Substation-Trucks	12	12	12	12	12	12	12	12	14	14	14	14	14	14
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	48	48	48	48	48	48	48	48	86	86	86	86	86	86
28	Round Trips-All-Trucks	12	12	12	12	12	12	12	12	14	14	14	14	14	14
21,600	VMT-All-Worker	5,440	5,440	5,440	5,440	5,440	5,440	5,440	5,440	9,680	9,680	9,680	9,680	9,680	9,680
2,480	VMT-All-Trucks	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,280	1,280	1,280	1,280	1,280	1,280
23,560	VMT-All-All	6,560	6,560	6,560	6,560	6,560	6,560	6,560	6,560	10,960	10,960	10,960	10,960	10,960	10,960

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	12/25/2026	12/26/2026	12/27/2026	12/28/2026	12/29/2026	12/30/2026	12/31/2026	1/1/2027	1/2/2027	1/3/2027	1/4/2027	1/5/2027	1/6/2027	1/7/2027
79	Workforce	-	-	-	-	-	-	-	15	15	15	15	15	15	15
44	Round Trips-Substation-Worker	-	-	-	-	-	-	-	21	21	21	21	21	21	21
9	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	7	7	7	7	7	7	7
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	-	-	-	-	-	-	-	21	21	21	21	21	21	21
31	Round Trips-All-Trucks	-	-	-	-	-	-	-	7	7	7	7	7	7	7
12,440	VMT-All-Worker	-	-	-	-	-	-	-	2,360	2,360	2,360	2,360	2,360	2,360	2,360
3,320	VMT-All-Trucks	-	-	-	-	-	-	-	760	760	760	760	760	760	760
15,000	VMT-All-All	-	-	-	-	-	-	-	3,120	3,120	3,120	3,120	3,120	3,120	3,120

Table 86: Daily Workforce and Traffic

Max	Type	1/8/2027	1/9/2027	1/10/2027	1/11/2027	1/12/2027	1/13/2027	1/14/2027	1/15/2027	1/16/2027	1/17/2027	1/18/2027	1/19/2027	1/20/2027	1/21/2027
237	Workforce	85	85	85	85	85	85	85	45	45	45	45	45	45	45
107	Round Trips-Substation-Worker	107	107	107	107	107	107	107	59	59	59	59	59	59	59
28	Round Trips-Substation-Trucks	21	21	21	21	21	21	21	9	9	9	9	9	9	9
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	107	107	107	107	107	107	107	59	59	59	59	59	59	59
57	Round Trips-All-Trucks	21	21	21	21	21	21	21	9	9	9	9	9	9	9
33,400	VMT-All-Worker	12,040	12,040	12,040	12,040	12,040	12,040	12,040	6,600	6,600	6,600	6,600	6,600	6,600	6,600
5,800	VMT-All-Trucks	2,040	2,040	2,040	2,040	2,040	2,040	2,040	920	920	920	920	920	920	920
38,560	VMT-All-All	14,080	14,080	14,080	14,080	14,080	14,080	14,080	7,520	7,520	7,520	7,520	7,520	7,520	7,520

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	1/8/2027	1/9/2027	1/10/2027	1/11/2027	1/12/2027	1/13/2027	1/14/2027	1/15/2027	1/16/2027	1/17/2027	1/18/2027	1/19/2027	1/20/2027	1/21/2027
162	Workforce	70	70	70	70	70	70	70	30	30	30	30	30	30	30
86	Round Trips-Substation-Worker	86	86	86	86	86	86	86	38	38	38	38	38	38	38
28	Round Trips-Substation-Trucks	14	14	14	14	14	14	14	2	2	2	2	2	2	2
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	86	86	86	86	86	86	86	38	38	38	38	38	38	38
28	Round Trips-All-Trucks	14	14	14	14	14	14	14	2	2	2	2	2	2	2
21,600	VMT-All-Worker	9,680	9,680	9,680	9,680	9,680	9,680	9,680	4,240	4,240	4,240	4,240	4,240	4,240	4,240
2,480	VMT-All-Trucks	1,280	1,280	1,280	1,280	1,280	1,280	1,280	160	160	160	160	160	160	160
23,560	VMT-All-All	10,960	10,960	10,960	10,960	10,960	10,960	10,960	4,400	4,400	4,400	4,400	4,400	4,400	4,400

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	1/8/2027	1/9/2027	1/10/2027	1/11/2027	1/12/2027	1/13/2027	1/14/2027	1/15/2027	1/16/2027	1/17/2027	1/18/2027	1/19/2027	1/20/2027	1/21/2027
79	Workforce	15	15	15	15	15	15	15	15	15	15	15	15	15	15
44	Round Trips-Substation-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
9	Round Trips-Substation-Trucks	7	7	7	7	7	7	7	7	7	7	7	7	7	7
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
31	Round Trips-All-Trucks	7	7	7	7	7	7	7	7	7	7	7	7	7	7
12,440	VMT-All-Worker	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360
3,320	VMT-All-Trucks	760	760	760	760	760	760	760	760	760	760	760	760	760	760
15,000	VMT-All-All	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120

Table 86: Daily Workforce and Traffic

Max	Type	1/22/2027	1/23/2027	1/24/2027	1/25/2027	1/26/2027	1/27/2027	1/28/2027	1/29/2027	1/30/2027	1/31/2027	2/1/2027	2/2/2027	2/3/2027	2/4/2027
237	Workforce	45	45	45	45	45	45	45	45	45	45	45	45	45	45
107	Round Trips-Substation-Worker	59	59	59	59	59	59	59	59	59	59	59	59	59	59
28	Round Trips-Substation-Trucks	9	9	9	9	9	9	9	9	9	9	9	9	9	9
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	59	59	59	59	59	59	59	59	59	59	59	59	59	59
57	Round Trips-All-Trucks	9	9	9	9	9	9	9	9	9	9	9	9	9	9
33,400	VMT-All-Worker	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600
5,800	VMT-All-Trucks	920	920	920	920	920	920	920	920	920	920	920	920	920	920
38,560	VMT-All-All	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	1/22/2027	1/23/2027	1/24/2027	1/25/2027	1/26/2027	1/27/2027	1/28/2027	1/29/2027	1/30/2027	1/31/2027	2/1/2027	2/2/2027	2/3/2027	2/4/2027
162	Workforce	30	30	30	30	30	30	30	30	30	30	30	30	30	30
86	Round Trips-Substation-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-All-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21,600	VMT-All-Worker	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240
2,480	VMT-All-Trucks	160	160	160	160	160	160	160	160	160	160	160	160	160	160
23,560	VMT-All-All	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	1/22/2027	1/23/2027	1/24/2027	1/25/2027	1/26/2027	1/27/2027	1/28/2027	1/29/2027	1/30/2027	1/31/2027	2/1/2027	2/2/2027	2/3/2027	2/4/2027
79	Workforce	15	15	15	15	15	15	15	15	15	15	15	15	15	15
44	Round Trips-Substation-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
9	Round Trips-Substation-Trucks	7	7	7	7	7	7	7	7	7	7	7	7	7	7
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
31	Round Trips-All-Trucks	7	7	7	7	7	7	7	7	7	7	7	7	7	7
12,440	VMT-All-Worker	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360
3,320	VMT-All-Trucks	760	760	760	760	760	760	760	760	760	760	760	760	760	760
15,000	VMT-All-All	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120

Table 86: Daily Workforce and Traffic

Max	Type	2/5/2027	2/6/2027	2/7/2027	2/8/2027	2/9/2027	2/10/2027	2/11/2027	2/12/2027	2/13/2027	2/14/2027	2/15/2027	2/16/2027	2/17/2027	2/18/2027
237	Workforce	45	45	45	45	45	45	45	45	45	45	45	45	45	45
107	Round Trips-Substation-Worker	59	59	59	59	59	59	59	59	59	59	59	59	59	59
28	Round Trips-Substation-Trucks	9	9	9	9	9	9	9	9	9	9	9	9	9	9
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	59	59	59	59	59	59	59	59	59	59	59	59	59	59
57	Round Trips-All-Trucks	9	9	9	9	9	9	9	9	9	9	9	9	9	9
33,400	VMT-All-Worker	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600
5,800	VMT-All-Trucks	920	920	920	920	920	920	920	920	920	920	920	920	920	920
38,560	VMT-All-All	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	2/5/2027	2/6/2027	2/7/2027	2/8/2027	2/9/2027	2/10/2027	2/11/2027	2/12/2027	2/13/2027	2/14/2027	2/15/2027	2/16/2027	2/17/2027	2/18/2027
162	Workforce	30	30	30	30	30	30	30	30	30	30	30	30	30	30
86	Round Trips-Substation-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-All-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21,600	VMT-All-Worker	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240
2,480	VMT-All-Trucks	160	160	160	160	160	160	160	160	160	160	160	160	160	160
23,560	VMT-All-All	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	2/5/2027	2/6/2027	2/7/2027	2/8/2027	2/9/2027	2/10/2027	2/11/2027	2/12/2027	2/13/2027	2/14/2027	2/15/2027	2/16/2027	2/17/2027	2/18/2027
79	Workforce	15	15	15	15	15	15	15	15	15	15	15	15	15	15
44	Round Trips-Substation-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
9	Round Trips-Substation-Trucks	7	7	7	7	7	7	7	7	7	7	7	7	7	7
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
31	Round Trips-All-Trucks	7	7	7	7	7	7	7	7	7	7	7	7	7	7
12,440	VMT-All-Worker	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360
3,320	VMT-All-Trucks	760	760	760	760	760	760	760	760	760	760	760	760	760	760
15,000	VMT-All-All	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120

Table 86: Daily Workforce and Traffic

Max	Type	2/19/2027	2/20/2027	2/21/2027	2/22/2027	2/23/2027	2/24/2027	2/25/2027	2/26/2027	2/27/2027	2/28/2027	3/1/2027	3/2/2027	3/3/2027	3/4/2027
237	Workforce	45	45	45	45	45	45	45	45	45	45	45	45	45	45
107	Round Trips-Substation-Worker	59	59	59	59	59	59	59	59	59	59	59	59	59	59
28	Round Trips-Substation-Trucks	9	9	9	9	9	9	9	9	9	9	9	9	9	9
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	59	59	59	59	59	59	59	59	59	59	59	59	59	59
57	Round Trips-All-Trucks	9	9	9	9	9	9	9	9	9	9	9	9	9	9
33,400	VMT-All-Worker	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600
5,800	VMT-All-Trucks	920	920	920	920	920	920	920	920	920	920	920	920	920	920
38,560	VMT-All-All	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	2/19/2027	2/20/2027	2/21/2027	2/22/2027	2/23/2027	2/24/2027	2/25/2027	2/26/2027	2/27/2027	2/28/2027	3/1/2027	3/2/2027	3/3/2027	3/4/2027
162	Workforce	30	30	30	30	30	30	30	30	30	30	30	30	30	30
86	Round Trips-Substation-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-All-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21,600	VMT-All-Worker	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240
2,480	VMT-All-Trucks	160	160	160	160	160	160	160	160	160	160	160	160	160	160
23,560	VMT-All-All	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	2/19/2027	2/20/2027	2/21/2027	2/22/2027	2/23/2027	2/24/2027	2/25/2027	2/26/2027	2/27/2027	2/28/2027	3/1/2027	3/2/2027	3/3/2027	3/4/2027
79	Workforce	15	15	15	15	15	15	15	15	15	15	15	15	15	15
44	Round Trips-Substation-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
9	Round Trips-Substation-Trucks	7	7	7	7	7	7	7	7	7	7	7	7	7	7
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
31	Round Trips-All-Trucks	7	7	7	7	7	7	7	7	7	7	7	7	7	7
12,440	VMT-All-Worker	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360
3,320	VMT-All-Trucks	760	760	760	760	760	760	760	760	760	760	760	760	760	760
15,000	VMT-All-All	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120

Table 86: Daily Workforce and Traffic

Max	Type	3/5/2027	3/6/2027	3/7/2027	3/8/2027	3/9/2027	3/10/2027	3/11/2027	3/12/2027	3/13/2027	3/14/2027	3/15/2027	3/16/2027	3/17/2027	3/18/2027
237	Workforce	45	45	45	45	45	45	45	45	45	45	45	45	45	45
107	Round Trips-Substation-Worker	59	59	59	59	59	59	59	59	59	59	59	59	59	59
28	Round Trips-Substation-Trucks	9	9	9	9	9	9	9	9	9	9	9	9	9	9
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	59	59	59	59	59	59	59	59	59	59	59	59	59	59
57	Round Trips-All-Trucks	9	9	9	9	9	9	9	9	9	9	9	9	9	9
33,400	VMT-All-Worker	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600
5,800	VMT-All-Trucks	920	920	920	920	920	920	920	920	920	920	920	920	920	920
38,560	VMT-All-All	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	3/5/2027	3/6/2027	3/7/2027	3/8/2027	3/9/2027	3/10/2027	3/11/2027	3/12/2027	3/13/2027	3/14/2027	3/15/2027	3/16/2027	3/17/2027	3/18/2027
162	Workforce	30	30	30	30	30	30	30	30	30	30	30	30	30	30
86	Round Trips-Substation-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-All-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21,600	VMT-All-Worker	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240
2,480	VMT-All-Trucks	160	160	160	160	160	160	160	160	160	160	160	160	160	160
23,560	VMT-All-All	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	3/5/2027	3/6/2027	3/7/2027	3/8/2027	3/9/2027	3/10/2027	3/11/2027	3/12/2027	3/13/2027	3/14/2027	3/15/2027	3/16/2027	3/17/2027	3/18/2027
79	Workforce	15	15	15	15	15	15	15	15	15	15	15	15	15	15
44	Round Trips-Substation-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
9	Round Trips-Substation-Trucks	7	7	7	7	7	7	7	7	7	7	7	7	7	7
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
31	Round Trips-All-Trucks	7	7	7	7	7	7	7	7	7	7	7	7	7	7
12,440	VMT-All-Worker	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360
3,320	VMT-All-Trucks	760	760	760	760	760	760	760	760	760	760	760	760	760	760
15,000	VMT-All-All	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120

Table 86: Daily Workforce and Traffic

Max	Type	3/19/2027	3/20/2027	3/21/2027	3/22/2027	3/23/2027	3/24/2027	3/25/2027	3/26/2027	3/27/2027	3/28/2027	3/29/2027	3/30/2027	3/31/2027	4/1/2027
237	Workforce	45	45	45	45	45	45	45	45	45	45	45	45	45	45
107	Round Trips-Substation-Worker	59	59	59	59	59	59	59	59	59	59	59	59	59	59
28	Round Trips-Substation-Trucks	9	9	9	9	9	9	9	9	9	9	9	9	9	9
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	59	59	59	59	59	59	59	59	59	59	59	59	59	59
57	Round Trips-All-Trucks	9	9	9	9	9	9	9	9	9	9	9	9	9	9
33,400	VMT-All-Worker	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600
5,800	VMT-All-Trucks	920	920	920	920	920	920	920	920	920	920	920	920	920	920
38,560	VMT-All-All	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	3/19/2027	3/20/2027	3/21/2027	3/22/2027	3/23/2027	3/24/2027	3/25/2027	3/26/2027	3/27/2027	3/28/2027	3/29/2027	3/30/2027	3/31/2027	4/1/2027
162	Workforce	30	30	30	30	30	30	30	30	30	30	30	30	30	30
86	Round Trips-Substation-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-All-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21,600	VMT-All-Worker	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240
2,480	VMT-All-Trucks	160	160	160	160	160	160	160	160	160	160	160	160	160	160
23,560	VMT-All-All	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	3/19/2027	3/20/2027	3/21/2027	3/22/2027	3/23/2027	3/24/2027	3/25/2027	3/26/2027	3/27/2027	3/28/2027	3/29/2027	3/30/2027	3/31/2027	4/1/2027
79	Workforce	15	15	15	15	15	15	15	15	15	15	15	15	15	15
44	Round Trips-Substation-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
9	Round Trips-Substation-Trucks	7	7	7	7	7	7	7	7	7	7	7	7	7	7
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
31	Round Trips-All-Trucks	7	7	7	7	7	7	7	7	7	7	7	7	7	7
12,440	VMT-All-Worker	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360
3,320	VMT-All-Trucks	760	760	760	760	760	760	760	760	760	760	760	760	760	760
15,000	VMT-All-All	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120

Table 86: Daily Workforce and Traffic

Max	Type	4/2/2027	4/3/2027	4/4/2027	4/5/2027	4/6/2027	4/7/2027	4/8/2027	4/9/2027	4/10/2027	4/11/2027	4/12/2027	4/13/2027	4/14/2027	4/15/2027
237	Workforce	45	45	45	45	45	45	45	45	45	45	45	45	45	45
107	Round Trips-Substation-Worker	59	59	59	59	59	59	59	59	59	59	59	59	59	59
28	Round Trips-Substation-Trucks	9	9	9	9	9	9	9	9	9	9	9	9	9	9
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	59	59	59	59	59	59	59	59	59	59	59	59	59	59
57	Round Trips-All-Trucks	9	9	9	9	9	9	9	9	9	9	9	9	9	9
33,400	VMT-All-Worker	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600
5,800	VMT-All-Trucks	920	920	920	920	920	920	920	920	920	920	920	920	920	920
38,560	VMT-All-All	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	4/2/2027	4/3/2027	4/4/2027	4/5/2027	4/6/2027	4/7/2027	4/8/2027	4/9/2027	4/10/2027	4/11/2027	4/12/2027	4/13/2027	4/14/2027	4/15/2027
162	Workforce	30	30	30	30	30	30	30	30	30	30	30	30	30	30
86	Round Trips-Substation-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-All-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21,600	VMT-All-Worker	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240
2,480	VMT-All-Trucks	160	160	160	160	160	160	160	160	160	160	160	160	160	160
23,560	VMT-All-All	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	4/2/2027	4/3/2027	4/4/2027	4/5/2027	4/6/2027	4/7/2027	4/8/2027	4/9/2027	4/10/2027	4/11/2027	4/12/2027	4/13/2027	4/14/2027	4/15/2027
79	Workforce	15	15	15	15	15	15	15	15	15	15	15	15	15	15
44	Round Trips-Substation-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
9	Round Trips-Substation-Trucks	7	7	7	7	7	7	7	7	7	7	7	7	7	7
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
31	Round Trips-All-Trucks	7	7	7	7	7	7	7	7	7	7	7	7	7	7
12,440	VMT-All-Worker	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360
3,320	VMT-All-Trucks	760	760	760	760	760	760	760	760	760	760	760	760	760	760
15,000	VMT-All-All	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120

Table 86: Daily Workforce and Traffic

Max	Type	4/16/2027	4/17/2027	4/18/2027	4/19/2027	4/20/2027	4/21/2027	4/22/2027	4/23/2027	4/24/2027	4/25/2027	4/26/2027	4/27/2027	4/28/2027	4/29/2027
237	Workforce	45	45	45	45	45	45	45	45	45	45	45	45	45	45
107	Round Trips-Substation-Worker	59	59	59	59	59	59	59	59	59	59	59	59	59	59
28	Round Trips-Substation-Trucks	9	9	9	9	9	9	9	9	9	9	9	9	9	9
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	59	59	59	59	59	59	59	59	59	59	59	59	59	59
57	Round Trips-All-Trucks	9	9	9	9	9	9	9	9	9	9	9	9	9	9
33,400	VMT-All-Worker	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600	6,600
5,800	VMT-All-Trucks	920	920	920	920	920	920	920	920	920	920	920	920	920	920
38,560	VMT-All-All	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520	7,520

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	4/16/2027	4/17/2027	4/18/2027	4/19/2027	4/20/2027	4/21/2027	4/22/2027	4/23/2027	4/24/2027	4/25/2027	4/26/2027	4/27/2027	4/28/2027	4/29/2027
162	Workforce	30	30	30	30	30	30	30	30	30	30	30	30	30	30
86	Round Trips-Substation-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-All-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21,600	VMT-All-Worker	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240	4,240
2,480	VMT-All-Trucks	160	160	160	160	160	160	160	160	160	160	160	160	160	160
23,560	VMT-All-All	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,400

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	4/16/2027	4/17/2027	4/18/2027	4/19/2027	4/20/2027	4/21/2027	4/22/2027	4/23/2027	4/24/2027	4/25/2027	4/26/2027	4/27/2027	4/28/2027	4/29/2027
79	Workforce	15	15	15	15	15	15	15	15	15	15	15	15	15	15
44	Round Trips-Substation-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
9	Round Trips-Substation-Trucks	7	7	7	7	7	7	7	7	7	7	7	7	7	7
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
31	Round Trips-All-Trucks	7	7	7	7	7	7	7	7	7	7	7	7	7	7
12,440	VMT-All-Worker	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360
3,320	VMT-All-Trucks	760	760	760	760	760	760	760	760	760	760	760	760	760	760
15,000	VMT-All-All	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120	3,120

Table 86: Daily Workforce and Traffic

Max	Type	4/30/2027	5/1/2027	5/2/2027	5/3/2027	5/4/2027	5/5/2027	5/6/2027	5/7/2027	5/8/2027	5/9/2027	5/10/2027	5/11/2027	5/12/2027	5/13/2027
237	Workforce	45	87	87	87	87	87	87	87	87	87	87	87	87	87
107	Round Trips-Substation-Worker	59	82	82	82	82	82	82	82	82	82	82	82	82	82
28	Round Trips-Substation-Trucks	9	11	11	11	11	11	11	11	11	11	11	11	11	11
154	Round Trips-Transmission-Worker	-	16	16	16	16	16	16	16	16	16	16	16	16	16
30	Round Trips-Transmission-Trucks	-	4	4	4	4	4	4	4	4	4	4	4	4	4
79	Round Trips-Other-Worker	-	21	21	21	21	21	21	21	21	21	21	21	21	21
18	Round Trips-Other-Trucks	-	10	10	10	10	10	10	10	10	10	10	10	10	10
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	59	119	119	119	119	119	119	119	119	119	119	119	119	119
57	Round Trips-All-Trucks	9	25	25	25	25	25	25	25	25	25	25	25	25	25
33,400	VMT-All-Worker	6,600	13,320	13,320	13,320	13,320	13,320	13,320	13,320	13,320	13,320	13,320	13,320	13,320	13,320
5,800	VMT-All-Trucks	920	2,480	2,480	2,480	2,480	2,480	2,480	2,480	2,480	2,480	2,480	2,480	2,480	2,480
38,560	VMT-All-All	7,520	15,800	15,800	15,800	15,800	15,800	15,800	15,800	15,800	15,800	15,800	15,800	15,800	15,800

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	4/30/2027	5/1/2027	5/2/2027	5/3/2027	5/4/2027	5/5/2027	5/6/2027	5/7/2027	5/8/2027	5/9/2027	5/10/2027	5/11/2027	5/12/2027	5/13/2027
162	Workforce	30	42	42	42	42	42	42	42	42	42	42	42	42	42
86	Round Trips-Substation-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
116	Round Trips-Transmission-Worker	-	16	16	16	16	16	16	16	16	16	16	16	16	16
18	Round Trips-Transmission-Trucks	-	4	4	4	4	4	4	4	4	4	4	4	4	4
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	38	54	54	54	54	54	54	54	54	54	54	54	54	54
28	Round Trips-All-Trucks	2	6	6	6	6	6	6	6	6	6	6	6	6	6
21,600	VMT-All-Worker	4,240	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
2,480	VMT-All-Trucks	160	480	480	480	480	480	480	480	480	480	480	480	480	480
23,560	VMT-All-All	4,400	6,480	6,480	6,480	6,480	6,480	6,480	6,480	6,480	6,480	6,480	6,480	6,480	6,480

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	4/30/2027	5/1/2027	5/2/2027	5/3/2027	5/4/2027	5/5/2027	5/6/2027	5/7/2027	5/8/2027	5/9/2027	5/10/2027	5/11/2027	5/12/2027	5/13/2027
79	Workforce	15	45	45	45	45	45	45	45	45	45	45	45	45	45
44	Round Trips-Substation-Worker	21	44	44	44	44	44	44	44	44	44	44	44	44	44
9	Round Trips-Substation-Trucks	7	9	9	9	9	9	9	9	9	9	9	9	9	9
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	-	21	21	21	21	21	21	21	21	21	21	21	21	21
12	Round Trips-Other-Trucks	-	10	10	10	10	10	10	10	10	10	10	10	10	10
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	21	65	65	65	65	65	65	65	65	65	65	65	65	65
31	Round Trips-All-Trucks	7	19	19	19	19	19	19	19	19	19	19	19	19	19
12,440	VMT-All-Worker	2,360	7,320	7,320	7,320	7,320	7,320	7,320	7,320	7,320	7,320	7,320	7,320	7,320	7,320
3,320	VMT-All-Trucks	760	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
15,000	VMT-All-All	3,120	9,320	9,320	9,320	9,320	9,320	9,320	9,320	9,320	9,320	9,320	9,320	9,320	9,320

Table 86: Daily Workforce and Traffic

Max	Type	5/14/2027	5/15/2027	5/16/2027	5/17/2027	5/18/2027	5/19/2027	5/20/2027	5/21/2027	5/22/2027	5/23/2027	5/24/2027	5/25/2027	5/26/2027	5/27/2027
237	Workforce	87	87	87	102	102	102	102	102	102	102	102	102	102	102
107	Round Trips-Substation-Worker	82	82	82	82	82	82	82	82	82	82	82	82	82	82
28	Round Trips-Substation-Trucks	11	11	11	11	11	11	11	11	11	11	11	11	11	11
154	Round Trips-Transmission-Worker	16	16	16	35	35	35	35	35	35	35	35	35	35	35
30	Round Trips-Transmission-Trucks	4	4	4	12	12	12	16	16	16	16	16	16	16	16
79	Round Trips-Other-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
18	Round Trips-Other-Trucks	10	10	10	10	10	10	10	10	10	10	10	10	10	10
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	119	119	119	138	138	138	138	138	138	138	138	138	138	138
57	Round Trips-All-Trucks	25	25	25	33	33	33	37	37	37	37	37	37	37	37
33,400	VMT-All-Worker	13,320	13,320	13,320	15,600	15,600	15,600	15,600	15,600	15,600	15,600	15,600	15,600	15,600	15,600
5,800	VMT-All-Trucks	2,480	2,480	2,480	3,360	3,360	3,360	3,840	3,840	3,840	3,840	3,840	3,840	3,840	3,840
38,560	VMT-All-All	15,800	15,800	15,800	18,960	18,960	18,960	19,440	19,440	19,440	19,440	19,440	19,440	19,440	19,440

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	5/14/2027	5/15/2027	5/16/2027	5/17/2027	5/18/2027	5/19/2027	5/20/2027	5/21/2027	5/22/2027	5/23/2027	5/24/2027	5/25/2027	5/26/2027	5/27/2027
162	Workforce	42	42	42	42	42	42	42	42	42	42	42	42	42	42
86	Round Trips-Substation-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
116	Round Trips-Transmission-Worker	16	16	16	16	16	16	16	16	16	16	16	16	16	16
18	Round Trips-Transmission-Trucks	4	4	4	4	4	4	8	8	8	8	8	8	8	8
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	54	54	54	54	54	54	54	54	54	54	54	54	54	54
28	Round Trips-All-Trucks	6	6	6	6	6	6	10	10	10	10	10	10	10	10
21,600	VMT-All-Worker	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
2,480	VMT-All-Trucks	480	480	480	480	480	480	960	960	960	960	960	960	960	960
23,560	VMT-All-All	6,480	6,480	6,480	6,480	6,480	6,480	6,960	6,960	6,960	6,960	6,960	6,960	6,960	6,960

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	5/14/2027	5/15/2027	5/16/2027	5/17/2027	5/18/2027	5/19/2027	5/20/2027	5/21/2027	5/22/2027	5/23/2027	5/24/2027	5/25/2027	5/26/2027	5/27/2027
79	Workforce	45	45	45	60	60	60	60	60	60	60	60	60	60	60
44	Round Trips-Substation-Worker	44	44	44	44	44	44	44	44	44	44	44	44	44	44
9	Round Trips-Substation-Trucks	9	9	9	9	9	9	9	9	9	9	9	9	9	9
42	Round Trips-Transmission-Worker	-	-	-	19	19	19	19	19	19	19	19	19	19	19
12	Round Trips-Transmission-Trucks	-	-	-	8	8	8	8	8	8	8	8	8	8	8
44	Round Trips-Other-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
12	Round Trips-Other-Trucks	10	10	10	10	10	10	10	10	10	10	10	10	10	10
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	65	65	65	84	84	84	84	84	84	84	84	84	84	84
31	Round Trips-All-Trucks	19	19	19	27	27	27	27	27	27	27	27	27	27	27
12,440	VMT-All-Worker	7,320	7,320	7,320	9,600	9,600	9,600	9,600	9,600	9,600	9,600	9,600	9,600	9,600	9,600
3,320	VMT-All-Trucks	2,000	2,000	2,000	2,880	2,880	2,880	2,880	2,880	2,880	2,880	2,880	2,880	2,880	2,880
15,000	VMT-All-All	9,320	9,320	9,320	12,480	12,480	12,480	12,480	12,480	12,480	12,480	12,480	12,480	12,480	12,480

Table 86: Daily Workforce and Traffic

Max	Type	5/28/2027	5/29/2027	5/30/2027	5/31/2027	6/1/2027	6/2/2027	6/3/2027	6/4/2027	6/5/2027	6/6/2027	6/7/2027	6/8/2027	6/9/2027	6/10/2027
237	Workforce	102	102	102	102	149	149	149	149	149	149	149	149	149	149
107	Round Trips-Substation-Worker	82	82	82	82	82	82	82	82	82	82	82	82	82	82
28	Round Trips-Substation-Trucks	11	11	11	11	11	11	11	11	11	11	11	11	11	11
154	Round Trips-Transmission-Worker	35	35	35	35	80	80	80	80	80	80	80	80	80	80
30	Round Trips-Transmission-Trucks	16	16	16	16	22	22	22	22	22	22	22	22	22	22
79	Round Trips-Other-Worker	21	21	21	21	36	36	36	36	36	36	36	36	36	36
18	Round Trips-Other-Trucks	10	10	10	10	15	15	15	15	15	15	15	15	15	15
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	138	138	138	138	198	198	198	198	198	198	198	198	198	198
57	Round Trips-All-Trucks	37	37	37	37	48	48	48	48	48	48	48	48	48	48
33,400	VMT-All-Worker	15,600	15,600	15,600	15,600	22,360	22,360	22,360	22,360	22,360	22,360	22,360	22,360	22,360	22,360
5,800	VMT-All-Trucks	3,840	3,840	3,840	3,840	4,920	4,920	4,920	4,920	4,920	4,920	4,920	4,920	4,920	4,920
38,560	VMT-All-All	19,440	19,440	19,440	19,440	27,280	27,280	27,280	27,280	27,280	27,280	27,280	27,280	27,280	27,280

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	5/28/2027	5/29/2027	5/30/2027	5/31/2027	6/1/2027	6/2/2027	6/3/2027	6/4/2027	6/5/2027	6/6/2027	6/7/2027	6/8/2027	6/9/2027	6/10/2027
162	Workforce	42	42	42	42	74	74	74	74	74	74	74	74	74	74
86	Round Trips-Substation-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
116	Round Trips-Transmission-Worker	16	16	16	16	44	44	44	44	44	44	44	44	44	44
18	Round Trips-Transmission-Trucks	8	8	8	8	10	10	10	10	10	10	10	10	10	10
35	Round Trips-Other-Worker	-	-	-	-	15	15	15	15	15	15	15	15	15	15
6	Round Trips-Other-Trucks	-	-	-	-	5	5	5	5	5	5	5	5	5	5
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	54	54	54	54	97	97	97	97	97	97	97	97	97	97
28	Round Trips-All-Trucks	10	10	10	10	17	17	17	17	17	17	17	17	17	17
21,600	VMT-All-Worker	6,000	6,000	6,000	6,000	10,720	10,720	10,720	10,720	10,720	10,720	10,720	10,720	10,720	10,720
2,480	VMT-All-Trucks	960	960	960	960	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
23,560	VMT-All-All	6,960	6,960	6,960	6,960	12,320	12,320	12,320	12,320	12,320	12,320	12,320	12,320	12,320	12,320

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	5/28/2027	5/29/2027	5/30/2027	5/31/2027	6/1/2027	6/2/2027	6/3/2027	6/4/2027	6/5/2027	6/6/2027	6/7/2027	6/8/2027	6/9/2027	6/10/2027
79	Workforce	60	60	60	60	75	75	75	75	75	75	75	75	75	75
44	Round Trips-Substation-Worker	44	44	44	44	44	44	44	44	44	44	44	44	44	44
9	Round Trips-Substation-Trucks	9	9	9	9	9	9	9	9	9	9	9	9	9	9
42	Round Trips-Transmission-Worker	19	19	19	19	36	36	36	36	36	36	36	36	36	36
12	Round Trips-Transmission-Trucks	8	8	8	8	12	12	12	12	12	12	12	12	12	12
44	Round Trips-Other-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
12	Round Trips-Other-Trucks	10	10	10	10	10	10	10	10	10	10	10	10	10	10
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	84	84	84	84	101	101	101	101	101	101	101	101	101	101
31	Round Trips-All-Trucks	27	27	27	27	31	31	31	31	31	31	31	31	31	31
12,440	VMT-All-Worker	9,600	9,600	9,600	9,600	11,640	11,640	11,640	11,640	11,640	11,640	11,640	11,640	11,640	11,640
3,320	VMT-All-Trucks	2,880	2,880	2,880	2,880	3,320	3,320	3,320	3,320	3,320	3,320	3,320	3,320	3,320	3,320
15,000	VMT-All-All	12,480	12,480	12,480	12,480	14,960	14,960	14,960	14,960	14,960	14,960	14,960	14,960	14,960	14,960

Table 86: Daily Workforce and Traffic

Max	Type	6/11/2027	6/12/2027	6/13/2027	6/14/2027	6/15/2027	6/16/2027	6/17/2027	6/18/2027	6/19/2027	6/20/2027	6/21/2027	6/22/2027	6/23/2027	6/24/2027
237	Workforce	149	149	149	149	194	194	194	194	194	194	194	194	194	194
107	Round Trips-Substation-Worker	82	82	82	82	82	82	82	82	82	82	82	82	82	82
28	Round Trips-Substation-Trucks	11	11	11	11	11	11	11	11	11	11	11	11	11	11
154	Round Trips-Transmission-Worker	80	80	80	80	105	105	105	105	105	105	105	105	105	105
30	Round Trips-Transmission-Trucks	22	22	22	22	30	24	24	24	24	24	24	24	24	24
79	Round Trips-Other-Worker	36	36	36	36	56	56	56	56	56	56	56	56	56	56
18	Round Trips-Other-Trucks	15	15	15	15	16	16	16	16	16	16	16	16	16	16
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	198	198	198	198	243	243	243	243	243	243	243	243	243	243
57	Round Trips-All-Trucks	48	48	48	48	57	51	51	51	51	51	51	51	51	51
33,400	VMT-All-Worker	22,360	22,360	22,360	22,360	27,760	27,760	27,760	27,760	27,760	27,760	27,760	27,760	27,760	27,760
5,800	VMT-All-Trucks	4,920	4,920	4,920	4,920	5,800	5,160	5,160	5,160	5,160	5,160	5,160	5,160	5,160	5,160
38,560	VMT-All-All	27,280	27,280	27,280	27,280	33,560	32,920	32,920	32,920	32,920	32,920	32,920	32,920	32,920	32,920

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	6/11/2027	6/12/2027	6/13/2027	6/14/2027	6/15/2027	6/16/2027	6/17/2027	6/18/2027	6/19/2027	6/20/2027	6/21/2027	6/22/2027	6/23/2027	6/24/2027
162	Workforce	74	74	74	74	119	119	119	119	119	119	119	119	119	119
86	Round Trips-Substation-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
116	Round Trips-Transmission-Worker	44	44	44	44	69	69	69	69	69	69	69	69	69	69
18	Round Trips-Transmission-Trucks	10	10	10	10	18	12	12	12	12	12	12	12	12	12
35	Round Trips-Other-Worker	15	15	15	15	35	35	35	35	35	35	35	35	35	35
6	Round Trips-Other-Trucks	5	5	5	5	6	6	6	6	6	6	6	6	6	6
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	97	97	97	97	142	142	142	142	142	142	142	142	142	142
28	Round Trips-All-Trucks	17	17	17	17	26	20	20	20	20	20	20	20	20	20
21,600	VMT-All-Worker	10,720	10,720	10,720	10,720	16,120	16,120	16,120	16,120	16,120	16,120	16,120	16,120	16,120	16,120
2,480	VMT-All-Trucks	1,600	1,600	1,600	1,600	2,480	1,840	1,840	1,840	1,840	1,840	1,840	1,840	1,840	1,840
23,560	VMT-All-All	12,320	12,320	12,320	12,320	18,600	17,960	17,960	17,960	17,960	17,960	17,960	17,960	17,960	17,960

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	6/11/2027	6/12/2027	6/13/2027	6/14/2027	6/15/2027	6/16/2027	6/17/2027	6/18/2027	6/19/2027	6/20/2027	6/21/2027	6/22/2027	6/23/2027	6/24/2027
79	Workforce	75	75	75	75	75	75	75	75	75	75	75	75	75	75
44	Round Trips-Substation-Worker	44	44	44	44	44	44	44	44	44	44	44	44	44	44
9	Round Trips-Substation-Trucks	9	9	9	9	9	9	9	9	9	9	9	9	9	9
42	Round Trips-Transmission-Worker	36	36	36	36	36	36	36	36	36	36	36	36	36	36
12	Round Trips-Transmission-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
44	Round Trips-Other-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
12	Round Trips-Other-Trucks	10	10	10	10	10	10	10	10	10	10	10	10	10	10
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	101	101	101	101	101	101	101	101	101	101	101	101	101	101
31	Round Trips-All-Trucks	31	31	31	31	31	31	31	31	31	31	31	31	31	31
12,440	VMT-All-Worker	11,640	11,640	11,640	11,640	11,640	11,640	11,640	11,640	11,640	11,640	11,640	11,640	11,640	11,640
3,320	VMT-All-Trucks	3,320	3,320	3,320	3,320	3,320	3,320	3,320	3,320	3,320	3,320	3,320	3,320	3,320	3,320
15,000	VMT-All-All	14,960	14,960	14,960	14,960	14,960	14,960	14,960	14,960	14,960	14,960	14,960	14,960	14,960	14,960

Table 86: Daily Workforce and Traffic

Max	Type	6/25/2027	6/26/2027	6/27/2027	6/28/2027	6/29/2027	6/30/2027	7/1/2027	7/2/2027	7/3/2027	7/4/2027	7/5/2027	7/6/2027	7/7/2027	7/8/2027
237	Workforce	194	194	194	194	194	194	219	219	219	219	219	219	219	219
107	Round Trips-Substation-Worker	82	82	82	82	82	82	82	82	82	82	82	82	82	82
28	Round Trips-Substation-Trucks	11	11	11	11	11	11	11	11	11	11	11	11	11	11
154	Round Trips-Transmission-Worker	105	105	105	105	105	105	130	130	130	130	130	130	130	130
30	Round Trips-Transmission-Trucks	24	24	24	24	24	24	24	24	24	24	24	24	24	24
79	Round Trips-Other-Worker	56	56	56	56	56	56	56	56	56	56	56	56	56	56
18	Round Trips-Other-Trucks	16	16	16	16	16	16	16	16	16	16	16	16	16	16
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	243	243	243	243	243	243	268	268	268	268	268	268	268	268
57	Round Trips-All-Trucks	51	51	51	51	51	51	51	51	51	51	51	51	51	51
33,400	VMT-All-Worker	27,760	27,760	27,760	27,760	27,760	27,760	30,760	30,760	30,760	30,760	30,760	30,760	30,760	30,760
5,800	VMT-All-Trucks	5,160	5,160	5,160	5,160	5,160	5,160	5,160	5,160	5,160	5,160	5,160	5,160	5,160	5,160
38,560	VMT-All-All	32,920	32,920	32,920	32,920	32,920	32,920	35,920	35,920	35,920	35,920	35,920	35,920	35,920	35,920

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	6/25/2027	6/26/2027	6/27/2027	6/28/2027	6/29/2027	6/30/2027	7/1/2027	7/2/2027	7/3/2027	7/4/2027	7/5/2027	7/6/2027	7/7/2027	7/8/2027
162	Workforce	119	119	119	119	119	119	144	144	144	144	144	144	144	144
86	Round Trips-Substation-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
116	Round Trips-Transmission-Worker	69	69	69	69	69	69	94	94	94	94	94	94	94	94
18	Round Trips-Transmission-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
35	Round Trips-Other-Worker	35	35	35	35	35	35	35	35	35	35	35	35	35	35
6	Round Trips-Other-Trucks	6	6	6	6	6	6	6	6	6	6	6	6	6	6
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	142	142	142	142	142	142	167	167	167	167	167	167	167	167
28	Round Trips-All-Trucks	20	20	20	20	20	20	20	20	20	20	20	20	20	20
21,600	VMT-All-Worker	16,120	16,120	16,120	16,120	16,120	16,120	19,120	19,120	19,120	19,120	19,120	19,120	19,120	19,120
2,480	VMT-All-Trucks	1,840	1,840	1,840	1,840	1,840	1,840	1,840	1,840	1,840	1,840	1,840	1,840	1,840	1,840
23,560	VMT-All-All	17,960	17,960	17,960	17,960	17,960	17,960	20,960	20,960	20,960	20,960	20,960	20,960	20,960	20,960

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	6/25/2027	6/26/2027	6/27/2027	6/28/2027	6/29/2027	6/30/2027	7/1/2027	7/2/2027	7/3/2027	7/4/2027	7/5/2027	7/6/2027	7/7/2027	7/8/2027
79	Workforce	75	75	75	75	75	75	75	75	75	75	75	75	75	75
44	Round Trips-Substation-Worker	44	44	44	44	44	44	44	44	44	44	44	44	44	44
9	Round Trips-Substation-Trucks	9	9	9	9	9	9	9	9	9	9	9	9	9	9
42	Round Trips-Transmission-Worker	36	36	36	36	36	36	36	36	36	36	36	36	36	36
12	Round Trips-Transmission-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
44	Round Trips-Other-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
12	Round Trips-Other-Trucks	10	10	10	10	10	10	10	10	10	10	10	10	10	10
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	101	101	101	101	101	101	101	101	101	101	101	101	101	101
31	Round Trips-All-Trucks	31	31	31	31	31	31	31	31	31	31	31	31	31	31
12,440	VMT-All-Worker	11,640	11,640	11,640	11,640	11,640	11,640	11,640	11,640	11,640	11,640	11,640	11,640	11,640	11,640
3,320	VMT-All-Trucks	3,320	3,320	3,320	3,320	3,320	3,320	3,320	3,320	3,320	3,320	3,320	3,320	3,320	3,320
15,000	VMT-All-All	14,960	14,960	14,960	14,960	14,960	14,960	14,960	14,960	14,960	14,960	14,960	14,960	14,960	14,960

Table 86: Daily Workforce and Traffic

Max	Type	7/9/2027	7/10/2027	7/11/2027	7/12/2027	7/13/2027	7/14/2027	7/15/2027	7/16/2027	7/17/2027	7/18/2027	7/19/2027	7/20/2027	7/21/2027	7/22/2027
237	Workforce	219	219	219	219	219	219	219	237	237	237	237	237	237	237
107	Round Trips-Substation-Worker	82	82	82	82	82	82	82	82	82	82	82	82	82	82
28	Round Trips-Substation-Trucks	11	11	11	11	11	11	11	11	11	11	11	11	11	11
154	Round Trips-Transmission-Worker	130	130	130	130	130	130	130	152	152	152	152	152	152	152
30	Round Trips-Transmission-Trucks	24	24	24	24	24	24	24	25	25	25	25	25	25	25
79	Round Trips-Other-Worker	56	56	56	56	56	56	56	56	56	56	56	56	56	56
18	Round Trips-Other-Trucks	16	16	16	16	16	16	16	16	16	16	16	16	16	16
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	268	268	268	268	268	268	268	290	290	290	290	290	290	290
57	Round Trips-All-Trucks	51	51	51	51	51	51	51	52	52	52	52	52	52	52
33,400	VMT-All-Worker	30,760	30,760	30,760	30,760	30,760	30,760	30,760	33,240	33,240	33,240	33,240	33,240	33,240	33,240
5,800	VMT-All-Trucks	5,160	5,160	5,160	5,160	5,160	5,160	5,160	5,280	5,280	5,280	5,280	5,280	5,280	5,280
38,560	VMT-All-All	35,920	35,920	35,920	35,920	35,920	35,920	35,920	38,520	38,520	38,520	38,520	38,520	38,520	38,520

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	7/9/2027	7/10/2027	7/11/2027	7/12/2027	7/13/2027	7/14/2027	7/15/2027	7/16/2027	7/17/2027	7/18/2027	7/19/2027	7/20/2027	7/21/2027	7/22/2027
162	Workforce	144	144	144	144	144	144	144	162	162	162	162	162	162	162
86	Round Trips-Substation-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
116	Round Trips-Transmission-Worker	94	94	94	94	94	94	94	116	116	116	116	116	116	116
18	Round Trips-Transmission-Trucks	12	12	12	12	12	12	12	13	13	13	13	13	13	13
35	Round Trips-Other-Worker	35	35	35	35	35	35	35	35	35	35	35	35	35	35
6	Round Trips-Other-Trucks	6	6	6	6	6	6	6	6	6	6	6	6	6	6
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	167	167	167	167	167	167	167	189	189	189	189	189	189	189
28	Round Trips-All-Trucks	20	20	20	20	20	20	20	21	21	21	21	21	21	21
21,600	VMT-All-Worker	19,120	19,120	19,120	19,120	19,120	19,120	19,120	21,600	21,600	21,600	21,600	21,600	21,600	21,600
2,480	VMT-All-Trucks	1,840	1,840	1,840	1,840	1,840	1,840	1,840	1,960	1,960	1,960	1,960	1,960	1,960	1,960
23,560	VMT-All-All	20,960	20,960	20,960	20,960	20,960	20,960	20,960	23,560	23,560	23,560	23,560	23,560	23,560	23,560

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	7/9/2027	7/10/2027	7/11/2027	7/12/2027	7/13/2027	7/14/2027	7/15/2027	7/16/2027	7/17/2027	7/18/2027	7/19/2027	7/20/2027	7/21/2027	7/22/2027
79	Workforce	75	75	75	75	75	75	75	75	75	75	75	75	75	75
44	Round Trips-Substation-Worker	44	44	44	44	44	44	44	44	44	44	44	44	44	44
9	Round Trips-Substation-Trucks	9	9	9	9	9	9	9	9	9	9	9	9	9	9
42	Round Trips-Transmission-Worker	36	36	36	36	36	36	36	36	36	36	36	36	36	36
12	Round Trips-Transmission-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
44	Round Trips-Other-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
12	Round Trips-Other-Trucks	10	10	10	10	10	10	10	10	10	10	10	10	10	10
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	101	101	101	101	101	101	101	101	101	101	101	101	101	101
31	Round Trips-All-Trucks	31	31	31	31	31	31	31	31	31	31	31	31	31	31
12,440	VMT-All-Worker	11,640	11,640	11,640	11,640	11,640	11,640	11,640	11,640	11,640	11,640	11,640	11,640	11,640	11,640
3,320	VMT-All-Trucks	3,320	3,320	3,320	3,320	3,320	3,320	3,320	3,320	3,320	3,320	3,320	3,320	3,320	3,320
15,000	VMT-All-All	14,960	14,960	14,960	14,960	14,960	14,960	14,960	14,960	14,960	14,960	14,960	14,960	14,960	14,960

Table 86: Daily Workforce and Traffic

Max	Type	7/23/2027	7/24/2027	7/25/2027	7/26/2027	7/27/2027	7/28/2027	7/29/2027	7/30/2027	7/31/2027	8/1/2027	8/2/2027	8/3/2027	8/4/2027	8/5/2027
237	Workforce	237	237	237	237	237	237	237	237	237	237	237	237	237	237
107	Round Trips-Substation-Worker	82	82	82	82	82	82	82	82	82	82	82	82	82	82
28	Round Trips-Substation-Trucks	11	11	11	11	11	11	11	11	11	11	11	11	11	11
154	Round Trips-Transmission-Worker	152	152	152	152	152	152	154	154	154	154	154	154	154	154
30	Round Trips-Transmission-Trucks	25	25	25	25	25	25	24	24	24	24	24	24	24	24
79	Round Trips-Other-Worker	56	56	56	56	56	56	56	56	56	56	56	56	56	56
18	Round Trips-Other-Trucks	16	16	16	16	16	16	16	16	16	16	16	16	16	16
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	290	290	290	290	290	290	292	292	292	292	292	292	292	292
57	Round Trips-All-Trucks	52	52	52	52	52	52	51	51	51	51	51	51	51	51
33,400	VMT-All-Worker	33,240	33,240	33,240	33,240	33,240	33,240	33,400	33,400	33,400	33,400	33,400	33,400	33,400	33,400
5,800	VMT-All-Trucks	5,280	5,280	5,280	5,280	5,280	5,280	5,160	5,160	5,160	5,160	5,160	5,160	5,160	5,160
38,560	VMT-All-All	38,520	38,520	38,520	38,520	38,520	38,520	38,560	38,560	38,560	38,560	38,560	38,560	38,560	38,560

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	7/23/2027	7/24/2027	7/25/2027	7/26/2027	7/27/2027	7/28/2027	7/29/2027	7/30/2027	7/31/2027	8/1/2027	8/2/2027	8/3/2027	8/4/2027	8/5/2027
162	Workforce	162	162	162	162	162	162	162	162	162	162	162	162	162	162
86	Round Trips-Substation-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
116	Round Trips-Transmission-Worker	116	116	116	116	116	116	116	116	116	116	116	116	116	116
18	Round Trips-Transmission-Trucks	13	13	13	13	13	13	13	13	13	13	13	13	13	13
35	Round Trips-Other-Worker	35	35	35	35	35	35	35	35	35	35	35	35	35	35
6	Round Trips-Other-Trucks	6	6	6	6	6	6	6	6	6	6	6	6	6	6
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	189	189	189	189	189	189	189	189	189	189	189	189	189	189
28	Round Trips-All-Trucks	21	21	21	21	21	21	21	21	21	21	21	21	21	21
21,600	VMT-All-Worker	21,600	21,600	21,600	21,600	21,600	21,600	21,600	21,600	21,600	21,600	21,600	21,600	21,600	21,600
2,480	VMT-All-Trucks	1,960	1,960	1,960	1,960	1,960	1,960	1,960	1,960	1,960	1,960	1,960	1,960	1,960	1,960
23,560	VMT-All-All	23,560	23,560	23,560	23,560	23,560	23,560	23,560	23,560	23,560	23,560	23,560	23,560	23,560	23,560

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	7/23/2027	7/24/2027	7/25/2027	7/26/2027	7/27/2027	7/28/2027	7/29/2027	7/30/2027	7/31/2027	8/1/2027	8/2/2027	8/3/2027	8/4/2027	8/5/2027
79	Workforce	75	75	75	75	75	75	75	75	75	75	75	75	75	75
44	Round Trips-Substation-Worker	44	44	44	44	44	44	44	44	44	44	44	44	44	44
9	Round Trips-Substation-Trucks	9	9	9	9	9	9	9	9	9	9	9	9	9	9
42	Round Trips-Transmission-Worker	36	36	36	36	36	36	38	38	38	38	38	38	38	38
12	Round Trips-Transmission-Trucks	12	12	12	12	12	12	11	11	11	11	11	11	11	11
44	Round Trips-Other-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
12	Round Trips-Other-Trucks	10	10	10	10	10	10	10	10	10	10	10	10	10	10
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	101	101	101	101	101	101	103	103	103	103	103	103	103	103
31	Round Trips-All-Trucks	31	31	31	31	31	31	30	30	30	30	30	30	30	30
12,440	VMT-All-Worker	11,640	11,640	11,640	11,640	11,640	11,640	11,800	11,800	11,800	11,800	11,800	11,800	11,800	11,800
3,320	VMT-All-Trucks	3,320	3,320	3,320	3,320	3,320	3,320	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,200
15,000	VMT-All-All	14,960	14,960	14,960	14,960	14,960	14,960	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000

Table 86: Daily Workforce and Traffic

Max	Type	8/6/2027	8/7/2027	8/8/2027	8/9/2027	8/10/2027	8/11/2027	8/12/2027	8/13/2027	8/14/2027	8/15/2027	8/16/2027	8/17/2027	8/18/2027	8/19/2027
237	Workforce	237	237	237	237	237	237	237	237	237	237	207	207	207	207
107	Round Trips-Substation-Worker	82	82	82	82	82	82	82	82	82	82	82	82	82	82
28	Round Trips-Substation-Trucks	11	11	11	11	11	11	11	11	11	11	11	11	11	11
154	Round Trips-Transmission-Worker	154	154	154	154	154	154	154	154	154	154	116	116	116	116
30	Round Trips-Transmission-Trucks	24	24	24	24	24	24	24	24	24	24	21	21	21	21
79	Round Trips-Other-Worker	56	56	56	56	56	56	56	56	56	56	56	56	56	56
18	Round Trips-Other-Trucks	16	16	16	16	16	16	16	16	16	16	16	16	16	16
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	292	292	292	292	292	292	292	292	292	292	254	254	254	254
57	Round Trips-All-Trucks	51	51	51	51	51	51	51	51	51	51	48	48	48	48
33,400	VMT-All-Worker	33,400	33,400	33,400	33,400	33,400	33,400	33,400	33,400	33,400	33,400	29,160	29,160	29,160	29,160
5,800	VMT-All-Trucks	5,160	5,160	5,160	5,160	5,160	5,160	5,160	5,160	5,160	5,160	4,880	4,880	4,880	4,880
38,560	VMT-All-All	38,560	38,560	38,560	38,560	38,560	38,560	38,560	38,560	38,560	38,560	34,040	34,040	34,040	34,040

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	8/6/2027	8/7/2027	8/8/2027	8/9/2027	8/10/2027	8/11/2027	8/12/2027	8/13/2027	8/14/2027	8/15/2027	8/16/2027	8/17/2027	8/18/2027	8/19/2027
162	Workforce	162	162	162	162	162	162	162	162	162	162	132	132	132	132
86	Round Trips-Substation-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
116	Round Trips-Transmission-Worker	116	116	116	116	116	116	116	116	116	116	78	78	78	78
18	Round Trips-Transmission-Trucks	13	13	13	13	13	13	13	13	13	13	10	10	10	10
35	Round Trips-Other-Worker	35	35	35	35	35	35	35	35	35	35	35	35	35	35
6	Round Trips-Other-Trucks	6	6	6	6	6	6	6	6	6	6	6	6	6	6
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	189	189	189	189	189	189	189	189	189	189	151	151	151	151
28	Round Trips-All-Trucks	21	21	21	21	21	21	21	21	21	21	18	18	18	18
21,600	VMT-All-Worker	21,600	21,600	21,600	21,600	21,600	21,600	21,600	21,600	21,600	21,600	17,360	17,360	17,360	17,360
2,480	VMT-All-Trucks	1,960	1,960	1,960	1,960	1,960	1,960	1,960	1,960	1,960	1,960	1,680	1,680	1,680	1,680
23,560	VMT-All-All	23,560	23,560	23,560	23,560	23,560	23,560	23,560	23,560	23,560	23,560	19,040	19,040	19,040	19,040

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	8/6/2027	8/7/2027	8/8/2027	8/9/2027	8/10/2027	8/11/2027	8/12/2027	8/13/2027	8/14/2027	8/15/2027	8/16/2027	8/17/2027	8/18/2027	8/19/2027
79	Workforce	75	75	75	75	75	75	75	75	75	75	75	75	75	75
44	Round Trips-Substation-Worker	44	44	44	44	44	44	44	44	44	44	44	44	44	44
9	Round Trips-Substation-Trucks	9	9	9	9	9	9	9	9	9	9	9	9	9	9
42	Round Trips-Transmission-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
12	Round Trips-Transmission-Trucks	11	11	11	11	11	11	11	11	11	11	11	11	11	11
44	Round Trips-Other-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
12	Round Trips-Other-Trucks	10	10	10	10	10	10	10	10	10	10	10	10	10	10
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	103	103	103	103	103	103	103	103	103	103	103	103	103	103
31	Round Trips-All-Trucks	30	30	30	30	30	30	30	30	30	30	30	30	30	30
12,440	VMT-All-Worker	11,800	11,800	11,800	11,800	11,800	11,800	11,800	11,800	11,800	11,800	11,800	11,800	11,800	11,800
3,320	VMT-All-Trucks	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,200
15,000	VMT-All-All	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000

Table 86: Daily Workforce and Traffic

Max	Type	8/20/2027	8/21/2027	8/22/2027	8/23/2027	8/24/2027	8/25/2027	8/26/2027	8/27/2027	8/28/2027	8/29/2027	8/30/2027	8/31/2027	9/1/2027	9/2/2027
237	Workforce	207	207	207	207	187	187	172	172	172	172	172	172	172	172
107	Round Trips-Substation-Worker	82	82	82	82	82	82	82	82	82	82	82	82	61	61
28	Round Trips-Substation-Trucks	11	11	11	11	11	11	11	11	11	11	11	11	4	4
154	Round Trips-Transmission-Worker	116	116	116	116	88	88	69	69	69	69	69	69	69	69
30	Round Trips-Transmission-Trucks	21	21	21	21	19	19	11	11	11	11	11	11	11	11
79	Round Trips-Other-Worker	56	56	56	56	56	56	56	56	56	56	56	56	79	79
18	Round Trips-Other-Trucks	16	16	16	16	16	16	16	16	16	16	16	16	18	18
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	254	254	254	254	226	226	207	207	207	207	207	207	209	209
57	Round Trips-All-Trucks	48	48	48	48	46	46	38	38	38	38	38	38	33	33
33,400	VMT-All-Worker	29,160	29,160	29,160	29,160	26,120	26,120	23,840	23,840	23,840	23,840	23,840	23,840	24,080	24,080
5,800	VMT-All-Trucks	4,880	4,880	4,880	4,880	4,720	4,720	3,840	3,840	3,840	3,840	3,840	3,840	3,280	3,280
38,560	VMT-All-All	34,040	34,040	34,040	34,040	30,840	30,840	27,680	27,680	27,680	27,680	27,680	27,680	27,360	27,360

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	8/20/2027	8/21/2027	8/22/2027	8/23/2027	8/24/2027	8/25/2027	8/26/2027	8/27/2027	8/28/2027	8/29/2027	8/30/2027	8/31/2027	9/1/2027	9/2/2027
162	Workforce	132	132	132	132	112	112	112	112	112	112	112	112	112	112
86	Round Trips-Substation-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
116	Round Trips-Transmission-Worker	78	78	78	78	50	50	50	50	50	50	50	50	50	50
18	Round Trips-Transmission-Trucks	10	10	10	10	8	8	8	8	8	8	8	8	8	8
35	Round Trips-Other-Worker	35	35	35	35	35	35	35	35	35	35	35	35	35	35
6	Round Trips-Other-Trucks	6	6	6	6	6	6	6	6	6	6	6	6	6	6
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	151	151	151	151	123	123	123	123	123	123	123	123	123	123
28	Round Trips-All-Trucks	18	18	18	18	16	16	16	16	16	16	16	16	16	16
21,600	VMT-All-Worker	17,360	17,360	17,360	17,360	14,320	14,320	14,320	14,320	14,320	14,320	14,320	14,320	14,320	14,320
2,480	VMT-All-Trucks	1,680	1,680	1,680	1,680	1,520	1,520	1,520	1,520	1,520	1,520	1,520	1,520	1,520	1,520
23,560	VMT-All-All	19,040	19,040	19,040	19,040	15,840	15,840	15,840	15,840	15,840	15,840	15,840	15,840	15,840	15,840

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	8/20/2027	8/21/2027	8/22/2027	8/23/2027	8/24/2027	8/25/2027	8/26/2027	8/27/2027	8/28/2027	8/29/2027	8/30/2027	8/31/2027	9/1/2027	9/2/2027
79	Workforce	75	75	75	75	75	75	60	60	60	60	60	60	60	60
44	Round Trips-Substation-Worker	44	44	44	44	44	44	44	44	44	44	44	44	23	23
9	Round Trips-Substation-Trucks	9	9	9	9	9	9	9	9	9	9	9	9	2	2
42	Round Trips-Transmission-Worker	38	38	38	38	38	38	19	19	19	19	19	19	19	19
12	Round Trips-Transmission-Trucks	11	11	11	11	11	11	3	3	3	3	3	3	3	3
44	Round Trips-Other-Worker	21	21	21	21	21	21	21	21	21	21	21	21	44	44
12	Round Trips-Other-Trucks	10	10	10	10	10	10	10	10	10	10	10	10	12	12
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	103	103	103	103	103	103	84	84	84	84	84	84	86	86
31	Round Trips-All-Trucks	30	30	30	30	30	30	22	22	22	22	22	22	17	17
12,440	VMT-All-Worker	11,800	11,800	11,800	11,800	11,800	11,800	9,520	9,520	9,520	9,520	9,520	9,520	9,760	9,760
3,320	VMT-All-Trucks	3,200	3,200	3,200	3,200	3,200	3,200	2,320	2,320	2,320	2,320	2,320	2,320	1,760	1,760
15,000	VMT-All-All	15,000	15,000	15,000	15,000	15,000	15,000	11,840	11,840	11,840	11,840	11,840	11,840	11,520	11,520

Table 86: Daily Workforce and Traffic

Max	Type	9/3/2027	9/4/2027	9/5/2027	9/6/2027	9/7/2027	9/8/2027	9/9/2027	9/10/2027	9/11/2027	9/12/2027	9/13/2027	9/14/2027	9/15/2027	9/16/2027
237	Workforce	172	172	172	172	172	172	172	172	172	172	172	172	172	172
107	Round Trips-Substation-Worker	61	61	61	61	61	61	61	61	61	61	61	61	61	61
28	Round Trips-Substation-Trucks	4	4	4	4	4	4	4	4	4	4	4	4	4	4
154	Round Trips-Transmission-Worker	69	69	69	69	69	69	69	69	69	69	69	69	69	69
30	Round Trips-Transmission-Trucks	11	11	11	11	11	11	11	11	11	11	11	11	11	11
79	Round Trips-Other-Worker	79	79	79	79	79	79	79	79	79	79	79	79	79	79
18	Round Trips-Other-Trucks	18	18	18	18	18	18	18	18	18	18	18	18	18	18
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	209	209	209	209	209	209	209	209	209	209	209	209	209	209
57	Round Trips-All-Trucks	33	33	33	33	33	33	33	33	33	33	33	33	33	33
33,400	VMT-All-Worker	24,080	24,080	24,080	24,080	24,080	24,080	24,080	24,080	24,080	24,080	24,080	24,080	24,080	24,080
5,800	VMT-All-Trucks	3,280	3,280	3,280	3,280	3,280	3,280	3,280	3,280	3,280	3,280	3,280	3,280	3,280	3,280
38,560	VMT-All-All	27,360	27,360	27,360	27,360	27,360	27,360	27,360	27,360	27,360	27,360	27,360	27,360	27,360	27,360

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	9/3/2027	9/4/2027	9/5/2027	9/6/2027	9/7/2027	9/8/2027	9/9/2027	9/10/2027	9/11/2027	9/12/2027	9/13/2027	9/14/2027	9/15/2027	9/16/2027
162	Workforce	112	112	112	112	112	112	112	112	112	112	112	112	112	112
86	Round Trips-Substation-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
116	Round Trips-Transmission-Worker	50	50	50	50	50	50	50	50	50	50	50	50	50	50
18	Round Trips-Transmission-Trucks	8	8	8	8	8	8	8	8	8	8	8	8	8	8
35	Round Trips-Other-Worker	35	35	35	35	35	35	35	35	35	35	35	35	35	35
6	Round Trips-Other-Trucks	6	6	6	6	6	6	6	6	6	6	6	6	6	6
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	123	123	123	123	123	123	123	123	123	123	123	123	123	123
28	Round Trips-All-Trucks	16	16	16	16	16	16	16	16	16	16	16	16	16	16
21,600	VMT-All-Worker	14,320	14,320	14,320	14,320	14,320	14,320	14,320	14,320	14,320	14,320	14,320	14,320	14,320	14,320
2,480	VMT-All-Trucks	1,520	1,520	1,520	1,520	1,520	1,520	1,520	1,520	1,520	1,520	1,520	1,520	1,520	1,520
23,560	VMT-All-All	15,840	15,840	15,840	15,840	15,840	15,840	15,840	15,840	15,840	15,840	15,840	15,840	15,840	15,840

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	9/3/2027	9/4/2027	9/5/2027	9/6/2027	9/7/2027	9/8/2027	9/9/2027	9/10/2027	9/11/2027	9/12/2027	9/13/2027	9/14/2027	9/15/2027	9/16/2027
79	Workforce	60	60	60	60	60	60	60	60	60	60	60	60	60	60
44	Round Trips-Substation-Worker	23	23	23	23	23	23	23	23	23	23	23	23	23	23
9	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
42	Round Trips-Transmission-Worker	19	19	19	19	19	19	19	19	19	19	19	19	19	19
12	Round Trips-Transmission-Trucks	3	3	3	3	3	3	3	3	3	3	3	3	3	3
44	Round Trips-Other-Worker	44	44	44	44	44	44	44	44	44	44	44	44	44	44
12	Round Trips-Other-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	86	86	86	86	86	86	86	86	86	86	86	86	86	86
31	Round Trips-All-Trucks	17	17	17	17	17	17	17	17	17	17	17	17	17	17
12,440	VMT-All-Worker	9,760	9,760	9,760	9,760	9,760	9,760	9,760	9,760	9,760	9,760	9,760	9,760	9,760	9,760
3,320	VMT-All-Trucks	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760
15,000	VMT-All-All	11,520	11,520	11,520	11,520	11,520	11,520	11,520	11,520	11,520	11,520	11,520	11,520	11,520	11,520

Table 86: Daily Workforce and Traffic

Max	Type	9/17/2027	9/18/2027	9/19/2027	9/20/2027	9/21/2027	9/22/2027	9/23/2027	9/24/2027	9/25/2027	9/26/2027	9/27/2027	9/28/2027	9/29/2027	9/30/2027
237	Workforce	172	172	172	172	172	172	172	187	187	187	187	187	187	187
107	Round Trips-Substation-Worker	61	61	61	61	61	61	61	61	61	61	61	61	61	61
28	Round Trips-Substation-Trucks	4	4	4	4	4	4	4	4	4	4	4	4	4	4
154	Round Trips-Transmission-Worker	69	69	69	69	69	69	69	88	88	88	88	88	88	88
30	Round Trips-Transmission-Trucks	11	11	11	11	11	11	11	11	11	11	11	11	11	11
79	Round Trips-Other-Worker	79	79	79	79	79	79	79	79	79	79	79	79	79	79
18	Round Trips-Other-Trucks	18	18	18	18	18	18	18	18	18	18	18	18	18	18
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	209	209	209	209	209	209	209	228	228	228	228	228	228	228
57	Round Trips-All-Trucks	33	33	33	33	33	33	33	33	33	33	33	33	33	33
33,400	VMT-All-Worker	24,080	24,080	24,080	24,080	24,080	24,080	24,080	26,280	26,280	26,280	26,280	26,280	26,280	26,280
5,800	VMT-All-Trucks	3,280	3,280	3,280	3,280	3,280	3,280	3,280	3,280	3,280	3,280	3,280	3,280	3,280	3,280
38,560	VMT-All-All	27,360	27,360	27,360	27,360	27,360	27,360	27,360	29,560	29,560	29,560	29,560	29,560	29,560	29,560

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	9/17/2027	9/18/2027	9/19/2027	9/20/2027	9/21/2027	9/22/2027	9/23/2027	9/24/2027	9/25/2027	9/26/2027	9/27/2027	9/28/2027	9/29/2027	9/30/2027
162	Workforce	112	112	112	112	112	112	112	112	112	112	112	112	112	112
86	Round Trips-Substation-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
116	Round Trips-Transmission-Worker	50	50	50	50	50	50	50	50	50	50	50	50	50	50
18	Round Trips-Transmission-Trucks	8	8	8	8	8	8	8	8	8	8	8	8	8	8
35	Round Trips-Other-Worker	35	35	35	35	35	35	35	35	35	35	35	35	35	35
6	Round Trips-Other-Trucks	6	6	6	6	6	6	6	6	6	6	6	6	6	6
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	123	123	123	123	123	123	123	123	123	123	123	123	123	123
28	Round Trips-All-Trucks	16	16	16	16	16	16	16	16	16	16	16	16	16	16
21,600	VMT-All-Worker	14,320	14,320	14,320	14,320	14,320	14,320	14,320	14,320	14,320	14,320	14,320	14,320	14,320	14,320
2,480	VMT-All-Trucks	1,520	1,520	1,520	1,520	1,520	1,520	1,520	1,520	1,520	1,520	1,520	1,520	1,520	1,520
23,560	VMT-All-All	15,840	15,840	15,840	15,840	15,840	15,840	15,840	15,840	15,840	15,840	15,840	15,840	15,840	15,840

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	9/17/2027	9/18/2027	9/19/2027	9/20/2027	9/21/2027	9/22/2027	9/23/2027	9/24/2027	9/25/2027	9/26/2027	9/27/2027	9/28/2027	9/29/2027	9/30/2027
79	Workforce	60	60	60	60	60	60	60	75	75	75	75	75	75	75
44	Round Trips-Substation-Worker	23	23	23	23	23	23	23	23	23	23	23	23	23	23
9	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
42	Round Trips-Transmission-Worker	19	19	19	19	19	19	19	38	38	38	38	38	38	38
12	Round Trips-Transmission-Trucks	3	3	3	3	3	3	3	3	3	3	3	3	3	3
44	Round Trips-Other-Worker	44	44	44	44	44	44	44	44	44	44	44	44	44	44
12	Round Trips-Other-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	86	86	86	86	86	86	86	105	105	105	105	105	105	105
31	Round Trips-All-Trucks	17	17	17	17	17	17	17	17	17	17	17	17	17	17
12,440	VMT-All-Worker	9,760	9,760	9,760	9,760	9,760	9,760	9,760	11,960	11,960	11,960	11,960	11,960	11,960	11,960
3,320	VMT-All-Trucks	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760
15,000	VMT-All-All	11,520	11,520	11,520	11,520	11,520	11,520	11,520	13,720	13,720	13,720	13,720	13,720	13,720	13,720

Table 86: Daily Workforce and Traffic

Max	Type	10/1/2027	10/2/2027	10/3/2027	10/4/2027	10/5/2027	10/6/2027	10/7/2027	10/8/2027	10/9/2027	10/10/2027	10/11/2027	10/12/2027	10/13/2027	10/14/2027
237	Workforce	187	175	175	175	175	175	175	175	175	175	175	175	175	175
107	Round Trips-Substation-Worker	61	61	61	61	61	61	61	61	61	61	61	61	61	61
28	Round Trips-Substation-Trucks	4	4	4	4	4	4	4	4	4	4	4	4	4	4
154	Round Trips-Transmission-Worker	88	88	88	88	88	88	88	88	88	88	88	88	88	88
30	Round Trips-Transmission-Trucks	11	11	11	11	11	11	11	11	11	11	11	11	11	11
79	Round Trips-Other-Worker	79	64	64	64	64	64	64	64	64	64	64	64	64	64
18	Round Trips-Other-Trucks	18	13	13	13	13	13	13	13	13	13	13	13	13	13
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	228	213	213	213	213	213	213	213	213	213	213	213	213	213
57	Round Trips-All-Trucks	33	28	28	28	28	28	28	28	28	28	28	28	28	28
33,400	VMT-All-Worker	26,280	24,600	24,600	24,600	24,600	24,600	24,600	24,600	24,600	24,600	24,600	24,600	24,600	24,600
5,800	VMT-All-Trucks	3,280	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800
38,560	VMT-All-All	29,560	27,400	27,400	27,400	27,400	27,400	27,400	27,400	27,400	27,400	27,400	27,400	27,400	27,400

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	10/1/2027	10/2/2027	10/3/2027	10/4/2027	10/5/2027	10/6/2027	10/7/2027	10/8/2027	10/9/2027	10/10/2027	10/11/2027	10/12/2027	10/13/2027	10/14/2027
162	Workforce	112	100	100	100	100	100	100	100	100	100	100	100	100	100
86	Round Trips-Substation-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
116	Round Trips-Transmission-Worker	50	50	50	50	50	50	50	50	50	50	50	50	50	50
18	Round Trips-Transmission-Trucks	8	8	8	8	8	8	8	8	8	8	8	8	8	8
35	Round Trips-Other-Worker	35	20	20	20	20	20	20	20	20	20	20	20	20	20
6	Round Trips-Other-Trucks	6	1	1	1	1	1	1	1	1	1	1	1	1	1
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	123	108	108	108	108	108	108	108	108	108	108	108	108	108
28	Round Trips-All-Trucks	16	11	11	11	11	11	11	11	11	11	11	11	11	11
21,600	VMT-All-Worker	14,320	12,640	12,640	12,640	12,640	12,640	12,640	12,640	12,640	12,640	12,640	12,640	12,640	12,640
2,480	VMT-All-Trucks	1,520	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040
23,560	VMT-All-All	15,840	13,680	13,680	13,680	13,680	13,680	13,680	13,680	13,680	13,680	13,680	13,680	13,680	13,680

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	10/1/2027	10/2/2027	10/3/2027	10/4/2027	10/5/2027	10/6/2027	10/7/2027	10/8/2027	10/9/2027	10/10/2027	10/11/2027	10/12/2027	10/13/2027	10/14/2027
79	Workforce	75	75	75	75	75	75	75	75	75	75	75	75	75	75
44	Round Trips-Substation-Worker	23	23	23	23	23	23	23	23	23	23	23	23	23	23
9	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
42	Round Trips-Transmission-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
12	Round Trips-Transmission-Trucks	3	3	3	3	3	3	3	3	3	3	3	3	3	3
44	Round Trips-Other-Worker	44	44	44	44	44	44	44	44	44	44	44	44	44	44
12	Round Trips-Other-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	105	105	105	105	105	105	105	105	105	105	105	105	105	105
31	Round Trips-All-Trucks	17	17	17	17	17	17	17	17	17	17	17	17	17	17
12,440	VMT-All-Worker	11,960	11,960	11,960	11,960	11,960	11,960	11,960	11,960	11,960	11,960	11,960	11,960	11,960	11,960
3,320	VMT-All-Trucks	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760
15,000	VMT-All-All	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720

Table 86: Daily Workforce and Traffic

Max	Type	10/15/2027	10/16/2027	10/17/2027	10/18/2027	10/19/2027	10/20/2027	10/21/2027	10/22/2027	10/23/2027	10/24/2027	10/25/2027	10/26/2027	10/27/2027	10/28/2027
237	Workforce	175	175	175	175	175	175	175	175	175	175	175	175	175	175
107	Round Trips-Substation-Worker	61	61	61	61	61	61	61	61	61	61	61	61	61	61
28	Round Trips-Substation-Trucks	4	4	4	4	4	4	4	4	4	4	4	4	4	4
154	Round Trips-Transmission-Worker	88	88	88	88	88	88	88	88	88	88	88	88	88	88
30	Round Trips-Transmission-Trucks	11	11	11	11	11	11	11	11	11	11	11	11	11	11
79	Round Trips-Other-Worker	64	64	64	64	64	64	64	64	64	64	64	64	64	64
18	Round Trips-Other-Trucks	13	13	13	13	13	13	13	13	13	13	13	13	13	13
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
292	Round Trips-All-Worker	213	213	213	213	213	213	213	213	213	213	213	213	213	213
57	Round Trips-All-Trucks	28	28	28	28	28	28	28	28	28	28	28	28	28	28
33,400	VMT-All-Worker	24,600	24,600	24,600	24,600	24,600	24,600	24,600	24,600	24,600	24,600	24,600	24,600	24,600	24,600
5,800	VMT-All-Trucks	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800
38,560	VMT-All-All	27,400	27,400	27,400	27,400	27,400	27,400	27,400	27,400	27,400	27,400	27,400	27,400	27,400	27,400

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	10/15/2027	10/16/2027	10/17/2027	10/18/2027	10/19/2027	10/20/2027	10/21/2027	10/22/2027	10/23/2027	10/24/2027	10/25/2027	10/26/2027	10/27/2027	10/28/2027
162	Workforce	100	100	100	100	100	100	100	100	100	100	100	100	100	100
86	Round Trips-Substation-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
116	Round Trips-Transmission-Worker	50	50	50	50	50	50	50	50	50	50	50	50	50	50
18	Round Trips-Transmission-Trucks	8	8	8	8	8	8	8	8	8	8	8	8	8	8
35	Round Trips-Other-Worker	20	20	20	20	20	20	20	20	20	20	20	20	20	20
6	Round Trips-Other-Trucks	1	1	1	1	1	1	1	1	1	1	1	1	1	1
52	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189	Round Trips-All-Worker	108	108	108	108	108	108	108	108	108	108	108	108	108	108
28	Round Trips-All-Trucks	11	11	11	11	11	11	11	11	11	11	11	11	11	11
21,600	VMT-All-Worker	12,640	12,640	12,640	12,640	12,640	12,640	12,640	12,640	12,640	12,640	12,640	12,640	12,640	12,640
2,480	VMT-All-Trucks	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040
23,560	VMT-All-All	13,680	13,680	13,680	13,680	13,680	13,680	13,680	13,680	13,680	13,680	13,680	13,680	13,680	13,680

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	10/15/2027	10/16/2027	10/17/2027	10/18/2027	10/19/2027	10/20/2027	10/21/2027	10/22/2027	10/23/2027	10/24/2027	10/25/2027	10/26/2027	10/27/2027	10/28/2027
79	Workforce	75	75	75	75	75	75	75	75	75	75	75	75	75	75
44	Round Trips-Substation-Worker	23	23	23	23	23	23	23	23	23	23	23	23	23	23
9	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
42	Round Trips-Transmission-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
12	Round Trips-Transmission-Trucks	3	3	3	3	3	3	3	3	3	3	3	3	3	3
44	Round Trips-Other-Worker	44	44	44	44	44	44	44	44	44	44	44	44	44	44
12	Round Trips-Other-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	105	105	105	105	105	105	105	105	105	105	105	105	105	105
31	Round Trips-All-Trucks	17	17	17	17	17	17	17	17	17	17	17	17	17	17
12,440	VMT-All-Worker	11,960	11,960	11,960	11,960	11,960	11,960	11,960	11,960	11,960	11,960	11,960	11,960	11,960	11,960
3,320	VMT-All-Trucks	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760
15,000	VMT-All-All	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720

Table 86: Daily Workforce and Traffic

Max	Type	10/29/2027	10/30/2027	10/31/2027	11/1/2027	11/2/2027	11/3/2027	11/4/2027	11/5/2027	11/6/2027	11/7/2027	11/8/2027	11/9/2027	11/10/2027	11/11/2027
237	Workforce	175	175	175	174	174	174	174	174	174	174	174	174	174	174
107	Round Trips-Substation-Worker	61	61	61	61	61	61	61	61	61	61	61	61	61	61
28	Round Trips-Substation-Trucks	4	4	4	4	4	4	4	4	4	4	4	4	4	4
154	Round Trips-Transmission-Worker	88	88	88	63	63	63	63	63	63	63	63	63	63	63
30	Round Trips-Transmission-Trucks	11	11	11	11	11	11	11	11	11	11	11	11	11	11
79	Round Trips-Other-Worker	64	64	64	64	64	64	64	64	64	64	64	64	64	64
18	Round Trips-Other-Trucks	13	13	13	13	13	13	13	13	13	13	13	13	13	13
52	Round Trips-Misc-Worker	-	-	-	32	32	32	32	32	32	32	32	32	32	32
5	Round Trips-Misc-Trucks	-	-	-	1	1	1	1	1	1	1	1	1	1	1
292	Round Trips-All-Worker	213	213	213	220	220	220	220	220	220	220	220	220	220	220
57	Round Trips-All-Trucks	28	28	28	29	29	29	29	29	29	29	29	29	29	29
33,400	VMT-All-Worker	24,600	24,600	24,600	25,120	25,120	25,120	25,120	25,120	25,120	25,120	25,120	25,120	25,120	25,120
5,800	VMT-All-Trucks	2,800	2,800	2,800	2,880	2,880	2,880	2,880	2,880	2,880	2,880	2,880	2,880	2,880	2,880
38,560	VMT-All-All	27,400	27,400	27,400	28,000	28,000	28,000	28,000	28,000	28,000	28,000	28,000	28,000	28,000	28,000

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	10/29/2027	10/30/2027	10/31/2027	11/1/2027	11/2/2027	11/3/2027	11/4/2027	11/5/2027	11/6/2027	11/7/2027	11/8/2027	11/9/2027	11/10/2027	11/11/2027
162	Workforce	100	100	100	99	99	99	99	99	99	99	99	99	99	99
86	Round Trips-Substation-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
116	Round Trips-Transmission-Worker	50	50	50	25	25	25	25	25	25	25	25	25	25	25
18	Round Trips-Transmission-Trucks	8	8	8	8	8	8	8	8	8	8	8	8	8	8
35	Round Trips-Other-Worker	20	20	20	20	20	20	20	20	20	20	20	20	20	20
6	Round Trips-Other-Trucks	1	1	1	1	1	1	1	1	1	1	1	1	1	1
52	Round Trips-Misc-Worker	-	-	-	32	32	32	32	32	32	32	32	32	32	32
5	Round Trips-Misc-Trucks	-	-	-	1	1	1	1	1	1	1	1	1	1	1
189	Round Trips-All-Worker	108	108	108	115	115	115	115	115	115	115	115	115	115	115
28	Round Trips-All-Trucks	11	11	11	12	12	12	12	12	12	12	12	12	12	12
21,600	VMT-All-Worker	12,640	12,640	12,640	13,160	13,160	13,160	13,160	13,160	13,160	13,160	13,160	13,160	13,160	13,160
2,480	VMT-All-Trucks	1,040	1,040	1,040	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
23,560	VMT-All-All	13,680	13,680	13,680	14,280	14,280	14,280	14,280	14,280	14,280	14,280	14,280	14,280	14,280	14,280

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	10/29/2027	10/30/2027	10/31/2027	11/1/2027	11/2/2027	11/3/2027	11/4/2027	11/5/2027	11/6/2027	11/7/2027	11/8/2027	11/9/2027	11/10/2027	11/11/2027
79	Workforce	75	75	75	75	75	75	75	75	75	75	75	75	75	75
44	Round Trips-Substation-Worker	23	23	23	23	23	23	23	23	23	23	23	23	23	23
9	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
42	Round Trips-Transmission-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
12	Round Trips-Transmission-Trucks	3	3	3	3	3	3	3	3	3	3	3	3	3	3
44	Round Trips-Other-Worker	44	44	44	44	44	44	44	44	44	44	44	44	44	44
12	Round Trips-Other-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	105	105	105	105	105	105	105	105	105	105	105	105	105	105
31	Round Trips-All-Trucks	17	17	17	17	17	17	17	17	17	17	17	17	17	17
12,440	VMT-All-Worker	11,960	11,960	11,960	11,960	11,960	11,960	11,960	11,960	11,960	11,960	11,960	11,960	11,960	11,960
3,320	VMT-All-Trucks	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760
15,000	VMT-All-All	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720

Table 86: Daily Workforce and Traffic

Max	Type	11/12/2027	11/13/2027	11/14/2027	11/15/2027	11/16/2027	11/17/2027	11/18/2027	11/19/2027	11/20/2027	11/21/2027	11/22/2027	11/23/2027	11/24/2027	11/25/2027
237	Workforce	174	174	174	174	174	174	174	174	144	144	144	144	144	144
107	Round Trips-Substation-Worker	61	61	61	61	61	61	61	61	61	61	61	61	61	61
28	Round Trips-Substation-Trucks	4	4	4	4	4	4	4	4	4	4	4	4	4	4
154	Round Trips-Transmission-Worker	63	63	63	63	63	63	63	63	25	25	25	25	25	25
30	Round Trips-Transmission-Trucks	11	11	11	11	11	11	11	11	8	8	8	8	8	8
79	Round Trips-Other-Worker	64	64	64	64	64	64	64	64	64	64	64	64	64	64
18	Round Trips-Other-Trucks	13	13	13	13	13	13	13	13	13	13	13	13	13	13
52	Round Trips-Misc-Worker	32	32	32	32	32	32	32	32	32	32	32	32	32	32
5	Round Trips-Misc-Trucks	1	1	1	1	1	1	1	1	1	1	1	1	1	1
292	Round Trips-All-Worker	220	220	220	220	220	220	220	220	182	182	182	182	182	182
57	Round Trips-All-Trucks	29	29	29	29	29	29	29	29	26	26	26	26	26	26
33,400	VMT-All-Worker	25,120	25,120	25,120	25,120	25,120	25,120	25,120	25,120	20,720	20,720	20,720	20,720	20,720	20,720
5,800	VMT-All-Trucks	2,880	2,880	2,880	2,880	2,880	2,880	2,880	2,880	2,560	2,560	2,560	2,560	2,560	2,560
38,560	VMT-All-All	28,000	28,000	28,000	28,000	28,000	28,000	28,000	28,000	23,280	23,280	23,280	23,280	23,280	23,280

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	11/12/2027	11/13/2027	11/14/2027	11/15/2027	11/16/2027	11/17/2027	11/18/2027	11/19/2027	11/20/2027	11/21/2027	11/22/2027	11/23/2027	11/24/2027	11/25/2027
162	Workforce	99	99	99	99	99	99	99	99	99	99	99	99	99	99
86	Round Trips-Substation-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
116	Round Trips-Transmission-Worker	25	25	25	25	25	25	25	25	25	25	25	25	25	25
18	Round Trips-Transmission-Trucks	8	8	8	8	8	8	8	8	8	8	8	8	8	8
35	Round Trips-Other-Worker	20	20	20	20	20	20	20	20	20	20	20	20	20	20
6	Round Trips-Other-Trucks	1	1	1	1	1	1	1	1	1	1	1	1	1	1
52	Round Trips-Misc-Worker	32	32	32	32	32	32	32	32	32	32	32	32	32	32
5	Round Trips-Misc-Trucks	1	1	1	1	1	1	1	1	1	1	1	1	1	1
189	Round Trips-All-Worker	115	115	115	115	115	115	115	115	115	115	115	115	115	115
28	Round Trips-All-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
21,600	VMT-All-Worker	13,160	13,160	13,160	13,160	13,160	13,160	13,160	13,160	13,160	13,160	13,160	13,160	13,160	13,160
2,480	VMT-All-Trucks	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120
23,560	VMT-All-All	14,280	14,280	14,280	14,280	14,280	14,280	14,280	14,280	14,280	14,280	14,280	14,280	14,280	14,280

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	11/12/2027	11/13/2027	11/14/2027	11/15/2027	11/16/2027	11/17/2027	11/18/2027	11/19/2027	11/20/2027	11/21/2027	11/22/2027	11/23/2027	11/24/2027	11/25/2027
79	Workforce	75	75	75	75	75	75	75	75	45	45	45	45	45	45
44	Round Trips-Substation-Worker	23	23	23	23	23	23	23	23	23	23	23	23	23	23
9	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
42	Round Trips-Transmission-Worker	38	38	38	38	38	38	38	38	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	3	3	3	3	3	3	3	3	-	-	-	-	-	-
44	Round Trips-Other-Worker	44	44	44	44	44	44	44	44	44	44	44	44	44	44
12	Round Trips-Other-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	105	105	105	105	105	105	105	105	67	67	67	67	67	67
31	Round Trips-All-Trucks	17	17	17	17	17	17	17	17	14	14	14	14	14	14
12,440	VMT-All-Worker	11,960	11,960	11,960	11,960	11,960	11,960	11,960	11,960	7,560	7,560	7,560	7,560	7,560	7,560
3,320	VMT-All-Trucks	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,760	1,440	1,440	1,440	1,440	1,440	1,440
15,000	VMT-All-All	13,720	13,720	13,720	13,720	13,720	13,720	13,720	13,720	9,000	9,000	9,000	9,000	9,000	9,000

Table 86: Daily Workforce and Traffic

Max	Type	11/26/2027	11/27/2027	11/28/2027	11/29/2027	11/30/2027	12/1/2027	12/2/2027	12/3/2027	12/4/2027	12/5/2027	12/6/2027	12/7/2027	12/8/2027	12/9/2027
237	Workforce	144	144	144	144	144	99	99	99	99	99	99	99	99	99
107	Round Trips-Substation-Worker	61	61	61	61	61	61	61	61	61	61	61	61	61	61
28	Round Trips-Substation-Trucks	4	4	4	4	4	4	4	4	4	4	4	4	4	4
154	Round Trips-Transmission-Worker	25	25	25	25	25	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	8	8	8	8	8	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	64	64	64	64	64	44	44	44	44	44	44	44	44	44
18	Round Trips-Other-Trucks	13	13	13	13	13	12	12	12	12	12	12	12	12	12
52	Round Trips-Misc-Worker	32	32	32	32	32	32	32	32	32	32	32	32	32	32
5	Round Trips-Misc-Trucks	1	1	1	1	1	1	1	1	1	1	1	1	1	1
292	Round Trips-All-Worker	182	182	182	182	182	137	137	137	137	137	137	137	137	137
57	Round Trips-All-Trucks	26	26	26	26	26	17	17	17	17	17	17	17	17	17
33,400	VMT-All-Worker	20,720	20,720	20,720	20,720	20,720	15,320	15,320	15,320	15,320	15,320	15,320	15,320	15,320	15,320
5,800	VMT-All-Trucks	2,560	2,560	2,560	2,560	2,560	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680
38,560	VMT-All-All	23,280	23,280	23,280	23,280	23,280	17,000	17,000	17,000	17,000	17,000	17,000	17,000	17,000	17,000

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	11/26/2027	11/27/2027	11/28/2027	11/29/2027	11/30/2027	12/1/2027	12/2/2027	12/3/2027	12/4/2027	12/5/2027	12/6/2027	12/7/2027	12/8/2027	12/9/2027
162	Workforce	99	99	99	99	99	54	54	54	54	54	54	54	54	54
86	Round Trips-Substation-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
116	Round Trips-Transmission-Worker	25	25	25	25	25	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	8	8	8	8	8	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	20	20	20	20	20	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	1	1	1	1	1	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	32	32	32	32	32	32	32	32	32	32	32	32	32	32
5	Round Trips-Misc-Trucks	1	1	1	1	1	1	1	1	1	1	1	1	1	1
189	Round Trips-All-Worker	115	115	115	115	115	70	70	70	70	70	70	70	70	70
28	Round Trips-All-Trucks	12	12	12	12	12	3	3	3	3	3	3	3	3	3
21,600	VMT-All-Worker	13,160	13,160	13,160	13,160	13,160	7,760	7,760	7,760	7,760	7,760	7,760	7,760	7,760	7,760
2,480	VMT-All-Trucks	1,120	1,120	1,120	1,120	1,120	240	240	240	240	240	240	240	240	240
23,560	VMT-All-All	14,280	14,280	14,280	14,280	14,280	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	11/26/2027	11/27/2027	11/28/2027	11/29/2027	11/30/2027	12/1/2027	12/2/2027	12/3/2027	12/4/2027	12/5/2027	12/6/2027	12/7/2027	12/8/2027	12/9/2027
79	Workforce	45	45	45	45	45	45	45	45	45	45	45	45	45	45
44	Round Trips-Substation-Worker	23	23	23	23	23	23	23	23	23	23	23	23	23	23
9	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	44	44	44	44	44	44	44	44	44	44	44	44	44	44
12	Round Trips-Other-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	67	67	67	67	67	67	67	67	67	67	67	67	67	67
31	Round Trips-All-Trucks	14	14	14	14	14	14	14	14	14	14	14	14	14	14
12,440	VMT-All-Worker	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560
3,320	VMT-All-Trucks	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440
15,000	VMT-All-All	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000

Table 86: Daily Workforce and Traffic

Max	Type	12/10/2027	12/11/2027	12/12/2027	12/13/2027	12/14/2027	12/15/2027	12/16/2027	12/17/2027	12/18/2027	12/19/2027	12/20/2027	12/21/2027	12/22/2027	12/23/2027
237	Workforce	99	99	99	99	99	99	99	99	99	99	99	99	99	99
107	Round Trips-Substation-Worker	61	61	61	61	61	61	61	61	61	61	61	61	61	61
28	Round Trips-Substation-Trucks	4	4	4	4	4	4	4	4	4	4	4	4	4	4
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	44	44	44	44	44	44	44	44	44	44	44	44	44	44
18	Round Trips-Other-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
52	Round Trips-Misc-Worker	32	32	32	32	32	32	32	32	32	32	32	32	32	32
5	Round Trips-Misc-Trucks	1	1	1	1	1	1	1	1	1	1	1	1	1	1
292	Round Trips-All-Worker	137	137	137	137	137	137	137	137	137	137	137	137	137	137
57	Round Trips-All-Trucks	17	17	17	17	17	17	17	17	17	17	17	17	17	17
33,400	VMT-All-Worker	15,320	15,320	15,320	15,320	15,320	15,320	15,320	15,320	15,320	15,320	15,320	15,320	15,320	15,320
5,800	VMT-All-Trucks	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680
38,560	VMT-All-All	17,000	17,000	17,000	17,000	17,000	17,000	17,000	17,000	17,000	17,000	17,000	17,000	17,000	17,000

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	12/10/2027	12/11/2027	12/12/2027	12/13/2027	12/14/2027	12/15/2027	12/16/2027	12/17/2027	12/18/2027	12/19/2027	12/20/2027	12/21/2027	12/22/2027	12/23/2027
162	Workforce	54	54	54	54	54	54	54	54	54	54	54	54	54	54
86	Round Trips-Substation-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	32	32	32	32	32	32	32	32	32	32	32	32	32	32
5	Round Trips-Misc-Trucks	1	1	1	1	1	1	1	1	1	1	1	1	1	1
189	Round Trips-All-Worker	70	70	70	70	70	70	70	70	70	70	70	70	70	70
28	Round Trips-All-Trucks	3	3	3	3	3	3	3	3	3	3	3	3	3	3
21,600	VMT-All-Worker	7,760	7,760	7,760	7,760	7,760	7,760	7,760	7,760	7,760	7,760	7,760	7,760	7,760	7,760
2,480	VMT-All-Trucks	240	240	240	240	240	240	240	240	240	240	240	240	240	240
23,560	VMT-All-All	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	12/10/2027	12/11/2027	12/12/2027	12/13/2027	12/14/2027	12/15/2027	12/16/2027	12/17/2027	12/18/2027	12/19/2027	12/20/2027	12/21/2027	12/22/2027	12/23/2027
79	Workforce	45	45	45	45	45	45	45	45	45	45	45	45	45	45
44	Round Trips-Substation-Worker	23	23	23	23	23	23	23	23	23	23	23	23	23	23
9	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	44	44	44	44	44	44	44	44	44	44	44	44	44	44
12	Round Trips-Other-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	67	67	67	67	67	67	67	67	67	67	67	67	67	67
31	Round Trips-All-Trucks	14	14	14	14	14	14	14	14	14	14	14	14	14	14
12,440	VMT-All-Worker	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560
3,320	VMT-All-Trucks	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440
15,000	VMT-All-All	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000

Table 86: Daily Workforce and Traffic

Max	Type	12/24/2027	12/25/2027	12/26/2027	12/27/2027	12/28/2027	12/29/2027	12/30/2027	12/31/2027	1/1/2028	1/2/2028	1/3/2028	1/4/2028	1/5/2028	1/6/2028
237	Workforce	99	99	99	99	99	99	99	99	99	99	99	99	99	99
107	Round Trips-Substation-Worker	61	61	61	61	61	61	61	61	61	61	61	61	61	61
28	Round Trips-Substation-Trucks	4	4	4	4	4	4	4	4	4	4	4	4	4	4
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	44	44	44	44	44	44	44	44	44	44	44	44	44	44
18	Round Trips-Other-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
52	Round Trips-Misc-Worker	32	32	32	32	32	32	32	32	32	32	32	32	32	32
5	Round Trips-Misc-Trucks	1	1	1	1	1	1	1	1	1	1	1	1	1	1
292	Round Trips-All-Worker	137	137	137	137	137	137	137	137	137	137	137	137	137	137
57	Round Trips-All-Trucks	17	17	17	17	17	17	17	17	17	17	17	17	17	17
33,400	VMT-All-Worker	15,320	15,320	15,320	15,320	15,320	15,320	15,320	15,320	15,320	15,320	15,320	15,320	15,320	15,320
5,800	VMT-All-Trucks	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680
38,560	VMT-All-All	17,000	17,000	17,000	17,000	17,000	17,000	17,000	17,000	17,000	17,000	17,000	17,000	17,000	17,000

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	12/24/2027	12/25/2027	12/26/2027	12/27/2027	12/28/2027	12/29/2027	12/30/2027	12/31/2027	1/1/2028	1/2/2028	1/3/2028	1/4/2028	1/5/2028	1/6/2028
162	Workforce	54	54	54	54	54	54	54	54	54	54	54	54	54	54
86	Round Trips-Substation-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	32	32	32	32	32	32	32	32	32	32	32	32	32	32
5	Round Trips-Misc-Trucks	1	1	1	1	1	1	1	1	1	1	1	1	1	1
189	Round Trips-All-Worker	70	70	70	70	70	70	70	70	70	70	70	70	70	70
28	Round Trips-All-Trucks	3	3	3	3	3	3	3	3	3	3	3	3	3	3
21,600	VMT-All-Worker	7,760	7,760	7,760	7,760	7,760	7,760	7,760	7,760	7,760	7,760	7,760	7,760	7,760	7,760
2,480	VMT-All-Trucks	240	240	240	240	240	240	240	240	240	240	240	240	240	240
23,560	VMT-All-All	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	12/24/2027	12/25/2027	12/26/2027	12/27/2027	12/28/2027	12/29/2027	12/30/2027	12/31/2027	1/1/2028	1/2/2028	1/3/2028	1/4/2028	1/5/2028	1/6/2028
79	Workforce	45	45	45	45	45	45	45	45	45	45	45	45	45	45
44	Round Trips-Substation-Worker	23	23	23	23	23	23	23	23	23	23	23	23	23	23
9	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	44	44	44	44	44	44	44	44	44	44	44	44	44	44
12	Round Trips-Other-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	67	67	67	67	67	67	67	67	67	67	67	67	67	67
31	Round Trips-All-Trucks	14	14	14	14	14	14	14	14	14	14	14	14	14	14
12,440	VMT-All-Worker	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560
3,320	VMT-All-Trucks	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440
15,000	VMT-All-All	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000

Table 86: Daily Workforce and Traffic

Max	Type	1/7/2028	1/8/2028	1/9/2028	1/10/2028	1/11/2028	1/12/2028	1/13/2028	1/14/2028	1/15/2028	1/16/2028	1/17/2028	1/18/2028	1/19/2028	1/20/2028
237	Workforce	99	99	99	99	99	99	99	99	99	99	99	133	133	133
107	Round Trips-Substation-Worker	61	61	61	61	61	61	61	61	61	61	61	61	61	61
28	Round Trips-Substation-Trucks	4	4	4	4	4	4	4	4	4	4	4	4	4	4
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	42	42	42
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	2	2	2
79	Round Trips-Other-Worker	44	44	44	44	44	44	44	44	44	44	44	44	44	44
18	Round Trips-Other-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
52	Round Trips-Misc-Worker	32	32	32	32	32	32	32	32	32	32	32	32	32	32
5	Round Trips-Misc-Trucks	1	1	1	1	1	1	1	1	1	1	1	1	1	1
292	Round Trips-All-Worker	137	137	137	137	137	137	137	137	137	137	137	179	179	179
57	Round Trips-All-Trucks	17	17	17	17	17	17	17	17	17	17	17	19	19	19
33,400	VMT-All-Worker	15,320	15,320	15,320	15,320	15,320	15,320	15,320	15,320	15,320	15,320	15,320	20,200	20,200	20,200
5,800	VMT-All-Trucks	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,880	1,880	1,880
38,560	VMT-All-All	17,000	17,000	17,000	17,000	17,000	17,000	17,000	17,000	17,000	17,000	17,000	22,080	22,080	22,080

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	1/7/2028	1/8/2028	1/9/2028	1/10/2028	1/11/2028	1/12/2028	1/13/2028	1/14/2028	1/15/2028	1/16/2028	1/17/2028	1/18/2028	1/19/2028	1/20/2028
162	Workforce	54	54	54	54	54	54	54	54	54	54	54	54	54	54
86	Round Trips-Substation-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	32	32	32	32	32	32	32	32	32	32	32	32	32	32
5	Round Trips-Misc-Trucks	1	1	1	1	1	1	1	1	1	1	1	1	1	1
189	Round Trips-All-Worker	70	70	70	70	70	70	70	70	70	70	70	70	70	70
28	Round Trips-All-Trucks	3	3	3	3	3	3	3	3	3	3	3	3	3	3
21,600	VMT-All-Worker	7,760	7,760	7,760	7,760	7,760	7,760	7,760	7,760	7,760	7,760	7,760	7,760	7,760	7,760
2,480	VMT-All-Trucks	240	240	240	240	240	240	240	240	240	240	240	240	240	240
23,560	VMT-All-All	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	1/7/2028	1/8/2028	1/9/2028	1/10/2028	1/11/2028	1/12/2028	1/13/2028	1/14/2028	1/15/2028	1/16/2028	1/17/2028	1/18/2028	1/19/2028	1/20/2028
79	Workforce	45	45	45	45	45	45	45	45	45	45	45	79	79	79
44	Round Trips-Substation-Worker	23	23	23	23	23	23	23	23	23	23	23	23	23	23
9	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	42	42	42
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	2	2	2
44	Round Trips-Other-Worker	44	44	44	44	44	44	44	44	44	44	44	44	44	44
12	Round Trips-Other-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	67	67	67	67	67	67	67	67	67	67	67	109	109	109
31	Round Trips-All-Trucks	14	14	14	14	14	14	14	14	14	14	14	16	16	16
12,440	VMT-All-Worker	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	12,440	12,440	12,440
3,320	VMT-All-Trucks	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,640	1,640	1,640
15,000	VMT-All-All	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	14,080	14,080	14,080

Table 86: Daily Workforce and Traffic

Max	Type	1/21/2028	1/22/2028	1/23/2028	1/24/2028	1/25/2028	1/26/2028	1/27/2028	1/28/2028	1/29/2028	1/30/2028	1/31/2028	2/1/2028	2/2/2028	2/3/2028
237	Workforce	133	133	133	133	133	133	133	133	133	133	133	145	130	130
107	Round Trips-Substation-Worker	61	61	61	61	61	61	61	61	61	61	61	61	38	38
28	Round Trips-Substation-Trucks	4	4	4	4	4	4	4	4	4	4	4	4	2	2
154	Round Trips-Transmission-Worker	42	42	42	42	42	42	42	42	42	42	42	42	42	42
30	Round Trips-Transmission-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
79	Round Trips-Other-Worker	44	44	44	44	44	44	44	44	44	44	44	44	44	44
18	Round Trips-Other-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
52	Round Trips-Misc-Worker	32	32	32	32	32	32	32	32	32	32	32	52	52	52
5	Round Trips-Misc-Trucks	1	1	1	1	1	1	1	1	1	1	1	5	5	5
292	Round Trips-All-Worker	179	179	179	179	179	179	179	179	179	179	179	199	176	176
57	Round Trips-All-Trucks	19	19	19	19	19	19	19	19	19	19	19	23	21	21
33,400	VMT-All-Worker	20,200	20,200	20,200	20,200	20,200	20,200	20,200	20,200	20,200	20,200	20,200	22,280	19,680	19,680
5,800	VMT-All-Trucks	1,880	1,880	1,880	1,880	1,880	1,880	1,880	1,880	1,880	1,880	1,880	2,200	2,000	2,000
38,560	VMT-All-All	22,080	22,080	22,080	22,080	22,080	22,080	22,080	22,080	22,080	22,080	22,080	24,480	21,680	21,680

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	1/21/2028	1/22/2028	1/23/2028	1/24/2028	1/25/2028	1/26/2028	1/27/2028	1/28/2028	1/29/2028	1/30/2028	1/31/2028	2/1/2028	2/2/2028	2/3/2028
162	Workforce	54	54	54	54	54	54	54	54	54	54	54	66	66	66
86	Round Trips-Substation-Worker	38	38	38	38	38	38	38	38	38	38	38	38	38	38
28	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	32	32	32	32	32	32	32	32	32	32	32	52	52	52
5	Round Trips-Misc-Trucks	1	1	1	1	1	1	1	1	1	1	1	5	5	5
189	Round Trips-All-Worker	70	70	70	70	70	70	70	70	70	70	70	90	90	90
28	Round Trips-All-Trucks	3	3	3	3	3	3	3	3	3	3	3	7	7	7
21,600	VMT-All-Worker	7,760	7,760	7,760	7,760	7,760	7,760	7,760	7,760	7,760	7,760	7,760	9,840	9,840	9,840
2,480	VMT-All-Trucks	240	240	240	240	240	240	240	240	240	240	240	560	560	560
23,560	VMT-All-All	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	10,400	10,400	10,400

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	1/21/2028	1/22/2028	1/23/2028	1/24/2028	1/25/2028	1/26/2028	1/27/2028	1/28/2028	1/29/2028	1/30/2028	1/31/2028	2/1/2028	2/2/2028	2/3/2028
79	Workforce	79	79	79	79	79	79	79	79	79	79	79	79	64	64
44	Round Trips-Substation-Worker	23	23	23	23	23	23	23	23	23	23	23	23	-	-
9	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	-	-
42	Round Trips-Transmission-Worker	42	42	42	42	42	42	42	42	42	42	42	42	42	42
12	Round Trips-Transmission-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
44	Round Trips-Other-Worker	44	44	44	44	44	44	44	44	44	44	44	44	44	44
12	Round Trips-Other-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	109	109	109	109	109	109	109	109	109	109	109	109	86	86
31	Round Trips-All-Trucks	16	16	16	16	16	16	16	16	16	16	16	16	14	14
12,440	VMT-All-Worker	12,440	12,440	12,440	12,440	12,440	12,440	12,440	12,440	12,440	12,440	12,440	12,440	9,840	9,840
3,320	VMT-All-Trucks	1,640	1,640	1,640	1,640	1,640	1,640	1,640	1,640	1,640	1,640	1,640	1,640	1,440	1,440
15,000	VMT-All-All	14,080	14,080	14,080	14,080	14,080	14,080	14,080	14,080	14,080	14,080	14,080	14,080	11,280	11,280

Table 86: Daily Workforce and Traffic

Max	Type	2/4/2028	2/5/2028	2/6/2028	2/7/2028	2/8/2028	2/9/2028	2/10/2028	2/11/2028	2/12/2028	2/13/2028	2/14/2028	2/15/2028	2/16/2028	2/17/2028
237	Workforce	130	130	130	130	130	130	130	130	100	100	100	100	100	100
107	Round Trips-Substation-Worker	38	38	38	38	38	38	38	38	-	-	-	-	-	-
28	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	-	-	-	-	-	-
154	Round Trips-Transmission-Worker	42	42	42	42	42	42	42	42	42	42	42	42	42	42
30	Round Trips-Transmission-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
79	Round Trips-Other-Worker	44	44	44	44	44	44	44	44	44	44	44	44	44	44
18	Round Trips-Other-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
52	Round Trips-Misc-Worker	52	52	52	52	52	52	52	52	52	52	52	52	52	52
5	Round Trips-Misc-Trucks	5	5	5	5	5	5	5	5	5	5	5	5	5	5
292	Round Trips-All-Worker	176	176	176	176	176	176	176	176	138	138	138	138	138	138
57	Round Trips-All-Trucks	21	21	21	21	21	21	21	21	19	19	19	19	19	19
33,400	VMT-All-Worker	19,680	19,680	19,680	19,680	19,680	19,680	19,680	19,680	15,440	15,440	15,440	15,440	15,440	15,440
5,800	VMT-All-Trucks	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	1,840	1,840	1,840	1,840	1,840	1,840
38,560	VMT-All-All	21,680	21,680	21,680	21,680	21,680	21,680	21,680	21,680	17,280	17,280	17,280	17,280	17,280	17,280

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	2/4/2028	2/5/2028	2/6/2028	2/7/2028	2/8/2028	2/9/2028	2/10/2028	2/11/2028	2/12/2028	2/13/2028	2/14/2028	2/15/2028	2/16/2028	2/17/2028
162	Workforce	66	66	66	66	66	66	66	66	36	36	36	36	36	36
86	Round Trips-Substation-Worker	38	38	38	38	38	38	38	38	-	-	-	-	-	-
28	Round Trips-Substation-Trucks	2	2	2	2	2	2	2	2	-	-	-	-	-	-
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	52	52	52	52	52	52	52	52	52	52	52	52	52	52
5	Round Trips-Misc-Trucks	5	5	5	5	5	5	5	5	5	5	5	5	5	5
189	Round Trips-All-Worker	90	90	90	90	90	90	90	90	52	52	52	52	52	52
28	Round Trips-All-Trucks	7	7	7	7	7	7	7	7	5	5	5	5	5	5
21,600	VMT-All-Worker	9,840	9,840	9,840	9,840	9,840	9,840	9,840	9,840	5,600	5,600	5,600	5,600	5,600	5,600
2,480	VMT-All-Trucks	560	560	560	560	560	560	560	560	400	400	400	400	400	400
23,560	VMT-All-All	10,400	10,400	10,400	10,400	10,400	10,400	10,400	10,400	6,000	6,000	6,000	6,000	6,000	6,000

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	2/4/2028	2/5/2028	2/6/2028	2/7/2028	2/8/2028	2/9/2028	2/10/2028	2/11/2028	2/12/2028	2/13/2028	2/14/2028	2/15/2028	2/16/2028	2/17/2028
79	Workforce	64	64	64	64	64	64	64	64	64	64	64	64	64	64
44	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Round Trips-Transmission-Worker	42	42	42	42	42	42	42	42	42	42	42	42	42	42
12	Round Trips-Transmission-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	2	2
44	Round Trips-Other-Worker	44	44	44	44	44	44	44	44	44	44	44	44	44	44
12	Round Trips-Other-Trucks	12	12	12	12	12	12	12	12	12	12	12	12	12	12
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	86	86	86	86	86	86	86	86	86	86	86	86	86	86
31	Round Trips-All-Trucks	14	14	14	14	14	14	14	14	14	14	14	14	14	14
12,440	VMT-All-Worker	9,840	9,840	9,840	9,840	9,840	9,840	9,840	9,840	9,840	9,840	9,840	9,840	9,840	9,840
3,320	VMT-All-Trucks	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440
15,000	VMT-All-All	11,280	11,280	11,280	11,280	11,280	11,280	11,280	11,280	11,280	11,280	11,280	11,280	11,280	11,280

Table 86: Daily Workforce and Traffic

Max	Type	2/18/2028	2/19/2028	2/20/2028	2/21/2028	2/22/2028	2/23/2028	2/24/2028	2/25/2028	2/26/2028	2/27/2028	2/28/2028	2/29/2028	3/1/2028	3/2/2028
237	Workforce	100	100	100	100	100	100	100	100	100	100	100	85	51	51
107	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
154	Round Trips-Transmission-Worker	42	42	42	42	42	42	42	42	42	42	42	42	-	-
30	Round Trips-Transmission-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	-	-
79	Round Trips-Other-Worker	44	44	44	44	44	44	44	44	44	44	44	21	21	21
18	Round Trips-Other-Trucks	12	12	12	12	12	12	12	12	12	12	12	10	10	10
52	Round Trips-Misc-Worker	52	52	52	52	52	52	52	52	52	52	52	52	52	52
5	Round Trips-Misc-Trucks	5	5	5	5	5	5	5	5	5	5	5	5	5	5
292	Round Trips-All-Worker	138	138	138	138	138	138	138	138	138	138	138	115	73	73
57	Round Trips-All-Trucks	19	19	19	19	19	19	19	19	19	19	19	17	15	15
33,400	VMT-All-Worker	15,440	15,440	15,440	15,440	15,440	15,440	15,440	15,440	15,440	15,440	15,440	12,840	7,960	7,960
5,800	VMT-All-Trucks	1,840	1,840	1,840	1,840	1,840	1,840	1,840	1,840	1,840	1,840	1,840	1,640	1,440	1,440
38,560	VMT-All-All	17,280	17,280	17,280	17,280	17,280	17,280	17,280	17,280	17,280	17,280	17,280	14,480	9,400	9,400

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	2/18/2028	2/19/2028	2/20/2028	2/21/2028	2/22/2028	2/23/2028	2/24/2028	2/25/2028	2/26/2028	2/27/2028	2/28/2028	2/29/2028	3/1/2028	3/2/2028
162	Workforce	36	36	36	36	36	36	36	36	36	36	36	36	36	36
86	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	52	52	52	52	52	52	52	52	52	52	52	52	52	52
5	Round Trips-Misc-Trucks	5	5	5	5	5	5	5	5	5	5	5	5	5	5
189	Round Trips-All-Worker	52	52	52	52	52	52	52	52	52	52	52	52	52	52
28	Round Trips-All-Trucks	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21,600	VMT-All-Worker	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600
2,480	VMT-All-Trucks	400	400	400	400	400	400	400	400	400	400	400	400	400	400
23,560	VMT-All-All	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	2/18/2028	2/19/2028	2/20/2028	2/21/2028	2/22/2028	2/23/2028	2/24/2028	2/25/2028	2/26/2028	2/27/2028	2/28/2028	2/29/2028	3/1/2028	3/2/2028
79	Workforce	64	64	64	64	64	64	64	64	64	64	64	49	15	15
44	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Round Trips-Transmission-Worker	42	42	42	42	42	42	42	42	42	42	42	42	-	-
12	Round Trips-Transmission-Trucks	2	2	2	2	2	2	2	2	2	2	2	2	-	-
44	Round Trips-Other-Worker	44	44	44	44	44	44	44	44	44	44	44	21	21	21
12	Round Trips-Other-Trucks	12	12	12	12	12	12	12	12	12	12	12	10	10	10
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	86	86	86	86	86	86	86	86	86	86	86	63	21	21
31	Round Trips-All-Trucks	14	14	14	14	14	14	14	14	14	14	14	12	10	10
12,440	VMT-All-Worker	9,840	9,840	9,840	9,840	9,840	9,840	9,840	9,840	9,840	9,840	9,840	7,240	2,360	2,360
3,320	VMT-All-Trucks	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,240	1,040	1,040
15,000	VMT-All-All	11,280	11,280	11,280	11,280	11,280	11,280	11,280	11,280	11,280	11,280	11,280	8,480	3,400	3,400

Table 86: Daily Workforce and Traffic

Max	Type	3/3/2028	3/4/2028	3/5/2028	3/6/2028	3/7/2028	3/8/2028	3/9/2028	3/10/2028	3/11/2028	3/12/2028	3/13/2028	3/14/2028	3/15/2028	3/16/2028
237	Workforce	51	51	51	51	51	51	51	51	51	51	51	51	51	51
107	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
18	Round Trips-Other-Trucks	10	10	10	10	10	10	10	10	10	10	10	10	10	10
52	Round Trips-Misc-Worker	52	52	52	52	52	52	52	52	52	52	52	52	52	52
5	Round Trips-Misc-Trucks	5	5	5	5	5	5	5	5	5	5	5	5	5	5
292	Round Trips-All-Worker	73	73	73	73	73	73	73	73	73	73	73	73	73	73
57	Round Trips-All-Trucks	15	15	15	15	15	15	15	15	15	15	15	15	15	15
33,400	VMT-All-Worker	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960
5,800	VMT-All-Trucks	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440
38,560	VMT-All-All	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	3/3/2028	3/4/2028	3/5/2028	3/6/2028	3/7/2028	3/8/2028	3/9/2028	3/10/2028	3/11/2028	3/12/2028	3/13/2028	3/14/2028	3/15/2028	3/16/2028
162	Workforce	36	36	36	36	36	36	36	36	36	36	36	36	36	36
86	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	52	52	52	52	52	52	52	52	52	52	52	52	52	52
5	Round Trips-Misc-Trucks	5	5	5	5	5	5	5	5	5	5	5	5	5	5
189	Round Trips-All-Worker	52	52	52	52	52	52	52	52	52	52	52	52	52	52
28	Round Trips-All-Trucks	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21,600	VMT-All-Worker	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600
2,480	VMT-All-Trucks	400	400	400	400	400	400	400	400	400	400	400	400	400	400
23,560	VMT-All-All	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	3/3/2028	3/4/2028	3/5/2028	3/6/2028	3/7/2028	3/8/2028	3/9/2028	3/10/2028	3/11/2028	3/12/2028	3/13/2028	3/14/2028	3/15/2028	3/16/2028
79	Workforce	15	15	15	15	15	15	15	15	15	15	15	15	15	15
44	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
12	Round Trips-Other-Trucks	10	10	10	10	10	10	10	10	10	10	10	10	10	10
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
31	Round Trips-All-Trucks	10	10	10	10	10	10	10	10	10	10	10	10	10	10
12,440	VMT-All-Worker	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360
3,320	VMT-All-Trucks	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040
15,000	VMT-All-All	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400

Table 86: Daily Workforce and Traffic

Max	Type	3/17/2028	3/18/2028	3/19/2028	3/20/2028	3/21/2028	3/22/2028	3/23/2028	3/24/2028	3/25/2028	3/26/2028	3/27/2028	3/28/2028	3/29/2028	3/30/2028
237	Workforce	51	51	51	51	51	51	51	51	51	51	51	51	51	51
107	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
18	Round Trips-Other-Trucks	10	10	10	10	10	10	10	10	10	10	10	10	10	10
52	Round Trips-Misc-Worker	52	52	52	52	52	52	52	52	52	52	52	52	52	52
5	Round Trips-Misc-Trucks	5	5	5	5	5	5	5	5	5	5	5	5	5	5
292	Round Trips-All-Worker	73	73	73	73	73	73	73	73	73	73	73	73	73	73
57	Round Trips-All-Trucks	15	15	15	15	15	15	15	15	15	15	15	15	15	15
33,400	VMT-All-Worker	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960
5,800	VMT-All-Trucks	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440
38,560	VMT-All-All	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	3/17/2028	3/18/2028	3/19/2028	3/20/2028	3/21/2028	3/22/2028	3/23/2028	3/24/2028	3/25/2028	3/26/2028	3/27/2028	3/28/2028	3/29/2028	3/30/2028
162	Workforce	36	36	36	36	36	36	36	36	36	36	36	36	36	36
86	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	52	52	52	52	52	52	52	52	52	52	52	52	52	52
5	Round Trips-Misc-Trucks	5	5	5	5	5	5	5	5	5	5	5	5	5	5
189	Round Trips-All-Worker	52	52	52	52	52	52	52	52	52	52	52	52	52	52
28	Round Trips-All-Trucks	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21,600	VMT-All-Worker	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600
2,480	VMT-All-Trucks	400	400	400	400	400	400	400	400	400	400	400	400	400	400
23,560	VMT-All-All	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	3/17/2028	3/18/2028	3/19/2028	3/20/2028	3/21/2028	3/22/2028	3/23/2028	3/24/2028	3/25/2028	3/26/2028	3/27/2028	3/28/2028	3/29/2028	3/30/2028
79	Workforce	15	15	15	15	15	15	15	15	15	15	15	15	15	15
44	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
12	Round Trips-Other-Trucks	10	10	10	10	10	10	10	10	10	10	10	10	10	10
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
31	Round Trips-All-Trucks	10	10	10	10	10	10	10	10	10	10	10	10	10	10
12,440	VMT-All-Worker	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360
3,320	VMT-All-Trucks	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040
15,000	VMT-All-All	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400

Table 86: Daily Workforce and Traffic

Max	Type	3/31/2028	4/1/2028	4/2/2028	4/3/2028	4/4/2028	4/5/2028	4/6/2028	4/7/2028	4/8/2028	4/9/2028	4/10/2028	4/11/2028	4/12/2028	4/13/2028
237	Workforce	51	51	51	51	51	51	51	51	51	51	51	51	51	51
107	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
18	Round Trips-Other-Trucks	10	10	10	10	10	10	10	10	10	10	10	10	10	10
52	Round Trips-Misc-Worker	52	52	52	52	52	52	52	52	52	52	52	52	52	52
5	Round Trips-Misc-Trucks	5	5	5	5	5	5	5	5	5	5	5	5	5	5
292	Round Trips-All-Worker	73	73	73	73	73	73	73	73	73	73	73	73	73	73
57	Round Trips-All-Trucks	15	15	15	15	15	15	15	15	15	15	15	15	15	15
33,400	VMT-All-Worker	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960
5,800	VMT-All-Trucks	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440
38,560	VMT-All-All	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	3/31/2028	4/1/2028	4/2/2028	4/3/2028	4/4/2028	4/5/2028	4/6/2028	4/7/2028	4/8/2028	4/9/2028	4/10/2028	4/11/2028	4/12/2028	4/13/2028
162	Workforce	36	36	36	36	36	36	36	36	36	36	36	36	36	36
86	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	52	52	52	52	52	52	52	52	52	52	52	52	52	52
5	Round Trips-Misc-Trucks	5	5	5	5	5	5	5	5	5	5	5	5	5	5
189	Round Trips-All-Worker	52	52	52	52	52	52	52	52	52	52	52	52	52	52
28	Round Trips-All-Trucks	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21,600	VMT-All-Worker	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600
2,480	VMT-All-Trucks	400	400	400	400	400	400	400	400	400	400	400	400	400	400
23,560	VMT-All-All	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	3/31/2028	4/1/2028	4/2/2028	4/3/2028	4/4/2028	4/5/2028	4/6/2028	4/7/2028	4/8/2028	4/9/2028	4/10/2028	4/11/2028	4/12/2028	4/13/2028
79	Workforce	15	15	15	15	15	15	15	15	15	15	15	15	15	15
44	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
12	Round Trips-Other-Trucks	10	10	10	10	10	10	10	10	10	10	10	10	10	10
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
31	Round Trips-All-Trucks	10	10	10	10	10	10	10	10	10	10	10	10	10	10
12,440	VMT-All-Worker	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360
3,320	VMT-All-Trucks	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040
15,000	VMT-All-All	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400

Table 86: Daily Workforce and Traffic

Max	Type	4/14/2028	4/15/2028	4/16/2028	4/17/2028	4/18/2028	4/19/2028	4/20/2028	4/21/2028	4/22/2028	4/23/2028	4/24/2028	4/25/2028	4/26/2028	4/27/2028
237	Workforce	51	51	51	51	51	51	51	51	51	51	51	51	51	51
107	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
18	Round Trips-Other-Trucks	10	10	10	10	10	10	10	10	10	10	10	10	10	10
52	Round Trips-Misc-Worker	52	52	52	52	52	52	52	52	52	52	52	52	52	52
5	Round Trips-Misc-Trucks	5	5	5	5	5	5	5	5	5	5	5	5	5	5
292	Round Trips-All-Worker	73	73	73	73	73	73	73	73	73	73	73	73	73	73
57	Round Trips-All-Trucks	15	15	15	15	15	15	15	15	15	15	15	15	15	15
33,400	VMT-All-Worker	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960
5,800	VMT-All-Trucks	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440
38,560	VMT-All-All	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	4/14/2028	4/15/2028	4/16/2028	4/17/2028	4/18/2028	4/19/2028	4/20/2028	4/21/2028	4/22/2028	4/23/2028	4/24/2028	4/25/2028	4/26/2028	4/27/2028
162	Workforce	36	36	36	36	36	36	36	36	36	36	36	36	36	36
86	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	52	52	52	52	52	52	52	52	52	52	52	52	52	52
5	Round Trips-Misc-Trucks	5	5	5	5	5	5	5	5	5	5	5	5	5	5
189	Round Trips-All-Worker	52	52	52	52	52	52	52	52	52	52	52	52	52	52
28	Round Trips-All-Trucks	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21,600	VMT-All-Worker	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600
2,480	VMT-All-Trucks	400	400	400	400	400	400	400	400	400	400	400	400	400	400
23,560	VMT-All-All	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	4/14/2028	4/15/2028	4/16/2028	4/17/2028	4/18/2028	4/19/2028	4/20/2028	4/21/2028	4/22/2028	4/23/2028	4/24/2028	4/25/2028	4/26/2028	4/27/2028
79	Workforce	15	15	15	15	15	15	15	15	15	15	15	15	15	15
44	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
12	Round Trips-Other-Trucks	10	10	10	10	10	10	10	10	10	10	10	10	10	10
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
31	Round Trips-All-Trucks	10	10	10	10	10	10	10	10	10	10	10	10	10	10
12,440	VMT-All-Worker	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360
3,320	VMT-All-Trucks	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040
15,000	VMT-All-All	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400

Table 86: Daily Workforce and Traffic

Max	Type	4/28/2028	4/29/2028	4/30/2028	5/1/2028	5/2/2028	5/3/2028	5/4/2028	5/5/2028	5/6/2028	5/7/2028	5/8/2028	5/9/2028	5/10/2028	5/11/2028
237	Workforce	51	51	51	51	51	51	51	51	51	51	51	51	51	51
107	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
18	Round Trips-Other-Trucks	10	10	10	10	10	10	10	10	10	10	10	10	10	10
52	Round Trips-Misc-Worker	52	52	52	52	52	52	52	52	52	52	52	52	52	52
5	Round Trips-Misc-Trucks	5	5	5	5	5	5	5	5	5	5	5	5	5	5
292	Round Trips-All-Worker	73	73	73	73	73	73	73	73	73	73	73	73	73	73
57	Round Trips-All-Trucks	15	15	15	15	15	15	15	15	15	15	15	15	15	15
33,400	VMT-All-Worker	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960
5,800	VMT-All-Trucks	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440
38,560	VMT-All-All	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	4/28/2028	4/29/2028	4/30/2028	5/1/2028	5/2/2028	5/3/2028	5/4/2028	5/5/2028	5/6/2028	5/7/2028	5/8/2028	5/9/2028	5/10/2028	5/11/2028
162	Workforce	36	36	36	36	36	36	36	36	36	36	36	36	36	36
86	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	52	52	52	52	52	52	52	52	52	52	52	52	52	52
5	Round Trips-Misc-Trucks	5	5	5	5	5	5	5	5	5	5	5	5	5	5
189	Round Trips-All-Worker	52	52	52	52	52	52	52	52	52	52	52	52	52	52
28	Round Trips-All-Trucks	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21,600	VMT-All-Worker	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600
2,480	VMT-All-Trucks	400	400	400	400	400	400	400	400	400	400	400	400	400	400
23,560	VMT-All-All	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	4/28/2028	4/29/2028	4/30/2028	5/1/2028	5/2/2028	5/3/2028	5/4/2028	5/5/2028	5/6/2028	5/7/2028	5/8/2028	5/9/2028	5/10/2028	5/11/2028
79	Workforce	15	15	15	15	15	15	15	15	15	15	15	15	15	15
44	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
12	Round Trips-Other-Trucks	10	10	10	10	10	10	10	10	10	10	10	10	10	10
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
31	Round Trips-All-Trucks	10	10	10	10	10	10	10	10	10	10	10	10	10	10
12,440	VMT-All-Worker	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360
3,320	VMT-All-Trucks	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040
15,000	VMT-All-All	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400

Table 86: Daily Workforce and Traffic

Max	Type	5/12/2028	5/13/2028	5/14/2028	5/15/2028	5/16/2028	5/17/2028	5/18/2028	5/19/2028	5/20/2028	5/21/2028	5/22/2028	5/23/2028	5/24/2028	5/25/2028
237	Workforce	51	51	51	51	51	51	51	51	51	51	51	51	51	51
107	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
18	Round Trips-Other-Trucks	10	10	10	10	10	10	10	10	10	10	10	10	10	10
52	Round Trips-Misc-Worker	52	52	52	52	52	52	52	52	52	52	52	52	52	52
5	Round Trips-Misc-Trucks	5	5	5	5	5	5	5	5	5	5	5	5	5	5
292	Round Trips-All-Worker	73	73	73	73	73	73	73	73	73	73	73	73	73	73
57	Round Trips-All-Trucks	15	15	15	15	15	15	15	15	15	15	15	15	15	15
33,400	VMT-All-Worker	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960	7,960
5,800	VMT-All-Trucks	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440
38,560	VMT-All-All	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400	9,400

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	5/12/2028	5/13/2028	5/14/2028	5/15/2028	5/16/2028	5/17/2028	5/18/2028	5/19/2028	5/20/2028	5/21/2028	5/22/2028	5/23/2028	5/24/2028	5/25/2028
162	Workforce	36	36	36	36	36	36	36	36	36	36	36	36	36	36
86	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	52	52	52	52	52	52	52	52	52	52	52	52	52	52
5	Round Trips-Misc-Trucks	5	5	5	5	5	5	5	5	5	5	5	5	5	5
189	Round Trips-All-Worker	52	52	52	52	52	52	52	52	52	52	52	52	52	52
28	Round Trips-All-Trucks	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21,600	VMT-All-Worker	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600
2,480	VMT-All-Trucks	400	400	400	400	400	400	400	400	400	400	400	400	400	400
23,560	VMT-All-All	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	5/12/2028	5/13/2028	5/14/2028	5/15/2028	5/16/2028	5/17/2028	5/18/2028	5/19/2028	5/20/2028	5/21/2028	5/22/2028	5/23/2028	5/24/2028	5/25/2028
79	Workforce	15	15	15	15	15	15	15	15	15	15	15	15	15	15
44	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
12	Round Trips-Other-Trucks	10	10	10	10	10	10	10	10	10	10	10	10	10	10
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	21	21	21	21	21	21	21	21	21	21	21	21	21	21
31	Round Trips-All-Trucks	10	10	10	10	10	10	10	10	10	10	10	10	10	10
12,440	VMT-All-Worker	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360	2,360
3,320	VMT-All-Trucks	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040
15,000	VMT-All-All	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400

Table 86: Daily Workforce and Traffic

Max	Type	5/26/2028	5/27/2028	5/28/2028	5/29/2028	5/30/2028	5/31/2028	6/1/2028	6/2/2028	6/3/2028	6/4/2028	6/5/2028	6/6/2028	6/7/2028	6/8/2028
237	Workforce	51	51	51	51	51	51	36	12	12	12	12	12	12	12
107	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	21	21	21	21	21	21	-	-	-	-	-	-	-	-
18	Round Trips-Other-Trucks	10	10	10	10	10	10	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	52	52	52	52	52	52	52	20	20	20	20	20	20	20
5	Round Trips-Misc-Trucks	5	5	5	5	5	5	5	4	4	4	4	4	4	4
292	Round Trips-All-Worker	73	73	73	73	73	73	52	20	20	20	20	20	20	20
57	Round Trips-All-Trucks	15	15	15	15	15	15	5	4	4	4	4	4	4	4
33,400	VMT-All-Worker	7,960	7,960	7,960	7,960	7,960	7,960	5,600	2,080	2,080	2,080	2,080	2,080	2,080	2,080
5,800	VMT-All-Trucks	1,440	1,440	1,440	1,440	1,440	1,440	400	320	320	320	320	320	320	320
38,560	VMT-All-All	9,400	9,400	9,400	9,400	9,400	9,400	6,000	2,400	2,400	2,400	2,400	2,400	2,400	2,400

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	5/26/2028	5/27/2028	5/28/2028	5/29/2028	5/30/2028	5/31/2028	6/1/2028	6/2/2028	6/3/2028	6/4/2028	6/5/2028	6/6/2028	6/7/2028	6/8/2028
162	Workforce	36	36	36	36	36	36	36	12	12	12	12	12	12	12
86	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	52	52	52	52	52	52	52	20	20	20	20	20	20	20
5	Round Trips-Misc-Trucks	5	5	5	5	5	5	5	4	4	4	4	4	4	4
189	Round Trips-All-Worker	52	52	52	52	52	52	52	20	20	20	20	20	20	20
28	Round Trips-All-Trucks	5	5	5	5	5	5	5	4	4	4	4	4	4	4
21,600	VMT-All-Worker	5,600	5,600	5,600	5,600	5,600	5,600	5,600	2,080	2,080	2,080	2,080	2,080	2,080	2,080
2,480	VMT-All-Trucks	400	400	400	400	400	400	400	320	320	320	320	320	320	320
23,560	VMT-All-All	6,000	6,000	6,000	6,000	6,000	6,000	6,000	2,400	2,400	2,400	2,400	2,400	2,400	2,400

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	5/26/2028	5/27/2028	5/28/2028	5/29/2028	5/30/2028	5/31/2028	6/1/2028	6/2/2028	6/3/2028	6/4/2028	6/5/2028	6/6/2028	6/7/2028	6/8/2028
79	Workforce	15	15	15	15	15	15	-	-	-	-	-	-	-	-
44	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	21	21	21	21	21	21	-	-	-	-	-	-	-	-
12	Round Trips-Other-Trucks	10	10	10	10	10	10	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	21	21	21	21	21	21	-	-	-	-	-	-	-	-
31	Round Trips-All-Trucks	10	10	10	10	10	10	-	-	-	-	-	-	-	-
12,440	VMT-All-Worker	2,360	2,360	2,360	2,360	2,360	2,360	-	-	-	-	-	-	-	-
3,320	VMT-All-Trucks	1,040	1,040	1,040	1,040	1,040	1,040	-	-	-	-	-	-	-	-
15,000	VMT-All-All	3,400	3,400	3,400	3,400	3,400	3,400	-	-	-	-	-	-	-	-

Table 86: Daily Workforce and Traffic

Max	Type	6/9/2028	6/10/2028	6/11/2028	6/12/2028	6/13/2028	6/14/2028	6/15/2028	6/16/2028	6/17/2028	6/18/2028	6/19/2028	6/20/2028	6/21/2028	6/22/2028
237	Workforce	12	12	12	12	12	12	12	12	12	12	12	12	12	12
107	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	20	20	20	20	20	20	20	20	20	20	20	20	20	20
5	Round Trips-Misc-Trucks	4	4	4	4	4	4	4	4	4	4	4	4	4	4
292	Round Trips-All-Worker	20	20	20	20	20	20	20	20	20	20	20	20	20	20
57	Round Trips-All-Trucks	4	4	4	4	4	4	4	4	4	4	4	4	4	4
33,400	VMT-All-Worker	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080
5,800	VMT-All-Trucks	320	320	320	320	320	320	320	320	320	320	320	320	320	320
38,560	VMT-All-All	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	6/9/2028	6/10/2028	6/11/2028	6/12/2028	6/13/2028	6/14/2028	6/15/2028	6/16/2028	6/17/2028	6/18/2028	6/19/2028	6/20/2028	6/21/2028	6/22/2028
162	Workforce	12	12	12	12	12	12	12	12	12	12	12	12	12	12
86	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	20	20	20	20	20	20	20	20	20	20	20	20	20	20
5	Round Trips-Misc-Trucks	4	4	4	4	4	4	4	4	4	4	4	4	4	4
189	Round Trips-All-Worker	20	20	20	20	20	20	20	20	20	20	20	20	20	20
28	Round Trips-All-Trucks	4	4	4	4	4	4	4	4	4	4	4	4	4	4
21,600	VMT-All-Worker	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080
2,480	VMT-All-Trucks	320	320	320	320	320	320	320	320	320	320	320	320	320	320
23,560	VMT-All-All	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	6/9/2028	6/10/2028	6/11/2028	6/12/2028	6/13/2028	6/14/2028	6/15/2028	6/16/2028	6/17/2028	6/18/2028	6/19/2028	6/20/2028	6/21/2028	6/22/2028
79	Workforce	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Round Trips-All-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12,440	VMT-All-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,320	VMT-All-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15,000	VMT-All-All	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 86: Daily Workforce and Traffic

Max	Type	6/23/2028	6/24/2028	6/25/2028	6/26/2028	6/27/2028	6/28/2028	6/29/2028	6/30/2028	7/1/2028	7/2/2028	7/3/2028	7/4/2028	7/5/2028	7/6/2028
237	Workforce	12	12	12	12	12	12	12	12	12	12	12	12	12	12
107	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	20	20	20	20	20	20	20	20	20	20	20	20	20	20
5	Round Trips-Misc-Trucks	4	4	4	4	4	4	4	4	4	4	4	4	4	4
292	Round Trips-All-Worker	20	20	20	20	20	20	20	20	20	20	20	20	20	20
57	Round Trips-All-Trucks	4	4	4	4	4	4	4	4	4	4	4	4	4	4
33,400	VMT-All-Worker	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080
5,800	VMT-All-Trucks	320	320	320	320	320	320	320	320	320	320	320	320	320	320
38,560	VMT-All-All	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	6/23/2028	6/24/2028	6/25/2028	6/26/2028	6/27/2028	6/28/2028	6/29/2028	6/30/2028	7/1/2028	7/2/2028	7/3/2028	7/4/2028	7/5/2028	7/6/2028
162	Workforce	12	12	12	12	12	12	12	12	12	12	12	12	12	12
86	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	20	20	20	20	20	20	20	20	20	20	20	20	20	20
5	Round Trips-Misc-Trucks	4	4	4	4	4	4	4	4	4	4	4	4	4	4
189	Round Trips-All-Worker	20	20	20	20	20	20	20	20	20	20	20	20	20	20
28	Round Trips-All-Trucks	4	4	4	4	4	4	4	4	4	4	4	4	4	4
21,600	VMT-All-Worker	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080
2,480	VMT-All-Trucks	320	320	320	320	320	320	320	320	320	320	320	320	320	320
23,560	VMT-All-All	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	6/23/2028	6/24/2028	6/25/2028	6/26/2028	6/27/2028	6/28/2028	6/29/2028	6/30/2028	7/1/2028	7/2/2028	7/3/2028	7/4/2028	7/5/2028	7/6/2028
79	Workforce	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Round Trips-All-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12,440	VMT-All-Worker	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,320	VMT-All-Trucks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15,000	VMT-All-All	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 86: Daily Workforce and Traffic

Max	Type	7/7/2028	7/8/2028	7/9/2028	7/10/2028	7/11/2028	7/12/2028	7/13/2028	7/14/2028	7/15/2028	7/16/2028	7/17/2028
237	Workforce	12	12	12	12	12	12	12	12	12	12	12
107	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-
28	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-
154	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-
30	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-
79	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	20	20	20	20	20	20	20	20	20	20	20
5	Round Trips-Misc-Trucks	4	4	4	4	4	4	4	4	4	4	4
292	Round Trips-All-Worker	20	20	20	20	20	20	20	20	20	20	20
57	Round Trips-All-Trucks	4	4	4	4	4	4	4	4	4	4	4
33,400	VMT-All-Worker	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080
5,800	VMT-All-Trucks	320	320	320	320	320	320	320	320	320	320	320
38,560	VMT-All-All	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400

Table 87: Daily Workforce and Traffic - LSPGC

Max	Type	7/7/2028	7/8/2028	7/9/2028	7/10/2028	7/11/2028	7/12/2028	7/13/2028	7/14/2028	7/15/2028	7/16/2028	7/17/2028
162	Workforce	12	12	12	12	12	12	12	12	12	12	12
86	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-
28	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-
116	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-
18	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-
35	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-
6	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-
52	Round Trips-Misc-Worker	20	20	20	20	20	20	20	20	20	20	20
5	Round Trips-Misc-Trucks	4	4	4	4	4	4	4	4	4	4	4
189	Round Trips-All-Worker	20	20	20	20	20	20	20	20	20	20	20
28	Round Trips-All-Trucks	4	4	4	4	4	4	4	4	4	4	4
21,600	VMT-All-Worker	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080
2,480	VMT-All-Trucks	320	320	320	320	320	320	320	320	320	320	320
23,560	VMT-All-All	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400

Table 88: Daily Workforce and Traffic - PG&E

Max	Type	7/7/2028	7/8/2028	7/9/2028	7/10/2028	7/11/2028	7/12/2028	7/13/2028	7/14/2028	7/15/2028	7/16/2028	7/17/2028
79	Workforce	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Substation-Worker	-	-	-	-	-	-	-	-	-	-	-
9	Round Trips-Substation-Trucks	-	-	-	-	-	-	-	-	-	-	-
42	Round Trips-Transmission-Worker	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Transmission-Trucks	-	-	-	-	-	-	-	-	-	-	-
44	Round Trips-Other-Worker	-	-	-	-	-	-	-	-	-	-	-
12	Round Trips-Other-Trucks	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Worker	-	-	-	-	-	-	-	-	-	-	-
-	Round Trips-Misc-Trucks	-	-	-	-	-	-	-	-	-	-	-
109	Round Trips-All-Worker	-	-	-	-	-	-	-	-	-	-	-
31	Round Trips-All-Trucks	-	-	-	-	-	-	-	-	-	-	-
12,440	VMT-All-Worker	-	-	-	-	-	-	-	-	-	-	-
3,320	VMT-All-Trucks	-	-	-	-	-	-	-	-	-	-	-
15,000	VMT-All-All	-	-	-	-	-	-	-	-	-	-	-

APPENDIX E.2

Health Risk Assessment

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September 4, 2025

LS Power Grid California
16150 Main Circle Drive, Suite 310
Chesterfield, MO 63017

RE: Collinsville-Pittsburg 500/230 kV Substation Project – Solano and Contra Costa Counties, CA - Health Risk Screening Letter

The purpose of this Air Quality Heath Risk screening letter is to identify potential health risks from toxic air contaminants (TACs) which would be expected during construction of the Collinsville 500/230 Kilovolt (kV) Substation Project (Project). The Project seeks to construct an approximately 11-acre 500/230 kV substation (Collinsville Substation) with an additional disturbance of up to 21 acres for grading disturbance, installation of new transmission lines (which includes the overhead, submarine cable, and underground segments alike), a new telecommunications line, roads and ancillary facilities. Transmission lines include a new 6-mile 230kV transmission between the new Collinsville Substation and the existing Pittsburg Substation, two Pacific Gas and Electric Company (PG&E) 1.5-mile 500kV transmission line segments connecting into the new Collinsville Substation, new PG&E transposition structures along the existing Vaca Dixon-Tesla 500 kV transmission line right-of-way, and extending and connecting an existing 12kV distribution line into the new Collinsville Substation. PG&E's existing Pittsburg Substation would be modified by shifting line positions, bus work, and modifying electrical equipment to facilitate the connection of the proposed LSPGC 230 kV Transmission Line.

The new 6-mile 230kV transmission line would be located in a combination of overhead, underground, and submarine cable. The new telecommunication line will extend from the new Collinsville Substation to an existing telecom provider located southwest of the existing Pittsburg Substation. Equipment will be stored at the substation construction site, at staging yards and along the transmission line alignment proposed in this Project. TACs during operations would not be expected since, after the substation is operational, minimal site visits to the substation would be required.

The Bay Area Air Quality Management District (BAAQMD) has established significance thresholds for assessing air quality impacts within its jurisdiction, including Solano and Contra Costa Counties. These thresholds are used to evaluate health risks associated with individual projects

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(BAAQMD, 2022). Health risk impacts are categorized into carcinogens and non-carcinogens for both acute and chronic exposures.

An individual project cannot increase the cancer risk for a sensitive receptor beyond 10 individuals per one million exposed. For non-carcinogens, an individual projects increase in the hazard index for both acute and chronic exposures must not exceed 1.0 for a sensitive receptor. Additionally, individual project incremental annual Particulate Matter emissions having a size of 2.5 micrometers (µm) or smaller ($PM_{2.5}$) shall not increase concentrations above 0.3 µg/m³. Refer to **Table 1, BAAQMD Air Quality Thresholds of Significance**, below for detailed threshold values. If these thresholds are exceeded, a cumulative health risk may be present, requiring further evaluation.

Table 1: BAAQMD Air Quality Thresholds of Significance

Risk and Hazards for New Source and Receptors	Threshold
Cumulative	
Increased Cancer Risk	>100 individuals per one million exposed
Increased Non-Cancer Hazard (Acute or Chronic)	>10.0 Hazard Index
Incremental Annual $PM_{2.5}$	>0.8 µg/m^3 annual average
Individual Project	
Increased Cancer Risk	>10.0 individuals per one million exposed
Increased Non-Cancer Hazard (Acute or Chronic)	>1.0 Hazard Index
Incremental Annual $PM_{2.5}$	>0.3 µg/m^3 annual average
Source: Bay Area Air Quality Management District 2022 CEQA Guideline (Table 3-1)	

For this analysis, the Project is broken into three distinct sections: the Collinsville Substation, the Pittsburg Substation and linear work. Each section addresses the specific activities, sensitive receptors, and associated health risk calculations where expected. Health risks are calculated at sensitive receptors estimated to experience the highest potential impacts.

Linear Transmission Line Work:

Connecting the two sites would require approximately 6 miles of linear transmission line, distribution line, transposition line, and line work over roughly 304 working days. Based on discussions with the applicant, a typical construction rate is about 100 feet per day, meaning it would take an average of 20 days to complete 2,000 feet. Sensitive receptors near the project would not experience a noticeable increase in emissions due to the construction of these linear

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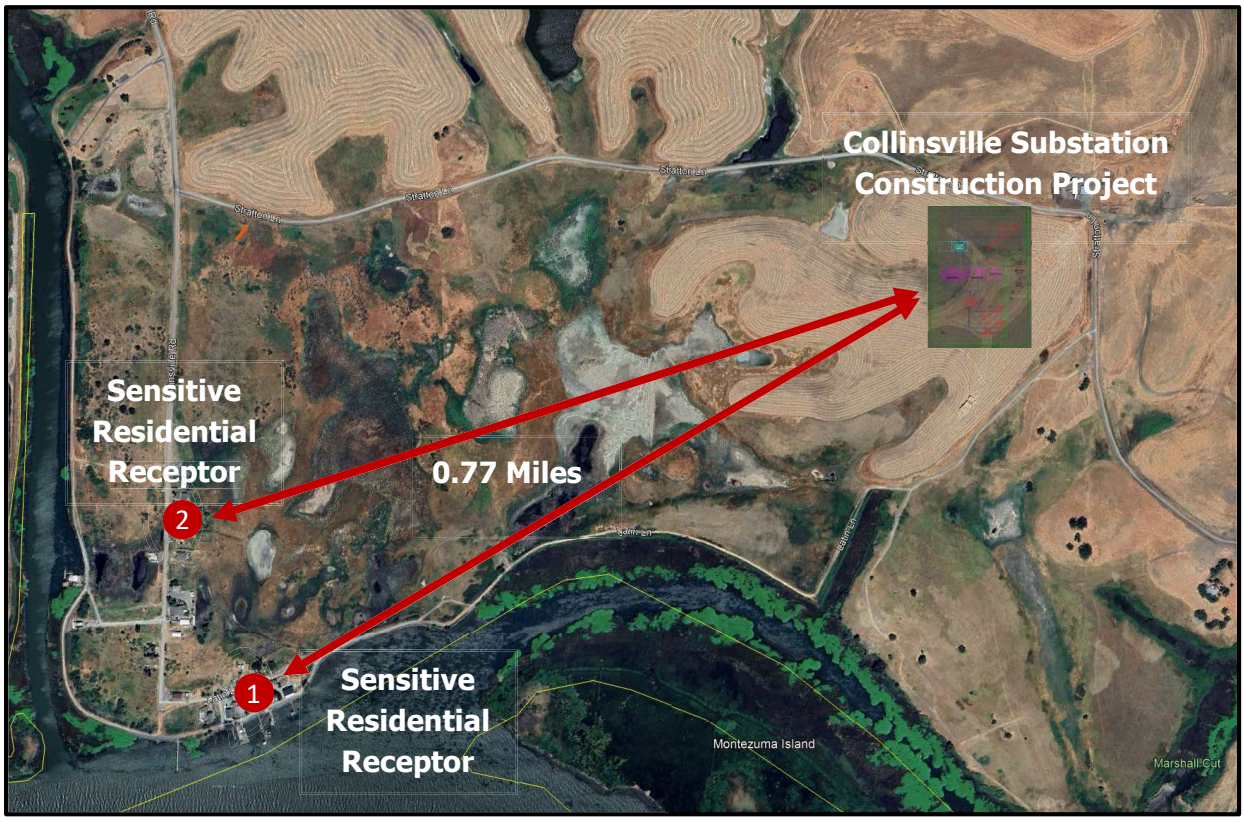
project features. Since construction along the transmission line alignment would progress linearly at a rate of approximately 100 feet per day, any given 1,000-foot zone of influence around a sensitive receptor would experience active construction for approximately 20 days before crews move beyond that area, effectively limiting prolonged exposure. Additionally, staging areas for construction materials and equipment will be located along the alignment, with minimal construction activity occurring at these locations. Minimal construction equipment would be used within these areas, resulting in minimal diesel particulate matter (DPM) emissions and therefore, no modeling is required.

Collinsville Substation:

Based on the construction area for the Collinsville Substation, sensitive receptors are located over 0.7 miles away. Figure 1 on the following page shows the relative location and distance of the nearest residential receptor from the substation construction area and are identified in this analysis as Receptors 1 and 2. Based upon the site map provided by the Project applicant, the Collinsville Substation work area was determined to be 8.43 acres. These receptors are currently occupied residential structures. These homes represent the closest potential receptors exposed to TAC from the Collinsville Substation construction. Construction within this area would be expected to start in May 2026 and be completed in February 2028. Typically, health risks are highest when the construction TAC source is within 1,000 feet. Therefore, although these receptors are beyond the 1,000-foot threshold where health risks are typically highest, a conservative analysis has been conducted to assess potential impacts at these locations.

Figure 1: Collinsville Project Layout and Distance to the nearest Sensitive Receptors



Pittsburg Substation:

Based on the Project requirements, renovations to the Pittsburg Substation would be required. Sensitive receptors are located in a residential area to the east of PG&E's existing Pittsburg Substation located at Halsey Court. The closest home is roughly 236 feet from the edge of the existing Pittsburg Substation. These receptors are identified as numbers 3 through 5 in this analysis in order to keep track of the health risks for each receptor analyzed in this report. Based upon the site map provided by the Project applicant, the Pittsburg Substation work area was determined to be 29.08 acres. Construction within the Pittsburg area is estimated to start in May 2027 and be completed roughly one year later. The general footprint where construction may occur as well as a representative selection of three sensitive receptors which would be exposed to TAC from the Pittsburg Substation construction are shown in Figure 2 on the following Page.

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Figure 2: Pittsburg Project Layout and Distance to the nearest Sensitive Receptors

Health Risk Analysis

Inhalation cancer risks are typically associated with stationary sources emitting DPM over long periods, as noted by OEHHA (OEHHA, 2001). This Project includes two such areas at the Collinsville and Pittsburg Substations, where detailed health risk analyses are provided in this assessment.

The Office of Environmental Health Hazard Assessment (OEHHA) does not recommend assessing cancer risk for projects lasting less than two months due to the uncertainty in quantifying long-term health effects from short-term exposures. Since construction along the transmission line alignment will progress at approximately 100 feet per day, any given 1,000-foot zone of influence around a sensitive receptor would experience active construction for about

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20 days before crews move beyond the area. Because this exposure duration remains below OEHHA's two-month recommendation, the health risk from linear construction activities is considered less than significant.

Collinsville Substation Project Construction Emissions

The primary health risks from TACs related to construction at the Collinsville Substation would be from DPM emitted from construction equipment emitted over roughly 533 active construction days or 651-calendar days. DPM emissions from this work were provided in Table 18 (uncontrolled) and Table 20 (controlled) of Attachment 5.3-A to the Proponents' Environmental Assessment (PEA) (denoted as L-02, L-03, L-04). Also, it should be noted that transmission line work will extend from the east edge of the Project and traverse initially southeast from the project site and then southwest into the waters of the Sacramento-San Joaquin River Delta waterways which ultimately interconnect with the existing PG&E Pittsburg Substation. These activities will involve continuous linear movement of construction, progressing at approximately 100 feet per day. Construction activities at the Collinsville Substation, along with the analyzed equipment list from the Air Quality analysis, are presented in ***Table 2: Collinsville Substation Construction Activities*** below.

Based on review of construction modeling identified in Table 20 of Attachment 5.3-A to the PEA, the total uncontrolled diesel particulate emissions during the construction activities (L-02, L-03, and L-04) would have resulted in approximately 0.366 tons of diesel particulates 10 microns or smaller (PM_{10}), which is the primary TAC considered in this analysis. However, the PEA assumes implementation of Applicant Proposed Measure 1 (APM AIR-1), requiring the use of Tier 4 construction equipment, which substantially reduces emissions. With APM AIR-1 in place, the controlled diesel PM_{10} emissions are reduced to 0.217 tons as identified in Table 22 of Attachment 5.3-A to the PEA. This control measure is consistent with CEQA and will be a condition of the Project, described as follows:

(APM AIR-1) - Tier 4 Construction Equipment. Construction equipment with a rating between 100 and 750 hp would be required to use engines compliant with EPA Tier 4 non-road engine standards. In the event that enough Tier 4 equipment is not available, documentation of the unavailability would be provided and engines utilizing a lower standard would be used.)

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Table 2: Collinsville Substation Construction Activities

Equipment Identification	Estimated Start	Estimated Completion	Quantity	HP
Site Development (INDEX L-02 – 76 Construction Days)	5/1/2026	8/1/2026		
Truck - Water 4 K			4	300
Loader - 4-5 Yd			2	230
Truck - Dump 10-12 Yd			5	415
Motor Grader			2	250
Scraper			4	410
Vibratory Roller			2	157
Generator – 25 Kw			2	36
Forklift - 15,000 lb			4	130
Pickup - 1 Ton			4	410
844 Loader			1	417
Semi Truck			2	500
Below Grade Construction (INDEX L-03 – 152 Construction Days)	7/14/2026	1/14/2027		
Truck - Water 4 K			2	300
Excavator			2	108
Forklift - 15 K Reach			3	130
Backhoe - 2X4			2	68
Pickup - 1 Ton			4	410
Excavator - Mini			1	70
Generator – 25 Kw			1	36
Truck - Concrete			4	425
Loader - 4-5 Yd			2	230
Pressure Digger - Lo-Drill (Tracked)			1	275
Excavator			1	275
Truck - Dump 10-12 Yd			3	415
Trencher			2	75
Skid steer loader			2	74
Wire Trailer/ Tensioner			1	175
Wire Puller			1	175
Above Grade Construction (INDEX L-04– 333 Construction Days)	1/2/2027	2/11/2028		
Wire Trailer/ Tensioner			1	175
Wire Puller			1	175
Crane - 200 Ton			1	275
Pickup - 1 Ton			4	410
Welding Truck			2	395
Generator – 25 Kw			2	36
Crane - 35 Ton (Manlift)			2	250
Forklift - 10 K Reach			2	130
Forklift -15,000 lb			1	130
Loader - 4-5 Yd			2	74
120' Manlift			2	74

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Pittsburg Substation Project Construction Emissions

The primary health risks from TACs related to construction at the Pittsburg Substation along with the 115 kV Bus Reactors would be from DPM emitted from construction equipment emitted at the Pittsburg Substation while construction is actively occurring at this location. Construction for substations, which includes three separate areas to include the Pittsburgh substation, would be over a 396-calendar day period (5/1/2027 - 5/31/2028) (denoted as P-19 in Tables 20 and 22 described of Attachment 5.3-A to the PEA).

Additionally, the transmission line work extending from Collinsville Substation to the existing Vaca-Dixon to Tesla transmission line, transposition line work along the existing right-of-way, and distribution work involves short-duration, linear construction activities. As previously noted, these linear construction activities would not result in significant TAC exposure to sensitive receptors, as work would progress at approximately 100 feet per day, ensuring that no location along the alignment experiences construction for more than 20 days within a 1,000-foot zone of influence, with the total duration at any given receptor remaining under two months. Construction activities at the Pittsburg Substation, including the associated equipment list analyzed in the Air Quality assessment and the expected start and completion dates are detailed in ***Table 3, Pittsburg Substation Construction Activities***, below.

The total uncontrolled diesel particulate emissions during the construction activities (P-19) would have been approximately 0.0555 tons of diesel particulates PM_{10}, the primary TAC considered in this analysis. However, the PEA assumes implementation of PG&E Construction Measure AIR-1 (CM AIR-1), which requires the use of Tier 4 construction equipment, consistent with CEQA. With CM AIR-1 in place, the controlled diesel PM_{10} emissions are reduced to 0.036 tons. Again, this data is PM_{10} exhaust emissions presented in Table 20 (uncontrolled) and Table 22 (controlled). This control measure will be a condition of the Project, described as follows:

CM AIR-1: Tier 4 Construction Equipment. Construction equipment with a rating between 100 and 750 hp would be required to use engines compliant with Environmental Protection Agency Tier 4 non-road engine standards. In the event that enough Tier 4 equipment is not available, documentation of the unavailability would be provided and engines utilizing a lower standard would be used.

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Table 3: Pittsburg Substation Construction Activities

Equipment Identification	Pittsburg Substation Estimated Start	Pittsburg Substation Estimated Completion	Quantity	HP
Pittsburg Substation Upgrades (INDEX P-19 – 396 Calendar Day Construction Period)	5/1/2027	5/31/2028		
Pickup - 1 Ton			2	410
Welding Truck			1	395
Crane - 35 Ton (Manlift)			1	250
Forklift -15,000 lb			2	130
120' Manlift			2	74
Truck - Water 4 K			1	300
Excavator			1	108
Excavator - Mini			2	70
Generator – 25 Kw			1	36
Truck - Concrete			4	425
Loader - 4-5 Yd			1	230
Pressure Digger - Lo-Drill (Tracked)			1	275
Excavator			1	275
Truck - Dump 10-12 Yd			4	415
Skid steer loader			2	74

Construction Emissions Calculations

The AERMOD dispersion model was used to determine the concentration of $PM_{2.5}$ from the diesel exhaust generated during construction at the nearby residential receptor. The AERMOD files for the Project (Collinsville and Pittsburg Substations) are provided in ***Attachments A*** and ***-B*** respectively to this Letter.

The AERMOD model was set up using an area source to represent the active construction zone. A release height of 3 meters was used to approximate the exhaust height of diesel construction equipment used onsite. An initial vertical dimension of 1 meter was applied to represent the vertical dispersion of emissions at the time of release. While higher release heights and initial vertical dimensions are sometimes recommended, the scenario used is conservative since a lower value for these inputs yield higher ground-level concentrations resulting in higher receptor exposures. Therefore, this analysis would be conservative.

Exposure is evaluated by calculating the dose in milligrams per kilogram body weight per day (mg/kg/d). For residential exposure, the breathing rates are determined for specific age groups, so inhalation dose (Dose-air) is calculated for each of these age groups, 3rd trimester, 0<2,

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2<9, and 2<16 and 16-70 years. The following algorithms calculate this dose for exposure through the inhalation pathways. The worst-case cancer risk dose calculation is defined in Equation 1 below (OEHHA, February 2015).

Equation 1 $$Dose_{air}=C_{air}*(BR/BW)*A*EF*(1x10^{-6})$$

$Dose_{air}$	=	Dose through inhalation (mg/kg/d)
C_{air}	=	Concentration in air (µg/m3) Annual average DPM concentration in µg/m3 - AERMOD predicts annual averages.
BR/BW	=	Daily breathing rate normalized to body weight (L/kg BW-day). See Table I.2 for the daily breathing rate for each age range.
A	=	Inhalation absorption factor (assumed to be 1)
EF	=	Exposure frequency (unitless, days/365 days)
1x10-6	=	Milligrams to micrograms conversion (10^{-3} mg/ µg), cubic meters to liters conversion (10^{-3} m^3/l)

Cancer risk is calculated by multiplying the daily inhalation or oral dose, by a cancer potency factor, the age sensitivity factor, the frequency of time spent at home and the exposure duration divided by averaging time, to yield the excess cancer risk. As described below, the excess cancer risk is calculated separately for each age grouping and then summed to yield cancer risk for any given location. The worst-case cancer risk calculation is defined in Equation 2 below (OEHHA, February 2015):

Equation 2 $$RISK_{inh\text{-}res}=DOSE_{air} \times CPF \times ASF \times ED/AT \times FAH$$

$RISK_{inh\text{-}res}$	=	Residential inhalation cancer risk
$DOSE_{air}$	=	Daily inhalation dose (mg/kg-day)
CPF	=	Inhalation cancer potency factor (mg/kg-day^{-1})
ASF	=	Age sensitivity factor for a specified age group (unitless)
ED	=	Exposure duration (in years) for a specified age group
AT	=	Averaging time for lifetime cancer risk (years)
FAH	=	Fraction of time spent at home (unitless)

The OEHHA recommends that an exposure duration (residency time) during construction activities be over the construction period which for this project is 651 calendar days for the Collinsville Substation and 396 calendar days for the Pittsburg Substation as denoted by activity P-19. It should be noted that Table 16 of Attachment 5.3-A to the PEA describes that 325 days are scheduled, however only 250 days of that schedule would be working days. This analysis however is based on the Proposed Start and End dates and calculates risk over this total duration to nearby receptors. These durations should be used to estimate individual cancer risk for the Maximally Exposed Individual Resident (MEIR). Health risk calculations are shown for Collinsville

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and Pittsburg Substations respectively in ***Attachment C*** and ***-D*** to this Letter. Based on the durations, the worst-case age groups (3rd trimester, 0<2) were used to calculate risk.

Non-Cancer risks or risks defined as chronic or acute are also known with respect to DPM and are determined by the hazard index. To calculate hazard index, DPM concentration is divided by its chronic Reference Exposure Levels (REL). Where the total equals or exceeds one, a health hazard is presumed to exist. RELs are published by the OEHHA (OEHHA, February 2015). Diesel Exhaust has a REL of 5 µg/m^3 and targets the respiratory system.

Heath Risk Calculations

Collinsville Substation TAC DPM

Over the construction duration, the project would emit an estimated 0.366 tons of diesel PM_{10} under uncontrolled conditions and 0.217 tons under controlled conditions, over a 651-day elapsed period. This equates to an average emission rate of approximately 0.00590 grams per second (g/s) under the uncontrolled scenario, and 0.0035 g/s under the controlled scenario. Construction emissions would be emitted at various times and days but since health risk is based on longer term exposures, it's appropriate to use the total elapsed time the construction activities would start and then finish. Based on the site configuration, the average emission rate over the grading area is estimated at 1.73×10^{-7} grams/second per meter squared (g/s-m^2) for the uncontrolled scenario and 1.02×10^{-7} g/s-m^2 for the controlled scenario. Again, these calculations are provided in ***Attachment C*** to this report.

Utilizing the AERMOD dispersion model for the Collinsville Substation, the worst-case annual DPM concentration (at Receptor 2 identified in Figure 1 above) is estimated at 0.022 µg/m^3 under the uncontrolled scenario and 0.013 µg/m^3 under the controlled scenario. Utilizing Equation 2 above, the inhalation cancer risk for the closest residential receptor is estimated at 6.75 per one million under the uncontrolled scenario and 3.99 per one million under the controlled scenario, over the construction duration.

In addition, since the annual concentrations remain below the REL of 5 µg/m^3 under both scenarios, non-cancer risks are less than 1, and a less than significant non-cancer risk is expected.

An acute hazard index estimates the likelihood of a person experiencing non-cancer health effects when they are exposed to a TAC concentration for a 1-hour period. However, no acute RELs are established for DPM; therefore, an acute hazard risk would not be expected for DPM.

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The district is also concerned about health risks to maximally exposed offsite workers; however, a nearby worker location where workers would be onsite 8 hours per day or more does not exist around the Collinsville Substation construction site. Emissions for Receptor 1 are noted as 0.019 µg/m³ under the uncontrolled scenario and 0.011 µg/m³ under the controlled scenario, which would therefore correspond to cancer risks of 5.80 per one million under the uncontrolled scenario and 3.38 per one million under the controlled scenario, respectively. Given this, a less than significant health risk impact is expected from the Collinsville Substation construction activities at any nearby residential receptors.

Pittsburg Substation TAC DPM

Similarly, over the 396-day construction period, the project is expected to emit an estimated 0.056 tons of DPM under uncontrolled conditions and 0.036 tons under controlled conditions. This corresponds to an average PM_{10} exhaust emission rate of approximately 0.0015 g/s for the uncontrolled scenario, and 0.0010 g/s for the controlled scenario. Construction emissions would be emitted at various times and days but since health risks are based on longer term exposures, it is appropriate to use the total elapsed time the construction activities would start and then finish. Based on the site configuration, the average emission rate over the grading area is estimated at 1.26×10^{-8} g/s-m² for the uncontrolled case and 8.10×10^{-9} g/s-m² for the controlled case. These Calculations are provided in ***Attachment D*** to this report.

Using AERMOD, the highest annual DPM concentration from the construction is estimated at 0.035 µg/m³ under the uncontrolled scenario and 0.022 µg/m³ under the controlled scenario, both occurring at Receptor 4 (see Figure 2 above). Applying Equation 2, the inhalation cancer risk for the nearest residential receptor is calculated at 6.68 per one million exposed under the uncontrolled scenario and 4.22 per one million exposed under the controlled scenario over the construction duration.

In addition, since the annual DPM concentration under both scenarios remains below the REL of 5 µg/m³, non-cancer risks are expected to be less than 1. Therefore, no significant non-cancer health risk impacts would be expected under either condition. Emissions at Receptors 5 which is the next highest was modeled at 0.033 µg/m³ uncontrolled and 0.021 µg/m³ controlled. These would yield risks at 6.30 per one million under uncontrolled and 4.03 per one million under controlled, as shown at Receptor 4. Receptor 3 is only 0.009 µg/m³ which is much lower when compared to either Receptors 4 or 5 and would present risks even lower as well. Given this no additional calculations are necessary for Receptor 3.

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Collinsville Substation Total $PM_{2.5}$

The BAAQMD also has a requirement that the incremental annual $PM_{2.5}$ cannot exceed 0.3 µg/m^3. Based on the construction outputs identified in Tables 48 and -49 (Uncontrolled and Controlled Annual Emissions of Attachment 5.3-A (Air Quality and GHG Calculations), the $PM_{2.5}$ generated emissions from both the emissions and fugitive dust onsite for the Collinsville Substation construction activities analyzed within this report are 2.85 tons uncontrolled and 1.04 tons controlled over the same 615 days. Using AERMOD, the maximum incremental annual $PM_{2.5}$ concentration for the uncontrolled scenario would be 0.176 µg/m³ at Receptor 2 and 0.147 µg/m³ at Receptor 1. Since the thresholds is 0.3 µg/m^3 a less than significant incremental $PM_{2.5}$ risk is expected for the uncontrolled scenario. For the controlled scenario, would be 0.063 µg/m³ at Receptor 2 and 0.054 µg/m³ at Receptor 1. Since the thresholds is 0.3 µg/m^3 a less than significant incremental $PM_{2.5}$ risk is expected for the controlled scenario. This is shown in ***Attachment E*** to this letter. Therefore, the work at the Collinsville Substations would have a less than significant total incremental $PM_{2.5}$ emission.

Pittsburg Substation Total $PM_{2.5}$

The Total $PM_{2.5}$ emissions from both construction equipment and fugitive dust onsite at the Pittsburg Substation during construction was estimated at 1.19 tons uncontrolled and 0.381 tons controlled over the construction period. Using AERMOD, the maximum incremental annual $PM_{2.5}$ would be 0.74 µg/m^3 at Receptor 4 and slightly lower at 0.699 µg/m^3 at Receptor 5 and only 0.196 µg/m^3 at Receptor 3. Since the threshold is 0.3 µg/m^3 a significant incremental $PM_{2.5}$ risk would be expected without mitigation. It should be noted; the Project would be required to implement CM AIR-1 which makes up the controlled scenario. Under the controlled scenario, the maximum incremental annual $PM_{2.5}$ would be 0.24 µg/m^3 at Receptor 4 and slightly lower at 0.22 µg/m^3 at Receptor 5 and only 0.063 µg/m^3 at Receptor 3. Given this, CM AIR-1 would sufficiently reduce $PM_{2.5}$ to a level considered less than significant. It should be noted that the total $PM_{2.5}$ emissions include on-road vehicular emissions which when those emissions are greater than 1,000 feet from the modeled receptors wouldn't necessarily contribute to the exposure seen by the receptors. Therefore, this analysis is considered worst-case. Emissions from uncontrolled and controlled emissions are provided as ***Attachment F*** to this letter. Therefore, the work at the Pittsburg Substation would have a less than significant total incremental $PM_{2.5}$ emission.

A cumulative health risk during construction could exist if another large project were occurring simultaneously to the proposed Project using diesel construction equipment. However, for cumulative health risks to reach the threshold of 100 excess cancer cases per million exposed, construction equipment usage would need to be up to 10 times more intensive than what is

Ldn Consulting, Inc.
23811 Washington Ave, C110-333
Murrieta CA 92562
phone 760-473-1253

currently proposed. Based on review of the site and following discussions with the applicant, no nearby construction projects would be expected to meet these diesel equipment conditions. Given this, a less than significant cumulative health risk would be expected during construction of the Collinsville Substation.

If you should have any questions regarding this assessment, please do not hesitate to contact (760) 473-1253.

Sincerely,
Ldn Consulting, Inc.

Jeremy Louden

Attachments:

A: AERMOD Files (PM 10 - DPM Collinsville – Uncontrolled/Controlled Emissions from Off Road Equipment)

B: AERMOD Files (PM 10 - DPM Pittsburg - Uncontrolled/Controlled Emissions from Off Road Equipment)

C: Cancer Risk Calculations - Uncontrolled/Controlled Collinsville

D: Cancer Risk Calculations - Uncontrolled/Controlled Pittsburg

E: AERMOD Files (Total PM 2.5 Collinsville Substation - Uncontrolled/Controlled)

F: AERMOD Files (Total PM 2.5 Pittsburg Substation - Uncontrolled/Controlled)

References:

BAAQMD. (2022). *THRESHOLDS OF SIGNIFICANCE.* Retrieved from https://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/ceqa-guidelines-2022/ceqa-guidelines-chapter-3-thresholds_final_v2-pdf.pdf

OEHHA. (2001). *Health Effects of Diesel Exhaust.* Retrieved from https://oehha.ca.gov/media/downloads/calenviroscreen/indicators/diesel4-02.pdf

OEHHA. (February 2015). *Air Toxics Hot Spots Program - Risk Assessment Guidelines - Guidance Manual for Preparation of Health Risk Assessments.* OEHHA.

```
1                    AERMOD PRIME - (DATED 23132 )

                   AERMODPrMSPx VERSION
            (C) COPYRIGHT 1998-2022, Trinity Consultants

 Run Began on  6/19/2025 at 10:35:51

** BREEZE AERMOD
** Trinity Consultants
** VERSION  12.1

CO STARTING
CO TITLEONE  Collinsville Substation Construction DPM PM10 Uncontrolled
CO MODELOPT  DFAULT  CONC  NODRYDPLT  NOWETDPLT
CO RUNORNOT  RUN
CO AVERTIME  ANNUAL
CO POLLUTID  PM10
CO FLAGPOLE  1.5
CO FINISHED

SO STARTING
SO ELEVUNIT  METERS
SO LOCATION  QXDKY000  AREA      602027.2  4215312.6  0
** SRCDESCR  Construction SIte
SO SRCPARAM  QXDKY000  1.73E-07  3  153.9  221.8  -0.4  1
SO SRCGROUP  ALL
SO FINISHED

RE STARTING
RE ELEVUNIT  METERS
RE DISCCART  600966.8  4214758  0  0  1.5
** SENSITIV
** RCPDESCR  R1
RE DISCCART  600860.9  4215042.4  0  0  1.5
** SENSITIV
** RCPDESCR  R2
RE FINISHED

ME STARTING
ME SURFFILE  "C:\Users\ryan\MYDRIV~1.COM\CI777F~1\24-99C~1\061825\AERMOD\DOW_2017.SFC"
** SURFFILE  "C:\Users\ryan\MYDRIV~1.COM\CI777F~1\24-99C~1\061825\AERMOD\DOW_2017.SFC"
ME PROFFILE  "C:\Users\ryan\MYDRIV~1.COM\CI777F~1\24-99C~1\061825\AERMOD\DOW_2017.PFL"
** PROFFILE  "C:\Users\ryan\MYDRIV~1.COM\CI777F~1\24-99C~1\061825\AERMOD\DOW_2017.PFL"
ME SURFDATA  23254 2017
ME UAIRDATA  23230 2017
ME SITEDATA  2803 2017
ME PROFBASE  0  METERS
ME FINISHED

OU STARTING
OU FILEFORM  FIX
OU PLOTFILE  ANNUAL  ALL  ALL`ANNUAL.plt  10000
OU FINISHED

** ************************************************************************
** It is recommended that the user not edit any data below this line
** ************************************************************************


** AMPTYPE
** AMPDATUM  -1
** AMPZONE  -1
** AMPHEMISPHERE

** PROJECTIONWKT
PROJCS["UTM_6326_Zone11",GEOGCS["WGS_84",DATUM["World_Geodetic_System_1984",SPHEROID["WGS_1984",6378137,298.257223563],TOWGS84[0,0,0,0,0,0,0]],PRIMEM["Gree
nwich",0],UNIT["Degree",0.0174532925199433]],PROJECTION["Universal_Transverse_Mercator"],PARAMETER["Zone",11],UNIT["Meter",1,AUTHORITY["EPSG","9001"]]]
** PROJECTION  UTM
** DATUM  WGE
** UNITS  METER
** ZONE  11
** HEMISPHERE  N
** ORIGINLON  0
** ORIGINLAT  0
** PARALLEL1  0
** PARALLEL2  0
** AZIMUTH  0
** SCALEFACT  0
** FALSEEAST  0
** FALSENORTH  0

** POSTFMT  UNFORM
** TEMPLATE USERDEFINED
** AERMODEXE  AERMOD_BREEZE_23132_64.EXE
** AERMAPEXE  AERMAP_EPA_18081_64.EXE


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------
```

A Total of   0 Fatal Error Message(s)
A Total of   1 Warning Message(s)
A Total of   0 Informational Message(s)

   ******** FATAL ERROR MESSAGES ********
             *** NONE ***

   ********   WARNING MESSAGES   ********
MX W403   48   PFLCNV: Turbulence data is being used w/o ADJ_U* option   SigA Data

****
*** SETUP Finishes Successfully ***
****

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL SigA Data

                                        ***   MODEL SETUP OPTIONS SUMMARY   ***
- -

** Model Options Selected:
     * Model Uses Regulatory DEFAULT Options
     * Model Is Setup For Calculation of Average CONCentration Values.
     * NO GAS DEPOSITION Data Provided.
     * NO PARTICLE DEPOSITION Data Provided.
     * Model Uses NO DRY DEPLETION. DDPLETE = F
     * Model Uses NO WET DEPLETION. WETDPLT = F
     * Stack-tip Downwash.
     * Model Accounts for ELEVated Terrain Effects.
     * Use Calms Processing Routine.
     * Use Missing Data Processing Routine.
     * No Exponential Decay.
     * Model Uses RURAL Dispersion Only.
     * TEMP_Sub - Meteorological data includes TEMP substitutions
     * Model Accepts FLAGPOLE Receptor . Heights.
     * The User Specified a Pollutant Type of: PM10

**Model Calculates ANNUAL Averages Only

**This Run Includes: 1 Source(s);   1 Source Group(s); and   2 Receptor(s)

               with: 0 POINT(s), including
                          0 POINTCAP(s) and   0 POINTHOR(s)
                and: 0 VOLUME source(s)
                and: 1 AREA type source(s)
                and: 0 LINE source(s)
                and: 0 RLINE/RLINEXT source(s)
                and: 0 OPENPIT source(s)
                and: 0 BUOYANT LINE source(s) with a total of   0 line(s)
                and: 0 SWPOINT source(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 18081

**Output Options Selected:
         Model Outputs Tables of ANNUAL Averages by Receptor
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
                                                                m for Missing Hours
                                                                b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) =   0.00 ; Decay Coef. =   0.000   ; Rot. Angle =   0.0
                 Emission Units = GRAMS/SEC   ; Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =   3.5 MB of RAM.

**Input Runstream File: aermod.inp
**Output Print File: aermod.out

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL SigA Data

                                             *** AREA SOURCE DATA ***

             NUMBER EMISSION RATE COORD (SW CORNER) BASE   RELEASE X-DIM   Y-DIM   ORIENT.   INIT.   URBAN EMISSION RATE AIRCRAFT
  SOURCE   PART. (GRAMS/SEC   X   Y   ELEV.   HEIGHT OF AREA   OF AREA   OF AREA   SZ   SOURCE SCALAR VARY
    ID   CATS.   /METER**2)   (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)   (DEG.) (METERS)   BY
- -

```
 QXDKY000         0   0.17300E-06  602027.2 4215312.6     0.0     3.00    153.90    221.80     -0.40     1.00     NO                    NO
 *** AERMOD - VERSION 23132  ***   ***  Collinsville Substation Construction DPM PM10 Uncontrolled          ***        06/19/25
 *** AERMET - VERSION  18081 ***   ***                                                                      ***        10:35:51
                                                                                                                      PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL  SigA Data


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                        SOURCE IDs
 -----------                                        ----------


  ALL        QXDKY000    ,
 *** AERMOD - VERSION 23132  ***   ***  Collinsville Substation Construction DPM PM10 Uncontrolled          ***        06/19/25
 *** AERMET - VERSION  18081 ***   ***                                                                      ***        10:35:51
                                                                                                                      PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL  SigA Data

                                        *** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
                                                    (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1

               NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.


                                    *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
                                                    (METERS/SEC)

                                                1.54,   3.09,   5.14,   8.23,  10.80,
 *** AERMOD - VERSION 23132  ***   ***  Collinsville Substation Construction DPM PM10 Uncontrolled          ***        06/19/25
 *** AERMET - VERSION  18081 ***   ***                                                                      ***        10:35:51
                                                                                                                      PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL  SigA Data

                                        *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

   Surface file:   C:\Users\ryan\MYDRIV~1.COM\CI777F~1\24-99C~1\061825\AERMOD\DOW_2017.SFC            Met Version:  18081
   Profile file:   C:\Users\ryan\MYDRIV~1.COM\CI777F~1\24-99C~1\061825\AERMOD\DOW_2017.PFL
   Surface format: FREE
   Profile format: FREE
   Surface station no.:    23254                  Upper air station no.:    23230
                 Name: UNKNOWN                                    Name: UNKNOWN
                 Year:   2017                                     Year:   2017

 First 24 hours of scalar data
 YR MO DY JDY HR     H0     U*     W*  DT/DZ ZICNV ZIMCH  M-O LEN    Z0  BOWEN ALBEDO  REF WS   WD     HT  REF TA     HT
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 17 01 01   1 01   -6.0  0.077 -9.000 -9.000 -999.   51.      6.9  0.06   0.30   1.00    2.00   68.   10.0  278.9    2.1
 17 01 01   1 02  -12.2  0.215 -9.000 -9.000 -999.  240.     73.6  0.19   0.30   1.00    2.50  260.   10.0  280.8    2.1
 17 01 01   1 03  -17.9  0.318 -9.000 -9.000 -999.  430.    161.7  0.19   0.30   1.00    3.40  246.   10.0  282.4    2.1
 17 01 01   1 04  -11.1  0.130 -9.000 -9.000 -999.  149.     18.0  0.19   0.30   1.00    2.20  238.   10.0  281.9    2.1
 17 01 01   1 05   -3.4  0.062 -9.000 -9.000 -999.   42.      6.2  0.06   0.30   1.00    1.60   75.   10.0  278.8    2.1
 17 01 01   1 06   -1.6  0.046 -9.000 -9.000 -999.   24.      5.7  0.06   0.30   1.00    1.20   47.   10.0  277.0    2.1
 17 01 01   1 07   -1.6  0.046 -9.000 -9.000 -999.   24.      5.7  0.06   0.30   1.00    1.20   68.   10.0  276.5    2.1
 17 01 01   1 08   -1.9  0.042 -9.000 -9.000 -999.   21.      3.7  0.06   0.30   0.74    1.10   69.   10.0  276.6    2.1
 17 01 01   1 09    1.9  0.137  0.177  0.005  102.  122.   -120.3  0.06   0.30   0.38    1.70   78.   10.0  277.9    2.1
 17 01 01   1 10   17.9  0.176  0.677  0.008  624.  177.    -27.4  0.06   0.30   0.26    2.00   47.   10.0  278.9    2.1
 17 01 01   1 11   27.4  0.232  0.849  0.018  807.  268.    -41.2  0.06   0.30   0.21    2.70   22.   10.0  281.4    2.1
 17 01 01   1 12   57.9  0.476  1.165  0.019  987.  788.   -167.9  0.19   0.30   0.20    4.50  273.   10.0  283.4    2.1
 17 01 01   1 13   58.6  0.610  1.207  0.011 1084. 1142.   -349.0  0.19   0.30   0.19    5.90  259.   10.0  283.8    2.1
 17 01 01   1 14   55.1  0.580  1.184  0.019 1087. 1062.   -319.0  0.19   0.30   0.20    5.60  271.   10.0  284.5    2.1
 17 01 01   1 15   37.5  0.537  1.042  0.019 1088.  947.   -371.5  0.19   0.30   0.24    5.20  262.   10.0  285.4    2.1
 17 01 01   1 16   11.9  0.479  0.710  0.019 1089.  800.   -835.9  0.19   0.30   0.32    4.70  251.   10.0  285.4    2.1
 17 01 01   1 17  -30.0  0.309 -9.000 -9.000 -999.  436.     88.6  0.19   0.30   0.57    3.50  226.   10.0  284.1    2.1
 17 01 01   1 18  -29.6  0.263 -9.000 -9.000 -999.  324.     55.2  0.19   0.30   1.00    3.20  236.   10.0  282.6    2.1
 17 01 01   1 19  -42.7  0.395 -9.000 -9.000 -999.  596.    130.4  0.19   0.30   1.00    4.30  246.   10.0  281.5    2.1
 17 01 01   1 20  -38.2  0.447 -9.000 -9.000 -999.  717.    211.0  0.19   0.30   1.00    4.70  238.   10.0  281.4    2.1
 17 01 01   1 21  -29.8  0.349 -9.000 -9.000 -999.  501.    128.5  0.19   0.30   1.00    3.80  240.   10.0  281.4    2.1
 17 01 01   1 22  -24.1  0.425 -9.000 -9.000 -999.  664.    287.4  0.19   0.30   1.00    4.40  238.   10.0  281.0    2.1
 17 01 01   1 23  -18.6  0.217 -9.000 -9.000 -999.  283.     49.6  0.19   0.30   1.00    2.70  225.   10.0  280.6    2.1
 17 01 01   1 24   -2.3  0.055 -9.000 -9.000 -999.   93.      6.4  0.03   0.30   1.00    1.60  220.   10.0  280.1    2.1


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 17 01 01 01    2.1 0 -999.  -99.00   279.0  999.0  -99.00  -99.00
 17 01 01 01   10.0 1   68.    2.00  -999.0   23.9  -99.00    0.77

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 23132  ***   ***  Collinsville Substation Construction DPM PM10 Uncontrolled          ***        06/19/25
 *** AERMET - VERSION  18081 ***   ***                                                                      ***        10:35:51
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL SigA Data

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): QXDKY000 ,

*** SENSITIVE DISCRETE RECEPTOR POINTS ***

** CONC OF PM10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
600966.80	4214758.00	0.01887	600860.90	4215042.40	0.02249

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL SigA Data

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 1 YEARS ***

** CONC OF PM10 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)					OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	0.02249 AT	600860.90,	4215042.40,	0.00,	0.00,	1.50)	SR	
	2ND HIGHEST VALUE IS	0.01887 AT	600966.80,	4214758.00,	0.00,	0.00,	1.50)	SR	
	3RD HIGHEST VALUE IS	0.00000 AT	0.00,	0.00,	0.00,	0.00,	0.00)		
	4TH HIGHEST VALUE IS	0.00000 AT	0.00,	0.00,	0.00,	0.00,	0.00)		
	5TH HIGHEST VALUE IS	0.00000 AT	0.00,	0.00,	0.00,	0.00,	0.00)		
	6TH HIGHEST VALUE IS	0.00000 AT	0.00,	0.00,	0.00,	0.00,	0.00)		
	7TH HIGHEST VALUE IS	0.00000 AT	0.00,	0.00,	0.00,	0.00,	0.00)		
	8TH HIGHEST VALUE IS	0.00000 AT	0.00,	0.00,	0.00,	0.00,	0.00)		
	9TH HIGHEST VALUE IS	0.00000 AT	0.00,	0.00,	0.00,	0.00,	0.00)		
	10TH HIGHEST VALUE IS	0.00000 AT	0.00,	0.00,	0.00,	0.00,	0.00)		

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL SigA Data

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 3 Warning Message(s)
A Total of 221 Informational Message(s)

A Total of 8784 Hours Were Processed

A Total of 43 Calm Hours Identified

A Total of 178 Missing Hours Identified (2.03 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********

MX W403	48	PFLCNV: Turbulence data is being used w/o ADJ_U* option	SigA Data
MX W403	1	PFLCNV: Turbulence data is being used w/o ADJ_U* option	SigA Data
MX W481	8785	MAIN: Data Remaining After End of Year. Number of Hours=	24

****
*** AERMOD Finishes Successfully ***
****

```
1                    AERMOD PRIME - (DATED 23132 )

                   AERMODPrMSPx VERSION
            (C) COPYRIGHT 1998-2022, Trinity Consultants

 Run Began on  6/19/2025 at 10:30:40

** BREEZE AERMOD
** Trinity Consultants
** VERSION  12.1

CO STARTING
CO TITLEONE  Collinsville Substation Construction DPM PM10 Controlled
CO MODELOPT  DFAULT  CONC  NODRYDPLT  NOWETDPLT
CO RUNORNOT  RUN
CO AVERTIME  ANNUAL
CO POLLUTID  PM10
CO FLAGPOLE  1.5
CO FINISHED

SO STARTING
SO ELEVUNIT  METERS
SO LOCATION  QXDKY000  AREA      602027.2  4215312.6  0
** SRCDESCR  Construction SIte
SO SRCPARAM  QXDKY000  1.02E-07  3  153.9  221.8  -0.4  1
SO SRCGROUP  ALL
SO FINISHED

RE STARTING
RE ELEVUNIT  METERS
RE DISCCART  600966.8  4214758  0  0  1.5
** SENSITIV
** RCPDESCR  R1
RE DISCCART  600860.9  4215042.4  0  0  1.5
** SENSITIV
** RCPDESCR  R2
RE FINISHED

ME STARTING
ME SURFFILE  "C:\Users\ryan\MYDRIV~1.COM\CI777F~1\24-99C~1\061825\AERMOD\DOW_2017.SFC"
** SURFFILE  "C:\Users\ryan\MYDRIV~1.COM\CI777F~1\24-99C~1\061825\AERMOD\DOW_2017.SFC"
ME PROFFILE  "C:\Users\ryan\MYDRIV~1.COM\CI777F~1\24-99C~1\061825\AERMOD\DOW_2017.PFL"
** PROFFILE  "C:\Users\ryan\MYDRIV~1.COM\CI777F~1\24-99C~1\061825\AERMOD\DOW_2017.PFL"
ME SURFDATA  23254 2017
ME UAIRDATA  23230 2017
ME SITEDATA  2803 2017
ME PROFBASE  0  METERS
ME FINISHED

OU STARTING
OU FILEFORM  FIX
OU PLOTFILE  ANNUAL  ALL  ALL`ANNUAL.plt  10000
OU FINISHED

** ************************************************************************
** It is recommended that the user not edit any data below this line
** ************************************************************************


** AMPTYPE
** AMPDATUM  -1
** AMPZONE  -1
** AMPHEMISPHERE

** PROJECTIONWKT
PROJCS["UTM_6326_Zone11",GEOGCS["WGS_84",DATUM["World_Geodetic_System_1984",SPHEROID["WGS_1984",6378137,298.257223563],TOWGS84[0,0,0,0,0,0,0]],PRIMEM["Gree
nwich",0],UNIT["Degree",0.0174532925199433]],PROJECTION["Universal_Transverse_Mercator"],PARAMETER["Zone",11],UNIT["Meter",1,AUTHORITY["EPSG","9001"]]]
** PROJECTION  UTM
** DATUM  WGE
** UNITS  METER
** ZONE  11
** HEMISPHERE  N
** ORIGINLON  0
** ORIGINLAT  0
** PARALLEL1  0
** PARALLEL2  0
** AZIMUTH  0
** SCALEFACT  0
** FALSEEAST  0
** FALSENORTH  0

** POSTFMT  UNFORM
** TEMPLATE USERDEFINED
** AERMODEXE  AERMOD_BREEZE_23132_64.EXE
** AERMAPEXE  AERMAP_EPA_18081_64.EXE



  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------
```

A Total of   0 Fatal Error Message(s)
A Total of   1 Warning Message(s)
A Total of   0 Informational Message(s)

   ******** FATAL ERROR MESSAGES ********
             *** NONE ***

   ********   WARNING MESSAGES   ********
MX W403   48   PFLCNV: Turbulence data is being used w/o ADJ_U* option   SigA Data

****
*** SETUP Finishes Successfully ***
****

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL SigA Data

                                        ***   MODEL SETUP OPTIONS SUMMARY   ***
- -

** Model Options Selected:
     * Model Uses Regulatory DEFAULT Options
     * Model Is Setup For Calculation of Average CONCentration Values.
     * NO GAS DEPOSITION Data Provided.
     * NO PARTICLE DEPOSITION Data Provided.
     * Model Uses NO DRY DEPLETION. DDPLETE = F
     * Model Uses NO WET DEPLETION. WETDPLT = F
     * Stack-tip Downwash.
     * Model Accounts for ELEVated Terrain Effects.
     * Use Calms Processing Routine.
     * Use Missing Data Processing Routine.
     * No Exponential Decay.
     * Model Uses RURAL Dispersion Only.
     * TEMP_Sub - Meteorological data includes TEMP substitutions
     * Model Accepts FLAGPOLE Receptor . Heights.
     * The User Specified a Pollutant Type of: PM10

**Model Calculates ANNUAL Averages Only

**This Run Includes: 1 Source(s);   1 Source Group(s); and   2 Receptor(s)

               with: 0 POINT(s), including
                          0 POINTCAP(s) and   0 POINTHOR(s)
                and: 0 VOLUME source(s)
                and: 1 AREA type source(s)
                and: 0 LINE source(s)
                and: 0 RLINE/RLINEXT source(s)
                and: 0 OPENPIT source(s)
                and: 0 BUOYANT LINE source(s) with a total of   0 line(s)
                and: 0 SWPOINT source(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 18081

**Output Options Selected:
         Model Outputs Tables of ANNUAL Averages by Receptor
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
                                                                m for Missing Hours
                                                                b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) =   0.00 ; Decay Coef. =   0.000   ; Rot. Angle =   0.0
                 Emission Units = GRAMS/SEC   ; Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =   3.5 MB of RAM.

**Input Runstream File: aermod.inp
**Output Print File: aermod.out

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL SigA Data

                                             *** AREA SOURCE DATA ***

             NUMBER EMISSION RATE COORD (SW CORNER) BASE   RELEASE X-DIM   Y-DIM   ORIENT.   INIT.   URBAN EMISSION RATE AIRCRAFT
  SOURCE   PART. (GRAMS/SEC   X   Y   ELEV.   HEIGHT OF AREA   OF AREA   OF AREA   SZ   SOURCE SCALAR VARY
    ID   CATS.   /METER**2)   (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)   (DEG.) (METERS)   BY
- -

```
 QXDKY000         0   0.10200E-06  602027.2 4215312.6     0.0     3.00    153.90    221.80     -0.40     1.00     NO                    NO
 *** AERMOD - VERSION 23132  ***   ***  Collinsville Substation Construction DPM PM10 Controlled           ***        06/19/25
 *** AERMET - VERSION  18081 ***   ***                                                                     ***        10:30:40
                                                                                                                      PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL  SigA Data


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                        SOURCE IDs
 -----------                                        ----------


  ALL        QXDKY000    ,
 *** AERMOD - VERSION 23132  ***   ***  Collinsville Substation Construction DPM PM10 Controlled           ***        06/19/25
 *** AERMET - VERSION  18081 ***   ***                                                                     ***        10:30:40
                                                                                                                      PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL  SigA Data

                                        *** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
                                                    (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1

               NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.


                                    *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
                                                    (METERS/SEC)

                                                1.54,   3.09,   5.14,   8.23,  10.80,
 *** AERMOD - VERSION 23132  ***   ***  Collinsville Substation Construction DPM PM10 Controlled           ***        06/19/25
 *** AERMET - VERSION  18081 ***   ***                                                                     ***        10:30:40
                                                                                                                      PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL  SigA Data

                                        *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

    Surface file:   C:\Users\ryan\MYDRIV~1.COM\CI777F~1\24-99C~1\061825\AERMOD\DOW_2017.SFC            Met Version:  18081
    Profile file:   C:\Users\ryan\MYDRIV~1.COM\CI777F~1\24-99C~1\061825\AERMOD\DOW_2017.PFL
    Surface format: FREE
    Profile format: FREE
    Surface station no.:    23254                  Upper air station no.:    23230
                  Name: UNKNOWN                                    Name: UNKNOWN
                  Year:   2017                                     Year:   2017

  First 24 hours of scalar data
  YR MO DY JDY HR     H0     U*     W*  DT/DZ ZICNV ZIMCH  M-O LEN    Z0  BOWEN ALBEDO  REF WS   WD     HT  REF TA     HT
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
  17 01 01   1 01   -6.0  0.077 -9.000 -9.000 -999.   51.      6.9  0.06   0.30   1.00    2.00   68.   10.0  278.9    2.1
  17 01 01   1 02  -12.2  0.215 -9.000 -9.000 -999.  240.     73.6  0.19   0.30   1.00    2.50  260.   10.0  280.8    2.1
  17 01 01   1 03  -17.9  0.318 -9.000 -9.000 -999.  430.    161.7  0.19   0.30   1.00    3.40  246.   10.0  282.4    2.1
  17 01 01   1 04  -11.1  0.130 -9.000 -9.000 -999.  149.     18.0  0.19   0.30   1.00    2.20  238.   10.0  281.9    2.1
  17 01 01   1 05   -3.4  0.062 -9.000 -9.000 -999.   42.      6.2  0.06   0.30   1.00    1.60   75.   10.0  278.8    2.1
  17 01 01   1 06   -1.6  0.046 -9.000 -9.000 -999.   24.      5.7  0.06   0.30   1.00    1.20   47.   10.0  277.0    2.1
  17 01 01   1 07   -1.6  0.046 -9.000 -9.000 -999.   24.      5.7  0.06   0.30   1.00    1.20   68.   10.0  276.5    2.1
  17 01 01   1 08   -1.9  0.042 -9.000 -9.000 -999.   21.      3.7  0.06   0.30   0.74    1.10   69.   10.0  276.6    2.1
  17 01 01   1 09    1.9  0.137  0.177  0.005  102.  122.   -120.3  0.06   0.30   0.38    1.70   78.   10.0  277.9    2.1
  17 01 01   1 10   17.9  0.176  0.677  0.008  624.  177.    -27.4  0.06   0.30   0.26    2.00   47.   10.0  278.9    2.1
  17 01 01   1 11   27.4  0.232  0.849  0.018  807.  268.    -41.2  0.06   0.30   0.21    2.70   22.   10.0  281.4    2.1
  17 01 01   1 12   57.9  0.476  1.165  0.019  987.  788.   -167.9  0.19   0.30   0.20    4.50  273.   10.0  283.4    2.1
  17 01 01   1 13   58.6  0.610  1.207  0.011 1084. 1142.   -349.0  0.19   0.30   0.19    5.90  259.   10.0  283.8    2.1
  17 01 01   1 14   55.1  0.580  1.184  0.019 1087. 1062.   -319.0  0.19   0.30   0.20    5.60  271.   10.0  284.5    2.1
  17 01 01   1 15   37.5  0.537  1.042  0.019 1088.  947.   -371.5  0.19   0.30   0.24    5.20  262.   10.0  285.4    2.1
  17 01 01   1 16   11.9  0.479  0.710  0.019 1089.  800.   -835.9  0.19   0.30   0.32    4.70  251.   10.0  285.4    2.1
  17 01 01   1 17  -30.0  0.309 -9.000 -9.000 -999.  436.     88.6  0.19   0.30   0.57    3.50  226.   10.0  284.1    2.1
  17 01 01   1 18  -29.6  0.263 -9.000 -9.000 -999.  324.     55.2  0.19   0.30   1.00    3.20  236.   10.0  282.6    2.1
  17 01 01   1 19  -42.7  0.395 -9.000 -9.000 -999.  596.    130.4  0.19   0.30   1.00    4.30  246.   10.0  281.5    2.1
  17 01 01   1 20  -38.2  0.447 -9.000 -9.000 -999.  717.    211.0  0.19   0.30   1.00    4.70  238.   10.0  281.4    2.1
  17 01 01   1 21  -29.8  0.349 -9.000 -9.000 -999.  501.    128.5  0.19   0.30   1.00    3.80  240.   10.0  281.4    2.1
  17 01 01   1 22  -24.1  0.425 -9.000 -9.000 -999.  664.    287.4  0.19   0.30   1.00    4.40  238.   10.0  281.0    2.1
  17 01 01   1 23  -18.6  0.217 -9.000 -9.000 -999.  283.     49.6  0.19   0.30   1.00    2.70  225.   10.0  280.6    2.1
  17 01 01   1 24   -2.3  0.055 -9.000 -9.000 -999.   93.      6.4  0.03   0.30   1.00    1.60  220.   10.0  280.1    2.1


  First hour of profile data
  YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
  17 01 01 01    2.1 0 -999.  -99.00   279.0  999.0  -99.00  -99.00
  17 01 01 01   10.0 1   68.    2.00  -999.0   23.9  -99.00    0.77

  F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 23132  ***   ***  Collinsville Substation Construction DPM PM10 Controlled           ***        06/19/25
 *** AERMET - VERSION  18081 ***   ***                                                                     ***        10:30:40
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL SigA Data

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): QXDKY000 ,

*** SENSITIVE DISCRETE RECEPTOR POINTS ***

** CONC OF PM10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
600966.80	4214758.00	0.01112	600860.90	4215042.40	0.01326

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL SigA Data

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 1 YEARS ***

** CONC OF PM10 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)					OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	0.01326 AT	600860.90,	4215042.40,	0.00,	0.00,	1.50)	SR	
	2ND HIGHEST VALUE IS	0.01112 AT	600966.80,	4214758.00,	0.00,	0.00,	1.50)	SR	
	3RD HIGHEST VALUE IS	0.00000 AT	0.00,	0.00,	0.00,	0.00,	0.00)		
	4TH HIGHEST VALUE IS	0.00000 AT	0.00,	0.00,	0.00,	0.00,	0.00)		
	5TH HIGHEST VALUE IS	0.00000 AT	0.00,	0.00,	0.00,	0.00,	0.00)		
	6TH HIGHEST VALUE IS	0.00000 AT	0.00,	0.00,	0.00,	0.00,	0.00)		
	7TH HIGHEST VALUE IS	0.00000 AT	0.00,	0.00,	0.00,	0.00,	0.00)		
	8TH HIGHEST VALUE IS	0.00000 AT	0.00,	0.00,	0.00,	0.00,	0.00)		
	9TH HIGHEST VALUE IS	0.00000 AT	0.00,	0.00,	0.00,	0.00,	0.00)		
	10TH HIGHEST VALUE IS	0.00000 AT	0.00,	0.00,	0.00,	0.00,	0.00)		

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL SigA Data

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 3 Warning Message(s)
A Total of 221 Informational Message(s)

A Total of 8784 Hours Were Processed

A Total of 43 Calm Hours Identified

A Total of 178 Missing Hours Identified (2.03 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********

MX W403	48	PFLCNV: Turbulence data is being used w/o ADJ_U* option	SigA Data
MX W403	1	PFLCNV: Turbulence data is being used w/o ADJ_U* option	SigA Data
MX W481	8785	MAIN: Data Remaining After End of Year. Number of Hours=	24

****
*** AERMOD Finishes Successfully ***
****

```
1                     AERMOD PRIME - (DATED 23132 )

                     AERMODPrMSPx VERSION
              (C) COPYRIGHT 1998-2022, Trinity Consultants

 Run Began on  9/03/2025 at 14:02:57

** BREEZE AERMOD
** Trinity Consultants
** VERSION  12.1

CO STARTING
CO TITLEONE  Pittsburg Substaiton DPM PM10 Uncontrolled
CO MODELOPT  DFAULT  CONC  NODRYDPLT  NOWETDPLT
CO RUNORNOT  RUN
CO AVERTIME  ANNUAL
CO POLLUTID  PM10
CO FLAGPOLE  1.5
CO FINISHED

SO STARTING
SO ELEVUNIT  METERS
SO LOCATION  A8TFX004  AREAPOLY  596712.5  4210727.3  0
** SRCDESCR  Pittsburg Substation
SO SRCPARAM  A8TFX004  1.26E-08  3  21  1
SO AREAVERT  A8TFX004  596712.5 4210727.3  596672 4210686.8  596660 4210647.1  596691.8 4210616.9
SO AREAVERT  A8TFX004  596717.2 4210547.8  596731.5 4210550.2  596811.8 4210318.1  597030.3 4210248.2
SO AREAVERT  A8TFX004  597039.8 4210255.4  597049.4 4210256.2  597097.9 4210318.1  597109.8 4210347.5
SO AREAVERT  A8TFX004  597030.3 4210575.6  596972.3 4210593.1  596973.9 4210607.4  596961.2 4210612.9
SO AREAVERT  A8TFX004  596962.8 4210618.5  596814.2 4210663.8  596746.6 4210725.8  596721.2 4210720.2
SO AREAVERT  A8TFX004  596712.5 4210727.3
SO SRCGROUP  ALL
SO FINISHED

RE STARTING
RE ELEVUNIT  METERS
RE DISCCART  597162.1  4210087.3  0  0  1.5
** SENSITIV
** RCPDESCR  R3
RE DISCCART  597153.6  4210266.3  0  0  1.5
** SENSITIV
** RCPDESCR  R4
RE DISCCART  597359.2  4210518.5  0  0  1.5
** SENSITIV
** RCPDESCR  R5
RE FINISHED

ME STARTING
ME SURFFILE  "C:\Users\ryan\MYDRIV~1.COM\CI777F~1\24-99C~1\061825\AERMOD\DOW_2017.SFC"
** SURFFILE  "C:\Users\ryan\MYDRIV~1.COM\CI777F~1\24-99C~1\061825\AERMOD\DOW_2017.SFC"
ME PROFFILE  "C:\Users\ryan\MYDRIV~1.COM\CI777F~1\24-99C~1\061825\AERMOD\DOW_2017.PFL"
** PROFFILE  "C:\Users\ryan\MYDRIV~1.COM\CI777F~1\24-99C~1\061825\AERMOD\DOW_2017.PFL"
ME SURFDATA  23254 2017
ME UAIRDATA  23230 2017
ME SITEDATA  2803 2017
ME PROFBASE  1  METERS
ME FINISHED

OU STARTING
OU FILEFORM  FIX
OU PLOTFILE  ANNUAL  ALL  ALL`ANNUAL.plt  10000
OU FINISHED

** ************************************************************************
** It is recommended that the user not edit any data below this line
** ************************************************************************


** AMPTYPE
```

```
** AMPDATUM  -1
** AMPZONE  -1
** AMPHEMISPHERE

** PROJECTIONWKT
PROJCS["UTM_6326_Zone11",GEOGCS["WGS_84",DATUM["World_Geodetic_System_1984",SPHEROID["WGS_1984",6378137,298.25722356
3],TOWGS84[0,0,0,0,0,0,0]],PRIMEM["Greenwich",0],UNIT["Degree",0.0174532925199433]],PROJECTION["Universal_Transverse
_Mercator"],PARAMETER["Zone",11],UNIT["Meter",1,AUTHORITY["EPSG","9001"]]]
** PROJECTION  UTM
** DATUM  WGE
** UNITS  METER
** ZONE  11
** HEMISPHERE  N
** ORIGINLON  0
** ORIGINLAT  0
** PARALLEL1  0
** PARALLEL2  0
** AZIMUTH  0
** SCALEFACT  0
** FALSEEAST  0
** FALSENORTH  0

** POSTFMT  UNFORM
** TEMPLATE USERDEFINED
** AERMODEXE  AERMOD_BREEZE_23132_64.EXE
** AERMAPEXE  AERMAP_EPA_18081_64.EXE



  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            1 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 MX W403      57       PFLCNV: Turbulence data is being used w/o ADJ_U* option       SigA Data

 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

  *** AERMOD - VERSION 23132  ***   ***  Pittsburg Substaiton DPM PM10 Uncontrolled                          ***
  09/03/25
 *** AERMET - VERSION  18081 ***   ***                                                                      ***
  14:02:57

  PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL  SigA Data

                                           ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
```

```
     * Model Accounts for ELEVated Terrain Effects.
     * Use Calms Processing Routine.
     * Use Missing Data Processing Routine.
     * No Exponential Decay.
     * Model Uses RURAL Dispersion Only.
     * TEMP_Sub - Meteorological data includes TEMP substitutions
     * Model Accepts FLAGPOLE Receptor . Heights.
     * The User Specified a Pollutant Type of: PM10

 **Model Calculates ANNUAL Averages Only

 **This Run Includes:      1 Source(s);       1 Source Group(s); and       3 Receptor(s)

               with:      0 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:      0 VOLUME source(s)
                and:      1 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  18081

 **Output Options Selected:
         Model Outputs Tables of ANNUAL Averages by Receptor
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =     1.00 ;  Decay Coef. =    0.000     ;  Rot. Angle =
    0.0
                  Emission Units = GRAMS/SEC                             ;  Emission Rate Unit Factor =
0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.5 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


  *** AERMOD - VERSION 23132  ***   ***  Pittsburg Substaiton DPM PM10 Uncontrolled                          ***
   09/03/25
 *** AERMET - VERSION  18081 ***   ***                                                                      ***
  14:02:57

  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL  SigA Data


                                          *** AREAPOLY SOURCE DATA ***

              NUMBER EMISSION RATE   LOCATION OF AREA  BASE     RELEASE  NUMBER      INIT.   URBAN  EMISSION RATE
 AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC       X        Y      ELEV.    HEIGHT  OF VERTS.     SZ     SOURCE  SCALAR VARY
     ID         CATS.   /METER**2)   (METERS) (METERS) (METERS) (METERS)            (METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - -

 A8TFX004         0   0.12600E-07  596712.5 4210727.3     0.0     3.00      21         1.00     NO
  NO
```

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	A8TFX004 ,

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

Name: UNKNOWN Name: UNKNOWN
Year: 2017 Year: 2017

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
17	01	01	1	01	-6.0	0.077	-9.000	-9.000	-999.	51.	6.9	0.06	0.30	1.00	2.00	68.	10.0	278.9	2.1
17	01	01	1	02	-12.2	0.215	-9.000	-9.000	-999.	240.	73.6	0.19	0.30	1.00	2.50	260.	10.0	280.8	2.1
17	01	01	1	03	-17.9	0.318	-9.000	-9.000	-999.	430.	161.7	0.19	0.30	1.00	3.40	246.	10.0	282.4	2.1
17	01	01	1	04	-11.1	0.130	-9.000	-9.000	-999.	149.	18.0	0.19	0.30	1.00	2.20	238.	10.0	281.9	2.1
17	01	01	1	05	-3.4	0.062	-9.000	-9.000	-999.	42.	6.2	0.06	0.30	1.00	1.60	75.	10.0	278.8	2.1
17	01	01	1	06	-1.6	0.046	-9.000	-9.000	-999.	24.	5.7	0.06	0.30	1.00	1.20	47.	10.0	277.0	2.1
17	01	01	1	07	-1.6	0.046	-9.000	-9.000	-999.	24.	5.7	0.06	0.30	1.00	1.20	68.	10.0	276.5	2.1
17	01	01	1	08	-1.9	0.042	-9.000	-9.000	-999.	21.	3.7	0.06	0.30	0.74	1.10	69.	10.0	276.6	2.1
17	01	01	1	09	1.9	0.137	0.177	0.005	102.	122.	-120.3	0.06	0.30	0.38	1.70	78.	10.0	277.9	2.1
17	01	01	1	10	17.9	0.176	0.677	0.008	624.	177.	-27.4	0.06	0.30	0.26	2.00	47.	10.0	278.9	2.1
17	01	01	1	11	27.4	0.232	0.849	0.018	807.	268.	-41.2	0.06	0.30	0.21	2.70	22.	10.0	281.4	2.1
17	01	01	1	12	57.9	0.476	1.165	0.019	987.	788.	-167.9	0.19	0.30	0.20	4.50	273.	10.0	283.4	2.1
17	01	01	1	13	58.6	0.610	1.207	0.011	1084.	1142.	-349.0	0.19	0.30	0.19	5.90	259.	10.0	283.8	2.1
17	01	01	1	14	55.1	0.580	1.184	0.019	1087.	1062.	-319.0	0.19	0.30	0.20	5.60	271.	10.0	284.5	2.1
17	01	01	1	15	37.5	0.537	1.042	0.019	1088.	947.	-371.5	0.19	0.30	0.24	5.20	262.	10.0	285.4	2.1
17	01	01	1	16	11.9	0.479	0.710	0.019	1089.	800.	-835.9	0.19	0.30	0.32	4.70	251.	10.0	285.4	2.1
17	01	01	1	17	-30.0	0.309	-9.000	-9.000	-999.	436.	88.6	0.19	0.30	0.57	3.50	226.	10.0	284.1	2.1
17	01	01	1	18	-29.6	0.263	-9.000	-9.000	-999.	324.	55.2	0.19	0.30	1.00	3.20	236.	10.0	282.6	2.1
17	01	01	1	19	-42.7	0.395	-9.000	-9.000	-999.	596.	130.4	0.19	0.30	1.00	4.30	246.	10.0	281.5	2.1
17	01	01	1	20	-38.2	0.447	-9.000	-9.000	-999.	717.	211.0	0.19	0.30	1.00	4.70	238.	10.0	281.4	2.1
17	01	01	1	21	-29.8	0.349	-9.000	-9.000	-999.	501.	128.5	0.19	0.30	1.00	3.80	240.	10.0	281.4	2.1
17	01	01	1	22	-24.1	0.425	-9.000	-9.000	-999.	664.	287.4	0.19	0.30	1.00	4.40	238.	10.0	281.0	2.1
17	01	01	1	23	-18.6	0.217	-9.000	-9.000	-999.	283.	49.6	0.19	0.30	1.00	2.70	225.	10.0	280.6	2.1
17	01	01	1	24	-2.3	0.055	-9.000	-9.000	-999.	93.	6.4	0.03	0.30	1.00	1.60	220.	10.0	280.1	2.1

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
17	01	01	01	2.1	0	-999.	-99.00	279.0	999.0	-99.00	-99.00
17	01	01	01	10.0	1	68.	2.00	-999.0	23.9	-99.00	0.77

F indicates top of profile (=1) or below (=0)

*** AERMOD - VERSION 23132 *** *** Pittsburg Substaiton DPM PM10 Uncontrolled ***
09/03/25
*** AERMET - VERSION 18081 *** *** ***
14:02:57

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): A8TFX004 ,

*** SENSITIVE DISCRETE RECEPTOR POINTS ***

** CONC OF PM10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
597162.10	4210087.30	0.00923	597153.60	4210266.30	0.03481
597359.20	4210518.50	0.03288			

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 1 YEARS ***

** CONC OF PM10 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	0.03481 AT	(597153.60, 4210266.30, 0.00, 0.00, 1.50)	SR	
	2ND HIGHEST VALUE IS	0.03288 AT	(597359.20, 4210518.50, 0.00, 0.00, 1.50)	SR	
	3RD HIGHEST VALUE IS	0.00923 AT	(597162.10, 4210087.30, 0.00, 0.00, 1.50)	SR	
	4TH HIGHEST VALUE IS	0.00000 AT	(0.00, 0.00, 0.00, 0.00, 0.00)		
	5TH HIGHEST VALUE IS	0.00000 AT	(0.00, 0.00, 0.00, 0.00, 0.00)		
	6TH HIGHEST VALUE IS	0.00000 AT	(0.00, 0.00, 0.00, 0.00, 0.00)		
	7TH HIGHEST VALUE IS	0.00000 AT	(0.00, 0.00, 0.00, 0.00, 0.00)		
	8TH HIGHEST VALUE IS	0.00000 AT	(0.00, 0.00, 0.00, 0.00, 0.00)		
	9TH HIGHEST VALUE IS	0.00000 AT	(0.00, 0.00, 0.00, 0.00, 0.00)		
	10TH HIGHEST VALUE IS	0.00000 AT	(0.00, 0.00, 0.00, 0.00, 0.00)		

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 3 Warning Message(s)

```
A Total of          221 Informational Message(s)

A Total of         8784 Hours Were Processed

A Total of           43 Calm Hours Identified

A Total of          178 Missing Hours Identified (  2.03 Percent)


   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
MX W403      57       PFLCNV: Turbulence data is being used w/o ADJ_U* option       SigA Data
MX W403       1       PFLCNV: Turbulence data is being used w/o ADJ_U* option       SigA Data
MX W481    8785         MAIN: Data Remaining After End of Year. Number of Hours=           24

   ***********************************
   *** AERMOD Finishes Successfully ***
   ***********************************
```

```
1                    AERMOD PRIME - (DATED 23132 )

                   AERMODPrMSPx VERSION
            (C) COPYRIGHT 1998-2022, Trinity Consultants

 Run Began on  6/19/2025 at 10:45:56

** BREEZE AERMOD
** Trinity Consultants
** VERSION  12.1

CO STARTING
CO TITLEONE  Pittsburg Substaiton DPM PM10 Controlled
CO MODELOPT  DFAULT  CONC  NODRYDPLT  NOWETDPLT
CO RUNORNOT  RUN
CO AVERTIME  ANNUAL
CO POLLUTID  PM10
CO FLAGPOLE  1.5
CO FINISHED

SO STARTING
SO ELEVUNIT  METERS
SO LOCATION  A8TFX004  AREAPOLY  596712.5  4210727.3  0
** SRCDESCR  Pittsburg Substation
SO SRCPARAM  A8TFX004  8.1E-09  3  21  1
SO AREAVERT  A8TFX004  596712.5 4210727.3  596672 4210686.8  596660 4210647.1  596691.8 4210616.9
SO AREAVERT  A8TFX004  596717.2 4210547.8  596731.5 4210550.2  596811.8 4210318.1  597030.3 4210248.2
SO AREAVERT  A8TFX004  597039.8 4210255.4  597049.4 4210256.2  597097.9 4210318.1  597109.8 4210347.5
SO AREAVERT  A8TFX004  597030.3 4210575.6  596972.3 4210593.1  596973.9 4210607.4  596961.2 4210612.9
SO AREAVERT  A8TFX004  596962.8 4210618.5  596814.2 4210663.8  596746.6 4210725.8  596721.2 4210720.2
SO AREAVERT  A8TFX004  596712.5 4210727.3
SO SRCGROUP  ALL
SO FINISHED

RE STARTING
RE ELEVUNIT  METERS
RE DISCCART  597162.1  4210087.3  0  0  1.5
** SENSITIV
** RCPDESCR  R3
RE DISCCART  597153.6  4210266.3  0  0  1.5
** SENSITIV
** RCPDESCR  R4
RE DISCCART  597359.2  4210518.5  0  0  1.5
** SENSITIV
** RCPDESCR  R5
RE FINISHED

ME STARTING
ME SURFFILE  "C:\Users\ryan\MYDRIV~1.COM\CI777F~1\24-99C~1\061825\AERMOD\DOW_2017.SFC"
** SURFFILE  "C:\Users\ryan\MYDRIV~1.COM\CI777F~1\24-99C~1\061825\AERMOD\DOW_2017.SFC"
ME PROFFILE  "C:\Users\ryan\MYDRIV~1.COM\CI777F~1\24-99C~1\061825\AERMOD\DOW_2017.PFL"
** PROFFILE  "C:\Users\ryan\MYDRIV~1.COM\CI777F~1\24-99C~1\061825\AERMOD\DOW_2017.PFL"
ME SURFDATA  23254 2017
ME UAIRDATA  23230 2017
ME SITEDATA  2803 2017
ME PROFBASE  1  METERS
ME FINISHED

OU STARTING
OU FILEFORM  FIX
OU PLOTFILE  ANNUAL  ALL  ALL`ANNUAL.plt  10000
OU FINISHED

** ************************************************************************
** It is recommended that the user not edit any data below this line
** ************************************************************************


** AMPTYPE
** AMPDATUM  -1
** AMPZONE  -1
** AMPHEMISPHERE

** PROJECTIONWKT
PROJCS["UTM_6326_Zone11",GEOGCS["WGS_84",DATUM["World_Geodetic_System_1984",SPHEROID["WGS_1984",6378137,298.257223563],TOWGS84[0,0,0,0,0,0,0]],PRIMEM["Gree
nwich",0],UNIT["Degree",0.0174532925199433]],PROJECTION["Universal_Transverse_Mercator"],PARAMETER["Zone",11],UNIT["Meter",1,AUTHORITY["EPSG","9001"]]]
** PROJECTION  UTM
** DATUM  WGE
** UNITS  METER
** ZONE  11
** HEMISPHERE  N
** ORIGINLON  0
** ORIGINLAT  0
** PARALLEL1  0
** PARALLEL2  0
** AZIMUTH  0
** SCALEFACT  0
** FALSEEAST  0
** FALSENORTH  0

** POSTFMT  UNFORM
```

```
** TEMPLATE UserDefined
** AERMODEXE  AERMOD_BREEZE_23132_64.EXE
** AERMAPEXE  AERMAP_EPA_18081_64.EXE



  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            1 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 MX W403      57       PFLCNV: Turbulence data is being used w/o ADJ_U* option       SigA Data

 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

  *** AERMOD - VERSION 23132  ***   ***  Pittsburg Substaiton DPM PM10 Controlled                          ***        06/19/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***       10:45:56
                                                                                                                    PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL  SigA Data

                                        ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses RURAL Dispersion Only.
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: PM10

 **Model Calculates ANNUAL Averages Only

 **This Run Includes:      1 Source(s);       1 Source Group(s); and       3 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:      0 VOLUME source(s)
                 and:      1 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  18081

 **Output Options Selected:
          Model Outputs Tables of ANNUAL Averages by Receptor
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =     1.00 ;  Decay Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                           ;  Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.5 MB of RAM.

 **Input Runstream File:          aermod.inp
 **Output Print File:             aermod.out

  *** AERMOD - VERSION 23132  ***   ***  Pittsburg Substaiton DPM PM10 Controlled                          ***        06/19/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***       10:45:56
                                                                                                                    PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL  SigA Data
```

*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
A8TFX004	0	0.81000E-08	596712.5	4210727.3	0.0	3.00	21	1.00	NO		NO

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL SigA Data

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	A8TFX004 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL SigA Data

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

```
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL SigA Data

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: C:\Users\ryan\MYDRIV~1.COM\CI777F~1\24-99C~1\061825\AERMOD\DOW_2017.SFC Met Version: 18081
Profile file: C:\Users\ryan\MYDRIV~1.COM\CI777F~1\24-99C~1\061825\AERMOD\DOW_2017.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 23254 Upper air station no.: 23230
Name: UNKNOWN Name: UNKNOWN
Year: 2017 Year: 2017

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
17	01	01	1	01	-6.0	0.077	-9.000	-9.000	-999.	51.	6.9	0.06	0.30	1.00	2.00	68.	10.0	278.9	2.1
17	01	01	1	02	-12.2	0.215	-9.000	-9.000	-999.	240.	73.6	0.19	0.30	1.00	2.50	260.	10.0	280.8	2.1
17	01	01	1	03	-17.9	0.318	-9.000	-9.000	-999.	430.	161.7	0.19	0.30	1.00	3.40	246.	10.0	282.4	2.1
17	01	01	1	04	-11.1	0.130	-9.000	-9.000	-999.	149.	18.0	0.19	0.30	1.00	2.20	238.	10.0	281.9	2.1
17	01	01	1	05	-3.4	0.062	-9.000	-9.000	-999.	42.	6.2	0.06	0.30	1.00	1.60	75.	10.0	278.8	2.1
17	01	01	1	06	-1.6	0.046	-9.000	-9.000	-999.	24.	5.7	0.06	0.30	1.00	1.20	47.	10.0	277.0	2.1
17	01	01	1	07	-1.6	0.046	-9.000	-9.000	-999.	24.	5.7	0.06	0.30	1.00	1.20	68.	10.0	276.5	2.1
17	01	01	1	08	-1.9	0.042	-9.000	-9.000	-999.	21.	3.7	0.06	0.30	0.74	1.10	69.	10.0	276.6	2.1
17	01	01	1	09	1.9	0.137	0.177	0.005	102.	122.	-120.3	0.06	0.30	0.38	1.70	78.	10.0	277.9	2.1
17	01	01	1	10	17.9	0.176	0.677	0.008	624.	177.	-27.4	0.06	0.30	0.26	2.00	47.	10.0	278.9	2.1
17	01	01	1	11	27.4	0.232	0.849	0.018	807.	268.	-41.2	0.06	0.30	0.21	2.70	22.	10.0	281.4	2.1
17	01	01	1	12	57.9	0.476	1.165	0.019	987.	788.	-167.9	0.19	0.30	0.20	4.50	273.	10.0	283.4	2.1
17	01	01	1	13	58.6	0.610	1.207	0.011	1084.	1142.	-349.0	0.19	0.30	0.19	5.90	259.	10.0	283.8	2.1
17	01	01	1	14	55.1	0.580	1.184	0.019	1087.	1062.	-319.0	0.19	0.30	0.20	5.60	271.	10.0	284.5	2.1
17	01	01	1	15	37.5	0.537	1.042	0.019	1088.	947.	-371.5	0.19	0.30	0.24	5.20	262.	10.0	285.4	2.1
17	01	01	1	16	11.9	0.479	0.710	0.019	1089.	800.	-835.9	0.19	0.30	0.32	4.70	251.	10.0	285.4	2.1
17	01	01	1	17	-30.0	0.309	-9.000	-9.000	-999.	436.	88.6	0.19	0.30	0.57	3.50	226.	10.0	284.1	2.1
17	01	01	1	18	-29.6	0.263	-9.000	-9.000	-999.	324.	55.2	0.19	0.30	1.00	3.20	236.	10.0	282.6	2.1
17	01	01	1	19	-42.7	0.395	-9.000	-9.000	-999.	596.	130.4	0.19	0.30	1.00	4.30	246.	10.0	281.5	2.1
17	01	01	1	20	-38.2	0.447	-9.000	-9.000	-999.	717.	211.0	0.19	0.30	1.00	4.70	238.	10.0	281.4	2.1
17	01	01	1	21	-29.8	0.349	-9.000	-9.000	-999.	501.	128.5	0.19	0.30	1.00	3.80	240.	10.0	281.4	2.1
17	01	01	1	22	-24.1	0.425	-9.000	-9.000	-999.	664.	287.4	0.19	0.30	1.00	4.40	238.	10.0	281.0	2.1
17	01	01	1	23	-18.6	0.217	-9.000	-9.000	-999.	283.	49.6	0.19	0.30	1.00	2.70	225.	10.0	280.6	2.1
17	01	01	1	24	-2.3	0.055	-9.000	-9.000	-999.	93.	6.4	0.03	0.30	1.00	1.60	220.	10.0	280.1	2.1

```
 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 17 01 01 01    2.1 0 -999.  -99.00   279.0  999.0  -99.00  -99.00
 17 01 01 01   10.0 1   68.    2.00  -999.0   23.9  -99.00    0.77

 F indicates top of profile (=1) or below (=0)
  *** AERMOD - VERSION 23132  ***   ***  Pittsburg Substaiton DPM PM10 Controlled                          ***        06/19/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***       10:45:56
                                                                                                                    PAGE   6
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL  SigA Data

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   1 YEARS FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     A8TFX004    ,

                                          *** SENSITIVE DISCRETE RECEPTOR POINTS ***

                                      ** CONC OF PM10     IN MICROGRAMS/M**3                        **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        597162.10    4210087.30        0.00593                     597153.60    4210266.30        0.02238
        597359.20    4210518.50        0.02114
  *** AERMOD - VERSION 23132  ***   ***  Pittsburg Substaiton DPM PM10 Controlled                          ***        06/19/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***       10:45:56
                                                                                                                    PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL  SigA Data

                                  *** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER   1 YEARS ***


                                   ** CONC OF PM10     IN MICROGRAMS/M**3                        **

                                                                                                          NETWORK
 GROUP ID                      AVERAGE CONC               RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)  OF TYPE  GRID-ID
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 ALL       1ST HIGHEST VALUE IS       0.02238 AT (  597153.60,  4210266.30,     0.00,     0.00,    1.50)  SR
           2ND HIGHEST VALUE IS       0.02114 AT (  597359.20,  4210518.50,     0.00,     0.00,    1.50)  SR
           3RD HIGHEST VALUE IS       0.00593 AT (  597162.10,  4210087.30,     0.00,     0.00,    1.50)  SR
           4TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,     0.00,    0.00)
           5TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,     0.00,    0.00)
           6TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,     0.00,    0.00)
           7TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,     0.00,    0.00)
           8TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,     0.00,    0.00)
           9TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,     0.00,    0.00)
          10TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,     0.00,    0.00)


  *** RECEPTOR TYPES:  GC = GRIDCART
                       GP = GRIDPOLR
                       DC = DISCCART
                       DP = DISCPOLR
  *** AERMOD - VERSION 23132  ***   ***  Pittsburg Substaiton DPM PM10 Controlled                          ***        06/19/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***       10:45:56
                                                                                                                    PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL  SigA Data

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            3 Warning Message(s)
 A Total of          221 Informational Message(s)

 A Total of         8784 Hours Were Processed

 A Total of           43 Calm Hours Identified

 A Total of          178 Missing Hours Identified (  2.03 Percent)


    ******** FATAL ERROR MESSAGES ********
                ***  NONE  ***


    ********   WARNING MESSAGES   ********
 MX W403      57       PFLCNV: Turbulence data is being used w/o ADJ_U* option       SigA Data
 MX W403       1       PFLCNV: Turbulence data is being used w/o ADJ_U* option       SigA Data
 MX W481    8785         MAIN: Data Remaining After End of Year. Number of Hours=           24

    ************************************
    *** AERMOD Finishes Successfully ***
    ************************************
```

Air Quality Health Risk Calculations (Worst-Case)
Collinsville Uncontrolled R1

From CalEE Annual Output	Emission per day (Ton/Total Construction Duration)	**0.366**
	Construction Start	**5/1/2026**
	Construction Complete	**2/11/2028**
	Days	**651**
	Construction Emission per day (lb/day)	**1.124423963**
	Annual Duration (Days)	**365**
	Annualized Emission Rate (Grams/Second)	**0.005895417**
	Project Site Size (Acres)	**8.43**
	Project Site Size (meters^2)	**34114.99964**
	Length of Smalles Side (meters)	**184.7024625**
Used as an input to AERMOD	Emission Rate over Grading Area(g/s-m^2)	**1.73E-07**
From AERMOD	Concentration Annual (Ug/M^3)	**0.019**

	Days	Days to years					
Duration	651	1.783561644					
Age (Years)	3rd Trimester (0.25)	0-2	2-9	2-16	16-30	16-70	
Cair (annual) - From F15	0.0189	0.0189	0.0189	0.0189	0.0189	0.0189	
Breathing Rate per agegroup BR/BW (Page 5-25)	361	1090	861	745	335	290	
A (Default is 1)	1	1	1	1	1	1	
Exposure Frequency = EF (days/365days)	0.96	0.96	0.96	0.96	0.96	0.96	
10^-6 Microgram to Milligram / liters to m3	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	
Dose-inh	0.00000655	0.00001978	0.00001562	0.00001352	0.00000608	0.00000526	
Construction Days	651	1.783561644					
potency factor for Diesel	1.1	1.1	1.1	1.1	1.1	1.1	
Age Sensitivity Factor	10	10	3	3	1	1	
ED	0.25	1.783561644	0	0	0	0	
AT	70	70	70	70	70	70	
FAH	1	1	0.72	0.72	0.73	0.73	
Risk for Each Age Group	2.57321E-07	5.54297E-06	0	0	0	0	
Risk per million Exposed	0.2573208	5.542967145	0	0	0	0	
Cancer Risk Per Million Construction Duration	5.80						

Air Quality Health Risk Calculations (Worst-Case)
Collinsville Controlled R1

From CalEE Annual Output	Emission per day (Ton/Total Construction Duration)	**0.217**
	Construction Start	**5/1/2026**
	Construction Complete	**2/11/2028**
	Days	**651**
	Construction Emission per day (lb/day)	**0.666666667**
	Annual Duration (Days)	**365**
	Annualized Emission Rate (Grams/Second)	**0.00349537**
	Project Site Size (Acres)	**8.43**
	Project Site Size (meters^2)	**34114.99964**
	Length of Smalles Side (meters)	**184.7024625**
Used as an input to AERMOD	Emission Rate over Grading Area(g/s-m^2)	**1.02E-07**
From AERMOD	Concentration Annual (Ug/M^3)	**0.011**

	Days	Days to years				
Duration	651	1.783561644				
Age (Years)	3rd Trimester (0.25)	0-2	2-9	2-16	16-30	16-70
Cair (annual) - From F15	0.011	0.011	0.011	0.011	0.011	0.011
Breathing Rate per agegroup BR/BW (Page 5-25)	361	1090	861	745	335	290
A (Default is 1)	1	1	1	1	1	1
Exposure Frequency = EF (days/365days)	0.96	0.96	0.96	0.96	0.96	0.96
10^-6 Microgram to Milligram / liters to m3	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001
Dose-inh	0.00000381	0.00001151	0.00000909	0.00000787	0.00000354	0.00000306
Construction Days	651	1.783561644				
potency factor for Diesel	1.1	1.1	1.1	1.1	1.1	1.1
Age Sensitivity Factor	10	10	3	3	1	1
ED	0.25	1.783561644	1.783561644	1.783561644	1.783561644	1.783561644
AT	70	70	70	70	70	70
FAH	1	1	0.72	0.72	0.73	0.73
Risk for Each Age Group	1.49763E-07	3.22607E-06	5.50432E-07	4.76274E-07	7.23793E-08	6.26567E-08
Risk per million Exposed	0.149763429	3.226065534	0			
Cancer Risk Per Million - Construction Duration	3.38					

Air Quality Health Risk Calculations (Worst-Case)
Collinsville Uncontrolled R2

From CalEE Annual Output	Emission per day (Ton/Total Construction Duration)	**0.366**
	Construction Start	**5/1/2026**
	Construction Complete	**2/11/2028**
	Days	**651**
	Construction Emission per day (lb/day)	**1.124423963**
	Annual Duration (Days)	**365**
	Annualized Emission Rate (Grams/Second)	**0.005895417**
	Project Site Size (Acres)	**8.43**
	Project Site Size (meters^2)	**34114.99964**
	Length of Smalles Side (meters)	**184.7024625**
Used as an input to AERMOD	Emission Rate over Grading Area(g/s-m^2)	**1.73E-07**
From AERMOD	Concentration Annual (Ug/M^3)	**0.022**

	Days	Days to years				
Duration	651	1.783561644				
Age (Years)	3rd Trimester (0.25)	0-2	2-9	2-16	16-30	16-70
Cair (annual) - From F15	0.022	0.022	0.022	0.022	0.022	0.022
Breathing Rate per agegroup BR/BW (Page 5-25)	361	1090	861	745	335	290
A (Default is 1)	1	1	1	1	1	1
Exposure Frequency = EF (days/365days)	0.96	0.96	0.96	0.96	0.96	0.96
10^-6 Microgram to Milligram / liters to m3	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001
Dose-inh	0.00000762	0.00002302	0.00001818	0.00001573	0.00000708	0.00000612
Construction Days	651	1.783561644				
potency factor for Diesel	1.1	1.1	1.1	1.1	1.1	1.1
Age Sensitivity Factor	10	10	3	3	1	1
ED	0.25	1.783561644	0	0	0	0
AT	70	70	70	70	70	70
FAH	1	1	0.72	0.72	0.73	0.73
Risk for Each Age Group	2.99527E-07	6.45213E-06	0	0	0	0
Risk per million Exposed	0.299526857	6.452131068	0	0	0	0

Cancer Risk Per Million Construction Duration	6.75

Air Quality Health Risk Calculations (Worst-Case)
Collinsville Controlled R2

From CalEE Annual Output	Emission per day (Ton/Total Construction Duration)	**0.217**
	Construction Start	**5/1/2026**
	Construction Complete	**2/11/2028**
	Days	**651**
	Construction Emission per day (lb/day)	**0.666666667**
	Annual Duration (Days)	**365**
	Annualized Emission Rate (Grams/Second)	**0.00349537**
	Project Site Size (Acres)	**8.43**
	Project Site Size (meters^2)	**34114.99964**
	Length of Smalles Side (meters)	**184.7024625**
Used as an input to AERMOD	Emission Rate over Grading Area(g/s-m^2)	**1.02E-07**
From AERMOD	Concentration Annual (Ug/M^3)	**0.013**

	Days	Days to years				
Duration	651	1.783561644				
Age (Years)	3rd Trimester (0.25)	0-2	2-9	2-16	16-30	16-70
Cair (annual) - From F15	0.013	0.013	0.013	0.013	0.013	0.013
Breathing Rate per agegroup BR/BW (Page 5-25)	361	1090	861	745	335	290
A (Default is 1)	1	1	1	1	1	1
Exposure Frequency = EF (days/365days)	0.96	0.96	0.96	0.96	0.96	0.96
10^-6 Microgram to Milligram / liters to m3	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001
Dose-inh	0.00000451	0.00001360	0.00001075	0.00000930	0.00000418	0.00000362
Construction Days	651	1.783561644				
potency factor for Diesel	1.1	1.1	1.1	1.1	1.1	1.1
Age Sensitivity Factor	10	10	3	3	1	1
ED	0.25	1.783561644	1.783561644	1.783561644	1.783561644	1.783561644
AT	70	70	70	70	70	70
FAH	1	1	0.72	0.72	0.73	0.73
Risk for Each Age Group	1.76993E-07	3.81262E-06	6.5051E-07	5.62869E-07	8.55392E-08	7.40488E-08
Risk per million Exposed	0.176993143	3.812622904	0			
Cancer Risk Per Million - Construction Duration	3.99					

Air Quality Health Risk Calculations (Worst-Case)
Pittsburg Uncontrolled R4

From CalEE Annual Output	Emission per day (Ton/Total Construction Duration)	**0.056**
	Construction Start	**5/1/2027**
	Construction Complete	**5/31/2028**
	Days	**396**
	Construction Emission per day (lb/day)	**0.282828283**
	Annual Duration (Days)	**365**
	Annualized Emission Rate (Grams/Second)	**0.001482884**
	Project Site Size (Acres)	**29.08**
	Project Site Size (meters^2)	**117682.5848**
	Length of Smalles Side (meters)	**343.0489539**
Used as an input to AERMOD	Emission Rate over Grading Area(g/s-m^2)	**1.26E-08**
From AERMOD	Concentration Annual (Ug/M^3)	**0.035**

	Days	Days to years				
Duration	396	1.084931507				
Age (Years)	3rd Trimester (0.25)	0-2	2-9	2-16	16-30	16-70
Cair (annual) - From F15	0.0348	0.0348	0.0348	0.0348	0.0348	0.0348
Breathing Rate per agegroup BR/BW (Page 5-25)	361	1090	861	745	335	290
A (Default is 1)	1	1	1	1	1	1
Exposure Frequency = EF (days/365days)	0.96	0.96	0.96	0.96	0.96	0.96
10^-6 Microgram to Milligram / liters to m3	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001
Dose-inh	0.00001206	0.00003641	0.00002876	0.00002489	0.00001119	0.00000969
Construction Days	396	1.084931507				
potency factor for Diesel	1.1	1.1	1.1	1.1	1.1	1.1
Age Sensitivity Factor	10	10	3	3	1	1
ED	0.25	1.084931507	0	0	0	0
AT	70	70	70	70	70	70
FAH	1	1	0.72	0.72	0.73	0.73
Risk for Each Age Group	4.73797E-07	6.20832E-06	0	0	0	0
Risk per million Exposed	0.473797029	6.208317821	0	0	0	0

Cancer Risk Per Million Construction Duration 6.68

Air Quality Health Risk Calculations (Worst-Case)
Pittsburg Controlled R4

From CalEE Annual Output	Emission per day (Ton/Total Construction Duration)	**0.036**
	Construction Start	**5/1/2027**
	Construction Complete	**5/31/2028**
	Days	**396**
	Construction Emission per day (lb/day)	**0.181818182**
	Annual Duration (Days)	**365**
	Annualized Emission Rate (Grams/Second)	**0.000953283**
	Project Site Size (Acres)	**29.08**
	Project Site Size (meters^2)	**117682.5848**
	Length of Smalles Side (meters)	**343.0489539**
Used as an input to AERMOD	Emission Rate over Grading Area(g/s-m^2)	**8.10E-09**
From AERMOD	Concentration Annual (Ug/M^3)	**0.022**

	Days	Days to years				
Duration	396	1.084931507				
Age (Years)	3rd Trimester (0.25)	0-2	2-9	2-16	16-30	16-70
Cair (annual) - From F15	0.022	0.022	0.022	0.022	0.022	0.022
Breathing Rate per agegroup BR/BW (Page 5-25)	361	1090	861	745	335	290
A (Default is 1)	1	1	1	1	1	1
Exposure Frequency = EF (days/365days)	0.96	0.96	0.96	0.96	0.96	0.96
10^-6 Microgram to Milligram / liters to m3	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001
Dose-inh	0.00000762	0.00002302	0.00001818	0.00001573	0.00000708	0.00000612
Construction Days	396	1.084931507				
potency factor for Diesel	1.1	1.1	1.1	1.1	1.1	1.1
Age Sensitivity Factor	10	10	3	3	1	1
ED	0.25	1.084931507	1.084931507	1.084931507	1.084931507	1.084931507
AT	70	70	70	70	70	70
FAH	1	1	0.72	0.72	0.73	0.73
Risk for Each Age Group	2.99527E-07	3.9248E-06	6.6965E-07	5.7943E-07	8.80559E-08	7.62275E-08
Risk per million Exposed	0.299526857	3.924798622	0			
Cancer Risk Per Million - Construction Duration	4.22					

Air Quality Health Risk Calculations (Worst-Case)
Pittsburg Uncontrolled R5

From CalEE Annual Output	Emission per day (Ton/Total Construction Duration)	**0.056**
	Construction Start	**5/1/2027**
	Construction Complete	**5/31/2028**
	Days	**396**
	Construction Emission per day (lb/day)	**0.282828283**
	Annual Duration (Days)	**365**
	Annualized Emission Rate (Grams/Second)	**0.001482884**
	Project Site Size (Acres)	**29.08**
	Project Site Size (meters^2)	**117682.5848**
	Length of Smalles Side (meters)	**343.0489539**
Used as an input to AERMOD	Emission Rate over Grading Area(g/s-m^2)	**1.26E-08**
From AERMOD	Concentration Annual (Ug/M^3)	**0.033**

	Days	Days to years				
Duration	396	1.084931507				
Age (Years)	3rd Trimester (0.25)	0-2	2-9	2-16	16-30	16-70
Cair (annual) - From F15	0.0328	0.0328	0.0328	0.0328	0.0328	0.0328
Breathing Rate per agegroup BR/BW (Page 5-25)	361	1090	861	745	335	290
A (Default is 1)	1	1	1	1	1	1
Exposure Frequency = EF (days/365days)	0.96	0.96	0.96	0.96	0.96	0.96
10^-6 Microgram to Milligram / liters to m3	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001
Dose-inh	0.00001137	0.00003432	0.00002711	0.00002346	0.00001055	0.00000913
Construction Days	396	1.084931507				
potency factor for Diesel	1.1	1.1	1.1	1.1	1.1	1.1
Age Sensitivity Factor	10	10	3	3	1	1
ED	0.25	1.084931507	0	0	0	0
AT	70	70	70	70	70	70
FAH	1	1	0.72	0.72	0.73	0.73
Risk for Each Age Group	4.46567E-07	5.85152E-06	0	0	0	0
Risk per million Exposed	0.446567314	5.851517946	0	0	0	0

Cancer Risk Per Million Construction Duration 6.30

Air Quality Health Risk Calculations (Worst-Case)
Pittsburg Controlled R5

From CalEE Annual Output	Emission per day (Ton/Total Construction Duration)	**0.036**
	Construction Start	**5/1/2027**
	Construction Complete	**5/31/2028**
	Days	**396**
	Construction Emission per day (lb/day)	**0.181818182**
	Annual Duration (Days)	**365**
	Annualized Emission Rate (Grams/Second)	**0.000953283**
	Project Site Size (Acres)	**29.08**
	Project Site Size (meters^2)	**117682.5848**
	Length of Smalles Side (meters)	**343.0489539**
Used as an input to AERMOD	Emission Rate over Grading Area(g/s-m^2)	**8.10E-09**
From AERMOD	Concentration Annual (Ug/M^3)	**0.021**

	Days	Days to years				
Duration	651	1.783561644				
Age (Years)	3rd Trimester (0.25)	0-2	2-9	2-16	16-30	16-70
Cair (annual) - From F15	0.021	0.021	0.021	0.021	0.021	0.021
Breathing Rate per agegroup BR/BW (Page 5-25)	361	1090	861	745	335	290
A (Default is 1)	1	1	1	1	1	1
Exposure Frequency = EF (days/365days)	0.96	0.96	0.96	0.96	0.96	0.96
10^-6 Microgram to Milligram / liters to m3	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001
Dose-inh	0.00000728	0.00002197	0.00001736	0.00001502	0.00000675	0.00000585
Construction Days	396	1.084931507				
potency factor for Diesel	1.1	1.1	1.1	1.1	1.1	1.1
Age Sensitivity Factor	10	10	3	3	1	1
ED	0.25	1.084931507	1.084931507	1.084931507	1.084931507	1.084931507
AT	70	70	70	70	70	70
FAH	1	1	0.72	0.72	0.73	0.73
Risk for Each Age Group	2.85912E-07	3.7464E-06	6.39211E-07	5.53092E-07	8.40534E-08	7.27626E-08
Risk per million Exposed	0.285912	3.746398685	0			
Cancer Risk Per Million - Construction Duration	4.03					

1   AERMOD PRIME - (DATED 23132)

                  AERMODPrMSPx VERSION
            (C) COPYRIGHT 1998-2022, Trinity Consultants

 Run Began on 6/19/2025 at 11:08:22

** BREEZE AERMOD
** Trinity Consultants
** VERSION 12.1

CO STARTING
CO TITLEONE Collinsville Substation Construction PM2.5 Total Uncontrolled
CO MODELOPT DFAULT CONC NODRYDPLT NOWETDPLT
CO RUNORNOT RUN
CO AVERTIME ANNUAL
CO POLLUTID PM25
CO FLAGPOLE 1.5
CO FINISHED

SO STARTING
SO ELEVUNIT METERS
SO LOCATION QXDKY000 AREA   602027.2 4215312.6 0
** SRCDESCR Construction SIte
SO SRCPARAM QXDKY000 1.35E-06 3 153.9 221.8 -0.4 1
SO SRCGROUP ALL
SO FINISHED

RE STARTING
RE ELEVUNIT METERS
RE DISCCART 600966.8 4214758. 0 0 1.5
** SENSITIV
** RCPDESCR R1
RE DISCCART 600860.9 4215042.4 0 0 1.5
** SENSITIV
** RCPDESCR R2
RE FINISHED

ME STARTING
ME SURFFILE "C:\Users\ryan\My Drive (rmtaylor76@gmail.com)\City of Collinsville\24-99 Collinsville Substation\061825\AERMOD\DOW_2017.SFC"
** SURFFILE "C:\Users\ryan\My Drive (rmtaylor76@gmail.com)\City of Collinsville\24-99 Collinsville Substation\061825\AERMOD\DOW_2017.SFC"
ME PROFFILE "C:\Users\ryan\My Drive (rmtaylor76@gmail.com)\City of Collinsville\24-99 Collinsville Substation\061825\AERMOD\DOW_2017.PFL"
** PROFFILE "C:\Users\ryan\My Drive (rmtaylor76@gmail.com)\City of Collinsville\24-99 Collinsville Substation\061825\AERMOD\DOW_2017.PFL"
ME SURFDATA 23254 2017
ME UAIRDATA 23230 2017
ME SITEDATA 2803 2017
ME PROFBASE 0 METERS
ME FINISHED

OU STARTING
OU FILEFORM FIX
OU PLOTFILE ANNUAL ALL ALL`ANNUAL.plt 10000
OU FINISHED

** **
** It is recommended that the user not edit any data below this line
** **

** AMPTYPE
** AMPDATUM -1
** AMPZONE -1
** AMPHEMISPHERE

** PROJECTIONWKT
PROJCS["UTM_6326_Zone11",GEOGCS["WGS_84",DATUM["World_Geodetic_System_1984",SPHEROID["WGS_1984",6378137,298.257223563],TOWGS84[0,0,0,0,0,0,0]],PRIMEM["Gree
nwich",0],UNIT["Degree",0.0174532925199433]],PROJECTION["Universal_Transverse_Mercator"],PARAMETER["Zone",11],UNIT["Meter",1,AUTHORITY["EPSG","9001"]]]
** PROJECTION UTM
** DATUM WGE
** UNITS METER
** ZONE 11
** HEMISPHERE N
** ORIGINLON 0
** ORIGINLAT 0
** PARALLEL1 0
** PARALLEL2 0
** AZIMUTH 0
** SCALEFACT 0
** FALSEEAST 0
** FALSENORTH 0

** POSTFMT UNFORM
** TEMPLATE UserDefined
** AERMODEXE AERMOD_BREEZE_23132_64.EXE
** AERMAPEXE AERMAP_EPA_18081_64.EXE

  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

```
 A Total of           0 Fatal Error Message(s)
 A Total of           1 Warning Message(s)
 A Total of           0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 MX W403      48       PFLCNV: Turbulence data is being used w/o ADJ_U* option       SigA Data

 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

 *** AERMOD - VERSION 23132  ***   ***  Collinsville Substation Construction PM2.5 Total Uncontrolled       ***        06/19/25
 *** AERMET - VERSION  18081 ***   ***                                                                      ***        11:08:22
                                                                                                                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL  SigA Data

                                        ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses RURAL Dispersion Only.
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: PM25

 **Note that special processing requirements apply for the 24-hour PM2.5 NAAQS - check available guidance.
   Model will process user-specified ranks of high 24-hour values averaged across the number of years modeled, and
   the multi-year average of individual ANNUAL values, averaged across the number of years modeled.

 **Model Calculates ANNUAL Averages Only

 **This Run Includes:      1 Source(s);       1 Source Group(s); and       2 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:      0 VOLUME source(s)
                 and:      1 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  18081

 **Output Options Selected:
          Model Outputs Tables of ANNUAL Averages by Receptor
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =     0.00 ;  Decay Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                             ;  Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.5 MB of RAM.

 **Input Runstream File:          aermod.inp
 **Output Print File:             aermod.out

 *** AERMOD - VERSION 23132  ***   ***  Collinsville Substation Construction PM2.5 Total Uncontrolled       ***        06/19/25
 *** AERMET - VERSION  18081 ***   ***                                                                      ***        11:08:22
                                                                                                                      PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL  SigA Data


                                              *** AREA SOURCE DATA ***

              NUMBER EMISSION RATE  COORD (SW CORNER)  BASE     RELEASE  X-DIM     Y-DIM    ORIENT.    INIT.   URBAN  EMISSION RATE  AIRCRAFT
```

SOURCE ID	PART. CATS.	(GRAMS/SEC /METER**2)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	OF AREA (METERS)	OF AREA (METERS)	OF AREA (DEG.)	SZ (METERS)	SOURCE	SCALAR VARY BY	
QXDKY000	0	0.13500E-05	602027.2	4215312.6	0.0	3.00	153.90	221.80	-0.40	1.00	NO		NO

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL SigA Data

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	QXDKY000 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL SigA Data

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL SigA Data

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): QXDKY000 ,

*** SENSITIVE DISCRETE RECEPTOR POINTS ***

** CONC OF PM25 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
600966.80	4214758.00	0.14724	600860.90	4215042.40	0.17553

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL SigA Data

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 1 YEARS ***

** CONC OF PM25 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	0.17553 AT (600860.90, 4215042.40, 0.00, 0.00, 1.50)	SR	
	2ND HIGHEST VALUE IS	0.14724 AT (600966.80, 4214758.00, 0.00, 0.00, 1.50)	SR	
	3RD HIGHEST VALUE IS	0.00000 AT (0.00, 0.00, 0.00, 0.00, 0.00)		
	4TH HIGHEST VALUE IS	0.00000 AT (0.00, 0.00, 0.00, 0.00, 0.00)		
	5TH HIGHEST VALUE IS	0.00000 AT (0.00, 0.00, 0.00, 0.00, 0.00)		
	6TH HIGHEST VALUE IS	0.00000 AT (0.00, 0.00, 0.00, 0.00, 0.00)		
	7TH HIGHEST VALUE IS	0.00000 AT (0.00, 0.00, 0.00, 0.00, 0.00)		
	8TH HIGHEST VALUE IS	0.00000 AT (0.00, 0.00, 0.00, 0.00, 0.00)		
	9TH HIGHEST VALUE IS	0.00000 AT (0.00, 0.00, 0.00, 0.00, 0.00)		
	10TH HIGHEST VALUE IS	0.00000 AT (0.00, 0.00, 0.00, 0.00, 0.00)		

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL SigA Data

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 3 Warning Message(s)
A Total of 221 Informational Message(s)

A Total of 8784 Hours Were Processed

A Total of 43 Calm Hours Identified

A Total of 178 Missing Hours Identified (2.03 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
MX W403 48 PFLCNV: Turbulence data is being used w/o ADJ_U* option SigA Data
MX W403 1 PFLCNV: Turbulence data is being used w/o ADJ_U* option SigA Data
MX W481 8785 MAIN: Data Remaining After End of Year. Number of Hours= 24

****
*** AERMOD Finishes Successfully ***
****

Air Quality Health Risk Calculations (Worst-Case)
Collinsville Uncontrolled R5

From CalEE Annual Output	Emission per day (Ton/Total Construction Duration)	**0.055**
	Construction Start	**5/1/2027**
	Construction Complete	**5/31/2028**
	Days	**396**
	Construction Emission per day (lb/day)	**0.277777778**
	Annual Duration (Days)	**365**
	Annualized Emission Rate (Grams/Second)	**0.001456404**
	Project Site Size (Acres)	**29.08**
	Project Site Size (meters^2)	**117682.5848**
	Length of Smalles Side (meters)	**343.0489539**
Used as an input to AERMOD	Emission Rate over Grading Area(g/s-m^2)	**1.24E-08**
From AERMOD	Concentration Annual (Ug/M^3)	**0.032**

	Days	Days to years				
Duration	396	1.084931507				
Age (Years)	3rd Trimester (0.25)	0-2	2-9	2-16	16-30	16-70
Cair (annual) - From F15	0.032	0.032	0.032	0.032	0.032	0.032
Breathing Rate per agegroup BR/BW (Page 5-25)	361	1090	861	745	335	290
A (Default is 1)	1	1	1	1	1	1
Exposure Frequency = EF (days/365days)	0.96	0.96	0.96	0.96	0.96	0.96
10^-6 Microgram to Milligram / liters to m3	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001
Dose-inh	0.00001109	0.00003348	0.00002645	0.00002289	0.00001029	0.00000891
Construction Days	396	1.084931507				
potency factor for Diesel	1.1	1.1	1.1	1.1	1.1	1.1
Age Sensitivity Factor	10	10	3	3	1	1
ED	0.25	1.084931507	0	0	0	0
AT	70	70	70	70	70	70
FAH	1	1	0.72	0.72	0.73	0.73
Risk for Each Age Group	4.35675E-07	5.7088E-06	0	0	0	0
Risk per million Exposed	0.435675429	5.708797996	0	0	0	0
Cancer Risk Per Million Construction Duration	6.14					

Air Quality Health Risk Calculations (Worst-Case)
Collinsville Controlled R5

From CalEE Annual Output	Emission per day (Ton/Total Construction Duration)	**0.036**
	Construction Start	**5/1/2027**
	Construction Complete	**5/31/2028**
	Days	**396**
	Construction Emission per day (lb/day)	**0.181818182**
	Annual Duration (Days)	**365**
	Annualized Emission Rate (Grams/Second)	**0.000953283**
	Project Site Size (Acres)	**29.08**
	Project Site Size (meters^2)	**117682.5848**
	Length of Smalles Side (meters)	**343.0489539**
Used as an input to AERMOD	Emission Rate over Grading Area(g/s-m^2)	**8.10E-09**
From AERMOD	Concentration Annual (Ug/M^3)	**0.021**

		Days	Days to years				
Duration		651	1.783561644				
Age (Years)		3rd Trimester (0.25)	0-2	2-9	2-16	16-30	16-70
Cair (annual) - From F15		0.021	0.021	0.021	0.021	0.021	0.021
Breathing Rate per agegroup BR/BW (Page 5-25)		361	1090	861	745	335	290
A (Default is 1)		1	1	1	1	1	1
Exposure Frequency = EF (days/365days)		0.96	0.96	0.96	0.96	0.96	0.96
10^-6 Microgram to Milligram / liters to m3		0.000001	0.000001	0.000001	0.000001	0.000001	0.000001
Dose-inh		0.00000728	0.00002197	0.00001736	0.00001502	0.00000675	0.00000585
Construction Days		396	1.084931507				
potency factor for Diesel		1.1	1.1	1.1	1.1	1.1	1.1
Age Sensitivity Factor		10	10	3	3	1	1
ED		0.25	1.084931507	1.084931507	1.084931507	1.084931507	1.084931507
AT		70	70	70	70	70	70
FAH		1	1	0.72	0.72	0.73	0.73
Risk for Each Age Group		2.85912E-07	3.7464E-06	6.39211E-07	5.53092E-07	8.40534E-08	7.27626E-08
Risk per million Exposed		0.285912	3.746398685	0			
Cancer Risk Per Million - Construction Duration		4.03					

```
1                    AERMOD PRIME - (DATED 23132 )

                   AERMODPrMSPx VERSION
            (C) COPYRIGHT 1998-2022, Trinity Consultants

 Run Began on  6/19/2025 at 11:25:16

** BREEZE AERMOD
** Trinity Consultants
** VERSION  12.1

CO STARTING
CO TITLEONE  Pittsburg Substaiton Total PM2.5 Uncontrolled
CO MODELOPT  DFAULT  CONC  NODRYDPLT  NOWETDPLT
CO RUNORNOT  RUN
CO AVERTIME  ANNUAL
CO POLLUTID  PM25
CO FLAGPOLE  1.5
CO FINISHED

SO STARTING
SO ELEVUNIT  METERS
SO LOCATION  A8TFX004  AREAPOLY  596712.5  4210727.3  0
** SRCDESCR  Pittsburg Substation
SO SRCPARAM  A8TFX004  2.68E-07  3  21  1
SO AREAVERT  A8TFX004  596712.5 4210727.3  596672 4210686.8  596660 4210647.1  596691.8 4210616.9
SO AREAVERT  A8TFX004  596717.2 4210547.8  596731.5 4210550.2  596811.8 4210318.1  597030.3 4210248.2
SO AREAVERT  A8TFX004  597039.8 4210255.4  597049.4 4210256.2  597097.9 4210318.1  597109.8 4210347.5
SO AREAVERT  A8TFX004  597030.3 4210575.6  596972.3 4210593.1  596973.9 4210607.4  596961.2 4210612.9
SO AREAVERT  A8TFX004  596962.8 4210618.5  596814.2 4210663.8  596746.6 4210725.8  596721.2 4210720.2
SO AREAVERT  A8TFX004  596712.5 4210727.3
SO SRCGROUP  ALL
SO FINISHED

RE STARTING
RE ELEVUNIT  METERS
RE DISCCART  597162.1  4210087.3  0  0  1.5
** SENSITIV
** RCPDESCR  R3
RE DISCCART  597153.6  4210266.3  0  0  1.5
** SENSITIV
** RCPDESCR  R4
RE DISCCART  597359.2  4210518.5  0  0  1.5
** SENSITIV
** RCPDESCR  R5
RE FINISHED

ME STARTING
ME SURFFILE  "C:\Users\ryan\MYDRIV~1.COM\CI777F~1\24-99C~1\061825\AERMOD\PITTSB~1\AERMOD\PITTSB~1\DOW_2017.SFC"
** SURFFILE  "C:\Users\ryan\MYDRIV~1.COM\CI777F~1\24-99C~1\061825\AERMOD\PITTSB~1\AERMOD\PITTSB~1\DOW_2017.SFC"
ME PROFFILE  "C:\Users\ryan\MYDRIV~1.COM\CI777F~1\24-99C~1\061825\AERMOD\PITTSB~1\AERMOD\PITTSB~1\DOW_2017.PFL"
** PROFFILE  "C:\Users\ryan\MYDRIV~1.COM\CI777F~1\24-99C~1\061825\AERMOD\PITTSB~1\AERMOD\PITTSB~1\DOW_2017.PFL"
ME SURFDATA  23254 2017
ME UAIRDATA  23230 2017
ME SITEDATA  2803 2017
ME PROFBASE  1  METERS
ME FINISHED

OU STARTING
OU FILEFORM  FIX
OU PLOTFILE  ANNUAL  ALL  ALL`ANNUAL.plt  10000
OU FINISHED

** ************************************************************************
** It is recommended that the user not edit any data below this line
** ************************************************************************


** AMPTYPE
** AMPDATUM  -1
** AMPZONE  -1
** AMPHEMISPHERE

** PROJECTIONWKT
PROJCS["UTM_6326_Zone11",GEOGCS["WGS_84",DATUM["World_Geodetic_System_1984",SPHEROID["WGS_1984",6378137,298.257223563],TOWGS84[0,0,0,0,0,0,0]],PRIMEM["Gree
nwich",0],UNIT["Degree",0.0174532925199433]],PROJECTION["Universal_Transverse_Mercator"],PARAMETER["Zone",11],UNIT["Meter",1,AUTHORITY["EPSG","9001"]]]
** PROJECTION  UTM
** DATUM  WGE
** UNITS  METER
** ZONE  11
** HEMISPHERE  N
** ORIGINLON  0
** ORIGINLAT  0
** PARALLEL1  0
** PARALLEL2  0
** AZIMUTH  0
** SCALEFACT  0
** FALSEEAST  0
** FALSENORTH  0

** POSTFMT  UNFORM
```

```
** TEMPLATE UserDefined
** AERMODEXE  AERMOD_BREEZE_23132_64.EXE
** AERMAPEXE  AERMAP_EPA_18081_64.EXE



  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            1 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 MX W403      57       PFLCNV: Turbulence data is being used w/o ADJ_U* option       SigA Data

 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

 *** AERMOD - VERSION 23132  ***   ***  Pittsburg Substaiton Total PM2.5 Uncontrolled                      ***        06/19/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***       11:25:16
                                                                                                                    PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL  SigA Data

                                        ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses RURAL Dispersion Only.
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: PM25

 **Note that special processing requirements apply for the 24-hour PM2.5 NAAQS - check available guidance.
   Model will process user-specified ranks of high 24-hour values averaged across the number of years modeled, and
   the multi-year average of individual ANNUAL values, averaged across the number of years modeled.

 **Model Calculates ANNUAL Averages Only

 **This Run Includes:      1 Source(s);       1 Source Group(s); and       3 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:      0 VOLUME source(s)
                 and:      1 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  18081

 **Output Options Selected:
          Model Outputs Tables of ANNUAL Averages by Receptor
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =     1.00 ;  Decay Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                              ;  Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.5 MB of RAM.

 **Input Runstream File:          aermod.inp
 **Output Print File:             aermod.out
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL SigA Data

*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
A8TFX004	0	0.26800E-06	596712.5	4210727.3	0.0	3.00	21	1.00	NO		NO

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL SigA Data

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	A8TFX004 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL SigA Data

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

```
 17 01 01   1 22  -24.1  0.425 -9.000 -9.000 -999.  664.    287.4  0.19   0.30   1.00    4.40  238.   10.0  281.0    2.1
 17 01 01   1 23  -18.6  0.217 -9.000 -9.000 -999.  283.     49.6  0.19   0.30   1.00    2.70  225.   10.0  280.6    2.1
 17 01 01   1 24   -2.3  0.055 -9.000 -9.000 -999.   93.      6.4  0.03   0.30   1.00    1.60  220.   10.0  280.1    2.1


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 17 01 01 01    2.1 0 -999.  -99.00   279.0  999.0  -99.00  -99.00
 17 01 01 01   10.0 1   68.    2.00  -999.0   23.9  -99.00    0.77

 F indicates top of profile (=0)
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL  SigA Data

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   1 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     A8TFX004    ,

                                           *** SENSITIVE DISCRETE RECEPTOR POINTS ***

                                        ** CONC OF PM25     IN MICROGRAMS/M**3                        **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        597162.10    4210087.30        0.19633                     597153.60    4210266.30        0.74034
        597359.20    4210518.50        0.69934
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL  SigA Data

                                  *** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER   1 YEARS ***


                                   ** CONC OF PM25     IN MICROGRAMS/M**3                        **

                                                                                                        NETWORK
GROUP ID                      AVERAGE CONC               RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

ALL       1ST HIGHEST VALUE IS       0.74034 AT (  597153.60,  4210266.30,     0.00,     0.00,    1.50)  SR
          2ND HIGHEST VALUE IS       0.69934 AT (  597359.20,  4210518.50,     0.00,     0.00,    1.50)  SR
          3RD HIGHEST VALUE IS       0.19633 AT (  597162.10,  4210087.30,     0.00,     0.00,    1.50)  SR
          4TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,     0.00,    0.00)
          5TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,     0.00,    0.00)
          6TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,     0.00,    0.00)
          7TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,     0.00,    0.00)
          8TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,     0.00,    0.00)
          9TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,     0.00,    0.00)
         10TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,     0.00,    0.00)


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL  SigA Data

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            3 Warning Message(s)
 A Total of          221 Informational Message(s)

 A Total of         8784 Hours Were Processed

 A Total of           43 Calm Hours Identified

 A Total of          178 Missing Hours Identified (  2.03 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 MX W403      57       PFLCNV: Turbulence data is being used w/o ADJ_U* option       SigA Data
 MX W403       1       PFLCNV: Turbulence data is being used w/o ADJ_U* option       SigA Data
 MX W481    8785         MAIN: Data Remaining After End of Year. Number of Hours=          24

    ***********************************
    *** AERMOD Finishes Successfully ***
    ***********************************
```

```
1                    AERMOD PRIME - (DATED 23132 )

                   AERMODPrMSPx VERSION
            (C) COPYRIGHT 1998-2022, Trinity Consultants

 Run Began on  6/19/2025 at 11:26:19

** BREEZE AERMOD
** Trinity Consultants
** VERSION  12.1

CO STARTING
CO TITLEONE  Pittsburg Substaiton Total PM2.5 Controlled
CO MODELOPT  DFAULT  CONC  NODRYDPLT  NOWETDPLT
CO RUNORNOT  RUN
CO AVERTIME  ANNUAL
CO POLLUTID  PM25
CO FLAGPOLE  1.5
CO FINISHED

SO STARTING
SO ELEVUNIT  METERS
SO LOCATION  A8TFX004  AREAPOLY  596712.5  4210727.3  0
** SRCDESCR  Pittsburg Substation
SO SRCPARAM  A8TFX004  8.57E-08  3  21  1
SO AREAVERT  A8TFX004  596712.5 4210727.3  596672 4210686.8  596660 4210647.1  596691.8 4210616.9
SO AREAVERT  A8TFX004  596717.2 4210547.8  596731.5 4210550.2  596811.8 4210318.1  597030.3 4210248.2
SO AREAVERT  A8TFX004  597039.8 4210255.4  597049.4 4210256.2  597097.9 4210318.1  597109.8 4210347.5
SO AREAVERT  A8TFX004  597030.3 4210575.6  596972.3 4210593.1  596973.9 4210607.4  596961.2 4210612.9
SO AREAVERT  A8TFX004  596962.8 4210618.5  596814.2 4210663.8  596746.6 4210725.8  596721.2 4210720.2
SO AREAVERT  A8TFX004  596712.5 4210727.3
SO SRCGROUP  ALL
SO FINISHED

RE STARTING
RE ELEVUNIT  METERS
RE DISCCART  597162.1  4210087.3  0  0  1.5
** SENSITIV
** RCPDESCR  R3
RE DISCCART  597153.6  4210266.3  0  0  1.5
** SENSITIV
** RCPDESCR  R4
RE DISCCART  597359.2  4210518.5  0  0  1.5
** SENSITIV
** RCPDESCR  R5
RE FINISHED

ME STARTING
ME SURFFILE  "C:\Users\ryan\MYDRIV~1.COM\CI777F~1\24-99C~1\061825\AERMOD\PITTSB~1\AERMOD\PITTSB~1\DOW_2017.SFC"
** SURFFILE  "C:\Users\ryan\MYDRIV~1.COM\CI777F~1\24-99C~1\061825\AERMOD\PITTSB~1\AERMOD\PITTSB~1\DOW_2017.SFC"
ME PROFFILE  "C:\Users\ryan\MYDRIV~1.COM\CI777F~1\24-99C~1\061825\AERMOD\PITTSB~1\AERMOD\PITTSB~1\DOW_2017.PFL"
** PROFFILE  "C:\Users\ryan\MYDRIV~1.COM\CI777F~1\24-99C~1\061825\AERMOD\PITTSB~1\AERMOD\PITTSB~1\DOW_2017.PFL"
ME SURFDATA  23254 2017
ME UAIRDATA  23230 2017
ME SITEDATA  2803 2017
ME PROFBASE  1  METERS
ME FINISHED

OU STARTING
OU FILEFORM  FIX
OU PLOTFILE  ANNUAL  ALL  ALL`ANNUAL.plt  10000
OU FINISHED

** ************************************************************************
** It is recommended that the user not edit any data below this line
** ************************************************************************


** AMPTYPE
** AMPDATUM  -1
** AMPZONE  -1
** AMPHEMISPHERE

** PROJECTIONWKT
PROJCS["UTM_6326_Zone11",GEOGCS["WGS_84",DATUM["World_Geodetic_System_1984",SPHEROID["WGS_1984",6378137,298.257223563],TOWGS84[0,0,0,0,0,0,0]],PRIMEM["Gree
nwich",0],UNIT["Degree",0.0174532925199433]],PROJECTION["Universal_Transverse_Mercator"],PARAMETER["Zone",11],UNIT["Meter",1,AUTHORITY["EPSG","9001"]]]
** PROJECTION  UTM
** DATUM  WGE
** UNITS  METER
** ZONE  11
** HEMISPHERE  N
** ORIGINLON  0
** ORIGINLAT  0
** PARALLEL1  0
** PARALLEL2  0
** AZIMUTH  0
** SCALEFACT  0
** FALSEEAST  0
** FALSENORTH  0

** POSTFMT  UNFORM
```

```
** TEMPLATE UserDefined
** AERMODEXE  AERMOD_BREEZE_23132_64.EXE
** AERMAPEXE  AERMAP_EPA_18081_64.EXE



  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            1 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 MX W403      57       PFLCNV: Turbulence data is being used w/o ADJ_U* option       SigA Data

 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

 *** AERMOD - VERSION 23132  ***   ***  Pittsburg Substaiton Total PM2.5 Controlled                        ***        06/19/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***       11:26:19
                                                                                                                    PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL  SigA Data

                                        ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses RURAL Dispersion Only.
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: PM25

 **Note that special processing requirements apply for the 24-hour PM2.5 NAAQS - check available guidance.
   Model will process user-specified ranks of high 24-hour values averaged across the number of years modeled, and
   the multi-year average of individual ANNUAL values, averaged across the number of years modeled.

 **Model Calculates ANNUAL Averages Only

 **This Run Includes:      1 Source(s);       1 Source Group(s); and       3 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:      0 VOLUME source(s)
                 and:      1 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  18081

 **Output Options Selected:
          Model Outputs Tables of ANNUAL Averages by Receptor
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =     1.00 ;  Decay Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                              ;  Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.5 MB of RAM.

 **Input Runstream File:          aermod.inp
 **Output Print File:             aermod.out
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL SigA Data

*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
A8TFX004	0	0.85700E-07	596712.5	4210727.3	0.0	3.00	21	1.00	NO		NO

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL SigA Data

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	A8TFX004 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL NODRYDPLT NOWETDPLT RURAL SigA Data

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

```
 17 01 01   1 22  -24.1  0.425 -9.000 -9.000 -999.  664.    287.4  0.19   0.30   1.00    4.40  238.   10.0  281.0    2.1
 17 01 01   1 23  -18.6  0.217 -9.000 -9.000 -999.  283.     49.6  0.19   0.30   1.00    2.70  225.   10.0  280.6    2.1
 17 01 01   1 24   -2.3  0.055 -9.000 -9.000 -999.   93.      6.4  0.03   0.30   1.00    1.60  220.   10.0  280.1    2.1


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 17 01 01 01    2.1 0 -999.  -99.00   279.0  999.0  -99.00  -99.00
 17 01 01 01   10.0 1   68.    2.00  -999.0   23.9  -99.00    0.77

 F indicates top of profile (=1) or below (=0)
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL  SigA Data

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   1 YEARS FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     A8TFX004    ,

                                          *** SENSITIVE DISCRETE RECEPTOR POINTS ***

                                       ** CONC OF PM25     IN MICROGRAMS/M**3                        **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        597162.10    4210087.30        0.06278                     597153.60    4210266.30        0.23674
        597359.20    4210518.50        0.22363
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL  SigA Data

                                  *** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER   1 YEARS ***


                                   ** CONC OF PM25     IN MICROGRAMS/M**3                        **

                                                                                                        NETWORK
GROUP ID                      AVERAGE CONC               RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

ALL       1ST HIGHEST VALUE IS       0.23674 AT (  597153.60,  4210266.30,     0.00,     0.00,    1.50)  SR
          2ND HIGHEST VALUE IS       0.22363 AT (  597359.20,  4210518.50,     0.00,     0.00,    1.50)  SR
          3RD HIGHEST VALUE IS       0.06278 AT (  597162.10,  4210087.30,     0.00,     0.00,    1.50)  SR
          4TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,     0.00,    0.00)
          5TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,     0.00,    0.00)
          6TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,     0.00,    0.00)
          7TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,     0.00,    0.00)
          8TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,     0.00,    0.00)
          9TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,     0.00,    0.00)
         10TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,     0.00,    0.00)


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  NODRYDPLT  NOWETDPLT  RURAL  SigA Data

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            3 Warning Message(s)
 A Total of          221 Informational Message(s)

 A Total of         8784 Hours Were Processed

 A Total of           43 Calm Hours Identified

 A Total of          178 Missing Hours Identified (  2.03 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 MX W403      57       PFLCNV: Turbulence data is being used w/o ADJ_U* option       SigA Data
 MX W403       1       PFLCNV: Turbulence data is being used w/o ADJ_U* option       SigA Data
 MX W481    8785         MAIN: Data Remaining After End of Year. Number of Hours=          24

    ***********************************
    *** AERMOD Finishes Successfully ***
    ***********************************
```

APPENDIX E.3

Alternatives Air Quality Emissions Calculations

Alternative 1 Construction Activities									
Index	**Component**	**Activity Name**	**Workforce**	**Start Date**	**End Date**	**Days Per Week**	**Working Days**	**Percent Increase or Decrease in Duration/Activity Level?**	**Notes**
L-01	General	Survey	4	5/1/26	6/1/26	6	26	0%	Same as PP?
L-02	Collinsville Substation	Site Development/Staging Yards	12	5/1/26	8/29/26	6	101	33%	Same as PP? LSPGC: The additional grading would take place at this stage.
L-03	Collinsville Substation	Below-Grade Construction	40	8/14/26	2/6/27	6	152	0%	Additional grading LSPGC: This would be pushed back due to site development taking longer. This would be pushed back to start ~14 days prior to L-02 ending (as currently proposed).
L-04	Collinsville Substation	Above-Grade Construction	30	1/23/27	2/15/28	6	333	0%	Same as PP? LSPGC: This would be pushed back due to site development taking longer. This would be pushed back to start ~14 days before L-03 ending (as currently proposed).
P-05	500 kV Interconnection	Foundation Installation	15	5/17/27	6/11/27	5	20	-70%	Decrease 500 kV distance
P-06	500 kV Interconnection	Structure Installation & Conductor Install	18	1/18/28	2/25/28	7	40	0%	Decrease 500 kV distance; are helicopters still used? PG&E: **YES**
P-07	500 kV Interconnection	Conductor Installation				0	0	-100%	PG&E: This effort will take place at same time as Stucutre Install since existing line will need to be taken out of service for work to occur
L-08	230 kV - New Overhead Transmission	Access Road Construction	12	5/1/27	5/22/27	6	19	20%	Increase 230 kV distance
L-09	230 kV - New Overhead Transmission	Foundation Installation	12	5/20/27	8/3/27	6	57	260%	Increase 230 kV distance
L-10	230 kV - New Overhead Transmission	Structure Installation	12	8/3/27	10/19/27	6	65	260%	Increase 230 kV distance
L-11	230 kV - New Overhead Transmission	Conductor Installation	30	10/20/27	12/6/27	6	39	150%	Increase 230 kV distance
L-14	230 kV - New Submerged Cable	Submarine Cable Installation	25	7/1/27	10/31/27	7	122	0%	Same as PP
L-15	230 kV - Southern Construction	Southern Transition Approach Construction	25	6/15/27	11/30/27	6	138	0%	Same as PP
L-16	230 kV - Southern Construction	Substation Getaways	20	6/1/27	8/23/27	6	70	0%	Same as PP
P-17	12 kV Distribution	Distribution Extension to Substation	10	6/1/26	7/16/26	6	38	-25%	Decrease 12 kV distance
L-18	Telecommunications	Fiber Extension to Substation	12	6/1/27	10/1/27	6	103	0%	Same as PP
P-19	Substation Modifications	Pittsburg Substation Upgrades	15	5/1/27	5/31/28	6	250	0%	Same as PP
L-20	General	Commissioning and Testing	24	11/1/27	6/1/28	6	174	0%	Same as PP?
L-21	General	Cleanup and Restoration	12	2/1/28	7/17/28	6	140	0%	Same as PP?
P-22	500 kV Transposition Structures	Foundation Installation	15	6/1/27	7/28/27	6	48	0%	Same as PP
P-23	500 kV Transposition Structures	Structure and Conductor Installation	30	1/18/28	2/29/28	6	36	0%	Same as PP
P-28	500 kV Transposition Structures	Helicopter Use	4	1/18/28	2/29/28	6	36	0%	Same as PP
L-24	230 kV - Northern Construction	Northern Transition Approach Construction	20	6/15/27	11/30/27	6	138	0%	Same as PP
P-25	Substation Modifications	Tesla Substation Upgrades	15	9/1/27	2/28/28	6	144	0%	Same as PP
P-26	Substation Modifications	Vaca Dixon Substation Upgrades	15	5/1/27	2/1/28	6	224	0%	Same as PP
P-27	Collinsville Substation	PG&E IT Work	15	1/1/27	8/31/27	6	202	0%	Same as PP?

Alternative 1 Average Daily Construction Emissions

Average Daily Construction Emissions in BAAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
200	BAAQMD	Unctrl	2026	5.4	47.6	54.7	0.2	2.4	139.0	141.4	1.9	14.4	16.4
320	BAAQMD	Unctrl	2027	24.6	245.1	177.6	0.5	13.1	350.5	363.5	11.7	36.9	48.1
164	BAAQMD	Unctrl	2028	8.1	56.0	63.8	0.2	4.6	247.4	252.0	3.2	28.1	31.3
200	BAAQMD	Ctrl	2026	2.7	20.9	79.1	0.2	1.3	37.9	39.2	1.0	4.3	5.3
320	BAAQMD	Ctrl	2027	17.9	126.2	205.3	0.5	5.4	97.2	102.7	4.4	11.5	15.9
164	BAAQMD	Ctrl	2028	5.4	26.9	78.5	0.2	3.4	68.6	72.0	2.1	8.9	11.0
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

Average Daily Construction Emissions in BAAQMD - During Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
122	BAAQMD	Unctrl	2027	48.5	508.5	312.0	0.8	26.4	376.3	402.7	23.1	39.7	62.8
122	BAAQMD	Ctrl	2027	36.1	252.2	344.0	0.8	8.7	105.4	114.2	7.3	12.7	19.9
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

Average Daily Construction Emissions in BAAQMD - Outside Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
198	BAAQMD	Unctrl	2027	9.9	82.8	94.7	0.3	4.8	334.6	339.4	3.8	35.2	39.1
198	BAAQMD	Ctrl	2027	6.7	48.5	119.8	0.3	3.4	92.2	95.6	2.6	10.9	13.4
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

Average Daily Construction Emissions in SMAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	SMAQMD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	SMAQMD	Unctrl	2027	49.4	556.4	268.6	0.6	28.0	2.0	29.9	25.0	0.5	25.5
0	SMAQMD	Unctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	SMAQMD	Ctrl	2027	38.2	260.8	264.7	0.6	5.6	2.0	7.6	5.1	0.5	5.5
0	SMAQMD	Ctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N/A	N/A	Threshold	N/A	None	85	None	None	None	None	80	None	None	82

Average Daily Construction Emissions in YSAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	YSAMQD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	YSAMQD	Unctrl	2027	0.5	4.1	7.1	0.0	0.3	38.8	39.1	0.2	4.1	4.3
27	YSAMQD	Unctrl	2028	1.3	4.9	6.3	0.0	0.5	24.5	25.0	0.2	2.6	2.9
0	YSAMQD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	YSAMQD	Ctrl	2027	0.4	2.6	9.9	0.0	0.2	10.9	11.2	0.1	1.3	1.5
27	YSAMQD	Ctrl	2028	1.0	2.0	7.8	0.0	0.3	7.1	7.4	0.1	0.9	1.0
39	YSAMQD	Unctrl	All	1.1	4.6	6.5	0.0	0.4	28.9	29.3	0.2	3.1	3.3
39	YSAMQD	Ctrl	All	0.8	2.2	8.4	0.0	0.3	8.3	8.6	0.1	1.0	1.2
N/A	N/A	Threshold	N/A	None	None	None	None	None	None	80	None	None	None

LSPGC - Average Daily Construction Emissions in BAAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
200	BAAQMD	Unctrl	2026	5.0	43.6	50.9	0.2	2.2	124.7	126.8	1.8	12.9	14.7
320	BAAQMD	Unctrl	2027	21.6	219.1	141.4	0.4	11.5	169.3	180.9	10.0	18.2	28.2
164	BAAQMD	Unctrl	2028	4.1	35.7	35.9	0.1	2.0	122.8	124.8	1.7	15.1	16.8
200	BAAQMD	Ctrl	2026	2.5	19.0	73.6	0.2	1.2	34.0	35.3	0.9	3.9	4.8
320	BAAQMD	Ctrl	2027	15.8	108.9	159.3	0.4	4.3	48.3	52.6	3.5	6.0	9.5
164	BAAQMD	Ctrl	2028	2.2	15.3	44.2	0.1	1.2	34.5	35.7	0.9	4.9	5.9
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

LSPGC - Average Daily Construction Emissions in BAAQMD - During Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
122	BAAQMD	Unctrl	2027	45.8	485.6	279.0	0.7	25.3	209.6	234.7	22.1	22.4	44.5
122	BAAQMD	Ctrl	2027	34.2	236.7	303.3	0.7	7.7	60.4	68.1	6.5	7.5	14.1
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

LSPGC - Average Daily Construction Emissions in BAAQMD - Outside Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
198	BAAQMD	Unctrl	2027	6.7	54.8	56.6	0.2	3.2	144.5	147.7	2.6	15.6	18.2
198	BAAQMD	Ctrl	2027	4.4	30.2	70.5	0.2	2.2	40.9	43.1	1.7	5.1	6.7
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

LSPGC - Average Daily Construction Emissions in SMAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	SMAQMD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	SMAQMD	Unctrl	2027	49.4	556.4	268.6	0.6	28.0	2.0	29.9	25.0	0.5	25.5
0	SMAQMD	Unctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	SMAQMD	Ctrl	2027	38.2	260.8	264.7	0.6	5.6	2.0	7.6	5.1	0.5	5.5
0	SMAQMD	Ctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N/A	N/A	Threshold	N/A	None	85	None	None	None	None	80	None	None	82

LSPGC - Average Daily Construction Emissions in YSAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	YSAMQD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Unctrl	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Unctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Ctrl	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Ctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Unctrl	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Ctrl	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N/A	N/A	Threshold	N/A	None	None	None	None	None	None	80	None	None	None

PG&E - Average Daily Construction Emissions in BAAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
37	BAAQMD	Unctrl	2026	2.2	21.5	20.3	0.1	1.2	77.6	78.7	0.9	8.0	8.9
320	BAAQMD	Unctrl	2027	3.0	26.1	36.2	0.1	1.5	181.1	182.7	1.2	18.7	19.9
126	BAAQMD	Unctrl	2028	5.2	26.5	36.3	0.2	3.4	162.2	165.6	2.0	16.9	18.9
37	BAAQMD	Ctrl	2026	1.1	10.1	29.2	0.1	0.7	20.6	21.3	0.5	2.3	2.8
320	BAAQMD	Ctrl	2027	2.1	17.2	46.0	0.1	1.2	48.9	50.1	0.8	5.5	6.4
126	BAAQMD	Ctrl	2028	4.1	15.1	44.6	0.2	2.9	44.3	47.2	1.6	5.1	6.7
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

PG&E - Average Daily Construction Emissions in BAAQMD - During Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
122	BAAQMD	Unctrl	2027	2.7	22.9	33.0	0.1	1.3	166.7	168.0	1.0	17.2	18.3
122	BAAQMD	Ctrl	2027	2.0	15.5	40.7	0.1	1.0	45.1	46.1	0.8	5.1	5.9
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

PG&E - Average Daily Construction Emissions in BAAQMD - Outside Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
198	BAAQMD	Unctrl	2027	3.2	28.0	38.3	0.1	1.6	190.0	191.7	1.2	19.6	20.9
198	BAAQMD	Ctrl	2027	2.2	18.3	49.3	0.1	1.3	51.2	52.5	0.9	5.8	6.7
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

PG&E - Average Daily Construction Emissions in SMAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	SMAQMD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Unctrl	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Unctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N/A	N/A	Threshold	N/A	None	85	None	None	None	None	80	None	None	82

PG&E - Average Daily Construction Emissions in YSAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	YSAMQD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	YSAMQD	Unctrl	2027	0.5	4.1	7.1	0.0	0.3	38.8	39.1	0.2	4.1	4.3
27	YSAMQD	Unctrl	2028	1.3	4.9	6.3	0.0	0.5	24.5	25.0	0.2	2.6	2.9
0	YSAMQD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	YSAMQD	Ctrl	2027	0.4	2.6	9.9	0.0	0.2	10.9	11.2	0.1	1.3	1.5
27	YSAMQD	Ctrl	2028	1.0	2.0	7.8	0.0	0.3	7.1	7.4	0.1	0.9	1.0
39	YSAMQD	Unctrl	All	1.1	4.6	6.5	0.0	0.4	28.9	29.3	0.2	3.1	3.3
39	YSAMQD	Ctrl	All	0.8	2.2	8.4	0.0	0.3	8.3	8.6	0.1	1.0	1.2
N/A	N/A	Threshold	N/A	None	None	None	None	None	None	80	None	None	None

Alternative 1 Annual GHG Emissions							
Annual GHG Emissions - BAAQMD (metric tons/year)							
Phase	CO2	CH4	N2O	SF6	CO2e		
Construction	10386.87	0.31	0.37	0.00	10503.83		
O&M	2.47	0.00	0.00	0.00	2.59		
Electricity	35.66	0.01	0.00	0.00	36.01		Amortized Co
SF6 Loss	0.00	0.00	0.00	0.01	214.00		350.127792
O&M Total	38.13	0.01	0.00	0.01	252.60		
Annual GHG Emissions - SMAQMD (metric tons/year)							
Phase	CO2	CH4	N2O	SF6	CO2e		
Construction	955.74	0.04	0.01	0.00	959.14		
O&M	0.00	0.00	0.00	0.00	0.00		
Electricity	0.00	0.00	0.00	0.00	0.00		
SF6 Loss	0.00	0.00	0.00	0.00	0.00		
O&M Total	0.00	0.00	0.00	0.00	0.00		
Annual GHG Emissions - YSAQMD (metric tons/year)							
Phase	CO2	CH4	N2O	SF6	CO2e		
Construction	46.15	0.00	0.00	0.00	46.76		
O&M	0.00	0.00	0.00	0.00	0.00		
Electricity	0.00	0.00	0.00	0.00	0.00		
SF6 Loss	0.00	0.00	0.00	0.00	0.00		
O&M Total	0.00	0.00	0.00	0.00	0.00		
Annual GHG Emissions - BAAQMD - By Utility (metric tons/year)							
Phase	Utility	CO2	CH4	N2O	SF6	CO2e	
Construction	LSPGC	7860.05	0.25	0.23	0.00	7935.70	
O&M	LSPGC	2.47	0.00	0.00	0.00	2.59	
Electricity	LSPGC	35.66	0.01	0.00	0.00	36.01	
SF6 Loss	LSPGC	0.00	0.00	0.00	0.01	214.00	
O&M Total	LSPGC	38.13	0.01	0.00	0.01	252.60	
Construction	PG&E	2526.82	0.06	0.13	0.00	2568.13	
O&M	PG&E	0.00	0.00	0.00	0.00	0.00	
Electricity	PG&E	0.00	0.00	0.00	0.00	0.00	
SF6 Loss	PG&E	0.00	0.00	0.00	0.00	0.00	
O&M Total	PG&E	0.00	0.00	0.00	0.00	0.00	
Annual GHG Emissions - SMAQMD - By Utility (metric tons/year)							
Phase	Utility	CO2	CH4	N2O	SF6	CO2e	
Construction	LSPGC	955.74	0.04	0.01	0.00	959.14	
O&M	LSPGC	0.00	0.00	0.00	0.00	0.00	
Electricity	LSPGC	0.00	0.00	0.00	0.00	0.00	
SF6 Loss	LSPGC	0.00	0.00	0.00	0.00	0.00	
O&M Total	LSPGC	0.00	0.00	0.00	0.00	0.00	
Construction	PG&E	0.00	0.00	0.00	0.00	0.00	
O&M	PG&E	0.00	0.00	0.00	0.00	0.00	
Electricity	PG&E	0.00	0.00	0.00	0.00	0.00	
SF6 Loss	PG&E	0.00	0.00	0.00	0.00	0.00	
O&M Total	PG&E	0.00	0.00	0.00	0.00	0.00	
Annual GHG Emissions - YSAQMD - By Utility (metric tons/year)							
Phase	Utility	CO2	CH4	N2O	SF6	CO2e	
Construction	LSPGC	0.00	0.00	0.00	0.00	0.00	
O&M	LSPGC	0.00	0.00	0.00	0.00	0.00	
Electricity	LSPGC	0.00	0.00	0.00	0.00	0.00	
SF6 Loss	LSPGC	0.00	0.00	0.00	0.00	0.00	
O&M Total	LSPGC	0.00	0.00	0.00	0.00	0.00	
Construction	PG&E	46.15	0.00	0.00	0.00	46.76	
O&M	PG&E	0.00	0.00	0.00	0.00	0.00	
Electricity	PG&E	0.00	0.00	0.00	0.00	0.00	
SF6 Loss	PG&E	0.00	0.00	0.00	0.00	0.00	
O&M Total	PG&E	0.00	0.00	0.00	0.00	0.00	

Alterntaive 1 VMTs									
Round Trip Summary - All						VMT Summary - All			
Vehicle Type	Component	Max	Average	Total		Vehicle Type	Max	Average	Total
Worker	Substation	107	46	31,364		Worker	28,880	11,668	7,980,640
Trucks	Substation	28	8	5,420		Trucks	4,920	1,544	1,056,240
Worker	Transmission	111	23	15,666		All	33,400	13,212	9,036,880
Trucks	Transmission	22	4	2,438					
Worker	Other	79	20	13,399					
Trucks	Other	18	4	2,465					
Worker	Misc	52	12	8,524					
Trucks	Misc	5	1	734					
Worker	All	256	101	68,953					
Trucks	All	49	16	11,057					
Round Trip Summary - LSPGC						VMT Summary - LSPGC			
Vehicle Type	Component	Max	Average	Total		Vehicle Type	Max	Average	Total
Worker	Substation	86	32	21,970		Worker	20,880	7,572	5,179,360
Trucks	Substation	28	6	4,106		Trucks	2,640	962	657,840
Worker	Transmission	110	18	12,198		All	23,520	8,534	5,837,200
Trucks	Transmission	20	3	2,023					
Worker	Other	35	6	4,305					
Trucks	Other	6	1	653					
Worker	Misc	52	12	8,524					
Trucks	Misc	5	1	734					
Worker	All	183	69	46,997					
Trucks	All	28	11	7,516					
Round Trip Summary - PG&E						Round Trip Summary - PG&E			
Vehicle Type	Component	Max	Average	Total		Vehicle Type	Max	Average	Total
Worker	Substation	44	19	9,394		Worker	19,040	5,800	2,801,280
Trucks	Substation	9	3	1,314		Trucks	3,320	825	398,400
Worker	Transmission	99	7	3,468		All	21,320	6,625	3,199,680
Trucks	Transmission	12	1	415					
Worker	Other	44	19	9,094					
Trucks	Other	12	4	1,812					
Worker	Misc	0	0	-					
Trucks	Misc	0	0	-					
Worker	All	166	45	21,956					
Trucks	All	31	7	3,541					

Alternative 2 Construction Activities									
Index	**Component**	**Activity Name**	**Workforce**	**Start Date**	**End Date**	**Days Per Week**	**Working Days**	**Percent Increase or Decrease in Duration/Activity Level?**	**Notes**
L-01	General	Survey	4	5/1/26	6/1/26	6	26	0%	Same as PP?
L-02	Collinsville Substation	Site Development/Staging Yards	12	5/1/26	9/14/26	6	114	50%	Same as PP? LSPGC: The additional grading would take place at this stage.
L-03	Collinsville Substation	Below-Grade Construction	40	9/1/26	2/24/27	6	152	0%	Additional grading LSPGC: This would be pushed back due to site development taking longer. This would be pushed back to start ~15 days prior to L-02 ending (as currently proposed).
L-04	Collinsville Substation	Above-Grade Construction	30	2/10/27	3/3/28	6	333	0%	Same as PP? LSPGC: This would be pushed back due to site development taking longer. This would be pushed back to start ~15 days before L-03 ending (as currently proposed).
P-05	500 kV Interconnection	Foundation Installation	15	5/17/27	6/11/27	5	20	-70%	Decrease 500 kV distance
P-06	500 kV Interconnection	Structure Installation & Conductor Install	18	1/18/28	2/25/28	7	40	0%	Decrease 500 kV distance; are helicopters still used? **YES**
P-07	500 kV Interconnection	Conductor Installation				0	0	-100%	This effort will take place at same time as Stucutre Install since existing line will need to be taken out of service for work to occur
L-08	230 kV - New Overhead Transmission	Access Road Construction	12	5/1/27	6/8/27	6	32	100%	Increase 230 kV distance
L-09	230 kV - New Overhead Transmission	Foundation Installation	12	5/20/27	9/29/27	6	110	500%	Increase 230 kV distance
L-10	230 kV - New Overhead Transmission	Structure Installation	12	8/30/27	1/22/28	6	120	500%	Increase 230 kV distance
L-11	230 kV - New Overhead Transmission	Conductor Installation	30	10/20/27	1/7/28	6	65	250%	Increase 230 kV distance Note that this was previously a typo and should be 1/7/2028 instead of 4/7/2028
L-14	230 kV - New Submerged Cable	Submarine Cable Installation	25	7/1/27	10/31/27	7	122	0%	Same as PP
L-15	230 kV - Southern Construction	Southern Transition Approach Construction	25	6/15/27	11/30/27	6	138	0%	Same as PP
L-16	230 kV - Southern Construction	Substation Getaways	20	6/1/27	8/23/27	6	70	0%	Same as PP
P-17	12 kV Distribution	Distribution Extension to Substation	10	6/1/26	7/16/26	6	38	-25%	Decrease 12 kV distance
L-18	Telecommunications	Fiber Extension to Substation	12	6/1/27	10/1/27	6	103	0%	Same as PP
P-19	Substation Modifications	Pittsburg Substation Upgrades	15	5/1/27	5/31/28	6	250	0%	Same as PP
L-20	General	Commissioning and Testing	24	11/1/27	6/1/28	6	174	0%	Same as PP?
L-21	General	Cleanup and Restoration	12	2/1/28	7/17/28	6	140	0%	Same as PP?
P-22	500 kV Transposition Structures	Foundation Installation	15	6/1/27	7/28/27	6	48	0%	Same as PP
P-23	500 kV Transposition Structures	Structure and Conductor Installation	30	1/18/28	2/29/28	6	36	0%	Same as PP
P-28	500 kV Transposition Structures	Helicopter Use	4	1/18/28	2/29/28	6	36	0%	Same as PP
L-24	230 kV - Northern Construction	Northern Transition Approach Construction	20	6/15/27	11/30/27	6	138	0%	Same as PP
P-25	Substation Modifications	Tesla Substation Upgrades	15	9/1/27	2/28/28	6	144	0%	Same as PP
P-26	Substation Modifications	Vaca Dixon Substation Upgrades	15	5/1/27	2/1/28	6	224	0%	Same as PP
P-27	Collinsville Substation	PG&E IT Work	15	1/1/27	8/31/27	6	202	0%	Same as PP?

Alternative 2 Average Daily Construction Emissions

Average Daily Construction Emissions in BAAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
200	BAAQMD	Unctrl	2026	5.7	49.8	56.4	0.2	2.4	142.2	144.6	2.0	14.7	16.7
320	BAAQMD	Unctrl	2027	25.5	253.3	185.5	0.5	13.4	367.6	381.0	11.5	38.8	50.3
164	BAAQMD	Unctrl	2028	7.5	58.1	65.2	0.2	4.5	240.3	244.7	3.3	27.4	30.6
200	BAAQMD	Ctrl	2026	2.7	21.0	82.2	0.2	1.3	38.6	40.0	1.0	4.4	5.4
320	BAAQMD	Ctrl	2027	18.2	128.4	216.3	0.5	5.6	102.0	107.6	4.5	12.1	16.6
164	BAAQMD	Ctrl	2028	4.6	27.0	80.8	0.2	3.2	66.6	69.9	2.1	8.6	10.8
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

Average Daily Construction Emissions in BAAQMD - During Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
122	BAAQMD	Unctrl	2027	49.1	515.0	319.3	0.8	26.8	410.3	437.1	23.4	43.2	66.6
122	BAAQMD	Ctrl	2027	36.5	255.9	354.3	0.8	9.0	114.6	123.6	7.5	13.7	21.1
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

Average Daily Construction Emissions in BAAQMD - Outside Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
198	BAAQMD	Unctrl	2027	10.9	92.0	103.1	0.3	5.2	341.2	346.5	4.2	36.1	40.3
198	BAAQMD	Ctrl	2027	6.9	49.7	131.2	0.3	3.5	94.2	97.7	2.6	11.2	13.8
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

Average Daily Construction Emissions in SMAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	SMAQMD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	SMAQMD	Unctrl	2027	49.4	556.4	268.6	0.6	28.0	2.0	29.9	25.0	0.5	25.5
0	SMAQMD	Unctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	SMAQMD	Ctrl	2027	38.2	260.8	264.7	0.6	5.6	2.0	7.6	5.1	0.5	5.5
0	SMAQMD	Ctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N/A	N/A	Threshold	N/A	None	85	None	None	None	None	80	None	None	82

Average Daily Construction Emissions in YSAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	YSAMQD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	YSAMQD	Unctrl	2027	0.5	4.1	7.1	0.0	0.3	38.8	39.1	0.2	4.1	4.3
27	YSAMQD	Unctrl	2028	1.3	4.9	6.3	0.0	0.5	24.5	25.0	0.2	2.6	2.9
0	YSAMQD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	YSAMQD	Ctrl	2027	0.4	2.6	9.9	0.0	0.2	10.9	11.2	0.1	1.3	1.5
27	YSAMQD	Ctrl	2028	1.0	2.0	7.8	0.0	0.3	7.1	7.4	0.1	0.9	1.0
39	YSAMQD	Unctrl	All	1.1	4.6	6.5	0.0	0.4	28.9	29.3	0.2	3.1	3.3
39	YSAMQD	Ctrl	All	0.8	2.2	8.4	0.0	0.3	8.3	8.6	0.1	1.0	1.2
N/A	N/A	Threshold	N/A	None	None	None	None	None	None	80	None	None	None

LSPGC - Average Daily Construction Emissions in BAAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
200	BAAQMD	Unctrl	2026	5.3	45.7	52.5	0.2	2.2	127.4	129.6	1.8	13.2	15.0
320	BAAQMD	Unctrl	2027	22.6	228.3	150.8	0.4	12.0	198.7	210.7	10.4	21.4	31.8
164	BAAQMD	Unctrl	2028	4.8	41.4	41.4	0.1	2.3	135.4	137.7	1.9	16.5	18.4
200	BAAQMD	Ctrl	2026	2.5	19.1	76.6	0.2	1.2	34.7	35.9	0.9	4.0	4.9
320	BAAQMD	Ctrl	2027	16.1	111.8	172.3	0.4	4.5	56.4	60.9	3.7	7.0	10.7
164	BAAQMD	Ctrl	2028	2.6	17.4	51.3	0.1	1.3	38.1	39.4	1.1	5.4	6.4
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

LSPGC - Average Daily Construction Emissions in BAAQMD - During Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
122	BAAQMD	Unctrl	2027	46.4	492.1	286.3	0.7	25.4	243.6	269.1	22.4	25.9	48.3
122	BAAQMD	Ctrl	2027	34.5	240.5	313.6	0.7	7.9	69.5	77.4	6.7	8.6	15.3
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

LSPGC - Average Daily Construction Emissions in BAAQMD - Outside Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
198	BAAQMD	Unctrl	2027	7.9	65.8	67.3	0.2	3.7	171.0	174.7	3.0	18.5	21.6
198	BAAQMD	Ctrl	2027	4.8	32.5	85.2	0.2	2.3	48.3	50.7	1.8	6.0	7.8
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

LSPGC - Average Daily Construction Emissions in SMAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	SMAQMD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	SMAQMD	Unctrl	2027	49.4	556.4	268.6	0.6	28.0	2.0	29.9	25.0	0.5	25.5
0	SMAQMD	Unctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	SMAQMD	Ctrl	2027	38.2	260.8	264.7	0.6	5.6	2.0	7.6	5.1	0.5	5.5
0	SMAQMD	Ctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N/A	N/A	Threshold	N/A	None	85	None	None	None	None	80	None	None	82

LSPGC - Average Daily Construction Emissions in YSAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	YSAMQD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Unctrl	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Unctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Ctrl	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Ctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Unctrl	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Ctrl	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N/A	N/A	Threshold	N/A	None	None	None	None	None	None	80	None	None	None

PG&E - Average Daily Construction Emissions in BAAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
37	BAAQMD	Unctrl	2026	2.2	22.1	20.8	0.1	1.2	79.7	80.9	1.0	8.2	9.1
320	BAAQMD	Unctrl	2027	2.9	25.0	34.7	0.1	1.5	168.9	170.3	1.1	17.5	18.6
126	BAAQMD	Unctrl	2028	3.4	21.7	31.0	0.1	2.8	136.5	139.3	1.8	14.2	15.9
37	BAAQMD	Ctrl	2026	1.2	10.4	30.0	0.1	0.7	21.2	21.9	0.5	2.3	2.9
320	BAAQMD	Ctrl	2027	2.0	16.5	44.0	0.1	1.1	45.6	46.7	0.8	5.2	6.0
126	BAAQMD	Ctrl	2028	2.6	12.5	38.4	0.1	2.4	37.1	39.6	1.4	4.3	5.7
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

PG&E - Average Daily Construction Emissions in BAAQMD - During Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
122	BAAQMD	Unctrl	2027	2.7	22.9	33.0	0.1	1.3	166.7	168.0	1.0	17.2	18.3
122	BAAQMD	Ctrl	2027	2.0	15.5	40.7	0.1	1.0	45.1	46.1	0.8	5.1	5.9
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

PG&E - Average Daily Construction Emissions in BAAQMD - Outside Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
198	BAAQMD	Unctrl	2027	3.0	26.2	35.8	0.1	1.5	170.2	171.7	1.2	17.6	18.7
198	BAAQMD	Ctrl	2027	2.1	17.2	46.1	0.1	1.2	45.9	47.1	0.8	5.2	6.0
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

PG&E - Average Daily Construction Emissions in SMAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	SMAQMD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Unctrl	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Unctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N/A	N/A	Threshold	N/A	None	85	None	None	None	None	80	None	None	82

PG&E - Average Daily Construction Emissions in YSAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	YSAMQD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	YSAMQD	Unctrl	2027	0.5	4.1	7.1	0.0	0.3	38.8	39.1	0.2	4.1	4.3
27	YSAMQD	Unctrl	2028	1.3	4.9	6.3	0.0	0.5	24.5	25.0	0.2	2.6	2.9
0	YSAMQD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	YSAMQD	Ctrl	2027	0.4	2.6	9.9	0.0	0.2	10.9	11.2	0.1	1.3	1.5
27	YSAMQD	Ctrl	2028	1.0	2.0	7.8	0.0	0.3	7.1	7.4	0.1	0.9	1.0
39	YSAMQD	Unctrl	All	1.1	4.6	6.5	0.0	0.4	28.9	29.3	0.2	3.1	3.3
39	YSAMQD	Ctrl	All	0.8	2.2	8.4	0.0	0.3	8.3	8.6	0.1	1.0	1.2
N/A	N/A	Threshold	N/A	None	None	None	None	None	None	80	None	None	None

Alternative 2 Annual GHG Emissions								
Annual GHG Emissions - BAAQMD (metric tons/year)								
Phase	CO2	CH4	N2O	SF6	CO2e			
Construction	11052.68	0.32	0.40	0.00	11179.59			
O&M	2.47	0.00	0.00	0.00	2.59			
Electricity	35.66	0.01	0.00	0.00	36.01		Amortized Construction Em	
SF6 Loss	0.00	0.00	0.00	0.01	214.00		372.653132	
O&M Total	38.13	0.01	0.00	0.01	252.60			
Annual GHG Emissions - SMAQMD (metric tons/year)								
Phase	CO2	CH4	N2O	SF6	CO2e			
Construction	955.74	0.04	0.01	0.00	959.14			
O&M	0.00	0.00	0.00	0.00	0.00			
Electricity	0.00	0.00	0.00	0.00	0.00			
SF6 Loss	0.00	0.00	0.00	0.00	0.00			
O&M Total	0.00	0.00	0.00	0.00	0.00			
Annual GHG Emissions - YSAQMD (metric tons/year)								
Phase	CO2	CH4	N2O	SF6	CO2e			
Construction	46.15	0.00	0.00	0.00	46.76			
O&M	0.00	0.00	0.00	0.00	0.00			
Electricity	0.00	0.00	0.00	0.00	0.00			
SF6 Loss	0.00	0.00	0.00	0.00	0.00			
O&M Total	0.00	0.00	0.00	0.00	0.00			
Annual GHG Emissions - BAAQMD - By Utility (metric tons/year)								
Phase	Utility	CO2	CH4	N2O	SF6	CO2e		
Construction	LSPGC	8300.64	0.26	0.25	0.00	8382.35		
O&M	LSPGC	2.47	0.00	0.00	0.00	2.59		
Electricity	LSPGC	35.66	0.01	0.00	0.00	36.01		
SF6 Loss	LSPGC	0.00	0.00	0.00	0.01	214.00		
O&M Total	LSPGC	38.13	0.01	0.00	0.01	252.60		
Construction	PG&E	2752.03	0.06	0.15	0.00	2797.24		
O&M	PG&E	0.00	0.00	0.00	0.00	0.00		
Electricity	PG&E	0.00	0.00	0.00	0.00	0.00		
SF6 Loss	PG&E	0.00	0.00	0.00	0.00	0.00		
O&M Total	PG&E	0.00	0.00	0.00	0.00	0.00		
Annual GHG Emissions - SMAQMD - By Utility (metric tons/year)								
Phase	Utility	CO2	CH4	N2O	SF6	CO2e		
Construction	LSPGC	955.74	0.04	0.01	0.00	959.14		
O&M	LSPGC	0.00	0.00	0.00	0.00	0.00		
Electricity	LSPGC	0.00	0.00	0.00	0.00	0.00		
SF6 Loss	LSPGC	0.00	0.00	0.00	0.00	0.00		
O&M Total	LSPGC	0.00	0.00	0.00	0.00	0.00		
Construction	PG&E	0.00	0.00	0.00	0.00	0.00		
O&M	PG&E	0.00	0.00	0.00	0.00	0.00		
Electricity	PG&E	0.00	0.00	0.00	0.00	0.00		
SF6 Loss	PG&E	0.00	0.00	0.00	0.00	0.00		
O&M Total	PG&E	0.00	0.00	0.00	0.00	0.00		
Annual GHG Emissions - YSAQMD - By Utility (metric tons/year)								
Phase	Utility	CO2	CH4	N2O	SF6	CO2e		
Construction	LSPGC	0.00	0.00	0.00	0.00	0.00		
O&M	LSPGC	0.00	0.00	0.00	0.00	0.00		
Electricity	LSPGC	0.00	0.00	0.00	0.00	0.00		
SF6 Loss	LSPGC	0.00	0.00	0.00	0.00	0.00		
O&M Total	LSPGC	0.00	0.00	0.00	0.00	0.00		
Construction	PG&E	46.15	0.00	0.00	0.00	46.76		
O&M	PG&E	0.00	0.00	0.00	0.00	0.00		
Electricity	PG&E	0.00	0.00	0.00	0.00	0.00		
SF6 Loss	PG&E	0.00	0.00	0.00	0.00	0.00		
O&M Total	PG&E	0.00	0.00	0.00	0.00	0.00		

Alternative 2 VMTs									
Round Trip Summary - All						VMT Summary - All			
Vehicle Type	Component	Max	Average	Total		Vehicle Type	Max	Average	Total
Worker	Substation	107	45	30,582		Worker	28,880	12,127	8,294,800
Trucks	Substation	28	8	5,458		Trucks	5,240	1,649	1,127,760
Worker	Transmission	115	31	20,882		All	33,400	13,776	9,422,560
Trucks	Transmission	26	5	3,413					
Worker	Other	79	20	13,385					
Trucks	Other	18	4	2,459					
Worker	Misc	52	12	8,524					
Trucks	Misc	5	1	734					
Worker	All	256	107	73,373					
Trucks	All	52	18	12,064					
Round Trip Summary - LSPGC						VMT Summary - LSPGC			
Vehicle Type	Component	Max	Average	Total		Vehicle Type	Max	Average	Total
Worker	Substation	86	31	21,188		Worker	19,160	8,031	5,493,520
Trucks	Substation	28	6	4,144		Trucks	2,480	1,066	729,360
Worker	Transmission	104	22	14,944		All	21,600	9,098	6,222,880
Trucks	Transmission	18	4	2,670					
Worker	Other	35	6	4,305					
Trucks	Other	6	1	653					
Worker	Misc	52	12	8,524					
Trucks	Misc	5	1	734					
Worker	All	169	72	48,961					
Trucks	All	28	12	8,201					
Round Trip Summary - PG&E						Round Trip Summary - PG&E			
Vehicle Type	Component	Max	Average	Total		Vehicle Type	Max	Average	Total
Worker	Substation	44	19	9,394		Worker	19,040	5,800	2,801,280
Trucks	Substation	9	3	1,314		Trucks	3,320	825	398,400
Worker	Transmission	99	12	5,938		All	21,320	6,625	3,199,680
Trucks	Transmission	12	2	743					
Worker	Other	44	19	9,080					
Trucks	Other	12	4	1,806					
Worker	Misc	0	0	-					
Trucks	Misc	0	0	-					
Worker	All	166	51	24,412					
Trucks	All	31	8	3,863					

Alternative 3 Construction Activities									
Index	**Component**	**Activity Name**	**Workforce**	**Start Date**	**End Date**	**Days Per Week**	**Working Days**	**Percent Increase or Decrease in Duration/Activity Level?**	**Notes**
L-01	General	Survey	4	5/1/26	6/1/26	6	26	0%	Same as PP
L-02	Collinsville Substation	Site Development/Staging Yards	12	5/1/26	8/1/26	6	76	0%	Same as PP
L-03	Collinsville Substation	Below-Grade Construction	40	7/14/26	1/14/27	6	152	0%	Same as PP
L-04	Collinsville Substation	Above-Grade Construction	30	1/2/27	2/11/28	6	333	0%	Same as PP
P-05	500 kV Interconnection	Foundation Installation	15	5/17/27	8/25/27	6	70	0%	
P-06	500 kV Interconnection	Structure Installation	15	7/29/27	9/23/27	6	40	0%	PG&E: With TSPs only do we remove helicopters from structure installation? **No** Helicopter will be used for transposition locations and install of conductor. Which crane is used? **Yes**
P-07	500 kV Interconnection	Conductor Installation	30	9/24/27	11/19/27	6	40	0%	
L-08	230 kV - New Overhead Transmission	Access Road Construction	12	5/1/27	5/19/27	6	16	0%	Same as PP
L-09	230 kV - New Overhead Transmission	Foundation Installation	12	5/20/27	6/15/27	6	22	0%	Same as PP
L-10	230 kV - New Overhead Transmission	Structure Installation	12	6/16/27	7/15/27	6	24	0%	Same as PP
L-11	230 kV - New Overhead Transmission	Conductor Installation	30	7/16/27	8/15/27	6	26	0%	Same as PP
L-14	230 kV - New Submerged Cable	Submarine Cable Installation	25	7/1/27	10/31/27	7	122	0%	Same as PP
L-15	230 kV - Southern Construction	Southern Transition Approach Construction	25	6/15/27	11/30/27	6	138	0%	Same as PP
L-16	230 kV - Southern Construction	Substation Getaways	20	6/1/27	8/23/27	6	70	0%	Same as PP
P-17	12 kV Distribution	Distribution Extension to Substation	10	6/1/26	8/1/26	6	51	0%	Same as PP
L-18	Telecommunications	Fiber Extension to Substation	12	6/1/27	10/1/27	6	103	0%	Same as PP
P-19	Substation Modifications	Pittsburg Substation Upgrades	15	5/1/27	5/31/28	6	250	0%	Same as PP
L-20	General	Commissioning and Testing	24	11/1/27	6/1/28	6	174	0%	Same as PP
L-21	General	Cleanup and Restoration	12	2/1/28	7/17/28	6	140	0%	Same as PP
P-22	500 kV Transposition Structures	Foundation Installation	15	6/1/27	7/28/27	6	48	0%	Same as PP
P-23	500 kV Transposition Structures	Structure and Conductor Installation	30	1/18/28	2/29/28	6	36	0%	Same as PP
P-28	500 kV Transposition Structures	Helicopter Use	4	1/18/28	2/29/28	6	36	0%	Same as PP
L-24	230 kV - Northern Construction	Northern Transition Approach Construction	20	6/15/27	11/30/27	6	138	0%	Same as PP
P-25	Substation Modifications	Tesla Substation Upgrades	15	9/1/27	2/28/28	6	144	0%	Same as PP
P-26	Substation Modifications	Vaca Dixon Substation Upgrades	15	5/1/27	2/1/28	6	224	0%	Same as PP
P-27	Collinsville Substation	PG&E IT Work	15	1/1/27	8/31/27	6	202	0%	Same as PP

Alternative 4 Construction Activities									
Index	**Component**	**Activity Name**	**Workforce**	**Start Date**	**End Date**	**Days Per Week**	**Working Days**	**Percent Increase or Decrease in Duration/Activity Level?**	**Notes**
L-01	General	Survey	4	5/1/26	6/1/26	6	26	0%	Same as PP?
L-02	Collinsville Substation	Site Development/Staging Yards	12	5/1/26	8/1/26	6	76	0%	Same as PP
L-03	Collinsville Substation	Below-Grade Construction	40	7/14/26	1/14/27	6	152	0%	Same as PP
L-04	Collinsville Substation	Above-Grade Construction	30	1/2/27	2/11/28	6	333	0%	Same as PP
P-05	500 kV Interconnection	Foundation Installation	15	5/17/27	8/25/27	6	70	0%	Same as PP
P-06	500 kV Interconnection	Structure Installation	15	7/29/27	9/23/27	6	40	0%	Same as PP
P-07	500 kV Interconnection	Conductor Installation	30	9/24/27	11/19/27	6	40	0%	Same as PP
L-08	230 kV - New Overhead Transmission	Access Road Construction	12	5/1/27	5/19/27	6	16	0%	LSPGC: The access road, foundations, and structure installation would all be marginally similar to the proposed route.
L-09	230 kV - New Overhead Transmission	Foundation Installation	12	5/20/27	6/15/27	6	22	0%	LSPGC: The access road, foundations, and structure installation would all be marginally similar to the proposed route.
L-10	230 kV - New Overhead Transmission	Structure Installation	12	6/16/27	7/15/27	6	24	0%	LSPGC: The access road, foundations, and structure installation would all be marginally similar to the proposed route.
L-11	230 kV - New Overhead Transmission	Conductor Installation	30	7/16/27	8/15/27	6	26	0%	LSPGC: The access road, foundations, and structure installation would all be marginally similar to the proposed route.
L-14	230 kV - New Submerged Cable	Submarine Cable Installation	25	7/1/27	10/31/27	7	122	0%	LSPGC: The access road, foundations, and structure installation would all be marginally similar to the proposed route.
L-15	230 kV - Southern Construction	Southern Transition Approach Construction	25	6/15/27	11/30/27	6	138	0%	Same as PP
L-16	230 kV - Southern Construction	Substation Getaways	20	6/1/27	8/23/27	6	70	0%	Same as PP
P-17	12 kV Distribution	Distribution Extension to Substation	10	6/1/26	8/1/26	6	51	0%	Same as PP
L-18	Telecommunications	Fiber Extension to Substation	12	6/1/27	10/1/27	6	103	0%	Same as PP
P-19	Substation Modifications	Pittsburg Substation Upgrades	15	5/1/27	5/31/28	6	250	0%	Same as PP
L-20	General	Commissioning and Testing	24	11/1/27	6/1/28	6	174	0%	Same as PP
L-21	General	Cleanup and Restoration	12	2/1/28	7/17/28	6	140	0%	Same as PP?
P-22	500 kV Transposition Structures	Foundation Installation	15	6/1/27	7/28/27	6	48	0%	Same as PP
P-23	500 kV Transposition Structures	Structure and Conductor Installation	30	1/18/28	2/29/28	6	36	0%	Same as PP
P-28	500 kV Transposition Structures	Helicopter Use	4	1/18/28	2/29/28	6	36	0%	Same as PP
L-24	230 kV - Northern Construction	Northern Transition Approach Construction	20	6/15/27	11/30/27	6	138	0%	Same as PP
P-25	Substation Modifications	Tesla Substation Upgrades	15	9/1/27	2/28/28	6	144	0%	Same as PP
P-26	Substation Modifications	Vaca Dixon Substation Upgrades	15	5/1/27	2/1/28	6	224	0%	Same as PP
P-27	Collinsville Substation	PG&E IT Work	15	1/1/27	8/31/27	6	202	0%	Same as PP

Alternative 5 Construction Activities								
Index	**Component**	**Activity Name**	**Workforce**	**Start Date**	**End Date**	**Days Per Week**	**Working Days**	**Notes**
L-01	General	Survey	4	5/1/26	6/1/26	6	26	Same as PP
L-02	Collinsville Substation	Site Development/Staging Yards	12	5/1/26	8/1/26	6	76	Same as PP
L-03	Collinsville Substation	Below-Grade Construction	40	7/14/26	1/14/27	6	152	Same as PP
L-04	Collinsville Substation	Above-Grade Construction	30	1/2/27	2/11/28	6	333	Same as PP
P-05	500 kV Interconnection	Foundation Installation	15	5/17/27	8/25/27	6	70	Same as PP
P-06	500 kV Interconnection	Structure Installation	15	7/29/27	9/23/27	6	40	Same as PP
P-07	500 kV Interconnection	Conductor Installation	30	9/24/27	11/19/27	6	40	Same as PP
L-08	230 kV - New Overhead Transmission	Access Road Construction	12	5/1/27	5/19/27	6	16	Same as PP
L-09	230 kV - New Overhead Transmission	Foundation Installation	12	5/20/27	6/15/27	6	22	Same as PP
L-10	230 kV - New Overhead Transmission	Structure Installation	12	6/16/27	7/15/27	6	24	Same as PP
L-11	230 kV - New Overhead Transmission	Conductor Installation	30	7/16/27	8/15/27	6	26	Same as PP
L-14	230 kV - New Submerged Cable	Submarine Cable Installation	25	7/1/27	10/31/27	7	122	
L-15	230 kV - Southern Construction	Southern Transition Approach Construction	25	6/15/27	11/30/27	6	138	Same as PP
L-16	230 kV - Southern Construction	Substation Getaways	20	6/1/27	8/23/27	6	70	Same as PP
P-17	12 kV Distribution	Distribution Extension to Substation	10	6/1/26	8/1/26	6	51	Same as PP
L-18	Telecommunications	Fiber Extension to Substation	12	6/1/27	10/1/27	6	103	Same as PP
P-19	Substation Modifications	Pittsburg Substation Upgrades	15	5/1/27	5/31/28	6	250	Same as PP
L-20	General	Commissioning and Testing	24	11/1/27	6/1/28	6	174	Same as PP
L-21	General	Cleanup and Restoration	12	2/1/28	7/17/28	6	140	Same as PP
P-22	500 kV Transposition Structures	Foundation Installation	15	6/1/27	7/28/27	6	48	Same as PP
P-23	500 kV Transposition Structures	Structure and Conductor Installation	30	1/18/28	2/29/28	6	36	Same as PP
P-28	500 kV Transposition Structures	Helicopter Use	4	1/18/28	2/29/28	6	36	Same as PP
L-24	230 kV - Northern Construction	Northern Transition Approach Construction	20	6/15/27	11/30/27	6	138	Same as PP
P-25	Substation Modifications	Tesla Substation Upgrades	15	9/1/27	2/28/28	6	144	Same as PP
P-26	Substation Modifications	Vaca Dixon Substation Upgrades	15	5/1/27	2/1/28	6	224	Same as PP
P-27	Collinsville Substation	PG&E IT Work	15	1/1/27	8/31/27	6	202	Same as PP

Alternative 5 230 kV submarine segment site prep equipment list

Construction equipment	**Analog Equipment**	**Noise level (dB, Lmax at 50 feet)**	**Number**	**Hours of Use**	**Hours of Use Daytime**	**Days of Use**
Anchor Winches	Diesel Engine	85	2	12	12	10
Crane	Boom Crane (200 ton)	81	1	11	11	10
Barge Tug	Tugboat / Large Engine Vessel	87	1	11	11	10
Small Boats	Small Outboard Motorboat	85	2	16	12	10
Anchor Tug	Tugboat	87	1	22	12	10

Alternative 5 Activity List

Type	Count	Index	Component	Activity Name	Workforce	Start Date	End Date	Days Per Wee	Schedule Day	Working Days	BAAQMD Perc	SMAQMD Per	YSAQMD Perc	PD Phase
LSPGC	1	L-01	General	Survey	4	5/1/26	6/1/26	6	26	26	1	0	0	Survey
LSPGC	2	L-02	Collinsville Substation	Site Development/Staging Yards	12	5/1/26	8/1/26	6	76	76	1	0	0	LSPGC Collinsville Substation
LSPGC	3	L-03	Collinsville Substation	Below-Grade Construction	40	7/14/26	1/14/27	6	152	152	1	0	0	LSPGC Collinsville Substation
LSPGC	4	L-04	Collinsville Substation	Above-Grade Construction	30	1/2/27	2/11/28	6	333	333	1	0	0	LSPGC Collinsville Substation
PG&E	5	P-05	500 kV Interconnection	Foundation Installation	15	5/17/27	8/25/27	6	84	70	1	0	0	PG&E 500 kV Interconnection**
PG&E	6	P-06	500 kV Interconnection	Structure Installation	15	7/29/27	9/23/27	6	48	40	1	0	0	PG&E 500 kV Interconnection**
PG&E	7	P-07	500 kV Interconnection	Conductor Installation	30	9/24/27	11/19/27	6	47	40	1	0	0	PG&E 500 kV Interconnection**
LSPGC	8	L-08	230 kV - New Overhead Transmission	Access Road Construction	12	5/1/27	5/19/27	6	16	16	1	0	0	LSPGC 230 kV Overhead Segment
LSPGC	9	L-09	230 kV - New Overhead Transmission	Foundation Installation	12	5/20/27	6/15/27	6	22	22	1	0	0	LSPGC 230 kV Overhead Segment
LSPGC	10	L-10	230 kV - New Overhead Transmission	Structure Installation	12	6/16/27	7/15/27	6	24	24	1	0	0	LSPGC 230 kV Overhead Segment
LSPGC	11	L-11	230 kV - New Overhead Transmission	Conductor Installation	30	7/16/27	8/15/27	6	26	26	1	0	0	LSPGC 230 kV Overhead Segment
LSPGC	14	L-14	230 kV - New Submerged Cable	Submarine Cable Installation	25	7/1/27	10/31/27	7	122	122	0.7	0.3	0	LSPGC 230 kV Submarine Segment
LSPGC	15	L-15	230 kV - Southern Construction	Southern Transition Approach Construction	25	6/15/27	11/30/27	6	138	138	1	0	0	LSPGC 230 kV Submarine Segment
LSPGC	16	L-16	230 kV - Southern Construction	Substation Getaways	20	6/1/27	8/23/27	6	70	70	1	0	0	LSPGC 230 kV Underground Segment
PG&E	17	P-17	12 kV Distribution	Distribution Extension to Substation	10	6/1/26	8/1/26	6	51	51	1	0	0	PG&E 12 kV Distribution Line**
LSPGC	18	L-18	Telecommunications	Fiber Extension to Substation	12	6/1/27	10/1/27	6	103	103	1	0	0	LSPGC Telecommunications Line
PG&E	19	P-19	Substation Modifications	Pittsburg Substation Upgrades	15	5/1/27	5/31/28	6	325	250	1	0	0	PG&E Substation Modifications**
LSPGC	20	L-20	General	Commissioning and Testing	24	11/1/27	6/1/28	6	174	174	1	0	0	Testing and Commissioning****
LSPGC	21	L-21	General	Cleanup and Restoration	12	2/1/28	7/17/28	6	140	140	1	0	0	Site and ROW Restoration
PG&E	22	P-22	500 kV Transposition Structures	Foundation Installation	15	6/1/27	7/28/27	6	48	48	0.75	0	0.25	PG&E 500 kV Transposition Structures
PG&E	23	P-23	500 kV Transposition Structures	Structure and Conductor Installation	30	1/18/28	2/29/28	6	36	36	0.75	0	0.25	PG&E 500 kV Transposition Structures
PG&E	28	P-28	500 kV Transposition Structures	Helicopter Use	4	1/18/28	2/29/28	6	36	36	0.5	0	0.5	PG&E 500 kV Transposition Structures
LSPGC	24	L-24	230 kV - Northern Construction	Northern Transition Approach Construction	20	6/15/27	11/30/27	6	138	138	1	0	0	LSPGC 230 kV Submarine Segment
PG&E	25	P-25	Substation Modifications	Tesla Substation Upgrades	15	9/1/27	2/28/28	6	144	144	1	0	0	PG&E Substation Modifications**
PG&E	26	P-26	Substation Modifications	Vaca Dixon Substation Upgrades	15	5/1/27	2/1/28	6	224	224	1	0	0	PG&E Substation Modifications**
PG&E	27	P-27	Collinsville Substation	PG&E IT Work	15	1/1/27	8/31/27	6	202	202	1	0	0	LSPGC Collinsville Substation
LSPGC	29	L-29	230 kV - New Submerged Cable	230 kV submarine site developmet	25	9/15/2026	9/25/2026	7	10	10	1	0	0	LSPGC 230 kV Submarine Segment

BAAQMD Calendar Day Count

Min Day	Max Day	Day Count
5/1/26	12/31/26	245
1/1/27	12/31/27	365
1/1/28	7/1/28	183

Alternative 5 Site Prep Equipment Inputs

EquipIndex	Activity Number	Activity Index	Activity Name	Equipment Name	HP	Fuel Type	Quantity	Days Manual Override*	Days Used	Hours Per Day	EquipConcat	On-Off	Earth Moving	Off Count	On Count	Boat Count	Earth Moving Count	On Type	CalEEModType	On Distance	Trips Per Day	VMT	Total VMT	Total Trips per day	Automobile?
287	29	L-29	Site Preparation	Anchor Winches	225	Diesel	2	10	10	12	Anchor Winches_225	off		158					Other Construc						
288	29	L-29	Site Preparation	Crane	180	Diesel	1	10	10	11	Crane_180	off		158					Cranes						
289	29	L-29	Site Preparation	Barge Tug	2000	Diesel	1	10	10	11	Barge Tug_2000	boat				6									
290	29	L-29	Site Preparation	Small Boats	250	Diesel	2	10	10	12	Small Boats_250	boat				7									
291	29	L-29	Site Preparation	Anchor Tug	1320	Diesel	1	10	10	12	Anchor Tug_1320	boat				8									

Alternative 5 Average Daily Construction Emissions

Average Daily Construction Emissions in BAAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
200	BAAQMD	Unctrl	2026	7.2	68.2	62.2	0.2	3.6	146.0	149.6	3.3	15.2	18.2
320	BAAQMD	Unctrl	2027	25.1	242.7	175.9	0.5	13.7	345.2	358.9	11.4	36.4	47.8
164	BAAQMD	Unctrl	2028	5.7	48.2	53.6	0.2	2.8	214.2	216.9	2.2	24.6	26.9
200	BAAQMD	Ctrl	2026	4.6	34.0	86.0	0.2	1.7	39.9	41.6	1.4	4.6	5.9
320	BAAQMD	Ctrl	2027	18.7	126.1	201.6	0.5	6.1	95.9	102.0	4.7	11.4	16.1
164	BAAQMD	Ctrl	2028	3.4	23.1	66.4	0.2	1.8	59.3	61.1	1.3	7.7	9.1
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

Average Daily Construction Emissions in BAAQMD - During Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
122	BAAQMD	Unctrl	2027	50.9	515.1	320.4	0.9	28.4	402.2	430.6	24.1	42.4	66.5
122	BAAQMD	Ctrl	2027	38.3	255.3	351.0	0.9	10.5	112.7	123.2	8.1	13.5	21.7
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

Average Daily Construction Emissions in BAAQMD - Outside Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
198	BAAQMD	Unctrl	2027	9.2	74.8	86.9	0.3	4.6	310.1	314.7	3.6	32.6	36.2
198	BAAQMD	Ctrl	2027	6.5	46.5	109.6	0.3	3.4	85.6	89.0	2.6	10.1	12.7
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

Average Daily Construction Emissions in SMAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	SMAQMD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	SMAQMD	Unctrl	2027	49.4	556.4	268.6	0.6	28.0	2.0	29.9	25.0	0.5	25.5
0	SMAQMD	Unctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	SMAQMD	Ctrl	2027	38.2	260.8	264.7	0.6	5.6	2.0	7.6	5.1	0.5	5.5
0	SMAQMD	Ctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N/A	N/A	Threshold	N/A	None	85	None	None	None	None	80	None	None	82

Average Daily Construction Emissions in YSAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	YSAMQD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	YSAMQD	Unctrl	2027	0.5	4.1	7.1	0.0	0.3	38.8	39.1	0.2	4.1	4.3
27	YSAMQD	Unctrl	2028	1.3	4.9	6.3	0.0	0.5	24.5	25.0	0.2	2.6	2.9
0	YSAMQD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	YSAMQD	Ctrl	2027	0.4	2.6	9.9	0.0	0.2	10.9	11.2	0.1	1.3	1.5
27	YSAMQD	Ctrl	2028	1.0	2.0	7.8	0.0	0.3	7.1	7.4	0.1	0.9	1.0
39	YSAMQD	Unctrl	All	1.1	4.6	6.5	0.0	0.4	28.9	29.3	0.2	3.1	3.3
39	YSAMQD	Ctrl	All	0.8	2.2	8.4	0.0	0.3	8.3	8.6	0.1	1.0	1.2
N/A	N/A	Threshold	N/A	None	None	None	None	None	None	80	None	None	None

LSPGC - Average Daily Construction Emissions in BAAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
200	BAAQMD	Unctrl	2026	6.6	62.8	57.0	0.2	3.3	126.2	129.6	2.8	13.2	16.0
320	BAAQMD	Unctrl	2027	20.9	212.8	134.8	0.3	11.2	147.7	158.9	9.8	15.9	25.7
164	BAAQMD	Unctrl	2028	4.0	35.2	35.4	0.1	2.0	121.6	123.5	1.7	15.0	16.7
200	BAAQMD	Ctrl	2026	4.3	31.4	78.5	0.2	1.6	34.6	36.2	1.2	4.0	5.2
320	BAAQMD	Ctrl	2027	15.5	107.1	149.7	0.3	4.3	42.5	46.8	3.4	5.3	8.8
164	BAAQMD	Ctrl	2028	2.2	15.0	43.6	0.1	1.2	34.2	35.4	0.9	4.8	5.8
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

LSPGC - Average Daily Construction Emissions in BAAQMD - During Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
122	BAAQMD	Unctrl	2027	45.8	482.4	274.4	0.7	25.0	183.9	208.9	22.0	19.8	41.8
122	BAAQMD	Ctrl	2027	34.4	235.2	294.0	0.7	7.7	53.5	61.2	6.5	6.8	13.2
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

LSPGC - Average Daily Construction Emissions in BAAQMD - Outside Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
198	BAAQMD	Unctrl	2027	5.6	46.7	48.7	0.1	2.7	125.4	128.1	2.3	13.5	15.8
198	BAAQMD	Ctrl	2027	3.9	28.1	60.7	0.1	1.9	35.6	37.6	1.6	4.4	6.0
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

LSPGC - Average Daily Construction Emissions in SMAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	SMAQMD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	SMAQMD	Unctrl	2027	49.4	556.4	268.6	0.6	28.0	2.0	29.9	25.0	0.5	25.5
0	SMAQMD	Unctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	SMAQMD	Ctrl	2027	38.2	260.8	264.7	0.6	5.6	2.0	7.6	5.1	0.5	5.5
0	SMAQMD	Ctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N/A	N/A	Threshold	N/A	None	85	None	None	None	None	80	None	None	82

LSPGC - Average Daily Construction Emissions in YSAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	YSAMQD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Unctrl	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Unctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Ctrl	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Ctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Unctrl	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Ctrl	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N/A	N/A	Threshold	N/A	None	None	None	None	None	None	80	None	None	None

PG&E - Average Daily Construction Emissions in BAAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
51	BAAQMD	Unctrl	2026	2.2	21.5	20.3	0.1	1.2	77.6	78.7	0.9	8.0	8.9
320	BAAQMD	Unctrl	2027	4.2	29.8	41.1	0.2	2.4	197.5	200.0	1.6	20.5	22.1
126	BAAQMD	Unctrl	2028	2.1	16.9	23.7	0.1	1.0	120.5	121.6	0.8	12.5	13.3
51	BAAQMD	Ctrl	2026	1.1	10.1	29.2	0.1	0.7	20.6	21.3	0.5	2.3	2.8
320	BAAQMD	Ctrl	2027	3.1	19.0	52.0	0.2	2.0	53.5	55.5	1.3	6.1	7.3
126	BAAQMD	Ctrl	2028	1.5	10.6	29.6	0.1	0.8	32.7	33.5	0.5	3.7	4.3
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

PG&E - Average Daily Construction Emissions in BAAQMD - During Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
122	BAAQMD	Unctrl	2027	5.1	32.6	45.9	0.2	3.4	218.3	221.7	2.1	22.6	24.8
122	BAAQMD	Ctrl	2027	3.9	20.1	57.0	0.2	2.9	59.2	62.1	1.7	6.8	8.4
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

PG&E - Average Daily Construction Emissions in BAAQMD - Outside Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
198	BAAQMD	Unctrl	2027	3.6	28.1	38.2	0.1	1.9	184.7	186.6	1.3	19.1	20.4
198	BAAQMD	Ctrl	2027	2.6	18.3	48.9	0.1	1.5	49.9	51.4	1.0	5.7	6.6
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

PG&E - Average Daily Construction Emissions in SMAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	SMAQMD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Unctrl	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Unctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N/A	N/A	Threshold	N/A	None	85	None	None	None	None	80	None	None	82

PG&E - Average Daily Construction Emissions in YSAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	YSAMQD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	YSAMQD	Unctrl	2027	0.5	4.1	7.1	0.0	0.3	38.8	39.1	0.2	4.1	4.3
27	YSAMQD	Unctrl	2028	1.3	4.9	6.3	0.0	0.5	24.5	25.0	0.2	2.6	2.9
0	YSAMQD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	YSAMQD	Ctrl	2027	0.4	2.6	9.9	0.0	0.2	10.9	11.2	0.1	1.3	1.5
27	YSAMQD	Ctrl	2028	1.0	2.0	7.8	0.0	0.3	7.1	7.4	0.1	0.9	1.0
39	YSAMQD	Unctrl	All	1.1	4.6	6.5	0.0	0.4	28.9	29.3	0.2	3.1	3.3
39	YSAMQD	Ctrl	All	0.8	2.2	8.4	0.0	0.3	8.3	8.6	0.1	1.0	1.2
N/A	N/A	Threshold	N/A	None	None	None	None	None	None	80	None	None	None

Alternative 5 Annual GHG Emissions							
Annual GHG Emissions - BAAQMD (metric tons/year)							
Phase	CO2	CH4	N2O	SF6	CO2e		
Construction	10304.63	0.30	0.36	0.00	10420.51		
O&M	2.47	0.00	0.00	0.00	2.59		
Electricity	35.66	0.01	0.00	0.00	36.01		Amortized Co
SF6 Loss	0.00	0.00	0.00	0.01	214.00		347.350201
O&M Total	38.13	0.01	0.00	0.01	252.60		
Annual GHG Emissions - SMAQMD (metric tons/year)							
Phase	CO2	CH4	N2O	SF6	CO2e		
Construction	955.74	0.04	0.01	0.00	959.14		
O&M	0.00	0.00	0.00	0.00	0.00		
Electricity	0.00	0.00	0.00	0.00	0.00		
SF6 Loss	0.00	0.00	0.00	0.00	0.00		
O&M Total	0.00	0.00	0.00	0.00	0.00		
Annual GHG Emissions - YSAQMD (metric tons/year)							
Phase	CO2	CH4	N2O	SF6	CO2e		
Construction	46.15	0.00	0.00	0.00	46.76		
O&M	0.00	0.00	0.00	0.00	0.00		
Electricity	0.00	0.00	0.00	0.00	0.00		
SF6 Loss	0.00	0.00	0.00	0.00	0.00		
O&M Total	0.00	0.00	0.00	0.00	0.00		
Annual GHG Emissions - BAAQMD - By Utility (metric tons/year)							
Phase	Utility	CO2	CH4	N2O	SF6	CO2e	
Construction	LSPGC	7501.30	0.24	0.21	0.00	7571.07	
O&M	LSPGC	2.47	0.00	0.00	0.00	2.59	
Electricity	LSPGC	35.66	0.01	0.00	0.00	36.01	
SF6 Loss	LSPGC	0.00	0.00	0.00	0.01	214.00	
O&M Total	LSPGC	38.13	0.01	0.00	0.01	252.60	
Construction	PG&E	2803.33	0.06	0.15	0.00	2849.44	
O&M	PG&E	0.00	0.00	0.00	0.00	0.00	
Electricity	PG&E	0.00	0.00	0.00	0.00	0.00	
SF6 Loss	PG&E	0.00	0.00	0.00	0.00	0.00	
O&M Total	PG&E	0.00	0.00	0.00	0.00	0.00	
Annual GHG Emissions - SMAQMD - By Utility (metric tons/year)							
Phase	Utility	CO2	CH4	N2O	SF6	CO2e	
Construction	LSPGC	955.74	0.04	0.01	0.00	959.14	
O&M	LSPGC	0.00	0.00	0.00	0.00	0.00	
Electricity	LSPGC	0.00	0.00	0.00	0.00	0.00	
SF6 Loss	LSPGC	0.00	0.00	0.00	0.00	0.00	
O&M Total	LSPGC	0.00	0.00	0.00	0.00	0.00	
Construction	PG&E	0.00	0.00	0.00	0.00	0.00	
O&M	PG&E	0.00	0.00	0.00	0.00	0.00	
Electricity	PG&E	0.00	0.00	0.00	0.00	0.00	
SF6 Loss	PG&E	0.00	0.00	0.00	0.00	0.00	
O&M Total	PG&E	0.00	0.00	0.00	0.00	0.00	
Annual GHG Emissions - YSAQMD - By Utility (metric tons/year)							
Phase	Utility	CO2	CH4	N2O	SF6	CO2e	
Construction	LSPGC	0.00	0.00	0.00	0.00	0.00	
O&M	LSPGC	0.00	0.00	0.00	0.00	0.00	
Electricity	LSPGC	0.00	0.00	0.00	0.00	0.00	
SF6 Loss	LSPGC	0.00	0.00	0.00	0.00	0.00	
O&M Total	LSPGC	0.00	0.00	0.00	0.00	0.00	
Construction	PG&E	46.15	0.00	0.00	0.00	46.76	
O&M	PG&E	0.00	0.00	0.00	0.00	0.00	
Electricity	PG&E	0.00	0.00	0.00	0.00	0.00	
SF6 Loss	PG&E	0.00	0.00	0.00	0.00	0.00	
O&M Total	PG&E	0.00	0.00	0.00	0.00	0.00	

Alternative 5 VMTs									
Round Trip Summary - All						VMT Summary - All			
Vehicle Type	Component	Max	Average	Total		Vehicle Type	Max	Average	Total
Worker	Substation	107	45	30,864		Worker	33,400	11,832	8,093,240
Trucks	Substation	28	7	5,020		Trucks	5,800	1,498	1,024,640
Worker	Transmission	154	24	16,378		All	38,560	13,330	9,117,880
Trucks	Transmission	30	3	2,353					
Worker	Other	79	20	13,581					
Trucks	Other	18	4	2,543					
Worker	Misc	52	12	8,524					
Trucks	Misc	5	1	734					
Worker	All	292	101	69,347					
Trucks	All	57	16	10,650					
Round Trip Summary - LSPGC						VMT Summary - LSPGC			
Vehicle Type	Component	Max	Average	Total		Vehicle Type	Max	Average	Total
Worker	Substation	86	31	21,470		Worker	21,600	7,359	5,033,600
Trucks	Substation	28	5	3,706		Trucks	2,480	871	595,440
Worker	Transmission	116	15	10,440		All	23,560	8,230	5,629,040
Trucks	Transmission	18	2	1,610					
Worker	Other	35	6	4,305					
Trucks	Other	6	1	653					
Worker	Misc	52	12	8,524					
Trucks	Misc	5	1	734					
Worker	All	189	65	44,739					
Trucks	All	28	10	6,703					
Round Trip Summary - PG&E						Round Trip Summary - PG&E			
Vehicle Type	Component	Max	Average	Total		Vehicle Type	Max	Average	Total
Worker	Substation	44	19	9,394		Worker	12,440	6,156	3,059,640
Trucks	Substation	9	3	1,314		Trucks	3,320	864	429,200
Worker	Transmission	42	12	5,938		All	15,000	7,020	3,488,840
Trucks	Transmission	12	1	743					
Worker	Other	44	19	9,276					
Trucks	Other	12	4	1,890					
Worker	Misc	0	0	-					
Trucks	Misc	0	0	-					
Worker	All	109	50	24,608					
Trucks	All	31	8	3,947					

Alternative 6a Construction Activities									
Index	**Component**	**Activity Name**	**Workforce**	**Start Date**	**End Date**	**Days Per Week**	**Working Days**	**Percent Increase or Decrease in Duration/Activity Level?**	**Notes**
L-01	General	Survey	4	5/1/26	6/1/26	6	26	0%	
L-02	Collinsville Substation	Site Development/Staging Yards	12	5/1/26	8/1/26	6	76	0%	Same as PP
L-03	Collinsville Substation	Below-Grade Construction	40	7/14/26	1/14/27	6	152	0%	Same as PP
L-04	Collinsville Substation	Above-Grade Construction	30	1/2/27	2/11/28	6	333	0%	Same as PP
P-05	500 kV Interconnection	Foundation Installation	15	5/17/27	8/25/27	6	70	0%	Same as PP
P-06	500 kV Interconnection	Structure Installation	15	7/29/27	9/23/27	6	40	0%	Same as PP
P-07	500 kV Interconnection	Conductor Installation	30	9/24/27	11/19/27	6	40	0%	Same as PP
L-08	230 kV - New Overhead Transmission	Access Road Construction	12	5/1/27	5/19/27	6	16	-100%	Replaced by underground 230 kV route
L-09	230 kV - New Overhead Transmission	Foundation Installation	12	5/20/27	6/15/27	6	22	-100%	Replaced by underground 230 kV route
L-10	230 kV - New Overhead Transmission	Structure Installation	12	6/16/27	7/15/27	6	24	-100%	Replaced by underground 230 kV route
L-11	230 kV - New Overhead Transmission	Conductor Installation	30	7/16/27	8/15/27	6	26	-100%	Replaced by underground 230 kV route
L-??	230 kV - Northern Construction	Northern Transition Approach Construction	25	6/15/27	11/30/27	6	138	0%	Added new activity
L-??	230 kV - Northern Construction	Substation Getaways	20	6/1/27	8/23/27	6	30	0%	Added new activity
L-14	230 kV - New Submerged Cable	Submarine Cable Installation	25	7/1/27	10/31/27	7	122	0%	Same as PP/Alt 4?
L-15	230 kV - Southern Construction	Southern Transition Approach Construction	25	6/15/27	11/30/27	6	138	0%	Same as PP
L-16	230 kV - Southern Construction	Substation Getaways	20	6/1/27	8/23/27	6	70	0%	Same as PP
P-17	12 kV Distribution	Distribution Extension to Substation	10	6/1/26	8/1/26	6	51	0%	Same as PP
L-18	Telecommunications	Fiber Extension to Substation	12	6/1/27	10/1/27	6	103	0%	Same as PP
P-19	Substation Modifications	Pittsburg Substation Upgrades	15	5/1/27	5/31/28	6	250	0%	Same as PP
L-20	General	Commissioning and Testing	24	11/1/27	6/1/28	6	174	0%	Same as PP
L-21	General	Cleanup and Restoration	12	2/1/28	7/17/28	6	140	0%	
P-22	500 kV Transposition Structures	Foundation Installation	15	6/1/27	7/28/27	6	48	0%	Same as PP
P-23	500 kV Transposition Structures	Structure and Conductor Installation	30	1/18/28	2/29/28	6	36	0%	Same as PP
P-28	500 kV Transposition Structures	Helicopter Use	4	1/18/28	2/29/28	6	36	0%	Same as PP
L-24	230 kV - Northern Construction	Northern Transition Approach Construction	20	6/15/27	11/30/27	6	138	0%	Same as PP
P-25	Substation Modifications	Tesla Substation Upgrades	15	9/1/27	2/28/28	6	144	0%	Same as PP
P-26	Substation Modifications	Vaca Dixon Substation Upgrades	15	5/1/27	2/1/28	6	224	0%	Same as PP
P-27	Collinsville Substation	PG&E IT Work	15	1/1/27	8/31/27	6	202	0%	Same as PP

Alternative 6b1 Construction Activities									
Index	**Component**	**Activity Name**	**Workforce**	**Start Date**	**End Date**	**Days Per Week**	**Working Days**	**Percent Increase or Decrease in Duration/Activity Level?**	**Notes**
L-01	General	Survey	4	5/1/26	6/1/26	6	26	0%	
L-02	Collinsville Substation	Site Development/Staging Yards	12	5/1/26	8/1/26	6	76	0%	Same as PP
L-03	Collinsville Substation	Below-Grade Construction	40	7/14/26	1/14/27	6	152	0%	Same as PP
L-04	Collinsville Substation	Above-Grade Construction	30	1/2/27	2/11/28	6	333	0%	Same as PP
P-05	500 kV Interconnection	Foundation Installation	15	5/17/27	8/25/27	6	70	0%	Same as PP
P-06	500 kV Interconnection	Structure Installation	15	7/29/27	9/23/27	6	40	0%	Same as PP
P-07	500 kV Interconnection	Conductor Installation	30	9/24/27	11/19/27	6	40	0%	Same as PP
L-08	230 kV - New Overhead Transmission	Access Road Construction	12	5/1/27	5/22/27	6	19	20%	Change from values provided for Alternative 1
L-09	230 kV - New Overhead Transmission	Foundation Installation	12	5/20/27	7/8/27	6	40	180%	Change from values provided for Alternative 1
L-10	230 kV - New Overhead Transmission	Structure Installation	12	7/12/27	8/30/27	6	43	180%	Change from values provided for Alternative 1
L-11	230 kV - New Overhead Transmission	Conductor Installation	30	9/1/27	10/18/27	6	39	150%	Change from values provided for Alternative 1
L-??	230 kV - Northern Construction (Underground)	Northern Transition Approach Construction	25	6/15/27	11/30/27	6	138	0%	Added new activity
L-??	230 kV - Northern Construction (Underground)	Substation Getaways	20	6/1/27	8/23/27	6	30	0%	Added new activity
L-14	230 kV - New Submerged Cable	Submarine Cable Installation	25	7/1/27	10/31/27	7	122	0%	Same as PP/Alt 4?
L-15	230 kV - Southern Construction	Southern Transition Approach Construction	25	6/15/27	11/30/27	6	138	0%	Same as PP
L-16	230 kV - Southern Construction	Substation Getaways	20	6/1/27	8/23/27	6	70	0%	Same as PP
P-17	12 kV Distribution	Distribution Extension to Substation	10	6/1/26	8/1/26	6	51	0%	Same as PP
L-18	Telecommunications	Fiber Extension to Substation	12	6/1/27	10/1/27	6	103	0%	Same as PP
P-19	Substation Modifications	Pittsburg Substation Upgrades	15	5/1/27	5/31/28	6	250	0%	Same as PP
L-20	General	Commissioning and Testing	24	11/1/27	6/1/28	6	174	0%	Same as PP
L-21	General	Cleanup and Restoration	12	2/1/28	7/17/28	6	140	0%	
P-22	500 kV Transposition Structures	Foundation Installation	15	6/1/27	7/28/27	6	48	0%	Same as PP
P-23	500 kV Transposition Structures	Structure and Conductor Installation	30	1/18/28	2/29/28	6	36	0%	Same as PP
P-28	500 kV Transposition Structures	Helicopter Use	4	1/18/28	2/29/28	6	36	0%	Same as PP
L-24	230 kV - Northern Construction	Northern Transition Approach Construction	20	6/15/27	11/30/27	6	138	0%	Same as PP
P-25	Substation Modifications	Tesla Substation Upgrades	15	9/1/27	2/28/28	6	144	0%	Same as PP
P-26	Substation Modifications	Vaca Dixon Substation Upgrades	15	5/1/27	2/1/28	6	224	0%	Same as PP
P-27	Collinsville Substation	PG&E IT Work	15	1/1/27	8/31/27	6	202	0%	Same as PP
Alternative 6b2 Construction Activities									
Index	**Component**	**Activity Name**	**Workforce**	**Start Date**	**End Date**	**Days Per Week**	**Working Days**	**Percent Increase or Decrease in Duration/Activity Level?**	**Notes**
L-01	General	Survey	4	5/1/26	6/1/26	6	26	0%	
L-02	Collinsville Substation	Site Development/Staging Yards	12	5/1/26	8/1/26	6	76	0%	Same as PP
L-03	Collinsville Substation	Below-Grade Construction	40	7/14/26	1/14/27	6	152	0%	Same as PP
L-04	Collinsville Substation	Above-Grade Construction	30	1/2/27	2/11/28	6	333	0%	Same as PP
P-05	500 kV Interconnection	Foundation Installation	15	5/17/27	8/25/27	6	70	0%	Same as PP
P-06	500 kV Interconnection	Structure Installation	15	7/29/27	9/23/27	6	40	0%	Same as PP
P-07	500 kV Interconnection	Conductor Installation	30	9/24/27	11/19/27	6	40	0%	Same as PP
L-08	230 kV - New Overhead Transmission	Access Road Construction	12	5/1/27	6/8/27	6	32	100%	Change from values provided for Alternative 2
L-09	230 kV - New Overhead Transmission	Foundation Installation	12	5/20/27	9/18/27	6	101	460%	Change from values provided for Alternative 2
L-10	230 kV - New Overhead Transmission	Structure Installation	12	8/30/27	1/11/28	6	110	460%	Change from values provided for Alternative 2
L-11	230 kV - New Overhead Transmission	Conductor Installation	30	10/20/27	4/7/28	6	65	250%	Change from values provided for Alternative 2 LSPGC: Note that this was a typo for Alt 2 and the end date should be 1/7/2028 instead of 4/7/2028
L-??	230 kV - Northern Construction (Underground)	Northern Transition Approach Construction	25	6/15/27	11/30/27	6	138	0%	Added new activity
L-??	230 kV - Northern Construction (Underground)	Substation Getaways	20	6/1/27	8/23/27	6	30	0%	Added new activity
L-14	230 kV - New Submerged Cable	Submarine Cable Installation	25	7/1/27	10/31/27	7	122	0%	Same as PP/Alt 4?
L-15	230 kV - Southern Construction	Southern Transition Approach Construction	25	6/15/27	11/30/27	6	138	0%	Same as PP
L-16	230 kV - Southern Construction	Substation Getaways	20	6/1/27	8/23/27	6	70	0%	Same as PP
P-17	12 kV Distribution	Distribution Extension to Substation	10	6/1/26	8/1/26	6	51	0%	Same as PP
L-18	Telecommunications	Fiber Extension to Substation	12	6/1/27	10/1/27	6	103	0%	Same as PP
P-19	Substation Modifications	Pittsburg Substation Upgrades	15	5/1/27	5/31/28	6	250	0%	Same as PP
L-20	General	Commissioning and Testing	24	11/1/27	6/1/28	6	174	0%	Same as PP
L-21	General	Cleanup and Restoration	12	2/1/28	7/17/28	6	140	0%	
P-22	500 kV Transposition Structures	Foundation Installation	15	6/1/27	7/28/27	6	48	0%	Same as PP
P-23	500 kV Transposition Structures	Structure and Conductor Installation	30	1/18/28	2/29/28	6	36	0%	Same as PP
P-28	500 kV Transposition Structures	Helicopter Use	4	1/18/28	2/29/28	6	36	0%	Same as PP
L-24	230 kV - Northern Construction	Northern Transition Approach Construction	20	6/15/27	11/30/27	6	138	0%	Same as PP
P-25	Substation Modifications	Tesla Substation Upgrades	15	9/1/27	2/28/28	6	144	0%	Same as PP
P-26	Substation Modifications	Vaca Dixon Substation Upgrades	15	5/1/27	2/1/28	6	224	0%	Same as PP
P-27	Collinsville Substation	PG&E IT Work	15	1/1/27	8/31/27	6	202	0%	Same as PP

Alternative 5 Activity List

Type	Count	Index	Component	Activity Name	Workforce	Start Date	End Date	Days Per Week	Schedule Days	Working Days	BAAQMD Percent	SMAQMD Percent	YSAQMD Percent
LSPGC	1	L-01	General	Survey	4	5/1/26	6/1/26	6	26	26	1	0	0
LSPGC	2	L-02	Collinsville Substation	Site Development/Staging Yards	12	5/1/26	8/1/26	6	76	76	1	0	0
LSPGC	3	L-03	Collinsville Substation	Below-Grade Construction	40	7/14/26	1/14/27	6	152	152	1	0	0
LSPGC	4	L-04	Collinsville Substation	Above-Grade Construction	30	1/2/27	2/11/28	6	333	333	1	0	0
PG&E	5	P-05	500 kV Interconnection	Foundation Installation	15	5/17/27	8/25/27	6	84	70	1	0	0
PG&E	6	P-06	500 kV Interconnection	Structure Installation	15	7/29/27	9/23/27	6	48	40	1	0	0
PG&E	7	P-07	500 kV Interconnection	Conductor Installation	30	9/24/27	11/19/27	6	47	40	1	0	0
LSPGC	8	L-08	230 kV - New Overhead Transmission	Access Road Construction	12	5/1/27	5/19/27	6	0	0	1	0	0
LSPGC	9	L-09	230 kV - New Overhead Transmission	Foundation Installation	12	5/20/27	6/15/27	6	0	0	1	0	0
LSPGC	10	L-10	230 kV - New Overhead Transmission	Structure Installation	12	6/16/27	7/15/27	6	0	0	1	0	0
LSPGC	11	L-11	230 kV - New Overhead Transmission	Conductor Installation	30	7/16/27	8/15/27	6	0	0	1	0	0
LSPGC	14	L-14	230 kV - New Submerged Cable	Submarine Cable Installation	25	7/1/27	10/31/27	7	122	122	0.7	0.3	0
LSPGC	15	L-15	230 kV - Southern Construction	Southern Transition Approach Construction	25	6/15/27	11/30/27	6	138	138	1	0	0
LSPGC	16	L-16	230 kV - Southern Construction	Substation Getaways	20	6/1/27	8/23/27	6	70	70	1	0	0
PG&E	17	P-17	12 kV Distribution	Distribution Extension to Substation	10	6/1/26	8/1/26	6	51	51	1	0	0
LSPGC	18	L-18	Telecommunications	Fiber Extension to Substation	12	6/1/27	10/1/27	6	103	103	1	0	0
PG&E	19	P-19	Substation Modifications	Pittsburg Substation Upgrades	15	5/1/27	5/31/28	6	325	250	1	0	0
LSPGC	20	L-20	General	Commissioning and Testing	24	11/1/27	6/1/28	6	174	174	1	0	0
LSPGC	21	L-21	General	Cleanup and Restoration	12	2/1/28	7/17/28	6	140	140	1	0	0
PG&E	22	P-22	500 kV Transposition Structures	Foundation Installation	15	6/1/27	7/28/27	6	48	48	0.75	0	0.25
PG&E	23	P-23	500 kV Transposition Structures	Structure and Conductor Installation	30	1/18/28	2/29/28	6	36	36	0.75	0	0.25
PG&E	28	P-28	500 kV Transposition Structures	Helicopter Use	4	1/18/28	2/29/28	6	36	36	0.5	0	0.5
LSPGC	24	L-24	230 kV - Northern Construction	Northern Transition Approach Construction	25	6/15/27	11/30/27	6	138	138	1	0	0
PG&E	25	P-25	Substation Modifications	Tesla Substation Upgrades	15	9/1/27	2/28/28	6	144	144	1	0	0
PG&E	26	P-26	Substation Modifications	Vaca Dixon Substation Upgrades	15	5/1/27	2/1/28	6	224	224	1	0	0
PG&E	27	P-27	Collinsville Substation	PG&E IT Work	15	1/1/27	8/31/27	6	202	202	1	0	0
LSPGC	29	L-29	230 kV - Northern Construction	Substation Getaways	20	6/1/27	8/23/27	1/6/1900	70	70	1	0	0

Alternative 6 230 kV Underground North Equipment Inputs

EquipIndex	Activity Number	Activity Index	Activity Name	Equipment Name	HP	Fuel Type	Quantity	Days Manual Override*	Days Used	Hours Per Day	EquipConcat	On-Off	Earth Moving	Off Count	On Count	Boat Count	Earth Moving Count	On Type	CalEEModType	On Distance	Trips Per Day	VMT	Total VMT	Total Trips per day	Automobile?
287	29	L-29	Substation Getaways	Pickup - 1/2 Ton	395	Gasoline	4		70	2	Pickup - 1/2 Ton_395	on			115			passenger		40	2	320	22400	8	Automobile
288	29	L-29	Substation Getaways	Pickup - 1 Ton	410	Diesel	4		70	2	Pickup - 1 Ton_410	on			116			passenger		40	2	320	22400	8	Automobile
289	29	L-29	Substation Getaways	Welding Truck	395	Diesel	2		70	2	Welding Truck_395	on			117			vendor		40	2	160	11200	4	Const Vehicle
290	29	L-29	Substation Getaways	Generator – 25 Kw	36	Diesel	2		70	8	Generator – 25 Kw_36	off		157					Generator Sets						
291	29	L-29	Substation Getaways	Crane - 35 Ton (Manlift)	250	Diesel	2		70	5	Crane - 35 Ton (Manlift)_250	off		158					Cranes						
292	29	L-29	Substation Getaways	Forklift - 10 K Reach	130	Diesel	2		70	4	Forklift - 10 K Reach_130	off		159					Forklifts						
293	29	L-29	Substation Getaways	Forklift -15,000 lb	130	Diesel	1		70	4	Forklift -15,000 lb_130	off		160					Forklifts						
294	29	L-29	Substation Getaways	Loader - 4-5 Yd	74	Diesel	2		70	5	Loader - 4-5 Yd_74	off		161					Rubber Tired Loaders						
295	29	L-29	Substation Getaways	Wire Trailer/ Tensioner	175	Diesel	1		70	5	Wire Trailer/ Tensioner_175	off		162					Other Construction Equipn						
296	29	L-29	Substation Getaways	Wire Puller	175	Diesel	1		70	5	Wire Puller_175	off		163					Other Construction Equipn						
297	29	L-29	Substation Getaways	Skid steer loader	74	Diesel	2		70	8	Skid steer loader_74	off		164					Skid Steer Loaders						
298	29	L-29	Substation Getaways	Backhoe - 2X4	68	Diesel	2		70	6	Backhoe - 2X4_68	off		165					Excavators						

Alternative 6a Average Daily Construction Emissions

Average Daily Construction Emissions in BAAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
200	BAAQMD	Unctrl	2026	5.4	47.4	55.8	0.2	2.5	146.0	148.5	2.0	15.2	17.2
320	BAAQMD	Unctrl	2027	24.9	241.8	174.7	0.5	13.6	341.2	354.8	11.5	35.8	47.2
164	BAAQMD	Unctrl	2028	5.7	48.2	53.6	0.2	2.8	214.2	216.9	2.2	24.6	26.9
200	BAAQMD	Ctrl	2026	2.9	22.5	79.2	0.2	1.5	39.9	41.4	1.1	4.6	5.7
320	BAAQMD	Ctrl	2027	18.7	128.7	199.1	0.5	6.3	91.2	97.5	4.9	10.8	15.7
164	BAAQMD	Ctrl	2028	3.4	23.1	66.4	0.2	1.8	59.3	61.1	1.3	7.7	9.1
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

Average Daily Construction Emissions in BAAQMD - During Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
122	BAAQMD	Unctrl	2027	50.3	513.3	319.0	0.8	28.3	405.4	433.7	24.2	42.7	66.8
122	BAAQMD	Ctrl	2027	38.3	260.3	348.5	0.8	10.7	107.5	118.2	8.5	12.9	21.4
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

Average Daily Construction Emissions in BAAQMD - Outside Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
198	BAAQMD	Unctrl	2027	9.2	74.4	85.8	0.3	4.6	301.6	306.2	3.6	31.5	35.2
198	BAAQMD	Ctrl	2027	6.7	47.6	107.1	0.3	3.5	81.2	84.7	2.7	9.5	12.2
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

Average Daily Construction Emissions in SMAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	SMAQMD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	SMAQMD	Unctrl	2027	49.4	556.4	268.6	0.6	28.0	2.0	29.9	25.0	0.5	25.5
0	SMAQMD	Unctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	SMAQMD	Ctrl	2027	38.2	260.8	264.7	0.6	5.6	2.0	7.6	5.1	0.5	5.5
0	SMAQMD	Ctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N/A	N/A	Threshold	N/A	None	85	None	None	None	None	80	None	None	82

Average Daily Construction Emissions in YSAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	YSAMQD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	YSAMQD	Unctrl	2027	0.5	4.1	7.1	0.0	0.3	38.8	39.1	0.2	4.1	4.3
27	YSAMQD	Unctrl	2028	1.3	4.9	6.3	0.0	0.5	24.5	25.0	0.2	2.6	2.9
0	YSAMQD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	YSAMQD	Ctrl	2027	0.4	2.6	9.9	0.0	0.2	10.9	11.2	0.1	1.3	1.5
27	YSAMQD	Ctrl	2028	1.0	2.0	7.8	0.0	0.3	7.1	7.4	0.1	0.9	1.0
39	YSAMQD	Unctrl	All	1.1	4.6	6.5	0.0	0.4	28.9	29.3	0.2	3.1	3.3
39	YSAMQD	Ctrl	All	0.8	2.2	8.4	0.0	0.3	8.3	8.6	0.1	1.0	1.2
N/A	N/A	Threshold	N/A	None	None	None	None	None	None	80	None	None	None

LSPGC - Average Daily Construction Emissions in BAAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
200	BAAQMD	Unctrl	2026	4.9	41.9	50.6	0.2	2.2	126.2	128.4	1.8	13.2	14.9
320	BAAQMD	Unctrl	2027	20.7	211.9	133.6	0.3	11.2	143.7	154.9	9.8	15.3	25.1
164	BAAQMD	Unctrl	2028	4.0	35.2	35.4	0.1	2.0	121.6	123.5	1.7	15.0	16.7
200	BAAQMD	Ctrl	2026	2.6	19.9	71.8	0.2	1.3	34.6	36.0	1.0	4.0	5.0
320	BAAQMD	Ctrl	2027	15.6	109.7	147.2	0.3	4.3	37.8	42.0	3.6	4.7	8.4
164	BAAQMD	Ctrl	2028	2.2	15.0	43.6	0.1	1.2	34.2	35.4	0.9	4.8	5.8
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

LSPGC - Average Daily Construction Emissions in BAAQMD - During Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
122	BAAQMD	Unctrl	2027	45.1	480.7	273.1	0.7	24.9	187.1	212.0	22.0	20.0	42.1
122	BAAQMD	Ctrl	2027	34.3	240.2	291.5	0.7	7.9	48.3	56.1	6.8	6.1	12.9
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

LSPGC - Average Daily Construction Emissions in BAAQMD - Outside Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
198	BAAQMD	Unctrl	2027	5.6	46.3	47.6	0.1	2.7	116.9	119.7	2.3	12.4	14.7
198	BAAQMD	Ctrl	2027	4.0	29.3	58.2	0.1	2.0	31.3	33.3	1.7	3.9	5.5
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

LSPGC - Average Daily Construction Emissions in SMAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	SMAQMD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	SMAQMD	Unctrl	2027	49.4	556.4	268.6	0.6	28.0	2.0	29.9	25.0	0.5	25.5
0	SMAQMD	Unctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	SMAQMD	Ctrl	2027	38.2	260.8	264.7	0.6	5.6	2.0	7.6	5.1	0.5	5.5
0	SMAQMD	Ctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N/A	N/A	Threshold	N/A	None	85	None	None	None	None	80	None	None	82

LSPGC - Average Daily Construction Emissions in YSAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	YSAMQD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Unctrl	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Unctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Ctrl	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Ctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Unctrl	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Ctrl	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N/A	N/A	Threshold	N/A	None	None	None	None	None	None	80	None	None	None

PG&E - Average Daily Construction Emissions in BAAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
51	BAAQMD	Unctrl	2026	2.2	21.5	20.3	0.1	1.2	77.6	78.7	0.9	8.0	8.9
320	BAAQMD	Unctrl	2027	4.2	29.8	41.1	0.2	2.4	197.5	200.0	1.6	20.5	22.1
126	BAAQMD	Unctrl	2028	2.1	16.9	23.7	0.1	1.0	120.5	121.6	0.8	12.5	13.3
51	BAAQMD	Ctrl	2026	1.1	10.1	29.2	0.1	0.7	20.6	21.3	0.5	2.3	2.8
320	BAAQMD	Ctrl	2027	3.1	19.0	52.0	0.2	2.0	53.5	55.5	1.3	6.1	7.3
126	BAAQMD	Ctrl	2028	1.5	10.6	29.6	0.1	0.8	32.7	33.5	0.5	3.7	4.3
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

PG&E - Average Daily Construction Emissions in BAAQMD - During Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
122	BAAQMD	Unctrl	2027	5.1	32.6	45.9	0.2	3.4	218.3	221.7	2.1	22.6	24.8
122	BAAQMD	Ctrl	2027	3.9	20.1	57.0	0.2	2.9	59.2	62.1	1.7	6.8	8.4
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

PG&E - Average Daily Construction Emissions in BAAQMD - Outside Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
198	BAAQMD	Unctrl	2027	3.6	28.1	38.2	0.1	1.9	184.7	186.6	1.3	19.1	20.4
198	BAAQMD	Ctrl	2027	2.6	18.3	48.9	0.1	1.5	49.9	51.4	1.0	5.7	6.6
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

PG&E - Average Daily Construction Emissions in SMAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	SMAQMD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Unctrl	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Unctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N/A	N/A	Threshold	N/A	None	85	None	None	None	None	80	None	None	82

PG&E - Average Daily Construction Emissions in YSAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	YSAMQD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	YSAMQD	Unctrl	2027	0.5	4.1	7.1	0.0	0.3	38.8	39.1	0.2	4.1	4.3
27	YSAMQD	Unctrl	2028	1.3	4.9	6.3	0.0	0.5	24.5	25.0	0.2	2.6	2.9
0	YSAMQD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	YSAMQD	Ctrl	2027	0.4	2.6	9.9	0.0	0.2	10.9	11.2	0.1	1.3	1.5
27	YSAMQD	Ctrl	2028	1.0	2.0	7.8	0.0	0.3	7.1	7.4	0.1	0.9	1.0
39	YSAMQD	Unctrl	All	1.1	4.6	6.5	0.0	0.4	28.9	29.3	0.2	3.1	3.3
39	YSAMQD	Ctrl	All	0.8	2.2	8.4	0.0	0.3	8.3	8.6	0.1	1.0	1.2
N/A	N/A	Threshold	N/A	None	None	None	None	None	None	80	None	None	None

Alternative 6a Annual GHG Emissions								
Annual GHG Emissions - BAAQMD (metric tons/year)								
Phase	CO2	CH4	N2O	SF6	CO2e			
Construction	10022.53	0.29	0.36	0.00	10136.70			
O&M	2.47	0.00	0.00	0.00	2.59			
Electricity	35.66	0.01	0.00	0.00	36.01		Amortized Construction Em	
SF6 Loss	0.00	0.00	0.00	0.01	214.00		337.890069	
O&M Total	38.13	0.01	0.00	0.01	252.60			
Annual GHG Emissions - SMAQMD (metric tons/year)								
Phase	CO2	CH4	N2O	SF6	CO2e			
Construction	955.74	0.04	0.01	0.00	959.14			
O&M	0.00	0.00	0.00	0.00	0.00			
Electricity	0.00	0.00	0.00	0.00	0.00			
SF6 Loss	0.00	0.00	0.00	0.00	0.00			
O&M Total	0.00	0.00	0.00	0.00	0.00			
Annual GHG Emissions - YSAQMD (metric tons/year)								
Phase	CO2	CH4	N2O	SF6	CO2e			
Construction	46.15	0.00	0.00	0.00	46.76			
O&M	0.00	0.00	0.00	0.00	0.00			
Electricity	0.00	0.00	0.00	0.00	0.00			
SF6 Loss	0.00	0.00	0.00	0.00	0.00			
O&M Total	0.00	0.00	0.00	0.00	0.00			
Annual GHG Emissions - BAAQMD - By Utility (metric tons/year)								
Phase	Utility	CO2	CH4	N2O	SF6	CO2e		
Construction	LSPGC	7219.20	0.23	0.24	0.00	7296.51		
O&M	LSPGC	2.47	0.00	0.00	0.00	2.59		
Electricity	LSPGC	35.66	0.01	0.00	0.00	36.01		
SF6 Loss	LSPGC	0.00	0.00	0.00	0.01	214.00		
O&M Total	LSPGC	38.13	0.01	0.00	0.01	252.60		
Construction	PG&E	2803.33	0.06	0.15	0.00	2849.44		
O&M	PG&E	0.00	0.00	0.00	0.00	0.00		
Electricity	PG&E	0.00	0.00	0.00	0.00	0.00		
SF6 Loss	PG&E	0.00	0.00	0.00	0.00	0.00		
O&M Total	PG&E	0.00	0.00	0.00	0.00	0.00		
Annual GHG Emissions - SMAQMD - By Utility (metric tons/year)								
Phase	Utility	CO2	CH4	N2O	SF6	CO2e		
Construction	LSPGC	955.74	0.04	0.01	0.00	959.14		
O&M	LSPGC	0.00	0.00	0.00	0.00	0.00		
Electricity	LSPGC	0.00	0.00	0.00	0.00	0.00		
SF6 Loss	LSPGC	0.00	0.00	0.00	0.00	0.00		
O&M Total	LSPGC	0.00	0.00	0.00	0.00	0.00		
Construction	PG&E	0.00	0.00	0.00	0.00	0.00		
O&M	PG&E	0.00	0.00	0.00	0.00	0.00		
Electricity	PG&E	0.00	0.00	0.00	0.00	0.00		
SF6 Loss	PG&E	0.00	0.00	0.00	0.00	0.00		
O&M Total	PG&E	0.00	0.00	0.00	0.00	0.00		
Annual GHG Emissions - YSAQMD - By Utility (metric tons/year)								
Phase	Utility	CO2	CH4	N2O	SF6	CO2e		
Construction	LSPGC	0.00	0.00	0.00	0.00	0.00		
O&M	LSPGC	0.00	0.00	0.00	0.00	0.00		
Electricity	LSPGC	0.00	0.00	0.00	0.00	0.00		
SF6 Loss	LSPGC	0.00	0.00	0.00	0.00	0.00		
O&M Total	LSPGC	0.00	0.00	0.00	0.00	0.00		
Construction	PG&E	46.15	0.00	0.00	0.00	46.76		
O&M	PG&E	0.00	0.00	0.00	0.00	0.00		
Electricity	PG&E	0.00	0.00	0.00	0.00	0.00		
SF6 Loss	PG&E	0.00	0.00	0.00	0.00	0.00		
O&M Total	PG&E	0.00	0.00	0.00	0.00	0.00		

Alternative 6a VMTs									
Round Trip Summary - All						VMT Summary - All			
Vehicle Type	Component	Max	Average	Total		Vehicle Type	Max	Average	Total
Worker	Substation	107	45	30,864		Worker	34,040	11,577	7,918,680
Trucks	Substation	28	7	5,020		Trucks	5,960	1,465	1,002,000
Worker	Transmission	162	22	14,958		All	39,360	13,042	8,920,680
Trucks	Transmission	32	3	2,127					
Worker	Other	79	20	13,581					
Trucks	Other	18	4	2,543					
Worker	Misc	52	12	8,524					
Trucks	Misc	5	1	734					
Worker	All	300	99	67,927					
Trucks	All	59	15	10,424					
Round Trip Summary - LSPGC						VMT Summary - LSPGC			
Vehicle Type	Component	Max	Average	Total		Vehicle Type	Max	Average	Total
Worker	Substation	86	31	21,470		Worker	22,240	7,104	4,859,040
Trucks	Substation	28	5	3,706		Trucks	2,640	837	572,800
Worker	Transmission	124	13	9,020		All	24,360	7,941	5,431,840
Trucks	Transmission	20	2	1,384					
Worker	Other	35	6	4,305					
Trucks	Other	6	1	653					
Worker	Misc	52	12	8,524					
Trucks	Misc	5	1	734					
Worker	All	197	63	43,319					
Trucks	All	28	9	6,477					
Round Trip Summary - PG&E						Round Trip Summary - PG&E			
Vehicle Type	Component	Max	Average	Total		Vehicle Type	Max	Average	Total
Worker	Substation	44	19	9,394		Worker	12,440	6,156	3,059,640
Trucks	Substation	9	3	1,314		Trucks	3,320	864	429,200
Worker	Transmission	42	12	5,938		All	15,000	7,020	3,488,840
Trucks	Transmission	12	1	743					
Worker	Other	44	19	9,276					
Trucks	Other	12	4	1,890					
Worker	Misc	0	0	-					
Trucks	Misc	0	0	-					
Worker	All	109	50	24,608					
Trucks	All	31	8	3,947					

Alternative 6b1 Average Daily Construction Emissions

Working Days	District	Type	*Year*	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
200	BAAQMD	Unctrl	2026	5.4	47.4	55.8	0.2	2.5	146.0	148.5	2.0	15.2	17.2
320	BAAQMD	Unctrl	2027	25.9	249.2	182.2	0.5	14.0	367.1	381.2	11.7	38.7	50.4
164	BAAQMD	Unctrl	2028	5.7	48.3	54.5	0.2	2.8	221.6	224.4	2.3	25.4	27.7
200	BAAQMD	Ctrl	2026	2.9	22.5	79.2	0.2	1.5	39.9	41.4	1.1	4.6	5.7
320	BAAQMD	Ctrl	2027	19.1	128.9	209.5	0.5	6.3	100.4	106.8	4.9	11.9	16.8
164	BAAQMD	Ctrl	2028	3.4	23.3	67.3	0.2	1.8	61.4	63.2	1.4	8.0	9.4
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

Average Daily Construction Emissions in BAAQMD - During Submarine Cable Installation (pounds/day)

Working Days	District	Type	*Year*	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
122	BAAQMD	Unctrl	2027	52.5	528.5	334.0	0.9	29.1	448.4	477.5	24.7	47.2	71.9
122	BAAQMD	Ctrl	2027	39.0	259.8	368.8	0.9	10.9	124.3	135.2	8.4	14.9	23.3
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

Table 6E: Average Daily Construction Emissions in BAAQMD - Outside Submarine Cable Installation (pounds/day)

Working Days	District	Type	*Year*	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
198	BAAQMD	Unctrl	2027	9.5	77.1	88.8	0.3	4.7	317.1	321.8	3.7	33.4	37.1
198	BAAQMD	Ctrl	2027	6.8	48.2	111.4	0.3	3.6	85.7	89.3	2.7	10.1	12.8
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

Average Daily Construction Emissions in SMAQMD (pounds/day)

Working Days	District	Type	*Year*	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	SMAQMD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	SMAQMD	Unctrl	2027	49.4	556.4	268.6	0.6	28.0	2.0	29.9	25.0	0.5	25.5
0	SMAQMD	Unctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	SMAQMD	Ctrl	2027	38.2	260.8	264.7	0.6	5.6	2.0	7.6	5.1	0.5	5.5
0	SMAQMD	Ctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N/A	N/A	Threshold	N/A	None	85	None	None	None	None	80	None	None	82

Average Daily Construction Emissions in YSAQMD (pounds/day)

Working Days	District	Type	*Year*	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	YSAMQD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	YSAMQD	Unctrl	2027	0.5	4.1	7.1	0.0	0.3	38.8	39.1	0.2	4.1	4.3
27	YSAMQD	Unctrl	2028	1.3	4.9	6.3	0.0	0.5	24.5	25.0	0.2	2.6	2.8
0	YSAMQD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	YSAMQD	Ctrl	2027	0.4	2.6	9.9	0.0	0.2	10.9	11.2	0.1	1.3	1.3
27	YSAMQD	Ctrl	2028	1.0	2.0	7.8	0.0	0.3	7.1	7.4	0.1	0.9	1.0
39	YSAMQD	Unctrl	All	1.1	4.6	6.5	0.0	0.4	28.9	29.3	0.2	3.1	3.3
39	YSAMQD	Ctrl	All	0.8	2.2	8.4	0.0	0.3	8.3	8.6	0.1	1.0	1.0
N/A	N/A	Threshold	N/A	None	None	None	None	None	None	80	None	None	None
N/A	N/A	Threshold	N/A	None	None	None	None						

LSPGC - Average Daily Construction Emissions in BAAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
200	BAAQMD	Unctrl	2026	4.9	41.9	50.6	0.2	2.2	126.2	128.4	1.8	13.2	14.9
320	BAAQMD	Unctrl	2027	21.6	219.2	140.4	0.4	11.6	163.5	175.0	10.1	17.6	27.6
164	BAAQMD	Unctrl	2028	4.0	35.2	35.4	0.1	2.0	121.6	123.5	1.7	15.0	16.7
200	BAAQMD	Ctrl	2026	2.6	19.9	71.8	0.2	1.3	34.5	36.0	1.0	4.0	5.0
320	BAAQMD	Ctrl	2027	15.9	109.8	156.8	0.4	4.3	45.3	49.6	3.6	1.7	5.3
164	BAAQMD	Ctrl	2028	2.2	15.0	43.6	0.1	1.2	34.2	35.4	0.9	4.9	5.8
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

LSPGC - Average Daily Construction Emissions in BAAQMD - During Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
122	BAAQMD	Unctrl	2027	47.1	493.7	284.4	0.7	25.6	208.6	234.2	22.5	22.4	44.8
122	BAAQMD	Ctrl	2027	34.9	238.2	307.3	0.7	7.9	59.3	67.2	6.6	7.5	14.1
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

LSPGC - Average Daily Construction Emissions in BAAQMD - Outside Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
198	BAAQMD	Unctrl	2027	6.0	50.1	51.6	0.1	2.9	135.6	138.5	2.4	14.6	17.0
198	BAAQMD	Ctrl	2027	4.2	30.7	64.0	0.1	2.1	36.6	38.7	1.7	4.6	6.3
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

LSPGC - Average Daily Construction Emissions in SMAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	SMAQMD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	SMAQMD	Unctrl	2027	49.4	556.4	268.6	0.6	28.0	2.0	29.9	25.0	0.5	25.5
0	SMAQMD	Unctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	SMAQMD	Ctrl	2027	38.2	260.8	264.7	0.6	5.6	2.0	7.6	5.1	0.5	5.5
0	SMAQMD	Ctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N/A	N/A	Threshold	N/A	None	85	None	None	None	None	80	None	None	82

LSPGC - Average Daily Construction Emissions in YSAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	YSAMQD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Unctrl	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Unctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Ctrl	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Ctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Unctrl	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Ctrl	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N/A	N/A	Threshold	N/A	None	None	None	None	None	None	80	None	None	None

PG&E - Average Daily Construction Emissions in BAAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
51	BAAQMD	Unctrl	2026	2.2	21.5	20.3	0.1	1.2	77.6	78.7	0.9	8.0	8.9
320	BAAQMD	Unctrl	2027	4.2	29.9	41.9	0.2	2.5	203.7	206.2	1.7	21.1	22.8
126	BAAQMD	Unctrl	2028	2.2	17.1	24.9	0.1	1.1	130.2	131.3	0.8	13.5	14.3
51	BAAQMD	Ctrl	2026	1.1	10.1	29.2	0.1	0.7	20.6	21.3	0.5	2.3	2.8
320	BAAQMD	Ctrl	2027	3.2	19.1	52.7	0.2	2.0	55.2	57.2	1.3	6.3	7.6
126	BAAQMD	Ctrl	2028	1.6	10.8	30.8	0.1	0.8	35.4	36.3	0.6	4.1	4.6
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

PG&E - Average Daily Construction Emissions in BAAQMD - During Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
122	BAAQMD	Unctrl	2027	5.4	34.8	49.6	0.2	3.5	239.8	243.3	2.2	24.9	27.1
122	BAAQMD	Ctrl	2027	4.2	21.6	61.5	0.2	3.0	65.1	68.0	1.8	7.4	9.2
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

PG&E - Average Daily Construction Emissions in BAAQMD - Outside Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
198	BAAQMD	Unctrl	2027	3.5	26.9	37.1	0.1	1.8	181.5	183.3	1.3	18.8	20.1
198	BAAQMD	Ctrl	2027	2.6	17.6	47.3	0.1	1.4	49.1	50.5	1.0	5.6	6.5
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

PG&E - Average Daily Construction Emissions in SMAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	SMAQMD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Unctrl	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Unctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N/A	N/A	Threshold	N/A	None	85	None	None	None	None	80	None	None	82

PG&E - Average Daily Construction Emissions in YSAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	YSAMQD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	YSAMQD	Unctrl	2027	0.5	4.1	7.1	0.0	0.3	38.8	39.1	0.2	4.1	4.3
27	YSAMQD	Unctrl	2028	1.3	4.9	6.3	0.0	0.5	24.5	25.0	0.2	2.6	2.8
0	YSAMQD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	YSAMQD	Ctrl	2027	0.4	2.6	9.9	0.0	0.2	10.9	11.2	0.1	1.3	1.3
27	YSAMQD	Ctrl	2028	1.0	2.0	7.8	0.0	0.3	7.1	7.4	0.1	0.9	1.0
39	YSAMQD	Unctrl	All	1.1	4.6	6.5	0.0	0.4	28.9	29.3	0.2	3.1	3.3
39	YSAMQD	Ctrl	All	0.8	2.2	8.4	0.0	0.3	8.3	8.6	0.1	1.0	1.0
N/A	N/A	Threshold	N/A	None	None	None	None	None	None	80	None	None	None

Alternative 1 Annual GHG Emissions							
Annual GHG Emissions - BAAQMD (metric tons/year)							
Phase	CO2	CH4	N2O	SF6	CO2e		
Construction	10469.85	0.30	0.38	0.00	10589.27		
O&M	2.47	0.00	0.00	0.00	2.59		
Electricity	35.66	0.01	0.00	0.00	36.01		Amortized Co
SF6 Loss	0.00	0.00	0.00	0.01	214.00		352.975527
O&M Total	38.13	0.01	0.00	0.01	252.60		
Annual GHG Emissions - SMAQMD (metric tons/year)							
Phase	CO2	CH4	N2O	SF6	CO2e		
Construction	955.74	0.04	0.01	0.00	959.14		
O&M	0.00	0.00	0.00	0.00	0.00		
Electricity	0.00	0.00	0.00	0.00	0.00		
SF6 Loss	0.00	0.00	0.00	0.00	0.00		
O&M Total	0.00	0.00	0.00	0.00	0.00		
Annual GHG Emissions - YSAQMD (metric tons/year)							
Phase	CO2	CH4	N2O	SF6	CO2e		
Construction	46.15	0.00	0.00	0.00	46.76		
O&M	0.00	0.00	0.00	0.00	0.00		
Electricity	0.00	0.00	0.00	0.00	0.00		
SF6 Loss	0.00	0.00	0.00	0.00	0.00		
O&M Total	0.00	0.00	0.00	0.00	0.00		
Annual GHG Emissions - BAAQMD - By Utility (metric tons/year)							
Phase	Utility	CO2	CH4	N2O	SF6	CO2e	
Construction	LSPGC	7599.51	0.24	0.22	0.00	7671.73	
O&M	LSPGC	2.47	0.00	0.00	0.00	2.59	
Electricity	LSPGC	35.66	0.01	0.00	0.00	36.01	
SF6 Loss	LSPGC	0.00	0.00	0.00	0.01	214.00	
O&M Total	LSPGC	38.13	0.01	0.00	0.01	252.60	
Construction	PG&E	2858.51	0.07	0.15	0.00	2905.26	
O&M	PG&E	0.00	0.00	0.00	0.00	0.00	
Electricity	PG&E	0.00	0.00	0.00	0.00	0.00	
SF6 Loss	PG&E	0.00	0.00	0.00	0.00	0.00	
O&M Total	PG&E	0.00	0.00	0.00	0.00	0.00	
Annual GHG Emissions - SMAQMD - By Utility (metric tons/year)							
Phase	Utility	CO2	CH4	N2O	SF6	CO2e	
Construction	LSPGC	955.74	0.04	0.01	0.00	959.14	
O&M	LSPGC	0.00	0.00	0.00	0.00	0.00	
Electricity	LSPGC	0.00	0.00	0.00	0.00	0.00	
SF6 Loss	LSPGC	0.00	0.00	0.00	0.00	0.00	
O&M Total	LSPGC	0.00	0.00	0.00	0.00	0.00	
Construction	PG&E	0.00	0.00	0.00	0.00	0.00	
O&M	PG&E	0.00	0.00	0.00	0.00	0.00	
Electricity	PG&E	0.00	0.00	0.00	0.00	0.00	
SF6 Loss	PG&E	0.00	0.00	0.00	0.00	0.00	
O&M Total	PG&E	0.00	0.00	0.00	0.00	0.00	
Annual GHG Emissions - YSAQMD - By Utility (metric tons/year)							
Phase	Utility	CO2	CH4	N2O	SF6	CO2e	
Construction	LSPGC	0.00	0.00	0.00	0.00	0.00	
O&M	LSPGC	0.00	0.00	0.00	0.00	0.00	
Electricity	LSPGC	0.00	0.00	0.00	0.00	0.00	
SF6 Loss	LSPGC	0.00	0.00	0.00	0.00	0.00	
O&M Total	LSPGC	0.00	0.00	0.00	0.00	0.00	
Construction	PG&E	46.15	0.00	0.00	0.00	46.76	
O&M	PG&E	0.00	0.00	0.00	0.00	0.00	
Electricity	PG&E	0.00	0.00	0.00	0.00	0.00	
SF6 Loss	PG&E	0.00	0.00	0.00	0.00	0.00	
O&M Total	PG&E	0.00	0.00	0.00	0.00	0.00	

Alternative 6b1 VMTs									
Round Trip Summary - All						VMT Summary - All			
Vehicle Type	Component	Max	Average	Total		Vehicle Type	Max	Average	Total
Worker	Substation	107	45	30,864		Worker	2,720	12,081	8,263,560
Trucks	Substation	107	7	5,020		Trucks	1,280	1,547	1,057,880
Worker	Transmission	140	26	17,752		All	4,000	13,628	9,321,440
Trucks	Transmission	140	4	2,646					
Worker	Other	79	22	15,156					
Trucks	Other	79	4	2,543					
Worker	Misc	52	12	8,524					
Trucks	Misc	52	1	734					
Worker	All	26	106	72,296					
Trucks	All	16	16	10,943					
Round Trip Summary - LSPGC						VMT Summary - LSPGC			
Vehicle Type	Component	Max	Average	Total		Vehicle Type	Max	Average	Total
Worker	Substation	86	31	21,470		Worker	19,760	7,608	5,203,920
Trucks	Substation	28	5	3,706		Trucks	2,640	919	628,680
Worker	Transmission	102	17	11,814		All	22,400	8,527	5,832,600
Trucks	Transmission	20	3	1,903					
Worker	Other	35	6	4,305					
Trucks	Other	6	1	653					
Worker	Misc	52	12	8,524					
Trucks	Misc	5	1	734					
Worker	All	175	67	46,113					
Trucks	All	28	10	6,996					
Round Trip Summary - PG&E						Round Trip Summary - PG&E			
Vehicle Type	Component	Max	Average	Total		Vehicle Type	Max	Average	Total
Worker	Substation	44	19	9,394		Worker	12,440	6,156	3,059,640
Trucks	Substation	9	3	1,314		Trucks	3,320	864	429,200
Worker	Transmission	42	12	5,938		All	15,000	7,020	3,488,840
Trucks	Transmission	12	1	743					
Worker	Other	44	22	10,851					
Trucks	Other	12	4	1,890					
Worker	Misc	0	0	-					
Trucks	Misc	0	0	-					
Worker	All	109	53	26,183					
Trucks	All	31	8	3,947					

Alternative 6b2 Average Daily Construction Emissions

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
200	BAAQMD	Unctrl	2026	5.4	47.4	55.8	0.2	2.5	146.0	148.5	2.0	15.2	17.2
320	BAAQMD	Unctrl	2027	27.2	261.9	193.7	0.6	14.6	402.5	417.2	12.3	42.4	54.7
164	BAAQMD	Unctrl	2028	8.4	71.5	72.8	0.2	3.9	250.0	253.9	3.2	28.4	31.6
200	BAAQMD	Ctrl	2026	2.9	22.5	79.2	0.2	1.5	39.9	41.4	1.1	4.6	5.7
320	BAAQMD	Ctrl	2027	19.6	133.6	225.1	0.6	6.6	108.1	114.7	5.1	12.9	18.0
164	BAAQMD	Ctrl	2028	4.3	26.3	89.1	0.2	2.1	69.5	71.6	1.5	9.0	10.5
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

Average Daily Construction Emissions in BAAQMD - During Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
122	BAAQMD	Unctrl	2027	52.9	534.5	340.9	0.9	29.7	490.7	520.4	25.2	51.5	76.7
122	BAAQMD	Ctrl	2027	39.5	267.1	380.0	0.9	11.5	130.7	142.2	8.9	15.5	24.5
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

Average Daily Construction Emissions in BAAQMD - Outside Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
198	BAAQMD	Unctrl	2027	11.3	94.0	103.0	0.3	5.4	348.2	353.5	4.3	36.8	41.2
198	BAAQMD	Ctrl	2027	7.3	51.4	129.6	0.3	3.6	94.2	97.8	2.8	11.2	14.0
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

Average Daily Construction Emissions in SMAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	SMAQMD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	SMAQMD	Unctrl	2027	49.4	556.4	268.6	0.6	28.0	2.0	29.9	25.0	0.5	25.3
0	SMAQMD	Unctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	SMAQMD	Ctrl	2027	38.2	260.8	264.7	0.6	5.6	2.0	7.6	5.1	0.5	5.5
0	SMAQMD	Ctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N/A	N/A	Threshold	N/A	None	85	None	None	None	None	80	None	None	82

Average Daily Construction Emissions in YSAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	YSAMQD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	YSAMQD	Unctrl	2027	0.5	4.1	7.1	0.0	0.3	38.8	39.1	0.2	4.1	4.3
27	YSAMQD	Unctrl	2028	1.3	4.9	6.3	0.0	0.5	24.5	25.0	0.2	2.6	2.8
0	YSAMQD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	YSAMQD	Ctrl	2027	0.4	2.6	9.9	0.0	0.2	10.9	11.2	0.1	1.1	1.2
27	YSAMQD	Ctrl	2028	1.0	2.0	7.8	0.0	0.3	7.1	7.4	0.1	0.9	1.0
39	YSAMQD	Unctrl	All	1.1	4.6	6.5	0.0	0.4	28.9	29.3	0.2	3.1	3.3
39	YSAMQD	Ctrl	All	0.8	2.2	8.4	0.0	0.3	8.3	8.6	0.1	1.0	1.2
N/A	N/A	Threshold	N/A	None	None	None	None	None	None	80	None	None	None
N/A	N/A	Threshold	N/A	None	None	None	None						

LSPGC - Average Daily Construction Emissions in BAAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
200	BAAQMD	Unctrl	2026	4.9	41.9	50.6	0.2	2.2	126.2	128.4	1.8	13.2	14.9
320	BAAQMD	Unctrl	2027	22.9	233.6	151.7	0.4	12.2	199.7	211.8	10.6	21.4	32.0
164	BAAQMD	Unctrl	2028	6.7	58.5	54.6	0.2	3.1	157.4	160.5	2.6	18.8	21.4
200	BAAQMD	Ctrl	2026	2.6	19.9	71.8	0.2	1.3	34.6	36.0	1.0	4.0	5.0
320	BAAQMD	Ctrl	2027	16.4	114.4	172.1	0.4	4.6	53.1	57.7	3.8	6.6	10.5
164	BAAQMD	Ctrl	2028	3.1	18.2	66.4	0.2	1.5	44.3	45.8	1.1	6.1	7.2
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

LSPGC - Average Daily Construction Emissions in BAAQMD - During Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
122	BAAQMD	Unctrl	2027	47.2	498.8	290.9	0.7	25.8	253.1	278.9	22.8	26.9	49.6
122	BAAQMD	Ctrl	2027	35.1	245.8	318.0	0.7	8.3	66.1	74.4	7.0	8.2	15.3
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

LSPGC - Average Daily Construction Emissions in BAAQMD - Outside Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
198	BAAQMD	Unctrl	2027	7.9	66.9	66.0	0.2	3.7	166.7	170.5	3.1	18.1	21.2
198	BAAQMD	Ctrl	2027	4.8	33.5	82.3	0.2	2.3	45.1	47.5	1.9	5.7	7.6
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

LSPGC - Average Daily Construction Emissions in SMAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	SMAQMD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	SMAQMD	Unctrl	2027	49.4	556.4	268.6	0.6	28.0	2.0	29.9	25.0	0.5	25.3
0	SMAQMD	Unctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	SMAQMD	Ctrl	2027	38.2	260.8	264.7	0.6	5.6	2.0	7.6	5.1	0.5	5.5
0	SMAQMD	Ctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N/A	N/A	Threshold	N/A	None	85	None	None	None	None	80	None	None	82

LSPGC - Average Daily Construction Emissions in YSAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	YSAMQD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Unctrl	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Unctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Ctrl	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Ctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Unctrl	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	YSAMQD	Ctrl	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N/A	N/A	Threshold	N/A	None	None	None	None	None	None	80	None	None	None

PG&E - Average Daily Construction Emissions in BAAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
51	BAAQMD	Unctrl	2026	2.2	21.5	20.3	0.1	1.2	77.6	78.7	0.9	8.0	8.9
320	BAAQMD	Unctrl	2027	4.3	30.4	41.9	0.2	2.5	202.9	205.3	1.7	21.0	22.7
126	BAAQMD	Unctrl	2028	2.1	16.9	23.7	0.1	1.0	120.5	121.6	0.8	12.5	13.3
51	BAAQMD	Ctrl	2026	1.1	10.1	29.2	0.1	0.7	20.6	21.3	0.5	2.3	2.8
320	BAAQMD	Ctrl	2027	3.2	19.2	52.9	0.2	2.0	54.9	57.0	1.3	6.2	7.5
126	BAAQMD	Ctrl	2028	1.5	10.6	29.4	0.1	0.8	32.7	33.5	0.5	3.7	4.3
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

PG&E - Average Daily Construction Emissions in BAAQMD - During Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
122	BAAQMD	Unctrl	2027	5.7	35.7	49.9	0.2	3.8	237.7	241.5	2.4	24.6	27.1
122	BAAQMD	Ctrl	2027	4.4	21.3	62.1	0.2	3.2	64.5	67.8	1.9	7.4	9.3
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

PG&E - Average Daily Construction Emissions in BAAQMD - Outside Submarine Cable Installation (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
198	BAAQMD	Unctrl	2027	3.4	27.1	37.0	0.1	1.6	181.4	183.1	1.2	18.8	20.0
198	BAAQMD	Ctrl	2027	2.5	17.9	47.3	0.1	1.3	49.0	50.3	0.9	5.6	6.4
N/A	N/A	Threshold	N/A	54	54	None	None	82	None	None	54	None	None

PG&E - Average Daily Construction Emissions in SMAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	SMAQMD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Unctrl	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Unctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	SMAQMD	Ctrl	2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N/A	N/A	Threshold	N/A	None	85	None	None	None	None	80	None	None	82

PG&E - Average Daily Construction Emissions in YSAQMD (pounds/day)

Working Days	District	Type	Year	ROG	NOX	CO	SO2	PM10 Exhaust	PM10 Dust	PM10 Total	PM2.5 Exhaust	PM2.5 Dust	PM2.5 Total
0	YSAMQD	Unctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	YSAMQD	Unctrl	2027	0.5	4.1	7.1	0.0	0.3	38.8	39.1	0.2	4.1	4.3
27	YSAMQD	Unctrl	2028	1.3	4.9	6.3	0.0	0.5	24.5	25.0	0.2	2.6	2.8
0	YSAMQD	Ctrl	2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	YSAMQD	Ctrl	2027	0.4	2.6	9.9	0.0	0.2	10.9	11.2	0.1	1.1	1.2
27	YSAMQD	Ctrl	2028	1.0	2.0	7.8	0.0	0.3	7.1	7.4	0.1	0.9	1.0
39	YSAMQD	Unctrl	All	1.1	4.6	6.5	0.0	0.4	28.9	29.3	0.2	3.1	3.3
39	YSAMQD	Ctrl	All	0.8	2.2	8.4	0.0	0.3	8.3	8.6	0.1	1.0	1.2
N/A	N/A	Threshold	N/A	None	None	None	None	None	None	80	None	None	None

Alternative 6b2 Annual GHG Emissions							
Annual GHG Emissions - BAAQMD (metric tons/year)							
Phase	CO2	CH4	N2O	SF6	CO2e		
Construction	11445.19	0.33	0.41	0.00	11576.33		
O&M	2.47	0.00	0.00	0.00	2.59		
Electricity	35.66	0.01	0.00	0.00	36.01		Amortized Co
SF6 Loss	0.00	0.00	0.00	0.01	214.00		385.877781
O&M Total	38.13	0.01	0.00	0.01	252.60		
Annual GHG Emissions - SMAQMD (metric tons/year)							
Phase	CO2	CH4	N2O	SF6	CO2e		
Construction	955.74	0.04	0.01	0.00	959.14		
O&M	0.00	0.00	0.00	0.00	0.00		
Electricity	0.00	0.00	0.00	0.00	0.00		
SF6 Loss	0.00	0.00	0.00	0.00	0.00		
O&M Total	0.00	0.00	0.00	0.00	0.00		
Annual GHG Emissions - YSAQMD (metric tons/year)							
Phase	CO2	CH4	N2O	SF6	CO2e		
Construction	46.15	0.00	0.00	0.00	46.76		
O&M	0.00	0.00	0.00	0.00	0.00		
Electricity	0.00	0.00	0.00	0.00	0.00		
SF6 Loss	0.00	0.00	0.00	0.00	0.00		
O&M Total	0.00	0.00	0.00	0.00	0.00		
Annual GHG Emissions - BAAQMD - By Utility (metric tons/year)							
Phase	Utility	CO2	CH4	N2O	SF6	CO2e	
Construction	LSPGC	8568.60	0.27	0.26	0.00	8651.85	
O&M	LSPGC	2.47	0.00	0.00	0.00	2.59	
Electricity	LSPGC	35.66	0.01	0.00	0.00	36.01	
SF6 Loss	LSPGC	0.00	0.00	0.00	0.01	214.00	
O&M Total	LSPGC	38.13	0.01	0.00	0.01	252.60	
Construction	PG&E	2848.97	0.07	0.15	0.00	2895.85	
O&M	PG&E	0.00	0.00	0.00	0.00	0.00	
Electricity	PG&E	0.00	0.00	0.00	0.00	0.00	
SF6 Loss	PG&E	0.00	0.00	0.00	0.00	0.00	
O&M Total	PG&E	0.00	0.00	0.00	0.00	0.00	
Annual GHG Emissions - SMAQMD - By Utility (metric tons/year)							
Phase	Utility	CO2	CH4	N2O	SF6	CO2e	
Construction	LSPGC	955.74	0.04	0.01	0.00	959.14	
O&M	LSPGC	0.00	0.00	0.00	0.00	0.00	
Electricity	LSPGC	0.00	0.00	0.00	0.00	0.00	
SF6 Loss	LSPGC	0.00	0.00	0.00	0.00	0.00	
O&M Total	LSPGC	0.00	0.00	0.00	0.00	0.00	
Construction	PG&E	0.00	0.00	0.00	0.00	0.00	
O&M	PG&E	0.00	0.00	0.00	0.00	0.00	
Electricity	PG&E	0.00	0.00	0.00	0.00	0.00	
SF6 Loss	PG&E	0.00	0.00	0.00	0.00	0.00	
O&M Total	PG&E	0.00	0.00	0.00	0.00	0.00	
Annual GHG Emissions - YSAQMD - By Utility (metric tons/year)							
Phase	Utility	CO2	CH4	N2O	SF6	CO2e	
Construction	LSPGC	0.00	0.00	0.00	0.00	0.00	
O&M	LSPGC	0.00	0.00	0.00	0.00	0.00	
Electricity	LSPGC	0.00	0.00	0.00	0.00	0.00	
SF6 Loss	LSPGC	0.00	0.00	0.00	0.00	0.00	
O&M Total	LSPGC	0.00	0.00	0.00	0.00	0.00	
Construction	PG&E	46.15	0.00	0.00	0.00	46.76	
O&M	PG&E	0.00	0.00	0.00	0.00	0.00	
Electricity	PG&E	0.00	0.00	0.00	0.00	0.00	
SF6 Loss	PG&E	0.00	0.00	0.00	0.00	0.00	
O&M Total	PG&E	0.00	0.00	0.00	0.00	0.00	

Alternative 6b2 VMTs									
Round Trip Summary - All						VMT Summary - All			
Vehicle Type	Component	Max	Average	Total		Vehicle Type	Max	Average	Total
Worker	Substation	107	45	30,864		Worker	2,720	13,050	8,926,200
Trucks	Substation	107	7	5,020		Trucks	1,280	1,680	1,148,800
Worker	Transmission	142	36	24,726		All	4,000	14,730	10,075,000
Trucks	Transmission	142	5	3,749					
Worker	Other	79	20	13,581					
Trucks	Other	79	4	2,543					
Worker	Misc	52	12	8,524					
Trucks	Misc	52	1	734					
Worker	All	26	114	77,695					
Trucks	All	16	18	12,046					
Round Trip Summary - LSPGC						VMT Summary - LSPGC			
Vehicle Type	Component	Max	Average	Total		Vehicle Type	Max	Average	Total
Worker	Substation	86	31	21,470		Worker	19,760	8,577	5,866,560
Trucks	Substation	28	5	3,706		Trucks	2,640	1,052	719,600
Worker	Transmission	104	26	18,104		All	22,400	9,629	6,586,160
Trucks	Transmission	20	4	2,948					
Worker	Other	35	6	4,305					
Trucks	Other	6	1	653					
Worker	Misc	52	12	8,524					
Trucks	Misc	5	1	734					
Worker	All	175	77	52,403					
Trucks	All	28	12	8,041					
Round Trip Summary - PG&E						Round Trip Summary - PG&E			
Vehicle Type	Component	Max	Average	Total		Vehicle Type	Max	Average	Total
Worker	Substation	44	19	9,394		Worker	12,440	6,156	3,059,640
Trucks	Substation	9	3	1,314		Trucks	3,320	864	429,200
Worker	Transmission	42	13	6,622		All	15,000	7,020	3,488,840
Trucks	Transmission	12	2	801					
Worker	Other	44	19	9,276					
Trucks	Other	12	4	1,890					
Worker	Misc	0	0	-					
Trucks	Misc	0	0	-					
Worker	All	109	51	25,292					
Trucks	All	31	8	4,005					