

Appendix J

Energy Calculations

Construction Energy Summary

Construction Fuel Usage Summary

| Phase | Construction Year | Diesel | Diesel | Diesel | Gasoline |
|-------|-------------------|------------------------------|-------------------|------------------------------|-------------------|
| | | Off-road Equipment (gallons) | On-road (gallons) | Off-road & On-road (gallons) | On-road (gallons) |
| 1 | 2023 | 32,817 | 103 | 32,920 | 36,481 |
| 2 | 2024 | 30,160 | 131 | 30,290 | 36,463 |
| 3 | 2026 | 30,181 | 266 | 30,447 | 41,335 |
| 4 | 2028 | 34,413 | 601 | 35,013 | 36,849 |
| | Sub Total | 127,571 | 1,100 | 128,671 | 151,129 |

| | | |
|-----------------------|----------------|----------------|
| Total Gasoline | 151,129 | gallons |
| Total Diesel | 128,671 | gallons |

Energy Calculations Summary

Operational Fuel Use Summary for Passenger Vehicles

| Fuel Type | Fleet Mix (%) | Gallons per Mile | Annual VMT | Gallons |
|-----------|---------------|------------------|------------|---------|
| Gasoline | 100.00% | 0.04 | 24,365,865 | 938,136 |
| Diesel | 0.00% | 0.12 | | 0 |

Operational Fuel Use Summary for Heavy Duty Vehicles

| Fuel Type | Fleet Mix (%) | Gallons per Mile | Annual VMT | Gallons |
|-----------|---------------|------------------|------------|---------|
| Gasoline | 50.00% | 0.04 | 3,948,951 | 76,021 |
| Diesel | 50.00% | 0.12 | | 233,176 |

Operational Fuel Use Summary for Off Road Equipment

| Offroad Equipment Type | Fuel Type | Diesel Fuel Usage |
|------------------------|-----------|-------------------|
| Forklifts | Diesel | 333,216 |
| Generator Sets | Diesel | 17,902 |
| Off-Highway Trucks | Diesel | 381,289 |
| TRU Idling | Diesel | 1,022,918 |

| Fuel Type | Gallons |
|-----------|-----------|
| Gasoline | 1,014,157 |
| Diesel | 1,988,501 |

Notes:

1. Fleet mix calculated from CalEEMod default values.
2. Gallons per mile calculated from EMFAC 2021.
3. Annual VMT obtained from CalEEMod output file.

Operational Energy Summary

| Land Use | Electricity kWh/year | Electricity MWh/year | Natural Gas kBTU/year | Natural Gas therm/year |
|-----------------|---------------------------------|---------------------------------|----------------------------------|-----------------------------------|
| Industrial Park | 23,392,700 | 23,393 | 39,472,100 | 394,721 |
| TOTAL | 23,392,700 | 23,393 | 39,472,100 | 394,721 |

Source: EMFAC2021 (v1.0.1) Emissions Inventory

Region Type: Air District

Region: Placer County APCD

Calendar Year: 2030

Season: Annual

Vehicle Classification: EMFAC2011 Categories

Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

| Region | CalYr | VehClass | MdlYr | Speed miles/hr | Fuel | Population vehicles | VMT miles/day | Trips trips/day | Gasoline Fuel Consumption 1,000 gallons/day | Diesel Fuel Consumption 1,000 gallons/day |
|------------|-------|------------------|-----------|-------------------|----------|------------------------|------------------|--------------------|---|---|
| Placer Cou | 2030 | All Other Buses | Aggregate | Aggregate | Diesel | 95.86114137 | 4588.806376 | 853.1641582 | | 0.506598724 |
| Placer Cou | 2030 | LDA | Aggregate | Aggregate | Gasoline | 105598.9412 | 4154454.641 | 491003.8988 | 128.6169859 | |
| Placer Cou | 2030 | LDA | Aggregate | Aggregate | Diesel | 222.7982779 | 6520.935608 | 946.3027208 | | 0.14318783 |
| Placer Cou | 2030 | LDT1 | Aggregate | Aggregate | Gasoline | 12099.45599 | 424081.0123 | 52940.0327 | 15.74288822 | |
| Placer Cou | 2030 | LDT1 | Aggregate | Aggregate | Diesel | 0.09421029 | 3.401664952 | 0.383241078 | | 0.000123427 |
| Placer Cou | 2030 | LDT2 | Aggregate | Aggregate | Gasoline | 75531.68396 | 3123723.742 | 350248.6851 | 119.4356117 | |
| Placer Cou | 2030 | LDT2 | Aggregate | Aggregate | Diesel | 304.0193108 | 12487.23573 | 1411.720718 | | 0.359341804 |
| Placer Cou | 2030 | LHD1 | Aggregate | Aggregate | Gasoline | 5356.220712 | 197977.7478 | 79799.70784 | 19.27850792 | |
| Placer Cou | 2030 | LHD1 | Aggregate | Aggregate | Diesel | 5134.369973 | 174008.3792 | 64583.91522 | | 10.81322978 |
| Placer Cou | 2030 | LHD2 | Aggregate | Aggregate | Gasoline | 670.5912244 | 24432.44007 | 9990.810062 | 2.664534401 | |
| Placer Cou | 2030 | LHD2 | Aggregate | Aggregate | Diesel | 2127.671638 | 75015.47264 | 26763.4326 | | 5.596418511 |
| Placer Cou | 2030 | MCY | Aggregate | Aggregate | Gasoline | 8510.666922 | 45633.02544 | 17021.33384 | 1.115819484 | |
| Placer Cou | 2030 | MDV | Aggregate | Aggregate | Gasoline | 47052.68861 | 1704212.794 | 214511.814 | 80.41136703 | |
| Placer Cou | 2030 | MDV | Aggregate | Aggregate | Diesel | 878.7685368 | 29604.24899 | 3959.786887 | | 1.152408815 |
| Placer Cou | 2030 | MH | Aggregate | Aggregate | Gasoline | 824.145804 | 7365.400427 | 82.44754623 | 1.668009175 | |
| Placer Cou | 2030 | MH | Aggregate | Aggregate | Diesel | 558.0465475 | 4718.367255 | 55.80465475 | | 0.503088205 |
| Placer Cou | 2030 | Motor Coach | Aggregate | Aggregate | Diesel | 16.87578672 | 1998.014167 | 387.8055788 | | 0.341571447 |
| Placer Cou | 2030 | OBUS | Aggregate | Aggregate | Gasoline | 99.11629508 | 3982.38567 | 1983.118832 | 0.793334039 | |
| Placer Cou | 2030 | PTO | Aggregate | Aggregate | Diesel | 0 | 5819.021078 | 0 | | 1.107856854 |
| Placer Cou | 2030 | SBUS | Aggregate | Aggregate | Gasoline | 32.70318274 | 1639.02999 | 130.8127309 | 0.160590953 | |
| Placer Cou | 2030 | SBUS | Aggregate | Aggregate | Diesel | 238.2305296 | 5123.022355 | 3449.578069 | | 0.618693171 |
| Placer Cou | 2030 | T6 CAIRP heavy | Aggregate | Aggregate | Diesel | 15.72931941 | 3189.00994 | 361.45976 | | 0.303654486 |
| Placer Cou | 2030 | T6 CAIRP small | Aggregate | Aggregate | Diesel | 14.08414273 | 785.1198345 | 323.6536 | | 0.083688899 |
| Placer Cou | 2030 | T6 instate heavy | Aggregate | Aggregate | Diesel | 343.7257893 | 14263.5021 | 4071.472432 | | 1.603583289 |
| Placer Cou | 2030 | T6 instate small | Aggregate | Aggregate | Diesel | 2114.1891 | 83438.07448 | 25482.5788 | | 9.475776147 |
| Placer Cou | 2030 | T6 OOS heavy | Aggregate | Aggregate | Diesel | 7.966719275 | 2120.425181 | 183.0752089 | | 0.196267773 |
| Placer Cou | 2030 | T6 OOS small | Aggregate | Aggregate | Diesel | 8.557508763 | 484.5723524 | 196.6515514 | | 0.048849617 |
| Placer Cou | 2030 | T6 Public | Aggregate | Aggregate | Diesel | 342.0365929 | 13896.80215 | 1754.647722 | | 1.699823098 |
| Placer Cou | 2030 | T6 Utility | Aggregate | Aggregate | Diesel | 31.38545118 | 1301.821164 | 401.7337751 | | 0.142109018 |
| Placer Cou | 2030 | T6TS | Aggregate | Aggregate | Gasoline | 332.4555584 | 17193.3334 | 6651.770812 | 3.422287096 | |
| Placer Cou | 2030 | T7 CAIRP | Aggregate | Aggregate | Diesel | 776.2037104 | 160584.4292 | 17837.16127 | | 23.72524976 |
| Placer Cou | 2030 | T7 NNOOS | Aggregate | Aggregate | Diesel | 739.6828837 | 208027.7646 | 16997.91267 | | 28.90091697 |
| Placer Cou | 2030 | T7 NOOS | Aggregate | Aggregate | Diesel | 319.2072364 | 75593.65732 | 7335.382291 | | 10.84475763 |
| Placer Cou | 2030 | T7 Other Port | Aggregate | Aggregate | Diesel | 2.456558682 | 571.5764156 | 40.18930003 | | 0.08807835 |
| Placer Cou | 2030 | T7 POAK | Aggregate | Aggregate | Diesel | 54.92179483 | 5984.440888 | 898.5205634 | | 0.956176068 |
| Placer Cou | 2030 | T7 Public | Aggregate | Aggregate | Diesel | 333.4489999 | 14293.89285 | 1710.59337 | | 2.585458108 |
| Placer Cou | 2030 | T7 Single | Aggregate | Aggregate | Diesel | 571.2651651 | 28923.95969 | 5381.317855 | | 4.799997381 |
| Placer Cou | 2030 | T7 SWCV | Aggregate | Aggregate | Diesel | 127.9014785 | 8291.411614 | 588.3468009 | | 2.934606048 |
| Placer Cou | 2030 | T7 Tractor | Aggregate | Aggregate | Diesel | 690.428589 | 47162.58467 | 10031.9274 | | 7.28718413 |
| Placer Cou | 2030 | T7 Utility | Aggregate | Aggregate | Diesel | 17.89133927 | 764.2499755 | 229.0091426 | | 0.127102717 |
| Placer Cou | 2030 | T7IS | Aggregate | Aggregate | Gasoline | 0.360112816 | 42.6775256 | 7.205137221 | 0.009842023 | |
| Placer Cou | 2030 | UBUS | Aggregate | Aggregate | Gasoline | 35.19026139 | 2392.699444 | 140.7610455 | 0.424601199 | |
| Placer Cou | 2030 | UBUS | Aggregate | Aggregate | Diesel | 44.79411681 | 4839.797142 | 179.1764672 | | 0.48849398 |
| | | | | | | | | | 373.74 | 117.43 |
| | | | | | | TOTAL | 10,701,535 | | | 21.8 0.05 |
| | | | | | | Total (Gas) | 9,707,131 | | | 26.0 0.04 |
| | | | | | | Total (Diesel) | 994,404 | | | 8.5 0.12 |
| | | | | | | Annual VMT | | | | |
| | | | | | | 3,948,951 | | | | |
| | | | | | | | Mix (%) | Miles | Gallons | |
| | | | | | | Gas | 50.0% | 1,974,476 | 76,021 | |
| | | | | | | Diesel | 50.0% | 1,974,476 | 233,176 | |

Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Industrial Park | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.500000 | 0.500000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |

Gas 50.0%
Diesel 50.0%

Source: EMFAC2021 (v1.0.1) Emissions Inventory

Region Type: Air District

Region: Placer County APCD

Calendar Year: 2030

Season: Annual

Vehicle Classification: EMFAC2011 Categories

Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

| Region | CalYr | VehClass | MdlYr | Speed miles/hr | Fuel | Population vehicles | VMT miles/day | Trips trips/day | Gasoline Fuel Consumption 1,000 gallons/day | Diesel Fuel Consumption 1,000 gallons/day |
|------------|-------|------------------|-----------|-------------------|----------|------------------------|------------------|--------------------|---|---|
| Placer Cou | 2030 | All Other Buses | Aggregate | Aggregate | Diesel | 95.86114137 | 4588.806376 | 853.1641582 | | 0.506598724 |
| Placer Cou | 2030 | LDA | Aggregate | Aggregate | Gasoline | 105598.9412 | 4154454.641 | 491003.8988 | 128.6169859 | |
| Placer Cou | 2030 | LDA | Aggregate | Aggregate | Diesel | 222.7982779 | 6520.935608 | 946.3027208 | | 0.14318783 |
| Placer Cou | 2030 | LDT1 | Aggregate | Aggregate | Gasoline | 12099.45599 | 424081.0123 | 52940.0327 | 15.74288822 | |
| Placer Cou | 2030 | LDT1 | Aggregate | Aggregate | Diesel | 0.09421029 | 3.401664952 | 0.383241078 | | 0.000123427 |
| Placer Cou | 2030 | LDT2 | Aggregate | Aggregate | Gasoline | 75531.68396 | 3123723.742 | 350248.6851 | 119.4356117 | |
| Placer Cou | 2030 | LDT2 | Aggregate | Aggregate | Diesel | 304.0193108 | 12487.23573 | 1411.720718 | | 0.359341804 |
| Placer Cou | 2030 | LHD1 | Aggregate | Aggregate | Gasoline | 5356.220712 | 197977.7478 | 79799.70784 | 19.27850792 | |
| Placer Cou | 2030 | LHD1 | Aggregate | Aggregate | Diesel | 5134.369973 | 174008.3792 | 64583.91522 | | 10.81322978 |
| Placer Cou | 2030 | LHD2 | Aggregate | Aggregate | Gasoline | 670.5912244 | 24432.44007 | 9990.810062 | 2.664534401 | |
| Placer Cou | 2030 | LHD2 | Aggregate | Aggregate | Diesel | 2127.671638 | 75015.47264 | 26763.4326 | | 5.596418511 |
| Placer Cou | 2030 | MCY | Aggregate | Aggregate | Gasoline | 8510.666922 | 45633.02544 | 17021.33384 | 1.115819484 | |
| Placer Cou | 2030 | MDV | Aggregate | Aggregate | Gasoline | 47052.68861 | 1704212.794 | 214511.814 | 80.41136703 | |
| Placer Cou | 2030 | MDV | Aggregate | Aggregate | Diesel | 878.7685368 | 29604.24899 | 3959.786887 | | 1.152408815 |
| Placer Cou | 2030 | MH | Aggregate | Aggregate | Gasoline | 824.145804 | 7365.400427 | 82.44754623 | 1.668009175 | |
| Placer Cou | 2030 | MH | Aggregate | Aggregate | Diesel | 558.0465475 | 4718.367255 | 55.80465475 | | 0.503088205 |
| Placer Cou | 2030 | Motor Coach | Aggregate | Aggregate | Diesel | 16.87578672 | 1998.014167 | 387.8055788 | | 0.341571447 |
| Placer Cou | 2030 | OBUS | Aggregate | Aggregate | Gasoline | 99.11629508 | 3982.38567 | 1983.118832 | 0.793334039 | |
| Placer Cou | 2030 | PTO | Aggregate | Aggregate | Diesel | 0 | 5819.021078 | 0 | | 1.107856854 |
| Placer Cou | 2030 | SBUS | Aggregate | Aggregate | Gasoline | 32.70318274 | 1639.02999 | 130.8127309 | 0.160590953 | |
| Placer Cou | 2030 | SBUS | Aggregate | Aggregate | Diesel | 238.2305296 | 5123.022355 | 3449.578069 | | 0.618693171 |
| Placer Cou | 2030 | T6 CAIRP heavy | Aggregate | Aggregate | Diesel | 15.72931941 | 3189.00994 | 361.45976 | | 0.303654486 |
| Placer Cou | 2030 | T6 CAIRP small | Aggregate | Aggregate | Diesel | 14.08414273 | 785.1198345 | 323.6536 | | 0.083688899 |
| Placer Cou | 2030 | T6 instate heavy | Aggregate | Aggregate | Diesel | 343.7257893 | 14263.5021 | 4071.472432 | | 1.603583289 |
| Placer Cou | 2030 | T6 instate small | Aggregate | Aggregate | Diesel | 2114.1891 | 83438.07448 | 25482.5788 | | 9.475776147 |
| Placer Cou | 2030 | T6 OOS heavy | Aggregate | Aggregate | Diesel | 7.966719275 | 2120.425181 | 183.0752089 | | 0.196267773 |
| Placer Cou | 2030 | T6 OOS small | Aggregate | Aggregate | Diesel | 8.557508763 | 484.5723524 | 196.6515514 | | 0.048849617 |
| Placer Cou | 2030 | T6 Public | Aggregate | Aggregate | Diesel | 342.0365929 | 13896.80215 | 1754.647722 | | 1.699823098 |
| Placer Cou | 2030 | T6 Utility | Aggregate | Aggregate | Diesel | 31.38545118 | 1301.821164 | 401.7337751 | | 0.142109018 |
| Placer Cou | 2030 | T6TS | Aggregate | Aggregate | Gasoline | 332.4555584 | 17193.3334 | 6651.770812 | 3.422287096 | |
| Placer Cou | 2030 | T7 CAIRP | Aggregate | Aggregate | Diesel | 776.2037104 | 160584.4292 | 17837.16127 | | 23.72524976 |
| Placer Cou | 2030 | T7 NNOOS | Aggregate | Aggregate | Diesel | 739.6828837 | 208027.7646 | 16997.91267 | | 28.90091697 |
| Placer Cou | 2030 | T7 NOOS | Aggregate | Aggregate | Diesel | 319.2072364 | 75593.65732 | 7335.382291 | | 10.84475763 |
| Placer Cou | 2030 | T7 Other Port | Aggregate | Aggregate | Diesel | 2.456558682 | 571.5764156 | 40.18930003 | | 0.08807835 |
| Placer Cou | 2030 | T7 POAK | Aggregate | Aggregate | Diesel | 54.92179483 | 5984.440888 | 898.5205634 | | 0.956176068 |
| Placer Cou | 2030 | T7 Public | Aggregate | Aggregate | Diesel | 333.4489999 | 14293.89285 | 1710.59337 | | 2.585458108 |
| Placer Cou | 2030 | T7 Single | Aggregate | Aggregate | Diesel | 571.2651651 | 28923.95969 | 5381.317855 | | 4.799997381 |
| Placer Cou | 2030 | T7 SWCV | Aggregate | Aggregate | Diesel | 127.9014785 | 8291.411614 | 588.3468009 | | 2.934606048 |
| Placer Cou | 2030 | T7 Tractor | Aggregate | Aggregate | Diesel | 690.428589 | 47162.58467 | 10031.9274 | | 7.28718413 |
| Placer Cou | 2030 | T7 Utility | Aggregate | Aggregate | Diesel | 17.89133927 | 764.2499755 | 229.0091426 | | 0.127102717 |
| Placer Cou | 2030 | T7IS | Aggregate | Aggregate | Gasoline | 0.360112816 | 42.6775256 | 7.205137221 | 0.009842023 | |
| Placer Cou | 2030 | UBUS | Aggregate | Aggregate | Gasoline | 35.19026139 | 2392.699444 | 140.7610455 | 0.424601199 | |
| Placer Cou | 2030 | UBUS | Aggregate | Aggregate | Diesel | 44.79411681 | 4839.797142 | 179.1764672 | | 0.48849398 |
| | | | | | | | | | 373.74 | 117.43 |
| | | | | | | TOTAL | 10,701,535 | | | 21.8 0.05 |
| | | | | | | Total (Gas) | 9,707,131 | | | 26.0 0.04 |
| | | | | | | Total (Diesel) | 994,404 | | | 8.5 0.12 |
| | | | | | | Annual VMT | | | | |
| | | | | | | 24,365,865 | | | | |
| | | | | | | | Mix (%) | Miles | Gallons | |
| | | | | | | Gas | 100.0% | 24,365,865 | 938,136 | |
| | | | | | | Diesel | 0.0% | 0 | 0 | |

Fleet Mix

| Land Use | LDA | LDT1 | LDT2 | MDV | LHD1 | LHD2 | MHD | HHD | OBUS | UBUS | MCY | SBUS | MH |
|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Industrial Park | 0.340000 | 0.330000 | 0.330000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |

Gas 100.0%
Diesel 0.0%

24,365,865
3,948,951

| Operational Offsite Equipment Use | | | | | | | | |
|--|------------------------|--------|-------------|-------------|-------------|----------------|----------------------|-------------------|
| Fuel Type | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor | Number of days | Average Daily Factor | Diesel Fuel Usage |
| Diesel | Forklifts | 15 | 8.00 | 89 | 0.20 | 260 | 0.6 | 333,216 |
| Diesel | Generator Sets | 5 | 8.00 | 84 | 0.74 | 12 | 0.6 | 17,902 |
| Diesel | Off-Highway Trucks | 2 | 8.00 | 402 | 0.38 | 260 | 0.60 | 381,289 |
| Diesel | TRU Idling | 59 | 4.00 | 35 | 0.60 | 344 | 0.6 | 1,022,918 |

Construction Fuel Use

Phase 1 Construction Offroad Equipment (2023)

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor | Number of days | Average Daily Factor | Diesel Fuel Usage |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|----------------|----------------------|-------------------|
| Site Preparation | Rubber Tired Dozers | 3.0 | 8.0 | 247.0 | 0.4 | 43 | 0.6 | 3,059 |
| Site Preparation | Tractors/Loaders/Backhoes | 4.0 | 8.0 | 97.0 | 0.4 | 43 | 0.6 | 1,482 |
| Grading/Trenching | Excavators | 2.0 | 8.0 | 158.0 | 0.4 | 43 | 0.6 | 1,239 |
| Grading/Trenching | Graders | 1.0 | 8.0 | 187.0 | 0.4 | 43 | 0.6 | 791 |
| Grading/Trenching | Rubber Tired Dozers | 1.0 | 8.0 | 247.0 | 0.4 | 43 | 0.6 | 1,020 |
| Grading/Trenching | Scrapers | 2.0 | 8.0 | 367.0 | 0.5 | 43 | 0.6 | 3,636 |
| Grading/Trenching | Tractors/Loaders/Backhoes | 2.0 | 8.0 | 97.0 | 0.4 | 43 | 0.6 | 741 |
| Building Construction | Cranes | 1.0 | 7.0 | 231.0 | 0.3 | 218 | 0.6 | 3,067 |
| Building Construction | Forklifts | 3.0 | 8.0 | 89.0 | 0.2 | 218 | 0.6 | 2,794 |
| Building Construction | Generator Sets | 1.0 | 8.0 | 84.0 | 0.7 | 218 | 0.6 | 3,252 |
| Building Construction | Tractors/Loaders/Backhoes | 3.0 | 7.0 | 97.0 | 0.4 | 218 | 0.6 | 4,929 |
| Building Construction | Welders | 1.0 | 8.0 | 46.0 | 0.5 | 218 | 0.6 | 1,083 |
| Paving | Pavers | 2.0 | 8.0 | 130.0 | 0.4 | 45 | 0.6 | 1,179 |
| Paving | Paving Equipment | 2.0 | 8.0 | 132.0 | 0.4 | 45 | 0.6 | 1,026 |
| Paving | Rollers | 2.0 | 8.0 | 80.0 | 0.4 | 45 | 0.6 | 657 |
| Architectural Coating | Pavers | 2.0 | 8.0 | 130.0 | 0.4 | 45 | 0.6 | 1,179 |
| Architectural Coating | Paving Equipment | 2.0 | 8.0 | 132.0 | 0.4 | 45 | 0.6 | 1,026 |
| Architectural Coating | Rollers | 2.0 | 8.0 | 80.0 | 0.4 | 45 | 0.6 | 657 |
| Sub TOTAL | | | | | | | | 32,817 |

Phase 2 Construction Offroad Equipment (2024)

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor | Number of days | Average Daily Factor | Diesel Fuel Usage |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|----------------|----------------------|-------------------|
| Site Preparation | Rubber Tired Dozers | 3 | 8.00 | 247 | 0 | 45 | 0.6 | 3,201 |
| Site Preparation | Tractors/Loaders/Backhoes | 4 | 8.00 | 97 | 0 | 45 | 0.6 | 1,550 |
| Grading | Excavators | 2 | 8.00 | 158 | 0 | 44 | 0.6 | 1,268 |
| Grading | Graders | 1 | 8.00 | 187 | 0 | 44 | 0.6 | 810 |
| Grading | Rubber Tired Dozers | 1 | 8.00 | 247 | 0 | 44 | 0.6 | 1,043 |
| Grading | Scrapers | 2 | 8.00 | 367 | 0 | 44 | 0.6 | 3,720 |
| Grading | Tractors/Loaders/Backhoes | 2 | 8.00 | 97 | 0 | 44 | 0.6 | 758 |
| Building Construction | Cranes | 1 | 7.00 | 231 | 0 | 176 | 0.6 | 2,476 |
| Building Construction | Forklifts | 3 | 8.00 | 89 | 0 | 176 | 0.6 | 2,256 |
| Building Construction | Generator Sets | 1 | 8.00 | 84 | 1 | 176 | 0.6 | 2,626 |
| Building Construction | Tractors/Loaders/Backhoes | 3 | 7.00 | 97 | 0 | 176 | 0.6 | 3,979 |
| Building Construction | Welders | 1 | 8.00 | 46 | 0 | 176 | 0.6 | 874 |
| Paving | Pavers | 2 | 8.00 | 130 | 0 | 44 | 0.6 | 1,153 |
| Paving | Paving Equipment | 2 | 8.00 | 132 | 0 | 44 | 0.6 | 1,004 |
| Paving | Rollers | 2 | 8.00 | 80 | 0 | 44 | 0.6 | 642 |
| Architectural Coating | Pavers | 2 | 8.00 | 130 | 0 | 44 | 0.6 | 1,153 |

| | Year | Start Date | End Date | Network Days |
|-----------------------|------|------------|-----------|--------------|
| Phase 1 | | | | |
| Site Preparation | 2023 | 1/1/2023 | 3/1/2023 | 43 |
| Trenching | 2023 | 2/1/2023 | 4/1/2023 | 43 |
| Grading | 2023 | 2/1/2023 | 4/1/2023 | 43 |
| Building Construction | 2023 | 2/1/2023 | 12/1/2023 | 218 |
| Paving | 2023 | 10/1/2023 | 12/1/2023 | 45 |
| Architectural Coating | 2023 | 10/1/2023 | 12/1/2023 | 45 |

| | | | | |
|-----------------------|------|-----------|----------|-----|
| Phase 2 | | | | |
| Site Preparation | 2024 | 4/1/2024 | 6/1/2024 | 45 |
| Trenching | 2024 | 5/1/2024 | 7/1/2024 | 44 |
| Grading | 2024 | 5/1/2024 | 7/1/2024 | 44 |
| Building Construction | 2024 | 5/1/2024 | 1/1/2025 | 176 |
| Paving | 2024 | 11/1/2024 | 1/1/2025 | 44 |
| Architectural Coating | 2024 | 11/1/2024 | 1/1/2025 | 44 |

| | | | | |
|-----------------------|------|-----------|----------|-----|
| Phase 3 | | | | |
| Site Preparation | 2026 | 4/1/2026 | 6/1/2026 | 44 |
| Trenching | 2026 | 5/1/2026 | 7/1/2026 | 44 |
| Grading | 2026 | 5/1/2026 | 7/1/2026 | 44 |
| Building Construction | 2026 | 5/1/2026 | 1/1/2027 | 176 |
| Paving | 2026 | 11/1/2026 | 1/1/2027 | 45 |
| Architectural Coating | 2026 | 11/1/2026 | 1/1/2027 | 45 |

| | | | | |
|-----------------------|------|----------|----------|-----|
| Phase 4 | | | | |
| Site Preparation | 2028 | 4/1/2028 | 6/1/2028 | 44 |
| Trenching | 2028 | 5/1/2028 | 7/1/2028 | 45 |
| Grading | 2028 | 5/1/2028 | 7/1/2028 | 45 |
| Building Construction | 2028 | 5/1/2028 | 4/1/2029 | 240 |
| Paving | 2028 | 2/1/2029 | 4/1/2029 | 42 |
| Architectural Coating | 2028 | 2/1/2029 | 4/1/2029 | 42 |

| | | | | | | | | |
|-----------------------|------------------|---|------|-----|---|----|-----|---------------|
| Architectural Coating | Paving Equipment | 2 | 8.00 | 132 | 0 | 44 | 0.6 | 1,004 |
| Architectural Coating | Rollers | 2 | 8 | 80 | 0 | 44 | 0.6 | 642 |
| Sub TOTAL | | | | | | | | 30,160 |

Phase 3 Construction Offroad Equipment (2026)

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor | Number of days | Average Daily Factor | Diesel Fuel Usage |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|----------------|----------------------|-------------------|
| Site Preparation | Rubber Tired Dozers | 3 | 8.00 | 247.0 | 0.4 | 44 | 0.6 | 3,130 |
| Site Preparation | Tractors/Loaders/Backhoes | 4 | 8.00 | 97.0 | 0.4 | 44 | 0.6 | 1,516 |
| Grading | Excavators | 2 | 8.00 | 158.0 | 0.4 | 44 | 0.6 | 1,268 |
| Grading | Graders | 1 | 8.00 | 187.0 | 0.4 | 44 | 0.6 | 810 |
| Grading | Rubber Tired Dozers | 1 | 8.00 | 247.0 | 0.4 | 44 | 0.6 | 1,043 |
| Grading | Scrapers | 2 | 8.00 | 367.0 | 0.5 | 44 | 0.6 | 3,720 |
| Grading | Tractors/Loaders/Backhoes | 2 | 8.00 | 97.0 | 0.4 | 44 | 0.6 | 758 |
| Building Construction | Cranes | 1 | 7.00 | 231.0 | 0.3 | 176 | 0.6 | 2,476 |
| Building Construction | Forklifts | 3 | 8.00 | 89.0 | 0.2 | 176 | 0.6 | 2,256 |
| Building Construction | Generator Sets | 1 | 8.00 | 84.0 | 0.7 | 176 | 0.6 | 2,626 |
| Building Construction | Tractors/Loaders/Backhoes | 3 | 7.00 | 97.0 | 0.4 | 176 | 0.6 | 3,979 |
| Building Construction | Welders | 1 | 8.00 | 46.0 | 0.5 | 176 | 0.6 | 874 |
| Paving | Pavers | 2 | 8.00 | 130.0 | 0.4 | 45 | 0.6 | 1,179 |
| Paving | Paving Equipment | 2 | 8.00 | 132.0 | 0.4 | 45 | 0.6 | 1,026 |
| Paving | Rollers | 2 | 8.00 | 80.0 | 0.4 | 45 | 0.6 | 657 |
| Architectural Coating | Pavers | 2 | 8.00 | 130.0 | 0.4 | 45 | 0.6 | 1,179 |
| Architectural Coating | Paving Equipment | 2 | 8.00 | 132.0 | 0.4 | 45 | 0.6 | 1,026 |
| Architectural Coating | Rollers | 2.0 | 8.0 | 80.0 | 0.4 | 45 | 0.6 | 657 |
| Sub TOTAL | | | | | | | | 30,181 |

Phase 4 Construction Offroad Equipment (2028)

| Phase Name | Offroad Equipment Type | Amount | Usage Hours | Horse Power | Load Factor | Number of days | Average Daily Factor | Diesel Fuel Usage |
|-----------------------|---------------------------|--------|-------------|-------------|-------------|----------------|----------------------|-------------------|
| Site Preparation | Rubber Tired Dozers | 3 | 8.00 | 247.0 | 0.4 | 44 | 0.6 | 3,130 |
| Site Preparation | Tractors/Loaders/Backhoes | 4 | 8.00 | 97.0 | 0.4 | 44 | 0.6 | 1,516 |
| Grading | Excavators | 2 | 8.00 | 158.0 | 0.4 | 45 | 0.6 | 1,297 |
| Grading | Graders | 1 | 8.00 | 187.0 | 0.4 | 45 | 0.6 | 828 |
| Grading | Rubber Tired Dozers | 1 | 8.00 | 247.0 | 0.4 | 45 | 0.6 | 1,067 |
| Grading | Scrapers | 2 | 8.00 | 367.0 | 0.5 | 45 | 0.6 | 3,805 |
| Grading | Tractors/Loaders/Backhoes | 2 | 8.00 | 97.0 | 0.4 | 45 | 0.6 | 775 |
| Building Construction | Cranes | 1 | 7.00 | 231.0 | 0.3 | 240 | 0.6 | 3,376 |
| Building Construction | Forklifts | 3 | 8.00 | 89.0 | 0.2 | 240 | 0.6 | 3,076 |
| Building Construction | Generator Sets | 1 | 8.00 | 84.0 | 0.7 | 240 | 0.6 | 3,580 |
| Building Construction | Tractors/Loaders/Backhoes | 3 | 7.00 | 97.0 | 0.4 | 240 | 0.6 | 5,427 |
| Building Construction | Welders | 1 | 8.00 | 46.0 | 0.5 | 240 | 0.6 | 1,192 |
| Paving | Pavers | 2 | 8.00 | 130.0 | 0.4 | 42 | 0.6 | 1,101 |
| Paving | Paving Equipment | 2 | 8.00 | 132.0 | 0.4 | 42 | 0.6 | 958 |
| Paving | Rollers | 2 | 8.00 | 80.0 | 0.4 | 42 | 0.6 | 613 |
| Architectural Coating | Pavers | 2 | 8.00 | 130.0 | 0.4 | 42 | 0.6 | 1,101 |

| | | | | | | | | |
|-----------------------|------------------|-----|------|-------|-----|----|-----|----------------|
| Architectural Coating | Paving Equipment | 2 | 8.00 | 132.0 | 0.4 | 42 | 0.6 | 958 |
| Architectural Coating | Rollers | 2.0 | 8.0 | 80.0 | 0.4 | 42 | 0.6 | 613 |
| Sub TOTAL | | | | | | | | 34,413 |
| TOTAL | | | | | | | | 127,571 |

Trips and VMT

Phase 1 (2023)

| Phase Name | Daily Worker Trip | Days per Year | Total Worker Trips | Total Vendor Trips | Total Hauling Trips | Worker Trip Length (miles) | Vendor Trip Length (miles) | Haul Trip Length (miles) | Total Worker Trip Length (miles) | Total Vendor Trip Length (miles) | Total Haul Trip Length (miles) | Total gallons of gasoline | Total gallons of diesel |
|-----------------------|-------------------|---------------|--------------------|--------------------|---------------------|----------------------------|----------------------------|--------------------------|----------------------------------|----------------------------------|--------------------------------|---------------------------|-------------------------|
| Site Preparation | 18.00 | 43 | 774 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | 13003.2 | 0 | 0 | 495 | 0 |
| Grading | 20.00 | 43 | 860 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | 14448 | 0 | 0 | 550 | 0 |
| Trenching | 20.00 | 43 | 860 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | 14448 | 0 | 0 | 550 | 0 |
| Building Construction | 244.00 | 218 | 53192 | 95.00 | 0.00 | 16.80 | 6.60 | 20.00 | 893626.6 | 627 | 0 | 34,022 | 103 |
| Paving | 15.00 | 45 | 675 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | 11340 | 0 | 0 | 432 | 0 |
| Architectural Coating | 15.00 | 45 | 675 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | 11340 | 0 | 0 | 432 | 0 |
| Sub TOTAL | | | | | | | | | | | | 36,481 | 103 |

Phase 2 (2024)

| Phase Name | Daily Worker Trip | Days per Year | Total Worker Trips | Total Vendor Trips | Total Hauling Trips | Worker Trip Length (miles) | Vendor Trip Length (miles) | Haul Trip Length (miles) | Total Worker Trip Length (miles) | Total Vendor Trip Length (miles) | Total Haul Trip Length (miles) | Total gallons of gasoline | Total gallons of diesel |
|-----------------------|-------------------|---------------|--------------------|--------------------|---------------------|----------------------------|----------------------------|--------------------------|----------------------------------|----------------------------------|--------------------------------|---------------------------|-------------------------|
| Site Preparation | 18.00 | 45 | 810 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | 13608 | 0 | 0 | 510 | 0 |
| Grading | 20.00 | 44 | 880 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | 14784 | 0 | 0 | 554 | 0 |
| Trenching | 20.00 | 44 | 880 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | 14784 | 0 | 0 | 554 | 0 |
| Building Construction | 307.00 | 176 | 54032 | 121.00 | 0.00 | 16.80 | 6.60 | 20.00 | 907737.6 | 798.6 | 0 | 34,014 | 131 |
| Paving | 15.00 | 44 | 660 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | 11088 | 0 | 0 | 415 | 0 |
| Architectural Coating | 15.00 | 44 | 660 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | 11088 | 0 | 0 | 415 | 0 |
| Sub TOTAL | | | | | | | | | | | | 36,463 | 131 |

Phase 3 (2026)

| Phase Name | Daily Worker Trip | Days per Year | Total Worker Trips | Total Vendor Trips | Total Hauling Trips | Worker Trip Length (miles) | Vendor Trip Length (miles) | Haul Trip Length (miles) | Total Worker Trip Length (miles) | Total Vendor Trip Length (miles) | Total Haul Trip Length (miles) | Total gallons of gasoline | Total gallons of diesel |
|-----------------------|-------------------|---------------|--------------------|--------------------|---------------------|----------------------------|----------------------------|--------------------------|----------------------------------|----------------------------------|--------------------------------|---------------------------|-------------------------|
| Site Preparation | 18.00 | 44 | 792 | 0.00 | 0.00 | 10.80 | 7.30 | 20.00 | 8553.6 | 0 | 0 | 309 | 0 |
| Trenching | 20.00 | 44 | 880 | 0.00 | 0.00 | 10.80 | 7.30 | 20.00 | 9504 | 0 | 0 | 344 | 0 |
| Grading | 20.00 | 44 | 880 | 0.00 | 0.00 | 10.80 | 7.30 | 20.00 | 9504 | 0 | 0 | 344 | 0 |
| Building Construction | 579.00 | 176 | 101904 | 226.00 | 0.00 | 10.80 | 7.30 | 20.00 | 1100563.2 | 1649.8 | 0 | 39,811 | 266 |
| Paving | 15.00 | 45 | 675 | 0.00 | 0.00 | 10.80 | 7.30 | 20.00 | 7290 | 0 | 0 | 264 | 0 |
| Architectural Coating | 15.00 | 45 | 675 | 0.00 | 0.00 | 10.80 | 7.30 | 20.00 | 7290 | 0 | 0 | 264 | 0 |
| Sub TOTAL | | | | | | | | | | | | 41,335 | 266 |

Phase 4 (2028)

| Phase Name | Daily Worker Trip | Days per Year | Total Worker Trips | Total Vendor Trips | Total Hauling Trips | Worker Trip Length (miles) | Vendor Trip Length (miles) | Haul Trip Length (miles) | Total Worker Trip Length (miles) | Total Vendor Trip Length (miles) | Total Haul Trip Length (miles) | Total gallons of gasoline | Total gallons of diesel |
|-----------------------|-------------------|---------------|--------------------|--------------------|---------------------|----------------------------|----------------------------|--------------------------|----------------------------------|----------------------------------|--------------------------------|---------------------------|-------------------------|
| Site Preparation | 18.00 | 18.00 | 324 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | 5443.2 | 0 | 0 | 190 | 0 |
| Grading | 15.00 | 15.00 | 225 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | 3780 | 0 | 0 | 132 | 0 |
| Trenching | 15.00 | 15.00 | 225 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | 3780 | 0 | 0 | 132 | 0 |
| Building Construction | 248.00 | 248.00 | 61504 | 97.00 | 0.00 | 16.80 | 6.60 | 20.00 | 1033267.2 | 640.2 | 0 | 36,130 | 101 |
| Paving | 15.00 | 15.00 | 225 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | 3780 | 0 | 0 | 132 | 0 |
| Architectural Coating | 15.00 | 15.00 | 225 | 0.00 | 0.00 | 16.80 | 6.60 | 20.00 | 3780 | 0 | 0 | 132 | 0 |
| Sub TOTAL | | | | | | | | | | | | 36,849 | 101 |
| Phase 1 TOTAL | | | | | | | | | | | | 151,129 | 601 |

Notes: Consistent with CalEEMod, worker vehicles assumed to be gasoline and 50% LDA, 25% LDT1, and 25% LDT2. Vendor and haul trips are assumed to be 100% diesel Heavy-Duty Trucks (T7).

Source: EMFAC2021 (v1.0.1) Emissions Inventory

Region Type: Air District

Region: Placer County APCD

Calendar Year: 2023, 2024, 2026, 2028

Season: Annual

Vehicle Classification: EMFAC2011 Categories

Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

| Region | CalYr | VehClass | MdlYr | Speed miles/hr | Fuel | Population vehicles | VMT miles/day | Trips trips/day | Fuel gas 1,000 gallons/day | Diesel gas 1,000 gallons/day | Miles per gallon | Gasoline miles per gallon | Diesel miles per gallon |
|------------|-------|------------|-----------|-------------------|----------|------------------------|------------------|--------------------|-------------------------------|---------------------------------|---------------------|------------------------------|----------------------------|
| Sacramento | 2023 | LDA | Aggregate | Aggregate | Gasoline | 106,373.64 | 3,977,334.58 | 494,051.64 | 138.44 | - | 28.73 | 26.27 | 6.08 |
| Sacramento | 2023 | LDT1 | Aggregate | Aggregate | Gasoline | 14,155.05 | 478,189.76 | 61,988.07 | 19.70 | - | 24.27 | | |
| Sacramento | 2023 | LDT2 | Aggregate | Aggregate | Gasoline | 65,168.37 | 2,677,410.55 | 304,851.45 | 114.74 | - | 23.33 | | |
| Sacramento | 2023 | T7 Tractor | Aggregate | Aggregate | Diesel | 497.61 | 40,573.88 | 7,230.31 | - | 6.68 | 6.08 | | |

Notes: Consistent with CalEEMod, worker vehicles assumed to be gasoline and 50% LDA, 25% LDT1, and 25% LDT2. Vendor and haul trips are assumed to be 100% diesel Heavy-Duty Trucks (T7).

Source: EMFAC2021 (v1.0.1) Emissions Inventory

Region Type: Air District

Region: Placer County APCD

Calendar Year: 2023, 2024, 2026, 2028

Season: Annual

Vehicle Classification: EMFAC2011 Categories

Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

| Region | CalYr | VehClass | MdlYr | Speed miles/hr | Fuel | Population vehicles | VMT miles/day | Trips trips/day | Fuel gas 1,000 gallons/day | Diesel gas 1,000 gallons/day | Miles per gallon | Gasoline miles per gallon | Diesel miles per gallon |
|------------|-------|------------|-----------|-------------------|----------|------------------------|------------------|--------------------|-------------------------------|---------------------------------|---------------------|------------------------------|----------------------------|
| Sacramento | 2024 | LDA | Aggregate | Aggregate | Gasoline | 105,776.44 | 4,003,178.87 | 491,176.03 | 137.06 | - | 29.21 | 26.69 | 6.11 |
| Sacramento | 2024 | LDT1 | Aggregate | Aggregate | Gasoline | 13,795.62 | 470,256.12 | 60,362.95 | 19.12 | - | 24.59 | | |
| Sacramento | 2024 | LDT2 | Aggregate | Aggregate | Gasoline | 66,806.32 | 2,765,186.40 | 312,162.99 | 116.48 | - | 23.74 | | |
| Sacramento | 2024 | T7 Tractor | Aggregate | Aggregate | Diesel | 530.02 | 41,644.82 | 7,701.21 | - | 6.81 | 6.11 | | |

Notes: Consistent with CalEEMod, worker vehicles assumed to be gasoline and 50% LDA, 25% LDT1, and 25% LDT2. Vendor and haul trips are assumed to be 100% diesel Heavy-Duty Trucks (T7).

Source: EMFAC2021 (v1.0.1) Emissions Inventory

Region Type: Air District

Region: Placer County APCD

Calendar Year: 2023, 2024, 2026, 2028

Season: Annual

Vehicle Classification: EMFAC2011 Categories

Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

| Region | CalYr | VehClass | MdlYr | Speed miles/hr | Fuel | Population vehicles | VMT miles/day | Trips trips/day | Fuel gas 1,000 gallons/day | Diesel gas 1,000 gallons/day | Miles per gallon | Gasoline miles per gallon | Diesel miles per gallon |
|------------|-------|------------|-----------|-------------------|----------|------------------------|------------------|--------------------|-------------------------------|---------------------------------|---------------------|------------------------------|----------------------------|
| Sacramento | 2026 | LDA | Aggregate | Aggregate | Gasoline | 105,131.79 | 4,024,146.37 | 488,150.28 | 132.79 | - | 30.30 | 27.64 | 6.21 |
| Sacramento | 2026 | LDT1 | Aggregate | Aggregate | Gasoline | 13,155.94 | 451,000.26 | 57,491.57 | 17.79 | - | 25.36 | | |
| Sacramento | 2026 | LDT2 | Aggregate | Aggregate | Gasoline | 69,958.50 | 2,894,416.44 | 326,094.81 | 117.59 | - | 24.61 | | |
| Sacramento | 2026 | T7 Tractor | Aggregate | Aggregate | Diesel | 591.07 | 43,700.06 | 8,588.31 | - | 7.04 | 6.21 | | |

Notes: Consistent with CalEEMod, worker vehicles assumed to be gasoline and 50% LDA, 25% LDT1, and 25% LDT2. Vendor and haul trips are assumed to be 100% diesel Heavy-Duty Trucks (T7).

Source: EMFAC2021 (v1.0.1) Emissions Inventory

Region Type: Air District

Region: Placer County APCD

Calendar Year: 2023, 2024, 2026, 2028

Season: Annual

Vehicle Classification: EMFAC2011 Categories

Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

| Region | CalYr | VehClass | MdlYr | Speed miles/hr | Fuel | Population vehicles | VMT miles/day | Trips trips/day | Fuel gas 1,000 gallons/day | Diesel gas 1,000 gallons/day | Miles per gallon | Gasoline miles per gallon | Diesel miles per gallon |
|------------|-------|------------|-----------|-------------------|----------|------------------------|------------------|--------------------|-------------------------------|---------------------------------|---------------------|------------------------------|----------------------------|
| Sacramento | 2028 | LDA | Aggregate | Aggregate | Gasoline | 105,156.77 | 4,084,001.65 | 488,518.16 | 130.12 | - | 31.39 | 28.60 | 6.33 |
| Sacramento | 2028 | LDT1 | Aggregate | Aggregate | Gasoline | 12,605.33 | 436,319.59 | 55,066.37 | 16.67 | - | 26.17 | | |
| Sacramento | 2028 | LDT2 | Aggregate | Aggregate | Gasoline | 72,886.87 | 3,017,812.08 | 338,867.58 | 118.57 | - | 25.45 | | |
| Sacramento | 2028 | T7 Tractor | Aggregate | Aggregate | Diesel | 644.70 | 45,549.63 | 9,367.56 | - | 7.19 | 6.33 | | |

Notes: Consistent with CalEEMod, worker vehicles assumed to be gasoline and 50% LDA, 25% LDT1, and 25% LDT2. Vendor and haul trips are assumed to be 100% diesel Heavy-Duty Trucks (T7).