

Perris H2 and CNG Fueling Station Improvements Project Energy Calculations

Construction Off-Road Fuel Use

Phase Name	Diesel Fuel Use
Site Excavation	317.30
Grading	607.65
Above Ground Construction	4779.82
Canopy Construction	4757.90
Equipment Installation	4097.19
Concrete	572.74
Utilities and Piping	124.59
Total (Diesel Gallons)	15257.19

Construction On-Road Fuel Use

Trip Type	Gasoline Consumption	Diesel Consumption
Worker	170.80	0.37
Vendor	24.23	46.29
Hauling	70.31	134.34
Total (Gallons)	265.35	181.00

Operational Vehicle Fuel Use

Trip Type	Gasoline Consumption	Diesel Consumption
Passenger Cars (LDA)	84994.63	182.51
Light Trucks and Medium Vehicles (LDT1, LDT2, and MDV)	90162.72	574.31
Light-Heavy to Heavy-Heavy Diesel Trucks	8543.94	16324.06
Motorcycles	2824.38	0.00
Other	9814.55	1703.77
Total (Gallons)	196340.22	18784.66

Operational Equipment Fuel Use

Operational Equipment	Diesel Fuel Use
Other General Industrial Equipment	1,958.19
Air Compressors	2,859.01
Other General Industrial Equipment*	0.00

*This piece of equipment is electric and would not consume petroleum fuel