



Bowman Trail Solar Generating Facility Construction Trip Generation

Construction Vehicles				Vehicle Trip Generation							PCE Trip Generation						
				ADT	AM Peak Hour			PM Peak Hour			ADT	AM Peak Hour			PM Peak Hour		
Description	Quantity	Type	PCE		in	out	total	in	out	total		in	out	total	in	out	total
Phase 1: Site Preparation																	
Workers	30	Passenger	1	60	30	0	30	0	30	30	60	30	0	30	0	30	30
Dozer	1	Large Truck	2	2	1	0	1	0	1	1	4	2	0	2	0	2	2
Grader	1	Large Truck	2	2	1	0	1	0	1	1	4	2	0	2	0	2	2
Dump Truck	1	Large Truck	2	2	1	0	1	0	1	1	4	2	0	2	0	2	2
Total Phase 1				66	33	0	33	0	33	33	72	36	0	36	0	36	36
Phase 2: PV System Installation																	
Workers	60	Passenger	1	120	60	0	60	0	60	60	120	60	0	60	0	60	60
Flat Bed Truck -1	10	Large Truck	2	20	1	0	1	0	1	1	40	2	0	2	0	2	2
Freight Truck	2	Large Truck	2	4	2	0	2	0	2	2	8	4	0	4	0	4	4
Water Truck	1	Large Truck	2	2	1	0	1	0	1	1	4	2	0	2	0	2	2
Pick-up Truck	2	Passenger	1	4	2	0	2	0	2	2	4	2	0	2	0	2	2
Total Phase 2				150	66	0	66	0	66	66	176	70	0	70	0	70	70
Phase 3: Site Cleanup/Restoration																	
Workers	10	Passenger	1	20	10	0	10	0	10	10	20	10	0	10	0	10	10
Grader	1	Large Truck	2	2	1	0	1	0	1	1	4	2	0	2	0	2	2
Pickup Truck	2	Passenger	1	4	2	0	2	0	2	2	4	2	0	2	0	2	2
Total Phase 3				26	13	0	13	0	13	13	28	14	0	14	0	14	14

Note:

PCE = passenger car equivalent. A large truck has a PCE of 2. All other vehicles have a PCE of 1

ADT = average daily traffic

1 -Deliveries would occur throughout the day. It is estimated that 10 percent would occur during peak hours