

Biggs Ford Solar Center - Preliminary Construction Phasing

Phase	Construction Stage	Stage Description	Major On-Site Equipment	Average Semi Truck Deliveries per Day	Duration (Weeks)	Duration in Weeks																									
						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
1	Mobilization & Civil Site Preparation	This stage includes delivery of all equipment necessary for civil site preparation, job facilities (trailers, temporary restrooms, etc.) and site preparation work itself. Site preparation includes installation of construction entrances, gravel roads, staging areas, stormwater and erosion control measures and BMPs (silt fencing, etc.), rough and smooth grading activities, and fencing.	Water Trucks, Earth Movers, Graders, Dump Trucks	5	8	1	2	3	4	5	6	7	8																		
2	Mechanical Installation	This stage includes phased deliveries of project mechanical equipment and associated installation. Mechanical equipment for the project primarily includes the solar PV modules, pile foundations, and tracker assemblies.	Pile Drivers, Front Loaders, Gators, Pick Ups	6	18			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18						
3	Electrical Installation	This stage includes phased deliveries of project electrical equipment and associated installation. Trenching will be performed and cables and conduit installed for both the DC and AC circuitry, along with combiner boxes, inverters, transformers, and data acquisition and SCADA communications equipment. Final electrical terminations will be made once major equipment is in place.	Trencher, Front Loaders, Gators, Pickups, Limited Crane Use (Inverters and Transformer Install)	1	20					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
4	Testing and Commissioning	The final construction stage includes final installation checkout and inspection, electrical protections and controls testing, and performance testing. As prior stages of the project near completion, temporary staging and lay down areas will be vacated, and disturbed areas will be reseeded / re-vegetated. At least 50% of landscaping must be installed prior to receipt of Certificate of Occupancy.	Limited	0	4																						1	2	3	4	
5	Commercial Operation	Once final approvals are received from all AHJs and the utility company, the project can commence commercial operation.	None	0	0																									COD	

NOTES:
 Assumes 1 MWdc per week installation schedule
 During and after construction, regular SWPPP inspections are expected. SWPPP closeout will occur over a period of TBD weeks after operation commences, subject to weather and time of year.