

In pursuit of
building perfection®



Utility-Scale Solar Construction

JE Dunn's solar group has proven expertise and innovation in the solar market supported by over 90-years of commercial general contracting excellence. With 126 megawatts of utility-scale solar projects completed, our experience, processes, relationships and staff allow us to quickly and cost effectively deliver. JE Dunn is currently the 16th top utility solar contractor and the 19th top solar contractor in North America according to *Solar Power World* magazine.

JE Dunn Rankings

Solar Power World - 2015 Top 500 Solar Contractors

16

UTILITY SOLAR CONTRACTOR

19

SOLAR CONTRACTOR



PV Solar Plant

BAKERSFIELD, CALIFORNIA

size
82 MWdc

SCOPE OF WORK

This PV solar plant facility is located on a 605-acre site east of Bakersfield, California utilizing PV panel technology. The project includes 8 miles of chain link fence, 53,568 pile foundations, 96 inverters, and 248,064 solar panels with the scope of work including all grading, pile foundations, tracker system erection, concrete, electrical, and PV module installation. The construction was completed mid-fourth quarter 2014, in which JE Dunn self-performed the single-axis tracker installation and concrete.

WHY JE DUNN?

We set ourselves apart from other contractors by offering the following services to our solar clients:

- **Partnering** – We implement a true partnering approach and have the ability to promote team chemistry and buy-in while ensuring an integrated delivery process.
- **Ability to Expedite the Project** – Our experience, processes, relationships and staff allows us to quickly and cost-effectively deliver.
- **Ability to Self-Perform** – This ability can save you time and money as we can control the quality and the schedule of service.
- **Relationships with Subcontractors** – Due to our past and current work throughout the country, we are confident in our ability to bring the most qualified contractors to your project at the best price.
- **We are a True Builder** – As a builder, we understand the nuances required to manage the bid packages and help the subcontractors succeed.
- **Technology** – We have designed processes and developed technologies to use data in such a way that everyone can make better decisions faster, collaboratively, and with greater accuracy.
- **Bonding Capacity** – We operate with zero debt and our bonding company stands ready to support single projects in excess of \$250 million and an overall program in excess of \$3 billion.
- **Liability Insurance** – We are fully covered by appropriate insurance for your protection. As a result of our aggressive safety program, we enjoy a favorable EMR factor of 0.59, which gives us one of the lowest workman's compensation insurance costs in the industry – a savings that we share with our clients.

PV Solar Plant

ARVIN, CALIFORNIA

size

26 MWdc

SCOPE OF WORK

The 26 MWdc solar photovoltaic (PV) plant is located on a 145-acre site in Arvin, California. The scope of work includes the complete construction of the PV plant including all grading, pile foundation installation, tracker system, concrete, electrical, and PV module installation. JE Dunn self-performed the single-axis tracker installation, concrete and metal canopy erection.



PV Solar Plant

TONOPAH, ARIZONA

size

18 MWdc

SCOPE OF WORK

This 18 MWdc solar PV plant is located on a 160-acre site west of Phoenix, Arizona. The project includes grading and drainage of the site (80,000 CY cut to fill), installation of 13,036 pile foundations, erection of the single-axis tracker system, installation of 59,290 photovoltaic modules, installation of 12 prefabricated inverters, UG DC power lines, UG MV AC power lines, MV switch gear, two miles of project fence, and a one mile Gen-Tie connection. JE Dunn self-performed tracker and concrete work.



Collaborative Approach

As an experienced contractor, we know there are various deployment strategies for solar construction from Engineer, Procure and Construct (EPC) to General Contractor-based implementation. JE Dunn believes in working as a partner with our clients to manage every aspect of the design and construction process to significantly reduce the overall construction cost while improving speed to market. Our approach, guided by the philosophy to deliver the best possible outcome for clients, focuses on early involvement, full project team collaboration, and quality decisions made early in the development of the project. We are committed to determining the best approach to build your projects with your preferred procurement strategy.

Self-Perform

JE Dunn prides itself on not only its Construction Management expertise, but also its long history of being a true Builder. Due to the immense quantity of parts and pieces and repetitiveness of installation of the solar energy production system, JE Dunn has capitalized on the unique opportunities the solar market provides for self-perform work. JE Dunn self-performs single-axis tracker installation, concrete and metal canopy erection. JE Dunn currently employs over 1,000 tradesmen nationwide and amasses in excess of six million man-hours of self-performed work each year.

1,074 TRADESMEN
6 mil MAN-HOURS/YEAR

Safety

Safety training and safety awareness are the mainstay of our Accident Prevention Program, which includes a job-specific orientation for each employee, a safety award recognition program, and a structured disciplinary program.

.59 EMR
1st PLACE HONORS - SAFETY EXCELLENCE

The Associated General Contractors of America recently recognized JE Dunn Construction with first place honors in the national Construction Safety Excellence Awards in the Large Contractor (over four million hours) category for 2012.

Value-Added Services

Since our establishment in 1924, we have been satisfying our clients by delivering the best value at the best cost. Our successful projects and long standing clientele result from a series of Value-Added Services - programs that have been developed throughout the years to help us provide the best services possible, ultimately saving our clients' time and money while delivering a project they can be proud of.



Lean Construction We have proven that lean principles, which focus on maximizing value, eliminating waste, respecting people and continuously improving are essential and yield higher efficiency on deployment of all resources. Equally important is facilitating a higher level of collaboration amongst all project stakeholders.



Quality Our company-wide Quality Assurance / Quality Control Program, Dunn Right retains the same fundamentals that have provided JE Dunn with great success while adding key enhancements to provide our clients with the highest quality projects.



Safety No phase of our operations is of greater importance than accident prevention. To accomplish this objective, it is necessary that an effective and understandable Safety & Health policy be defined and enforced, consistent with OSHA regulations and nationally-recognized standards.



On Time Delivery Effective and efficient planning and scheduling are critical to project success. The Dunn On Time planning and scheduling group provides services ranging from proposal development, preconstruction, project scheduling, periodic schedule review verifications and site visits, recovery schedules, and large change orders.



Collaborative Project Delivery We deliver projects through a highly interactive process, involving all stakeholders, that is focused on driving decisions and actions that reduce waste, increase value, maximize technology usage, and control costs, regardless of contract delivery vehicle.



Web-Based Document Sharing The Dunn Dashboard provides web-based collaboration on design documents, BIM, electronic bid submittals, calendars, pay applications, and other project documentation. This advanced level of digital sharing allows real-time access of all critical project information to all stakeholders.

...and much more

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FOR MORE INFORMATION CONTACT:

Mike Hunter, Vice President
(602) 443-2646
mike.hunter@jedunn.com