



Engineering



Cost Optimization



Installations

We've taken the best of our knowledge gained from over 2,500 installations, and combined it with leading-edge design to create systems that fit and function together more easily, install in far less time and with greater strength. At Solar Foundations USA, we use our own proprietary components, which we manufacture and keep in constant inventory, providing you with a more cost-effective and timely installation.

Engineering

Our experienced engineers will begin by preparing a quote at no cost. The quote will be based on the specific array configuration in your initial request. Once approved, we will issue an engineer stamped structural design package for the project which can be used in obtaining permits. Our engineering services also include certified installation reports after the ground mount structure has been installed.

Cost Optimization

Our designers work to identify any opportunities for overall project cost savings by optimizing the integration of solar module selection, racking configuration, and project design parameters. This is accomplished by evaluating multiple designs for each project and identifying optimal configurations. We will present you with these available options and associated cost savings when we quote your requested design. This process gives our clients the ability to make an informed evaluation of array configuration and power output as it relates to overall project costs.

Installations

All installations of our patented products are performed by Solar Foundations USA trained and certified crews. Our crews go through a rigorous training and qualification process to ensure they have the skills necessary to provide best in class service. Standardized crew training ensures our clients can expect to receive the same high level of performance regardless of project location or installation crew. Our custom equipment rigs and patented installation equipment gives our crews the tools needed to outperform the competition.

A common issue encountered with ground mount structures is installation in difficult conditions due to dense or rocky soils as well as solid bedrock. Our crews have the ability to install our custom helical piles in any of these soils conditions by pre-drilling pile locations with the use of a carbide rock auger or drilling into solid rock with our down the hole hammer attachment. In the past, this level of capability has only been economically available on large commercial projects.

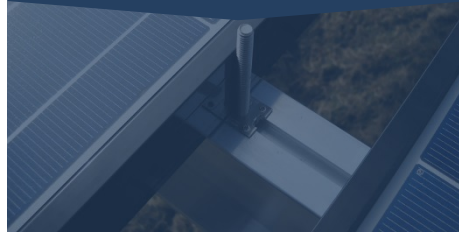
We Take Care of Everything

We provide stamped engineering plans, a comprehensive list of materials, a schedule and a field crew to do the installation. With your new ground mount structure in place, you simply install the panels and remaining infrastructure and the project is complete.

Foundations



Engineering & Design



Racking Systems



Installations



Residential Structures



Commercial Structures



We presently provide installation support along the east coast and have installed over **40 MW** of residential ground mount structures!

