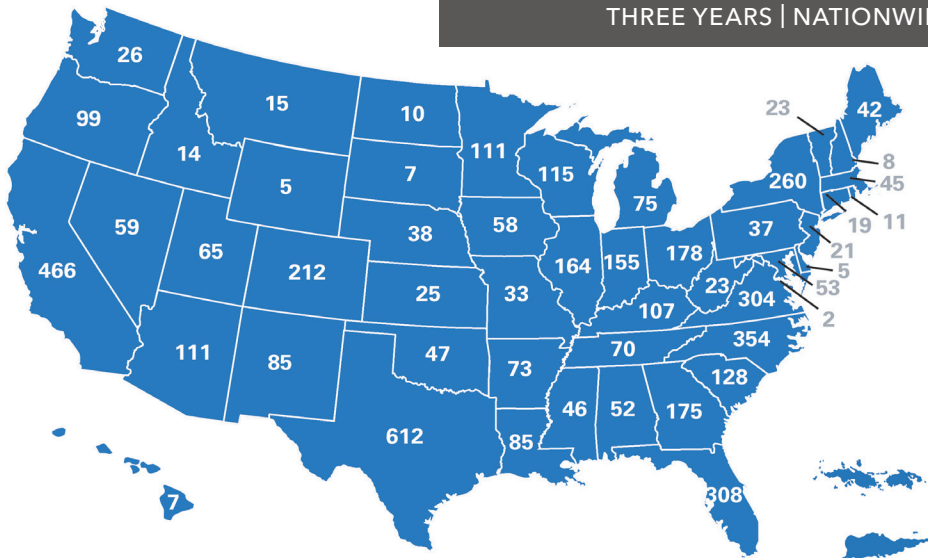


4,220+ SOLAR PROJECTS IN THE LAST THREE YEARS | NATIONWIDE



# Power Generation & Transmission | Solar

Solar energy is becoming one of the world's largest sources of electricity and Terracon is uniquely qualified to respond, helping our clients save time and money by minimizing risk during design and permitting.

We have supported more than 4,200 solar projects across 48 states and understand the challenges of project siting and foundation optimization. Our targeted services increase clarity during project development and optimize solutions during design. In addition, our "gate stop" approach allows clients to make informed decisions throughout the project life cycle.

### Project Siting

Terracon's services focus on maximizing the prudent allocation of development capital while minimizing capital at risk. This is accomplished through our Desktop Constraints Analysis (DCA) and Stage1 GeoReport, both of which are quick to complete and economical.

With the DCA, we evaluate critical issues associated with solar project siting and development. The DCA includes a review of 14 attributes including zoning, sensitive habitats and wetlands, and identifies early potential encumbrances that impact CAPEX and schedule pressures; alternatively, it may identify the path of least resistance.

Our Stage1 GeoReport includes a focused site geology evaluation to determine the suitability of driven steel pile foundations. The Stage1 GeoReport draws from public domain data, but unlike our competitors, also includes our proprietary \$1 billion repository of more than 50 years of nationwide geotechnical data.

### Site Compatibility

Information gathered during the DCA and Stage1 GeoReport allows us to practice "methods consulting," providing the best approach to meet specific project needs, which typically leads to the most efficient, cost-effective means of completing environmental surveys and geotechnical characterization.

Our clients benefit from a network of expert professionals in our more than 175 locations around the U.S. These include environmental scientists, who understand jurisdictional regulatory nuances and have working relationships with local regulators, and geotechnical engineers with years of experience practicing in their local regions.

### Design Optimization

Reducing a foot of embedment for a steel pile foundation yields savings measured in linear miles over a utility-scale project. We have more than 40 dedicated technical professionals experienced in pile foundation load

testing. We provide turnkey pile load testing (pile procurement, installation, and testing), and can complete full Issued for Construction (IFC) design packages for solar racks and trackers, or provide data reports so others can complete the design.

### Construction Support

We assist with construction quality assurance/quality control, inspection, testing, and observation through our certified construction technicians and more than 80 materials testing laboratories nationwide. We also assist with production pile load verification testing to provide data supporting design optimization during construction.

### Safety

Terracon is committed to an Incident and Injury-Free™ (IIF™)\* workplace, dedicated to create safe work environments so our clients and employees can go home safe every day.

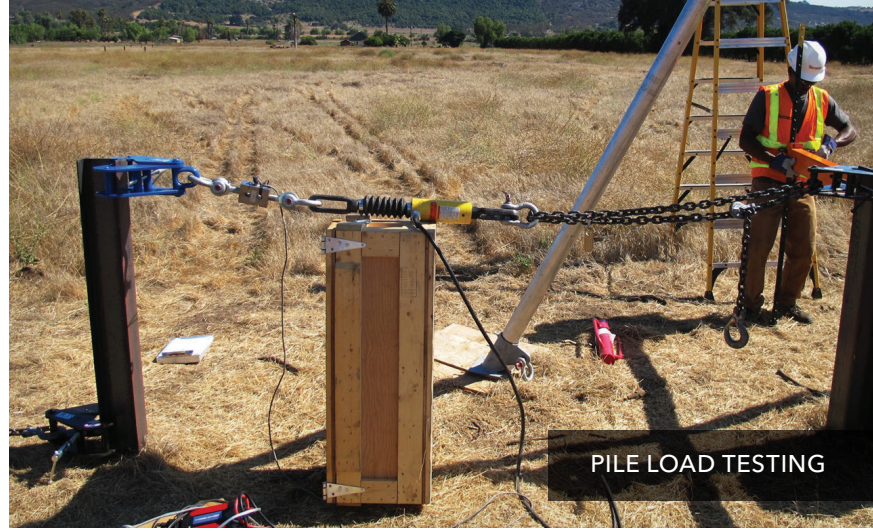
\*Terracon's safety program incorporates the Incident and Injury-Free™ (IIF™) approach to safety trademarked and provided by JMJ Associates."



Nationwide  
**Terracon.com**

- Facilities
- Environmental
- Geotechnical
- Materials

NATURAL/CULTURAL RESOURCES CONSULTING



PILE LOAD TESTING

## Why Terracon?

**Resourceful.** With more than 175 locations nationwide, we can meet your needs no matter where the project is located and connect you with the most experienced engineers and scientists to help you achieve your unique objectives.

**Responsive.** Our scientists and engineers understand aggressive schedule deadlines. We manage our work to help you exceed your schedule expectations.

**Reliable.** We are there, when and where you need us. We believe accurate data and meaningful recommendations are an expectation that cannot be compromised. Getting it done, and done right, is the only way.

*"We really owe you a debt of gratitude. Your team has done a stellar job of getting us details for our project submission. We cannot thank you enough!"*

-PATRICK I. MALONE,  
DIRECTOR OF RENEWABLE ENERGY,  
PCL CONSTRUCTION ENTERPRISES, INC.

SERVICES  
available in all  
50 states

Locations Nationwide

## ENR Rankings 2022

- #1 Asbestos and Lead Abatement
- #12 Top 100 Pure Designers
- #21 Top 500 Design Firms
- #46 Top 150 Global Design Firms
- #61 Top 200 Environmental Firms
- #10 Top 20 General Building

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