SERVICES WE PROVIDE

Facilities

- Building Enclosure Consulting and Testing
- Structural and Materials Consulting
- Mechanical, Electrical, Plumbing (MEP)/Energy Consulting
- Commissioning/ Retro-Commissioning
- Facility Asset Management Consulting
- Property Condition Assessments
- Construction Consulting Services (CCS)
- ADA and Accessibility Consulting

Environmental

- Due Diligence + Transactional Support
- Site Investigation and Closure
- Remedial Design and Implementation
- Brownfields + Site
 Redevelopment
- Asbestos and Industrial Hygiene Consulting
- Disaster Response
- Environmental Planning and Permitting
- Landscape Architecture, Planning, and Design
- Regulatory Compliance
- Solid Waste Planning and Design

Geotechnical

- Geotechnical Engineering and Rock Mechanics
- Laboratory Testing
- Geostructural Design and Instrumentation
- Pavement Management
- Collaborative Reporting/Decision Making
- Engineering Consultation During Construction
- Stage1 Site Considerations
- Site Characterization (Subsurface Exploration, In-Situ Testing, and Geophysics)

Materials

- Construction Quality Assurance/ Quality Control
- Construction/Special Inspection
- Materials Engineering
- Field Laboratory Testing and Analysis
- Construction Observation and Monitoring
- Pavement Consulting and Engineering
- Structural Steel and Nondestructive Testing



Nationwide | Terracon.com

Employee-Owned More than 50 Years of Service (800) 593-7777

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Explore with us

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Terracon has supported more than **5,100 solar projects across 48 states** and understands the challenges of project siting and foundation optimization. Our solar 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.

EXPERIENCE AND EXPERTISE

Terracon has local, dedicated expertise available to serve solar clients. We also partner with our U.S. clients to support their international needs. Our solar engineering design and consulting approach allows clients to make informed decisions at every step to minimize risk and save money.

Project Siting

Terracon's services focus on maximizing the prudent allocation of development capital while minimizing capital at risk. This is accomplished through Pivvot's (a recent Terracon Acquisition) site origination intelligence, our Desktop Constraints Analysis (DCA), and our Stage1 platform, all quick to complete and economical.

Pivvot brings analytics to your desktop. It accelerates delivery by streamlining projects with location intelligence using millions of data records that we've curated from hundreds of sources into the most comprehensive, up-to-date repository for energy projects. You can drop a location, upload a polygon, or draw a route on our simple and intuitive map to immediately access detailed crossing and impact reports.

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.

Stage1 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 Characterization

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

Terracon's geotechnical investigations are designed to provide clients solar-specific site data using cost-effective exploration planning. We also support the design team by collecting and testing corrosion data, field electrical resistivity, and thermal resistivity.

Terracon's approach also includes pile load testing to support structural design and pile optimization. Our environmental scientists understand the jurisdictional nuances and have working relationships key to navigating the permitting process.

GeoDesign

Terracon's GeoDesign engineering professionals can deliver efficient and cost-effective solutions to the most complex site issues.

Our geotechnical engineers have access to local subsurface data from Terracon's vast nationwide database of more than 50 years of historical information. This knowledge enables us to initially develop a geotechnical site evaluation needed to develop an economical design solution. Additionally, Terracon performs modeling of soil and rock mechanics and collaborates with structural and construction professionals to determine appropriate construction techniques for specific site conditions.

Terracon provides GeoDesign engineering services for a variety of project types including: solar pile design and wind turbine foundation design; slope stabilization; ground improvement (grouting rigid-inclusions, deep soil mixing, and Karst remediation); noise and vibration monitoring; and value engineering.

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 design packages for solar racks and trackers, or provide data reports so others can complete the design.

Construction Support

Terracon assists 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 provide production pile load verification testing to deliver data supporting design optimization during construction.

Safety

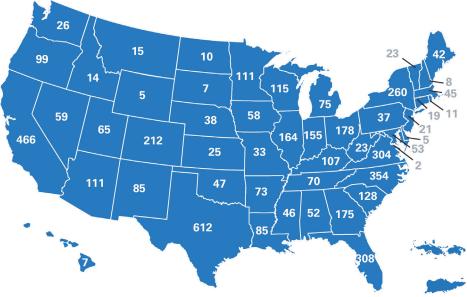
Terracon is committed to an IIF ™ (Incident and Injury-Free™)* workplace, dedicated to creating safe work environments so our clients and employees can go home safe every day.

Terracon's safety program incorporates the IIFTM Incident and Injury-FreeTM approach to safety trademarked and provided by JMJ Associates.



ENGINEERING SUCCESS

- 5,100+ solar projects completed in the last four years
- 175 locations nationwide
- 6,000+ employees





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

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

