



Power Generation and Transmission Services

As our global population continues to grow, so does the demand for energy. While energy consumption and preferences can fluctuate, the role of transmissions remains to safely and efficiently move energy from generation to load centers, ultimately providing power to those who need it. Aging infrastructure must continually be assessed, maintained, and often rebuilt to ensure reliable delivery.

Power generated from renewable energy sources adds to the complexity. Renewable power is not typically generated near population centers and requires a robust extended transmission grid to transmit over long distances.

Site Compatibility

With offices nationwide and more than 55 years of experience, Terracon knows local soil conditions and has access to enormous amounts of historic data through our proprietary Graphic Information System (GIS).

Using this GIS platform to access and manage vast amounts of public and internal information, we have the unique ability to render a highly reliable Report

of Expected Geotechnical Conditions (REGC), enabling you to effectively evaluate terrain and identify potential transmission line alignments and substation placement at a nominal investment. This helps identify highly critical areas of risk prior to performing any field exploration, ultimately saving our clients time and money in the exploration process.

Supplemental data can be obtained by field exploration using our own drill rigs and through specialized in-situ testing and geophysical surveys.

Our environmental professionals have a thorough understanding of local conditions and regulations, and know how to effectively manage the potential risks presented by the environment. Terracon specializes in performing due diligence to identify and quantify the cost of existing or potential environmental liabilities through site assessments and natural and cultural resource investigations and studies.

We easily transition into the construction portions of your project, providing concrete testing and roadway compaction testing. Terracon's proprietary data management

software delivers seamless, real-time test results, budget tracking, and a non-conformance (deficiency) item log so you have the information you need to make decisions quickly, and keep construction on schedule.

Safety

Safety is our highest priority, especially in the power generation and transmission market due to the presence of energized facilities. No matter what service we provide our clients, we are committed to delivering success...safely. Terracon's Incident and Injury-Free™ (IIF™)* workplace is a cornerstone of our business and as a result, training and certifications are part of our everyday operations.

Through our nationwide geographic coverage, technical capabilities, and risk understanding, we help our clients identify, prioritize, and deliver energy safely and reliably to the end user.

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



TAP PROJECT TRANSMISSION LINE
ALLENTOWN, PA



SUN VALLEY TO MORGAN/ 500KV TRANSMISSION LINE
MARICOPA COUNTY, AZ

Why Terracon?

Resourceful. Terracon applies new processes, methodologies, and techniques to solve project challenges cost effectively. Our innovative tools and resources enable us to customize an approach to efficiently mitigate and prevent risks.

Responsive. Through our national network of offices, accredited laboratories, and exploration fleet, Terracon can act quickly to develop a customized approach to provide you the most cost-effective program to develop the right data for you.

Reliable. We deliver high-quality, expert soil and rock characterization using diverse exploration methods and software. This ensures the accurate and precise results you need to successfully mitigate risks.

"The REGC is just the latest example of how Terracon continues to lead the way in providing inexpensive, non-intrusive geotechnical services to the renewable energy development community."

-CURT ROBINSON, PRECONSTRUCTION
PROJECT MANAGER
INFINITY RENEWABLES



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