



Cyntech designed and supplied helical piles for 137 lattice tower structures.



Substation supported by helical pile foundations with steel-to-steel connections.



Guyed-V tower supported on helical piles with a steel-to-steel connection with no welding required.

Benefits for transmission lines and substations

A principal focus of Cyntech is taking the time to understand the needs of our client and provide the optimal, project-specific solution.

By using helical pile foundations on Transmission Line and Substation projects, our clients can reduce their manhour and equipment footprint, minimize environmental impact, expedite their construction schedule, resulting in a total project cost-savings while reducing risks.

Cyntech's helical pile foundations are screwed into the soil with an excavator and drive motor. One installation crew (three-to-five-people and an excavator) can install over 20 helical piles per day. Once installed, instant confirmation of load capacity allows for immediate use. With steel-to-steel connections, concrete is eliminated. Concrete mixing and transportation costs, cure time, soil spoils, and their disposal costs are removed.

Contact our in-house engineering team or bring your own design. With over 85,000 helical piles designed and supplied worldwide, we have the proven experience to provide the specific solution to your project needs.