



# Substation

## Foundation Solutions

Design | Fabricate | Install | Certify

### Benefits of Helical Piles

- Lower cost alternative to traditional deep foundation techniques
- Rapid installation - typically under 10 minutes per pile
- Can sustain load immediately after installation
- No excavation or curing time required
- Most versatile foundation system available
- Several options for corrosion protection
- Minimal installation noise or vibration
- Preferred foundation system for new substation construction projects and upgrades to energized substations

### What We Do

- Conduct a comprehensive foundation assessment of suitability of helical piles
- Provide custom engineered helical pile foundation solutions that meets clients' design specifications and performance requirements
- QA/QC turnover package provided upon project completion with full material traceability, installation records and capacity certification



[www.hpier.com](http://www.hpier.com)

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Helical Pier Systems Ltd., 103 Portage Close, Sherwood Park, AB T8H 2R5



# *Helical Pier Systems*

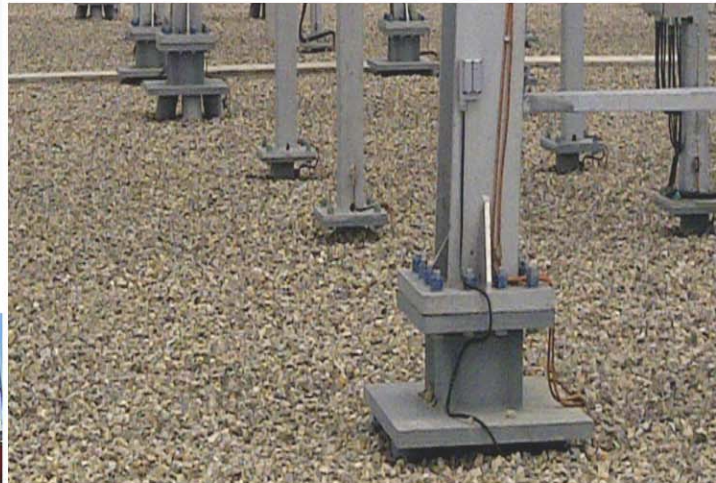
## *North America's PREMIER Turn-Key Contractor Since 1977*

### Why Use Helical Piles?

**Substation construction projects, whether they be new substations, expansions or retrofits are perfect projects to use helical piles. Even the largest substation project can have the foundations completed in 7 to 10 days - ready for structure erection.**

### Why Use HPS?

**Our Civil/Structural and Geotechnical engineers prepare optimized pile designs. We then fabricate and install the piles and guarantee performance to the specifications. HPS has unrivalled experience designing and installing piles for substation projects of all sizes. All structure types are well within the load capacity range of helical piles.**



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