

# HELICAL PILE SYSTEMS

## Electrical Transmission Tower

info



**PROJECT:** Power Line Anchors

**CLIENT:** Manitoba Hydro

**LOCATION:** Northern Manitoba

**DATE:** April 2008



Manitoba Hydro was constructing a new double circuit 230kV power transmission line in northern Manitoba. New towers needed to be erected, and the soil conditions required an innovative solution. Cyntech was able to provide foundations for these towers, at considerable savings over traditional methods. In all, Cyntech provided 1,040 guy anchors and 260 foundation piles to support the towers.

To minimize field welding, the connections between anchors, extensions and transmission tower hardware utilized galvanized bolted connection.

In addition to supplying over 900 tons of galvanized anchor and pile material, Cyntech provided two sets of installation equipment, and assisted the contractor throughout the project with full-time onsite technical assistance.



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