

HELICAL PILE SYSTEMS

Engineering Design and Installation

info



TransAlta Corporation was constructing a wind power generating project in southern Alberta, to provide a more economic foundation for some of the equipment. Cyntech provided 110 foundation piles to support these electricity generating structures.

In addition to supplying and installing the helical piles, Cyntech performed complete engineering, coordination and supervision of this project in order to meet the client's scheduled deadlines.

Given the location of the site, and disposition of the structures, large overturning movements and lateral forces were preset. This resulted in large diameter shafts being used.

PROJECT: Electrical Substations

CLIENT: TransAlta

LOCATION: Fort Macleod, AB

DATE: January 2009



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These piles were installed in five days, and equipment could be set on the piles immediately after installation, improving the owner's schedule and making screw piles even more economical.