

SITE PREPARATION

NEW CONSTRUCTION

REMEDIAL REPAIR

HELICAL PULLDOWN® MICROPILE

ATLAS RESISTANCE® PIERS

HELICAL UNDERPINNING

EARTH RETENTION

RETAINING WALLS

HELICAL TIEBACK

SOIL SCREW®

PIPELINE STABILIZATION

TELECOM/SUBSTATION

UTILITY/SOLAR

# Caracol Knits Power Plant

## POTRERILLOS CORTES, HONDURAS



CERTIFIED CHANCE®  
INSTALLER

**INGENIEROS CONSULTORES Y  
CONSTRUCTORES  
ELECTROMECANICOS**  
San Pedro Sula, Honduras

CHANCE® DISTRIBUTOR

**INGENIEROS CONSULTORES Y  
CONSTRUCTORES  
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San Pedro Sula, Honduras

Hubbell Power Systems, Inc. is the world's leading helical pile/anchor manufacturer. The CHANCE® brand offers a technically advanced, cost effective solution for the Civil Construction and Electric Utility and Telecommunications markets.



**PROJECT:**

138KV Transmission Line

**PROBLEM:**

Concrete was not a feasible option due to high price, poor soil conditions and long installation time so the client began looking for a new foundation solution. Helical piles were presented to the client as a viable option to concrete.

**SOLUTION:**

The client approved the new solution of CHANCE® helical piles to support the 3 new towers. The design plan consisted of a CHANCE SS175 lead section transitioning to RS3500 pipe for a total of 48 helical cast transition piles installed at an average

depth of 25ft. Each tower leg had four helical piles. CHANCE helical piles can be installed in any weather condition and with smaller crews saving time and money.

**KEY BENEFITS**

- Time to install faster than concrete
- Standard equipment for installation
- Labor savings - smaller crews
- Learning process was easy and fast
- Limited access
- No spoils
- All weather installation
- Immediate loading



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