

# Gantry Heavy Lifting

**Plant:** Crockett Cogeneration Plant  
**Project:** Generator, Combustion Turbine and Steam Turbine Setting  
**Location:** Crockett, California  
**Owner:** PacifiCorp  
**Year:** January, 1995

## Scope:

Bigge Power Constructors, as contractors to Bechtel Power, performed the following heavy lifting activities for the Crockett Cogeneration Plant. Crockett is a gas-fired, combustion turbine, combined cycle plant based on the General Electric 7F single shaft design. Crockett was located on an extremely confined site between the UP rail lines, the C&H Sugar plant and San Francisco Bay.

- Engineering a custom gantry solution for placement of the plant's centerline components
- Erected, operated and disassembled the gantry system with rod jacks.
- Lifted the rail-delivered centerline components and traversed them to their foundations.

## Job Challenges:

Bigge successfully dealt with the following challenges on this project

- Engineering a unique solution to the lift of the components
- Erecting the gantry and handling the loads on a very confined site.

