

# TRANSMISSION

**B**echtel provides integrated Engineering, Procurement and Construction (EPC) and program management services for transmission lines, substations, and distribution facilities. These services extend to independent transmission towers and substations and those associated with new power generation facilities.

During the past 40 years we have delivered projects of varying scopes and sizes to public, private, and government customers in more than 20 countries. Customers have come to depend on Bechtel's scalable EPC solutions to provide unmatched value for synchronized deployment of resources to geographically dispersed locations along with the supporting expediting and logistics, warehousing, and tracking processes of equipment purchased through cost effective volume purchasing. The comprehensive services we provide customers include; economic and technical studies, project development, program/construction management, engineering, procurement, and construction and community outreach.

As stated in the Bechtel Charter, we strive to be responsible and responsive members of the communities at both project site and office locations. Our customers and employees join together to improve the civic, economic, educational, and social environments within their communities.

## HIGHLIGHTS

- » No. 1 power industry engineer and constructor for 13 consecutive years, as ranked by *Engineering News-Record* magazine
- » In 2010, more than 42 projects each achieved at least 1 million safe work hours across all industry business units

## KEY PROJECTS

### ATHENS GENERATING PROJECT SWITCHYARD AND TRANSMISSION LINE

**Overview:** Bechtel performed engineering, procurement, construction and startup services for 1 mile of 345 kV double-circuit overhead transmission line. Bechtel employed sustainable design principles at this New York project site to preserve surrounding wetlands and natural habitat.



### LA ROSITA POWER AND EXPANSION PROJECT

**Overview:** Bechtel provided engineering, procurement, and construction management services for the La Rosita Power and Expansion Project in Mexico. This infrastructure, interconnected to the Expansion, included a 30-mile stretch of 230 kV overhead transmission lines and double-circuit, lattice-steel towers installed via helicopter.



### CALPINE SUTTER POWER PLANT PROJECT

**Overview:** Bechtel performed engineering, procurement, and construction services for this 230 kV power plant to switchyard and related extra-high voltage (EHV) transmission interconnections at the Sutter Power Plant Project for customer Calpine Sutter, LLC. in California, USA.



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