

COMBINED CYCLE GAS TURBINE

Bechtel has been a world leader in designing and building combined cycle gas turbine (CCGT) facilities for nearly 50 years. We are proud to continue that tradition today by using our integrated engineering, procurement, construction (EPC), and startup approach to help our customers balance their energy portfolio with natural gas. Our services encompass the major power island equipment (gas turbine, heat recovery steam generator, and steam turbine) as well as balance of plant components.

At Bechtel, we leverage our extensive knowledge of gas turbine and combined cycle technology to meet our customers' specific project needs. Our approach has brought numerous facilities online quickly and efficiently, with projects completed ahead of schedule and under budget while meeting or exceeding environmental standards.

Whatever your project requirements, we have the ability to develop both standardized and customized design solutions in a variety of configurations and can provide innovative solutions for modularization and plant construction.

HIGHLIGHTS

- » Bechtel has successfully completed more than 125 gas-turbine-based projects totaling more than 49,000 MW in 15 countries worldwide
- » Our global experience record includes CCGT projects completed in the US, the UK, Mexico, China, and the Middle East
- » Since 2001, we have procured more than \$8.4 billion in major power-island equipment and more than \$2.8 billion in gas-fired power equipment
- » In 2008, more than 50 projects achieved at least 1 million safe work hours across all industry business units

KEY PROJECTS

MOUNTAINVIEW POWER PROJECT

Overview: Bechtel provided project management, EPC, and startup services for this 1,000 MW combined cycle power plant located in San Bernardino, California. Following completion, this project was named one of the "12 Top Plants of 2006" by *Power* magazine.



COTTONWOOD POWER PROJECT

Overview: Bechtel provided project management, EPC, and startup services for this 1,200 MW combined cycle power plant located in Orange, Texas. Completed in 2003, this plant was the first of three standard plants.



SPALDING ENERGY POWER PROJECT

Overview: Bechtel provided project management, EPC, and startup services for this 860 MW combined cycle power plant located in the United Kingdom. The project was completed in 2004 and represented one of four combined cycle projects built in the United Kingdom over an 8-year period.



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