

## MILESTONES

### Mine and Refinery Expansion

**AUSTRALIA** | Worsley Alumina has awarded Bechtel a \$1.9 billion project for the latest expansion of its bauxite mine and alumina refinery in Western Australia. The project includes modifications and upgrades to processing equipment and construction of new bauxite mining facilities, with first production expected in early 2011. Bechtel completed a previous expansion of the refinery in 2000.



### Paraxylene Plant Completed

**THAILAND** | Bechtel has completed the expansion of a petrochemical plant at Sriracha, Thailand. The project included increasing the production of existing paraxylene units, adding two new process units to produce benzene and toluene, as well as revamping four process units in an adjacent oil refinery. Work began in September 2005 on the project for Thai Paraxylene Company.

### Smelter Upgrade

**CANADA** | Rio Tinto Alcan has awarded Bechtel a contract to manage construction at its \$2.5 billion Kitimat aluminum smelter upgrade in British Columbia. The project involves decommissioning the existing smelter and construction of a new one, resulting in a 40 percent increase in the smelter's capacity, to 400,000 tonnes per year, while reducing its greenhouse-gas emissions. Bechtel has been performing preliminary engineering, feasibility, and construction

work for the project since June 2007.

### IGCC Plant Award

**USA** | Bechtel will build a 630-megawatt integrated gasification combined-cycle power plant in Indiana for Duke Energy. The low-emissions facility, a product of the GE and Bechtel IGCC Alliance to develop a standardized plant design, will be the first coal-based plant of its type built in the United States since the mid-1990s. Work is slated for completion in 2012.

### GIANT REFINERY COMPLETION

**INDIA** | Bechtel's work at the \$7 billion Reliance Jamnagar export refinery project on India's west coast is nearly complete. Built adjacent to a refinery and petrochemical plant that Bechtel finished in 2000, the facility and the original plant will comprise the world's largest refinery complex, capable of processing 1.2 million barrels of petroleum crude per day into ultra-low sulfur diesel, gasoline, and other products. At peak construction, 80,000 workers, including 5,000 welders, populated a job site larger than central London.