MILESTONES

Wireless Network Deployment

USA | Multiservice broadband giant Cox Communications has enlisted Bechtel to help deploy its wireless network. As part of a first wave of deployment, Bechtel will provide project management services for all aspects of network design, site acquisition, construction, and network equipment installation in selected U.S. markets. The rollout will start with 3G technology and migrate to 4G for even faster data transfer speeds.

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.

NEW AIRPORT TAKING SHAPE

QATAR | The New Doha International Airport project reached a major milestone in 2008 with the completion of structural steel for first-phase construction of the dramatic new passenger terminal. The 41-gate facility will feature an elegant curved roof four stories tall. Because the roof's steel deck is integral to the structural design, the deck sheeting required more than 1 million welds --one weld every 200 millimeters (eight inches). In addition to the Passenger terminal, the project includes two runways, a control tower, a cargo terminal, and an aircraft maintenance center.