

ABB wins order for turnkey upgrade of Singapore power plant

ABB has been awarded a turnkey contract to convert an oil-fired 120-MW steam power plant in Singapore to a 360-MW gas-fired combined cycle power plant and to take over service and maintenance of the plant for six years. The contract, valued at approximately US\$ 180 million, was placed by *PowerSeneko Ltd*, a subsidiary of *Singapore Power Ltd*. It includes an option to convert another two identical oil-fired units.

ABB deliveries for this project include a GT26 gas turbine and a heat-recovery steam generator to replace the older oil-fired boiler. ABB will also modernize the existing steam turbine. Commercial operation is planned to begin in the first quarter of 2001.

3,000-MW HVDC link from central China to Shanghai

An order valued at more than US\$ 340 million has been placed by the state-owned *China Power Grid Development Co* with ABB Power Systems of Sweden to supply two converter stations for a 3000-MW high-voltage direct current (HVDC) power link. The 850-km link – China’s longest – will transmit electricity from the Three Gorges hydropower plant in central China to the Shanghai area. It is scheduled to begin commercial operation in 2003.

One converter station will be located at Longquan, near the new power plant, and the other in the city of Changzhou, 80 km northwest of Shanghai. The new HVDC link will more than triple the amount of power currently delivered from central China to the coast, ie from 1,200 to 4,200 MW.

775-MW combined cycle power plant to be built in the UK

ABB has won an order from *Bechtel Power Ltd*, London, to supply power generating equipment for a 775-MW combined cycle power plant to be located at Coryton, 50 km east of London. The order is worth approximately US\$ 140 million. *Bechtel Power Ltd* is building the plant for *International Generating Company* (InterGen).

Under the terms of the contract, ABB will supply two GT26 advanced gas turbines, the heat-recovery steam generators, one steam turboset and auxiliary equipment. Maintenance services will also be provided by ABB. The plant will burn natural gas as well as gas oil from an adjacent refinery. The generated power will be supplied to the national grid.

Turnkey order for a 500-MW combined cycle plant in Australia

National Power PLC, a British-based power plant owner and operator with worldwide

business activities, has awarded ABB a turnkey contract worth about US\$ 200 million to build a 500-MW combined cycle power plant near the city of Adelaide, South Australia.

The power plant will be equipped with two GT13E2 gas turbines. ABB will also supply the overall power plant control system and be responsible for the plant engineering and associated installation and commissioning.

Construction of the plant will take place in stages, with 160 MW due to be on line by November 2000. Full commercial operation is scheduled for April 2001.

ABB to supply electrical equipment for a cement plant in Nigeria

An order has been placed with ABB Industrie AG of Switzerland for electrical equipment for a new 3,000-t per day clinker production line. The value of the order, which was placed by *West African Portland Cement PLCV* (WAPCO), is valued at approximately US\$ 28 million.

Included in ABB’s scope of supply are switchgear, distribution transformers, drives of various rating, earthing and lightning equipment, lighting and protection systems. Initial deliveries are scheduled for March 2000.

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