



March 27, 2008

Plan to Build Power Generation No. 5 Series at Niigata Thermal Power Station

We have decided to build a high-efficiency combined cycle power plant as No. 5 Series at our Niigata Thermal Power Station, to strengthen our competitive position for thermal power supply while reducing CO₂ emissions. No. 5 Series will replace aging Unit No. 3.

The existing Unit No. 3 (250 MW) will be scrapped and No. 5 Series (100 MW class) will be built and is scheduled to enter commercial operation in March 2011.

The combined cycle power plant comprises a gas turbine driven power plant and a steam turbine driven power plant, and generates electricity with a much higher thermal efficiency than conventional power generation systems, thus making highly efficient use of energy.

Combined cycle power generation has been introduced in No. 3 Series and No. 4 Series at our Higashi-Niigata Thermal Power Station and in Unit No. 4 which is under construction at our Sendai Thermal Power Station. The planned construction of No. 3 Series at our Shin-Sendai Thermal Power Station will also use combined cycle power generation. Therefore, No. 5 Series at the Niigata Thermal Power Station will be our fifth combined cycle power plant.

We will proceed with the work after winning the understanding of the local towns and people.