

## 2 China

### Shanxi Hejin Thermal Power Plant Project (I) (II)



Hejin Thermal Plant constructed via the project

#### Outline of Loan Agreement

Loan Amount / Disbursed Amount	24,600 million yen / 21,777 million yen
Loan Agreement	January 1995 / November 1995
Terms & Conditions	Interest rate 2.3%/2.6% p.a. Repayment period 30 years (Grace period 10 years)
Final Disbursement Date	February 2002 / December 2002

#### Project Outline

To construct a coal-fired thermal power plant in the south-west of Shanxi Province, as a means of alleviating power shortfalls in the province and of easing the north-south disequilibrium in the supply capacity of the power grid.

#### Results and Evaluation

Through the project, two 350MW thermal power plant were constructed, which began commercial operation in February 2001 (generator 1) and May 2001 (generator 2). The project has played a large role in alleviating the power shortages in the region which can be seen that an availability factors for each plant were approximately 90% operating favorably, and the annual generating capacity also exceeded the plan, 3,843GWh (2001). Moreover, it has been operated safely without any accidents up to September in year of 2002. Furthermore, due to the construction of the Hejin Thermal Power Plant that consists of two 350MW large-scale generators in the south of the province, the disequilibrium between the north and south in the Shanxi Province power grid that existed due to the large-scale power plants concentrating in the northern region was also alleviated. Besides this, the role of supporting the power demand of industrial development and general households, from the aspect of a stabilized power supply, can be raised as another impact.

At the Hejin Thermal Power Plant, besides worker dispatching training programs to other thermal power plants, periodic training are undertaken, and on the basis of undertaking basic operation and maintenance, issues concerning technological capability do not exist and it is stable even from the financial aspect.