

Jandar Power Station Project



Jandar combined cycle power plant

Outline of Loan Agreement

Loan Amount / Disbursed Amount	51,598 million yen / 51,326 million yen
Loan Agreement	June 1991
Terms & Conditions	Interest rate 2.9%p.a. Repayment period 25 years (Grace period 7 years)
Final Disbursement Date	June 1998

Project Outline

The project involved the construction of a combined cycle power plant consisting of two 300MW generators arranged in sequence, in the district of Jandar, which is located some 30km south of Homs city and 140km north-east of the capital, Damascus. The project aimed to alleviate domestic power shortages and promote the effective utilization of domestically available natural gas.

Results and Evaluation

Since its completion in 1996, the power plant has been operating satisfactorily, and output capacity has surpassed target levels since 1998 (approx. 4,500GWh in FY 2001 against the planned level of approx. 3,900GWh).

During 1999~2001, average operating ratio reached 95%, and the plant currently generates some 20% of all power handled by Syria's Public Establishment for Generation and Transmission (PEGT), thus the facility is performing an important function in the bid to respond to Syria's insatiable demand for electricity.

The project facility also utilizes 36% of total domestic natural gas resources (average for 1995~2000), and is thus making a significant contribution to the effective utilization of this resource.

There have been no specific problems with operation and maintenance to date, however, the issue of eliminating system loss (percentage transmission loss), which is around 28% nationwide, needs to be addressed.

Moreover, since national policy has restricted power selling costs to a level below generation costs, it is hoped that, in the long term, efforts should be made to moderate the tariff system in order to improve the business of independent power producers.