

ISOGO

Japan



General View of the Project

DESCRIPTION

The Isogo Thermal Power Station, Unit No.1 (600MW output, domestic and foreign coal) was put into commercial operation on April 2002.

It's old 2 units that were commissioned in 1967 and 1969, respectively, the exclusively domestic-coal fired thermal Isogo Power Station (265MW output x 2 units), and have already been in operation for over 30 years.



These old 2 units were due for replacement work for a number of reasons, including mainly (1) the obsolescence of the facilities (2) the increasing power demand in the metropolitan area, and (3) the need to reduce nitrogen oxide (NOx) emissions. The old power station was shut down in November 2001. New Isogo Power Station has a tower-type boiler to minimize installation area due to the limited space of only 12 hectares available for construction. Installation work was commenced with Built and Scrap System. New Unit No.1 is built first and existing 2 units will be scrapped then new unit No.2 will be built. To minimize the environmental load, an activated-char based dry-type De-SOx system and an ammonia selective catalytic reduction De-NOx system were adopted. The power generated at the plant is supplied mainly to the Tokyo Electric Power Company to meet the power demand of the metropolitan region.

NAME OF CLIENT:

Electric Power Development Co., Ltd.(EPDC)

CAPACITY: Unit No.1 600MW, No.2 Under planning

SERVICES:

Operation and Maintenance (From May, 1967 - November, 2001)

Replace Unit 1 (September, 1996 -)

Operation and Maintenance (April, 2002)