

## **The Isogo Thermal Power Station Unit No.1 Put into Operation**

The Isogo Thermal Power Station Unit No.1 (Isogo-ku, Yokohama City, Kanagawa Prefecture, 600MW output, domestic and foreign coal) was put into commercial operation on April 1, 20, after voluntary pre-commissioning inspections had been concluded on March 26 of this year. The new construction of this station was started in July 1998.

With its 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) had already been in operation for over 30 years and was due for replacement work for a number of reasons, including mainly (1) the obsolescence of the power generating facilities, (2) the increase in 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 requirement in view of the limited space of only 12 hectares available for construction. To desulfurize the flue gases, an activated-carbon based dry-type de-SOx system has been used for the first time ever in Japan. The power generated at the plant is supplied to two utility companies, the Tokyo Electric Power Company and the Tohoku Electric Power Company, to meet the power demand of the metropolitan region.

With the startup of the Isogo Plant, J-Power/EPDC's power generating capacity and output levels now stand at:

### Hydroelectric power stations:

|          |           |
|----------|-----------|
| Number   | 58        |
| Capacity | 8,260.8MW |

### Thermal power stations:

|                |            |
|----------------|------------|
| Number         | 8          |
| Capacity       | 7,824.5MW  |
| Total number:  | 66         |
| Total capacity | 15,085.3MW |

## **Overview of the Isogo Thermal Power Station Unit No.1**

Location: Isogo-ku, Yokohama City, Kanagawa Prefecture

Total Output: 600MW

Fuel: Domestic and foreign coal

Main Events:

- July 1996:** Presentation of the Proposal for the plant to the 133rd Session of the Deliberation Council on Electric Power Development and Adjustment  
September 1996: Start of preparatory construction work
- July 1998:** Start of construction work on the main building and stack of New Unit No. 1.
- November 2001:** Shutdown and decommissioning of the old power station
- April 2002:** Start of commercial operation of New Unit No. 1
- July 2009:** New Unit No. 2 scheduled to be put into commercial operation.

End of announcement