PT Central Java Power (Sumitomo Corporation)
Jepara, Jawa Tengah, Republic of Indonesia

**Plant Owner**
PT Central Java Power
(Sumitomo Corporation)

**Plant Name**
Tanjung Jati B

**Location**
Jepara, Jawa Tengah,
Republic of Indonesia

**EPC Contractor**
Sumitomo Corporation

**B&W Consortium Scope**
B&W subsidiaries, in consortium with units of Black & Veatch, supplied:
- Complete boiler island for two coal-fired units, from ship unloaders to the stack, including:
  - coal handling with stacker/reclaimers and conveyors
  - structural steel
  - coal silos
  - ash handling
  - limestone and gypsum handling
- Environmental equipment
- Electrical, including motor control centers, switchgear, and power/control wiring
- Instrumentation, including stack emissions monitoring system
- Auxiliary piping systems
- Technical advisory services for erection
- Technical advisory services during startup and commissioning

**Boiler Specifications**
- Boiler type: Pulverized coal-fired radiant drum boiler (RB Carolina-Type)
- Design fuel: Indonesian low sulfur coal
- Capacity: 2 X 660 MW net
- Steam flow: 5,099,000 lb/h (642 kg/s)
- Superheater outlet pressure: 2527 psig (17.4 MPa)
- SH/RH outlet temperature: 1006/1001 F (541/538 C)

Environmental equipment at the Tanjung Jati power plant includes low NOx burners, wet FGD system, and electrostatic precipitators.

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Environmental Equipment

- DRB-XCL® low NOₓ burners
- Wet flue gas desulfurization (FGD) system, including absorbers, limestone unloading and handling, reagent preparation and dewatering system
- Electrostatic precipitators

Other Equipment Supplied by B&W

- B&W Roll Wheel® pulverizers with DSVS® rotating classifiers
- Diamond Power® sootblower boiler cleaning system
- Allen-Sherman-Hoff® bottom ash system
- Project Commencement – April 1997
- Project was suspended for five years due to Asian currency crisis in 1998. Resumed in 2003 and was completed under Sumitomo’s leadership.
- The limestone wet FGD system utilizes seawater for makeup.

Contract Order
1995

Commercial Operation
2006

Project Facts
- Power purchase agreement signed between PT Perusahaan Listrik Negara (Persero) and PT CEPA Indonesia – September 1994
- Power purchase agreement