Millmerran Power Station Units 1 and 2

Millmerran Power Partners
Millmerran, Queensland, Australia

**Plant Owner**
Millmerran Power Partners

**Plant Name**
Millmerran Power Station
Units 1 and 2

**Project Developer**
InterGen

**EPC Contractor**
Bechtel

**Location**
Millmerran, Queensland, Australia

**B&W Scope**
- Two supercritical coal-fired boilers and related equipment
- Startup and commissioning advisory services

**Boiler Specifications**
- Boiler type: Pulverized coal-fired spiral wound universal pressure (SWUP™) supercritical boiler
- Design fuel: Low sulfur, bituminous coal (high ash)
- Capacity: 2 X 420 MW net
- Steam flow: 2,812,000 lb/h (354 kg/s)
- Superheater outlet pressure: 3596 psig (24.8 MPa)
- SH/RH outlet temperature: 1054/1105 F (568/596 C)

**Other Equipment Supplied by B&W**
- B&W Roll Wheel® pulverizers, Series 98
- DRB-XCL® low NOx burners
- Diamond Power® sootblower boiler cleaning

*The Millmerran Power Station Units 1 and 2 began commercial operation in 2002 and are supplying much needed power to meet Australia’s growing energy demand.*

**Contract Order**
1999

**Commercial Operation**
2002

(Continued on reverse side)
**Project Facts**

- Supercritical cycle uses less coal and reduces carbon dioxide emissions when compared to a conventional coal-fired power station.
- Plant uses low sulfur coal mined from the adjacent Commodore coal deposit.
- Power station uses only 10% of the water typically required by a generating plant of this size.
- Electricity produced is pooled in Australia’s national grid to meet increased energy demand.

*Sectional sideview of Millmerran Units 1 and 2.*