Dry Fork Station

Basin Electric Power Cooperative
Wyoming Municipal Power Agency
Gillette, Wyoming

**Plant Owner**
Basin Electric Power Cooperative
Wyoming Municipal Power Agency

**Plant Name**
Dry Fork Station

**Location**
Gillette, Wyoming

**Contract Order**
2007

**Commercial Operation**
2011

**B&W Scope**
- Coal-fired boiler with air quality control equipment
- Construction by Babcock & Wilcox Construction Co., Inc.
- Startup and commissioning advisory services
- Training

**Boiler Specifications**
- Boiler type: Pulverized coal-fired radiant drum boiler (RB Carolina-Type)
- Design fuel: Low sulfur Powder River Basin sub-bituminous coal
- Nominal capacity: 400 MW net
- Steam flow: 2,887,000 lb/h (364 kg/s)

**Environmental Equipment**
- Superheater outlet pressure: 2483 psig (17.1 MPa)
- SH/RH outlet temperature: 1055/1055 F (568/568 C)

**Other Equipment Supplied by B&W**
- B&W AireJet® low NOx burners and overfire air
- B&W Roll Wheel® pulverizers, Series 89
- Diamond Power® sootblower boiler cleaning systems
- Powerclean® intelligent sootblowing system
- Allen-Sherman-Hoff dry bottom ash system

(Continued on reverse side)
Sectional sideview of the Dry Fork Station boiler with environmental equipment and dry bottom ash system.