

Fabric Filter Installed at Wyoming Power Plant

For utility installations, fabric filters provided by Babcock & Wilcox Environmental (B&W) offer highly efficient control of flyash particulate.

Background

A utility in Wyoming needed a solution to address flyash particulate.

Scope

We designed and supplied a low-pressure pulse jet fabric filter for a plant with a 365 MW coal-fired boiler. The fabric filter consisted of 10 compartments, with 2,128 bags per compartment. Each compartment houses filter bags that are 26'- 3" long, mounted on bag cages and suspended from a tube sheet.

Results

The project successfully started up in 2010 and passed all performance guarantees.



PROJECT HIGHLIGHTS

| | |
|-------------------------------|-----------------------------------|
| PLANT TYPE | Utility |
| LOCATION | Wyoming, USA |
| APPLICATION | Coal-fired Boiler |
| GAS VOLUME | 1,095,000 ACFM |
| PRIMARY CONSTRUCTION MATERIAL | Carbon Steel |
| AWARD DATE | 2008 |
| RESULTS | Passed all performance guarantees |

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