



Sponsored Content

Contact Info

Babcock & Wilcox
20 S. Van Buren Avenue
Barberton, OH 44203 USA
T: +1 330.753.4511
Web: www.babcock.com

Company Profile

As a technology innovator, Babcock & Wilcox (B&W) provides a comprehensive package of engineered solutions for a wide range of applications. Established in 1867, we are a global leader in advanced energy and environmental technologies and services for the power, renewable and industrial markets, with operations, subsidiaries and joint ventures worldwide.

Steam for Power and Process:

With more than 300,000 MW of generating capacity in approximately 60 countries, B&W's heritage is built on steam generation. Our robust designs deliver availability and long-term operation, serving the diverse needs of power utilities and industry by providing reliable steam generation from a variety of fuels, including coal, oil, gas, biomass, refuse and waste fuels.

Renewable and Waste to Energy:

B&W is one of the world's leading suppliers of equipment and technologies that turn solid waste and biomass into thermal energy. As a renewable fuel, biomass is CO₂-neutral. Our experience includes a wide range of fuel sources, including municipal solid waste, sawdust, wood and wood waste, wood chips, stover, peat, bark chips, straw and other opportunity fuels.

Boiler Cleaning:

B&W's Diamond Power® boiler cleaning systems are trusted to remove deposits, prevent plugging of gas passes, and maintain boiler efficiency. Our

specialized designs and configurations meet customer needs for precision, reliability and efficiency.

Controls and Diagnostics:

B&W provides integrated control systems for a wide range of power plant operations for boiler and auxiliary equipment optimization. Boiler monitoring cameras, along with advanced controls for ash handling, electrostatic precipitators, and process diagnostics and optimization systems for combustion and emissions are also available.

Ash and Material Handling:

B&W's Allen-Sherman-Hoff® bottom and fly ash systems are reliable and cost-effective alternatives to ash storage ponds and help to minimize use of process water. Engineered systems include dry and wet bottom ash conveyer systems and remote dewatering systems.



Cooling Systems:

B&W SPIG provides an extensive range of turnkey cooling system solutions. Our experience includes wet, dry and hybrid cooling systems. We can supply both mechanical and natural draft systems and design for a wide range of project specifications such as high seismic loads, vibration control, corrosion, noise control, sub-freezing operation, and sea water use.

Air Emissions Control:

B&W is an innovator and industry leader in providing advanced air emissions control equipment and technologies for power plants. Our engineered solutions control a wide range of pollutants and emissions, including acid mists and gases including HCl and sulfur oxides (SO_x), particulates, nitrogen oxides (NO_x), carbon monoxide (CO), mercury, and other hazardous air pollutants (HAPs). Multi-pollutant control strategies are integrated to optimize overall plant emissions levels and help meet air emissions requirements.

Emissions Monitoring:

Continuous emissions monitoring systems (CEMS) and data acquisition and handling systems (DAHS) are available through our KVB-Enertec™ product line. Proprietary software is regularly updated to accurately measure data against the most current emissions standards.



Silencing and Filtration:

B&W Universal provides key components of a complete turbine or engine silencing solution, including inlet systems and exhaust silencers, as well as a full line of filtration technologies for gas turbines, compressors, blowers and diesel engines.

Aftermarket Services, Upgrades and Retrofits, Construction and Parts:

B&W provides a comprehensive mix of products, replacement parts, upgrades and services to support optimized equipment and system operation and reliability, regardless of original manufacturer. Our capabilities also include expert equipment installation and construction services.