



COMPANY OVERVIEW

Riley Power Inc., a division of Babcock Power Services, a Babcock Power Inc.® company, is a major supplier of steam generating and fuel burning equipment for all types of fossil and waste fuel fired boilers.

Riley Power maintains a full complement of dedicated engineers to assist you in maintaining your existing Riley steam generators and fuel burning equipment at optimum efficiency. Riley Power also provides chute-to-stack rebuilds for retired or outdated Riley units, as well as replacement pressure parts for Riley units.

90 YEARS OF TECHNOLOGY AND INNOVATION

As an OEM for steam generating equipment for over 90 years, we have accumulated an enviable record of supplying boilers and firing equipment for a wide variety of fuels including coal, oil, gas, and waste fuels, such as refuse, wood, and other cellulosic byproducts. Our experience in building steam generators for refuse firing is unsurpassed in the industry, with existing Riley units burning over 20,000 TPD of refuse.

CUSTOM-DESIGNED, WITH THE CUSTOMER IN MIND

Replacement pressure parts for Riley boilers are readily available, including complicated super heater and reheater bent tube sections, waterwall panels, individual loose tubes, economizers, headers, and drums. Replacements can be duplicated, or Riley Power can work with you in offering upgraded designs for performance and/or life-extension enhancements. Pressure parts are manufactured in Riley's facilities located throughout the USA, which are ASME and ISO-9001 certified. A large inventory of straight tubing is continually maintained to help meet any of your emergency needs.

Other manufacturing facilities within the Babcock Power family or qualified foreign services can also be considered for each project, depending upon the specific requirements, including delivery date to site.



PROPRIETARY PRODUCTS

Riley Power offers a complete line of fuel firing technology, from its proprietary low NOx dual air zone Controlled Combustion Venturi (CCV®) wall burner line – a leader in the low NOx burner retrofit market – to its various pulverizer designs and solid fuel firing grate technologies. Riley Power also offers a layered NOx reduction program to help you comply most effectively with your plant's overall emission requirements. Improved combustion systems for Riley Turbo® Furnace units are available through use of our patented TSV® burner system. A complete line of OEM replacement parts, as well as upgraded parts, are also available for all original Riley equipment.

SERVICES THROUGHOUT THE USA

Babcock Power Services Inc., another company of Babcock Power and a sister company of Riley Power Inc., maintains a team of expert field service engineers and specialists located throughout the USA and provides support for all Babcock Power projects. This team is supported by a main office staff of professionals fully-qualified in all steam generation engineering disciplines, including boiler design, heat transfer, fuel firing, metallurgy, auxiliary equipment, condition assessment, and commission/start-up.

SCRS*

Riley Power also offers a full line of Selective Catalytic Reduction (SCR) Systems for liquid, gaseous, and solid fuels.

- Market Leader in Coal-Fired Retrofits
 - Largest Operating Coal-Fired Units
 - Proprietary Delta Wing® Technology
 - Aqueous, Anhydrous, and Urea-Based Ammonia Systems
- (Please refer to Babcock Power Environmental Inc.'s information flyer for more information on this technology area).

PRODUCTS

- New natural circulation boilers for utility applications
- New boilers for waste-to-energy applications
- Replacement pressure parts– Riley units
- Low NOx burners– coal, oil, gas
- Pulverizers/mills
 - Atrita®
 - MPS (USA and Canada)
 - Ball Tube
- Replacement parts for burners and pulverizers
- Complete rebuilds of any MSW boiler and Riley OEM units

SERVICES (AVAILABLE THROUGH BABCOCK POWER SERVICES):

- Boiler condition assessment & evaluation
- Unit performance evaluations
- Commissioning & start-up
- In-house metallurgical laboratory
- Training
- Fuel conversions

RILEY POWER INC.

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Parts: (800) 541-3843

BABCOCK POWER SERVICES

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Safetyw³ People. Power. Projects.
We're giving safety the third degree.

Babcock Power Inc. and its subsidiaries place the safety, health and security of our people at the core of our company values. Our team is our most valuable resource, generating solutions everyday to deliver safe, clean, reliable energy globally. With a keen focus on safety, Babcock Power Inc. conducts business in a manner that protects our people, our customers and the environment. From innovation to generation, we are proud of our award-winning safety record and are committed to operating with integrity and excellence.

The data contained herein is solely for your information and is not offered, or to be construed, as a warranty or contractual responsibility.
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