COMBINED CYCLE PLANT

- OEM for Heat Recovery Steam Generators (HRSGs)
  - Module Steam Generators (MSG) Design
  - Enhanced Constructability-SMART (ECS) Design
  - SMART-Box Design
  - Bundle Design
  - Loose HARP
- Inspections & Field Services for OEM & OOEM
  - HRSG Inspections
  - Videoscope Inspections
  - FAC Inspection & UT Mapping
  - Operational and Engineering Review
  - High Energy Piping, Metallurgical Inspection
- Condition & Remaining Life
- Engineering Studies for OEM & OOEM
  - Effects of Gas Turbine Upgrades
  - Cycling
  - Turndown Studies
  - Heat Rate Improvements
  - Flow Maldistribution
  - Structural
  - Circulation
- Turnkey Retrofits for OEM & OOEM
  - Module/HARP Replacement
  - Distribution Grid/Perforated Flow Plates
- Replacement Condensers, Heat Exchangers, FWH
- Finned
- Bent Tube
- HARPS
- Imtec Access Doors

CONVENTIONAL COAL PLANT

- Engineering Services, including Repairs & Upgrades to any OEM's Boiler
- Boiler Condition Assessment
- Boiler Evaluation Services
- Metallurgical Services
- Commissioning Services
- Fuel Conversion Studies
  - Performance
  - Reliability
  - Computational Fluid Dynamics
- Replacement and Redesign
  - All Furnace Components
  - Convection Pass Components
  - Back Pass Components
  - Critical Piping
- Milling Systems
  - OEM Altria
  - MPS
  - Ball Tube Mill
  - Segments for all Major OEM's
  - Pulverizer Grinding Rebuilds for all Major OEM's
  - Mill Replacement Parts for all Major OEMs
- Combustion Systems
  - Low NOx Burners & Burner Upgrades
  - Spare Parts for all Riley Burner Products
  - Burner Replacement, Rebuilds & Upgrades
- OEM for New Sub and Supercritical Pressure Boilers (Benson™)
- Weld Overlay of Tubes
- Emergency Stock Tubing
- Tube Stocking Programs
- Imtec Access Doors
  - Boiler
  - SCR (Laydown & Swing)
  - Precipitators
- OEM Surface & Modlar Condensers
- OEM Feedwater Heaters (HP & LP)
- OEM Heat Exchangers
  - Flue Gas Heater
  - Turbine Cooling Air
  - Kettle Boiler
  - Generator Air/Hydrogen Cooler
  - Lube Oil Cooler
  - Closed Cycle Cooling Water
- Replacement Condensers, Heat Exchangers, FWH
- Condenser Module Replacement
- Emergency Tube Plugging (24-hour)
- Field Retubes
- Shop Retubes
- Construction
  - Projects – Turnkey Services Open-shop large scale and/or long duration for new or existing facilities
  - Outage Services
    - Pressure parts replacements
    - HRSG harp replacements
  - Balance of Plant (BOP)
    - Structural steel
    - Piping & valves
    - Duct work
    - Conveyors
- Heat Exchanger Services
  - Construction, Installation, & Repair Labor (Merit Shop) as well as HRSGs, Feedwater Heaters & Condensers or any other Shell & Tube Heat Exchangers
  - Installation, Retubing, Repair of New and/or Replacement Feedwater Heaters, Heat Exchangers & Surface Condensers
  - Feedwater Heater & Heat Exchanger Tubes
  - Other Heat Exchanger Services: Opening & Closing, Cleaning, Welding, Testing, Tube Plugging (Explosive & Mechanical), Explosive Tube Expansion
  - Performance & Diagnostic Testing & NDE
  - Life Assessment Services
  - 24 Hour Emergency Services

NUCLEAR PLANT

- OEM for MSR
- Replacement MSR Tube Bundles
- Replacement Moisture Separation Systems
- MSR System Consulting Service
- OEM for Surface Condensers
  - Multi-pressure/Multi Shell Condenser
- OEM for Feedwater Heaters
  - Low Pressure
  - High Pressure
  - Horizontal
  - Vertical
- Replacement Modular Tube Bundles for Surface Condensers including Turnkey Projects
- Replacement Feedwater Heaters & Heat Exchangers including Retubing
- Heat Exchanger Consulting
Babcock Power

ONE SOURCE. MANY SOLUTIONS.

Riley Power

- OEM Fossil Fuel Fired Boilers
- Commissioning & Start-up
- Mill Systems
- Burner Retrofits
- Pressure Parts Retrofits
- Turnkey Fuel Conversions
- Component Rebuilds
- Grinding Roll Weld Overlay Services
- New Pulverizer Parts
- Field & Technical Services
- Engineering Studies
- Metallurgical Laboratory

Babcock Power Environmental

- Selective Catalytic Reduction (SCR)
- Delta-Dry Sorbent Injection (DSI)
- Circulating Dry Fluid Bed Scrubber (CDS)
- Regenerative SCR (RSCR)
- Wet Flue Gas Desulfurization (Single FGD)
- Mixers to Improve Performance
- Upgrades to Wet & Dry Scrubber Systems

TEiC

- OEM MSR
- OEM Condenser- Surface, Steam Surface & Modular
- OEM Feedwater Heaters (LP & HP)
- OEM Heat Exchangers
- Engineering Consulting Services
- Replacement Parts

GSI

- Geosynthetic Liner Supply & Installation
- Dewatering Tube Fabrication & Supply
- Coal Ash Solutions