

TECHNICAL OVERVIEW

Aftermarket Products and Services

Overview

Vogt Power International Inc., a Babcock Power Inc. company, offers Aftermarket products and services for all OEM HRSGs, including: Inspections & Field Services, Studies & Modeling, Retrofits, Replacement & Spare Parts, and LCAMP™ Software.

Inspections & Field Services

- HRSG inspections
- Video boroscope inspections
- Metallurgical inspection and lab service
- Technical advisor services
- UT mapping
- Technical consulting
- Failure analysis

Studies & Modeling

- Effects of GT upgrades
- Turndown studies
- Circulation analysis
- Computational Fluid Dynamics (CFD)
- Performance upgrade analysis
- Thermal stress analysis
- Structural analysis
- Return on investment analysis

Retrofits

- Engineered improvements, modifications, and solutions
- Heat transfer surface replacement
- Turnkey services
- Burner repair and addition
- SCR and CO system addition and replacement
- Pressure part replacement
- Duct and boiler casing and liner upgrades
- Performance improvements

Benefits

- Company specialization in the design, manufacturing, and supply of Heat Recovery Steam Generators (HRSGs) and aftermarket related services
- Experienced engineers with the expertise to enhance any heat-transfer need, provide preventative maintenance, and complement any turn-key operation with the latest in boiler technology
- Vogt Power International recognized throughout the world as an industry leader with a foundation of engineering excellence and expertise for HRSGs



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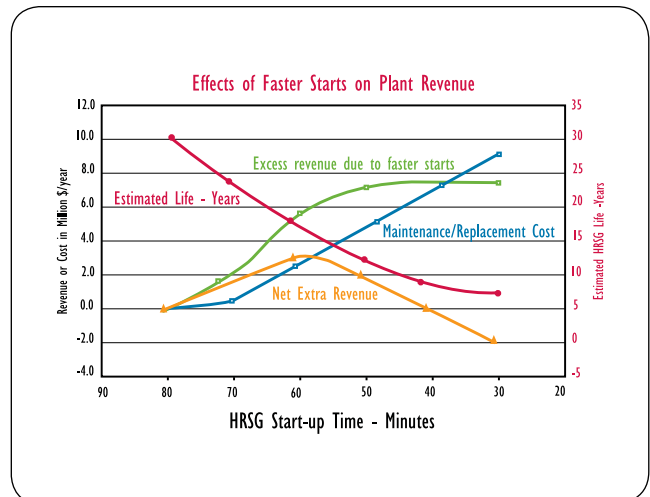
Replacement & Spare Parts

- Valves and valve parts
- Pressure vessel gaskets
- Tubes (bare and finned) and tube plugs
- Boiler viewports
- Diverter and sealing dampers
- Water level gauge equipment
- Handhole assemblies
- Instrumentation
- Casing, liner panels, casing seals, insulation
- Gas baffles
- Duct expansion joints
- Access doors and manways
- Pipe supports and silencers
- Steam drum internals



LCAMP™ Software

- Life consumption assessment and monitoring program
- Dispatch decision-making coupling simulated operations with economic payback
- Automated inspection and replacement alerts for critical components
- Quantifying impact of startups, operations, and shutdowns on useful life consumption
- Operational guidance for economic benefit



Safety³

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.

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