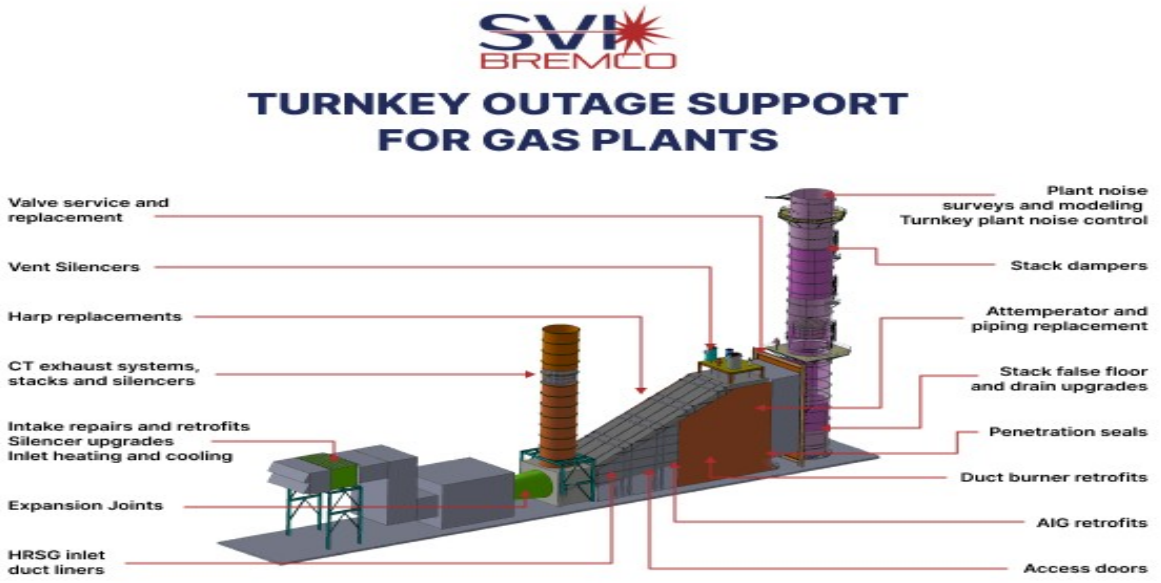


SVI BREMCO Highlights Advanced Engineering Solutions for Power Plant Efficiency and HRSG Performance

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SVI BREMCO, a leading industrial services company specializing in custom-engineered solutions for industrial plants, is emphasizing its comprehensive approach to maintaining thermal efficiency in Heat Recovery Steam Generator (HRSG) units through advanced flow modifier technology and computational fluid dynamics analysis.

The company, comprising three specialized divisions?SVI Industrial, SVI Dynamics, and BREMCO?has developed turnkey solutions to address critical maintenance challenges faced by combined-cycle power plants. Recent engineering projects demonstrate how the company's Gas Path Solutions division applies sophisticated CFD modeling to resolve complex flow distribution issues that directly impact operational efficiency and equipment longevity.

The facility experienced ongoing maintenance issues with traditional egg-crate-style turning vane sets in its

HRSG unit. SVI BREMCO engineers used Computational Fluid Dynamics analysis to evaluate flow distribution throughout the exhaust system, ultimately recommending a 48-inch-tall deflector plate with optimized perforation patterns that balanced performance with manufacturability.

"When power plants face challenges with HRSG flow distribution, the impacts extend beyond immediate maintenance concerns to affect overall thermal efficiency and equipment lifespan," said Scott Schreeg, Director of Sales at SVI BREMCO. "Our engineering-driven approach focuses on delivering the right solution the first time, minimizing downtime while prioritizing operational safety."

The company's gas turbine silencer systems represent another critical component of its exhaust solutions portfolio. These systems safely direct turbine exhaust to the atmosphere while maintaining precise temperature controls on outside casing plates. Using internally lined ductwork systems, the technology ensures safe operating temperatures while meeting stringent acoustical requirements and minimizing pressure drop throughout the system.

Beyond HRSG maintenance and exhaust systems, the company provides comprehensive industrial services, including valve repair and maintenance, industrial welding, machining services, and specialized industrial masonry for corrosion-resistant applications. This integrated service approach enables facilities to address multiple maintenance requirements through a single provider, streamlining operations and simplifying coordination.

"Industrial plants today require partners who understand the interconnected nature of their systems," added Schreeg. "Our ability to combine mechanical expertise with advanced engineering analysis allows us to identify root causes rather than simply addressing symptoms, resulting in more durable solutions and improved plant reliability."

The company maintains an active presence on professional networks, with SVI BREMCO on LinkedIn serving as a platform for sharing technical insights and industry developments with over 520 followers in the industrial maintenance sector.

Founded in 1993, SVI BREMCO has established itself as a comprehensive resource for power generation, chemical, petrochemical, and pulp and paper industries. The privately held company employs between 51 and 200 professionals specializing in plant maintenance services, HRSG and boiler maintenance, gas turbine services, industrial masonry, and corrosion control systems. The company's mission centers on providing

industrial plant maintenance solutions that keep facilities operational through precision-engineered approaches that address challenges effectively from the outset.

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SVI BREMCO

SVI BREMCO specializes in industrial plant scheduled maintenance with turnkey support for power, chemical, paper, and petroleum plants.

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