

HRSG PRESSURE PARTS REPLACEMENT

Availability/Reliability – restores reliability and reduces the risk of a forced outage

Flexibility – enables cyclic operation, reducing cracks caused by frequent starts/stops

Reduces O&M Cost and extends plant lifetime



Key Features

- HRSG HARPS Replace-in-kind (RIK)
- HRSG Modules RIK
- Material & Geometry upgrades available

In today's market, Heat Recovery Steam Generators (HRSGs) are often being asked to operate differently from the original specification. Increased cycling, faster starts and greater turndown periods can cause critical components of the HRSG to degrade faster than originally anticipated. Replacement of the HRSG Pressure Parts restores reliability, reduces O&M costs, and extends HRSG lifetime. GE has large-scale pressure parts manufacturing facilities and extensive global engineering, procurement & construction experience. As an HRSG OEM with an installed base of 1'300+ units, GE can offer replace-in-kind or tailor-made pressure parts for any HRSG.



Key Benefits

- Restores reliability up to 98.5%
- Reduced risk of forced outage up to 90%
- Reduces O&M costs by up to \$ 100k/year (vs. repairs)
- Extends lifetime up to 25 years

Proven Experience

Lessons learned from recent installations:

- Installation schedule adjustable to fit within required outage window
- Improved "As Is" condition vs. As Built assessment
- Updated field procedures/methods including casing/insulation removal, scrap-out, lifting & installation procedures
- Additional milestone reviews between project management, field services, & eng. teams
- Flexibility and global network experience to adapt to on-site conditions to eliminate schedule delays



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