



STEAM & GAS TURBINE TURNKEY OUTAGE SERVICES

OPEN, CLEAN, INSPECT, CLOSE

Steam:

- Major Overhaul Planning and Execution
- Valve & Bearing Inspections
- Steam Path Component Inspection and Repairs
- Generator Testing & Repair
- Borescope Inspections
- Engineering Support
- Unit Installation/Relocation

Combustion:

- Combustion Inspections
- Hot Gas Path Inspections
- Major Inspections
- Generator Testing & Repair
- Borescope Inspections
- Engineering Support
- Unit Installation/Relocation

COMPONENT REPAIR, REVERSE ENGINEERING, & MANUFACTURING

- Part Repair & Upgrade
- Part Reverse Engineering & Manufacturing
- Stationary Components
- Rotating Components
- Weld & Heat Treat Capabilities
- Valve Repair and Upgrade
- Valve Reconditioning

FIELD MACHINING

- Shaft and Journal Restoration
- Stud Removal
- Boring- Small to Large Diameters
- Milling
- On-Site Outage Support

Common Repair Services Include:

- Nozzle and Diaphragm Refurbishment
- Blade Ring Refurbishment
- Seal and Packing Machining and Replacement
- NDE Services
- Dish Removal and Re-rounding Services
- Blade/Bucket Replacement
- Erosion Shield Replacement
- Lashing Lug Weld Repair
- Tennon Welding and Refurbishment
- Cover Replacement
- Bore Plug Removal and Installation
- Balancing Services
- In-House Nitriding Services
- Stellite Application Services
- Advanced Welding Solutions

RUNNING CONDITION ASSESSMENT

- Periodic Assessment
- Potential to extend Major to Major Cycle
- Identify Imminent Failures
- Identify Heat Losses
- Prep for Planned Outage
- Pre and Post-Outage Benchmarks

TOTAL TURBINE CARE®

The Peace of Mind of an LTSA - with the added benefits of reduced costs and a higher quality of service

Customer-Focused Service Agreement:

- Dedicated Team for your outages
- Annual Assessment of the Power Island
- Parts Inventory Assistance - minimizing the inventory on-hand
- Reliability/Availability Improvement Processes
- Upgrade/Engineering Enhancements Available

24/7 FORCED OUTAGE SUPPORT

888-MR TURBINE®

(6 7 8 . 8 7 2 4)

800-226-7557



www.powerservicesgroup.com