

Any age make turbine

Trust us to bring it to life

Efficiency Enhancement Solutions

- Upto 15% efficiency improvement of existing Turbines
- ROI under 2 years
- Life extension upto 100,000 hours
- Increase in span between 2 Overhauls
- No modification in civil and Turbine housing
- Reduced carbon emission



Facts

Leading OEM of Steam Turbines globally

Manufacturing capacity of 350 Turbines/year

About 6000 installations in over 75 countries

16 GWe of installed power

AS9100D Aerospace standard certification

Gold standard in refurbishing



- Overhauling
- Long Term Service Agreement
- Health Survey & Condition Assessment

- Reverse/Re-Engineering
- High Speed Balancing
- Efficiency Enhancement

- Automation
- Triveni Touch: Remote Monitoring
- Renovation & Modernization

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High-Speed Balancing

Modernization of control system

Replace of rotor & stator rotor blades

Overhauling

Health assessment

Supply of spare parts

Enhancing the life of steam turbines

Upto 970 MW across all brands

Repair and High-Speed Balancing of a 250 MW Turbine's IP-LP Rotor

Case Study

Challenge

- Facing critical situation during annual turbine overhaul
- Three rows of rotor blades damaged
- Extended outage
- Threat to plant's productivity

Solution

- Repair and restoration
- Blade replacement
- Balancing
- Successful commissioning
- Efficiency and quality assurance

Conclusion

- Restoration of client's 250 MW turbine to optimal functionality
- Meeting OEM standards
- Ensuring efficiency
- Minimizing downtime during critical maintenance and repair projects



50 Years

of Excellence in Industrial Steam Turbines



20+

Industries Served



80

Countries of Presence



338

Total Intellectual Property Rights filed



6000+

Steam Turbines Installed



16000+ MWe

Global Installed Power Generation Capacity

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