



TRIVENI TURBINE LTD.

**EBOP SOLUTION FOR
INFRA SECTOR.**

PROVEN STEAM POWER EXPERTISE, DELIVERED AS END-TO-END EBOP

With over five decades of experience in steam turbine technology, Triveni Turbine Ltd. delivers integrated Engineering & Balance of Plant (EBOP) solutions for infrastructure sectors including Steel, Cement, Renewable Energy, and Waste-to-Energy. Combining high-efficiency turbine technology with multidisciplinary engineering, project management, and site execution capabilities, Triveni Turbines enables reliable and efficient heat-to-power conversion.

EXTENSIVE WHR EXPERIENCE

DRI (Sponge Iron Plants)

Coke Oven Batteries

Blast Furnace Exhaust Systems

Submerged Arc Furnace (SAF) Applications

WHY EBOP MATTERS

Successful power plant performance depends on seamless integration of all systems—not just the turbine generator island.

Triveni Turbine's EBOP approach integrates:

WHR & process heat systems

Steam-water cycle systems

Electrical infrastructure & switchyard

Instrumentation & control systems

Mechanical auxiliaries and utilities

Key Customer Benefits

Single-point accountability

Reduced interface and execution risks

Faster commissioning and start-up

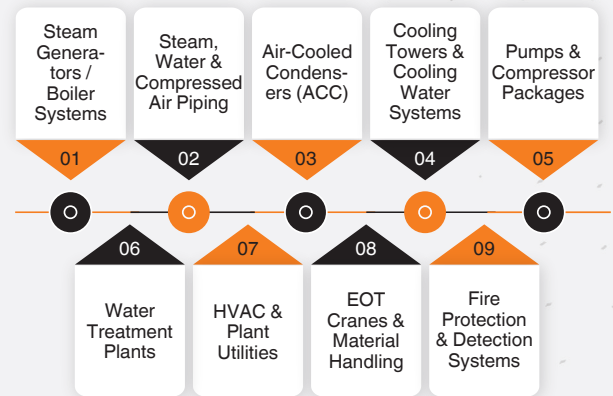
Reliable operation under varying process conditions

Higher plant availability and maintainability

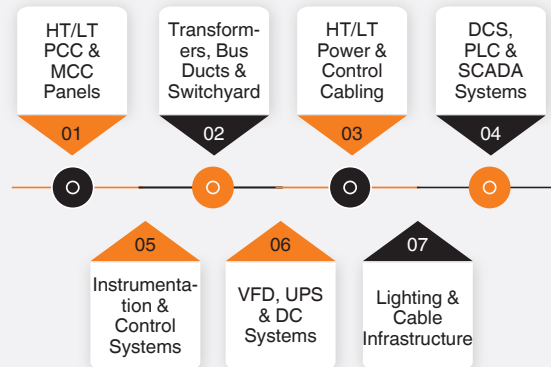
Optimized heat-to-power conversion efficiency

COMPREHENSIVE MECHANICAL, ELECTRICAL & INSTRUMENTATION BOP

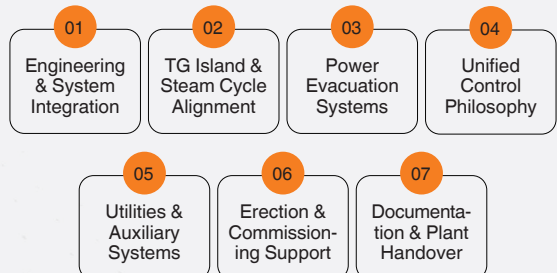
Mechanical BOP



Electrical & Instrumentation BOP



INTEGRATED EBOP DELIVERY



Scope can be customized based on project requirements.

STEEL AUTHORITY OF INDIA LTD. (SAIL)

BHILAI STEEL PLANT, CG

Waste Heat Recovery project utilizing:

Coke Oven Batteries

Blast Furnace Exhaust Gases

Demonstrates Triveni Turbine's capability in managing complex plant integration and extended EBOP execution.



KALYANI STEEL LTD. HOSPET, KARNATAKA

WHR project incorporating recovery systems from Coke Oven Batteries.

Highlights Triveni Turbine's expertise in engineering integration, interface management, and synchronized commissioning.



RASHTRIYA ISPAT NIGAM LTD. (RINL) VISAKHAPATNAM, A.P.

Successful execution of two EBOP-led projects, reinforcing:

- Customer confidence
- Consistent delivery performance
- Repeatable project execution excellence



Triveni Turbine Ltd.

Your Trusted Partner for Integrated Steam Power & EBOP Solutions

IMAGINE. INNOVATIVE. INSPIRE

GLOBAL NETWORK



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