



COMPREHENSIVE

STEAM TURBINE

SOLUTIONS

FOR

**PALM OIL
INDUSTRY**



SOUTHEAST ASIA

THE HUB OF THE GLOBAL PALM OIL INDUSTRY

Triveni Turbines offers a comprehensive range of Single and Multi-Stage Steam Turbines, engineered to meet the diverse operating requirements of palm oil mills. With an installed base of over **160 steam turbines, including 90+ multi-stage units**, Triveni Turbines has built a strong presence across Malaysia, Indonesia, Thailand, and Latin America, delivering reliable, efficient, and robust turbine solutions.



Best in Class
Specific Steam
Consumption (SSC)



Robust &
Compact
Design



High
Operational
Reliability



Reduced
Maintenance



Quick Start &
Stable Part
Load Operation



FAT using
Steam

CASE STUDIES

PALM OIL

Powering Progress in Chumporn, Thailand

6.4 MW Extraction Condensing Steam Turbine Generator Set

- The requirement was to operate turbine in 40 bar, 420°C, 34.7 TPH with extraction flow of 12 TPH.
- Specific Steam Consumption (SSC) - 5.42 kg/kWh



Driving Efficiency in Johor, Malaysia

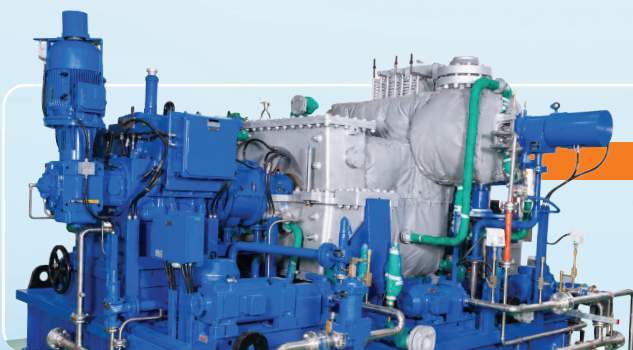
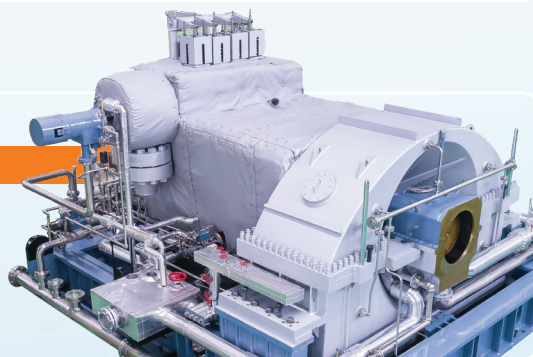
6 MW Straight Multi-stage Backpressure Steam Turbine Generator Set

- The requirement was to operate turbine in 40 bar, 380°C, 54 TPH.
- Specific Steam Consumption (SSC) - 9 kg/kWh

Delivering Performance in Surat Thani, Thailand

4 MW Extraction Condensing Steam Turbine Generator Set

- The requirement was to operate turbine in 31 bar, 265°C, 35 TPH with extraction flow of 20 TPH.
- Specific Steam Consumption (SSC) - 8.75 kg/kWh



Enabling Growth in Johor, Malaysia

6 MW Straight Multi-stage Condensing Steam Turbine Generator Set

- The requirement was to operate turbine in 40 bar, 380°C, 26 TPH.
- Specific Steam Consumption (SSC) - 4.33 kg/kWh



A TRUSTED PARTNER FOR SOUTHEAST

ASIA'S PALM OIL INDUSTRY



Connect with our experts at
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