



CASE STUDIES

Triveni
TURBINES

Case Study 1

RDF based IPP Power Plant in Thailand



Turbine Details

7MWe Steam Turbine Generator Set

Project Highlights

- Bleed Condensing turbine Inlet steam @ 52 Bar(a) 440°C with 2 bleeds at 6.2 Bar(a) and 1.8 Bar(a).
- Low Pressure (LP) Heater station provided to increase the steam cycle efficiency
- Steam Admission through 3 inlet Throttle Valve
- Hydraulically operated Automatic Stop and Emergency Valve powered with 24 kg/cm² oil system
- Customized electrical panels height to suit control room

- Compact plate type oil coolers for space saving
- Auto Drain System & Auto Gland Sealing Arrangement
- Multistage horizontal pumps without pit arrangement
- Pressure reducing & de-superheating system (PRDS)

**POWER TO SUSTAIN
DREAMS**

THANK YOU



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