



# GREEN SOLUTIONS

Towards a  
Sustainable Future



# Biomass IPP

The rapid depletion of fossil fuel reserves and the environmental impact of CO<sub>2</sub> emission has brought the sustainable energy solutions to the forefront. The drive to utilize locally available biomass and the benefit of generating power closer to the point of consumption has enabled setting-up of biomass based Independent Power Plants (IPP).

Triveni is a key link in providing steam turbine solutions for green energy projects across the globe. Triveni steam turbines, power biomass based Independent Power Plants, which generate over 550 MWe of green power. Triveni has installed steam turbo-generators in Biomass IPPs in United Kingdom, Ireland, Finland, Spain, South Africa, Thailand, Malaysia and India.

## Experience

- Over 80 customers across the globe benefit from our steam turbine solutions for biomass based Independent Power Plants
- Design and manufacture as per European standards (CE Mark, Pressure Equipment Directives of EU)
- An up-time of over 99% to maximize return on investments
- The governing and actuator system offers speedy response and stable control to accommodate fluctuations in grid and frequent load throw off conditions

## Product Offerings

TYPE	Condensing / Extraction Condensing
INLET STEAM PRESSURE	Upto 120 Bar(a)
INLET STEAM TEMPERATURE	Upto 545°C
POWER OUTPUT	Upto 30 MWe

\*Information provided above is indicative. For specific requirement please contact us



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