

what does it take to install
a STEAM TURBINE for CHP near

NORTH POLE



District Heating

District Heating System distributes thermal energy from a central source to residential, commercial and industrial consumers for use in space heating, water heating and process heating. This is an era in which fossil fuels have become scarce and expensive. This has brought the Combined Heat and Power (CHP) in district heating to the forefront.

Further the concern for environment has encouraged the use of biomass fuels to make the district heating plant/CHP plants greener. Triveni is well poised to provide competitive steam turbine solutions for energy efficient district heating plants to generate Combined Heat and Power(CHP). Triveni has already established its references in Europe for this application.

A Steam Turbine that is Designed

- To meet the fluctuating heat / power demand of the consumers-including seasonal variations

Season	Heat	Power
Summer	As required	Maximum Generation
Winter	Higher load	Maximum Available

- To meet European standards (CE Mark, Pressure Equipment Directive of EU)
- To meet over 99% availability
- To maximize the advantages of energy conservation
- To meet district-heating requirement without interruption

Product Range

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

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



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