SOLAR PRO.

Steam turbine generator high wind temperature treatment

In CHP applications, steam at lower pressure is extracted from the steam turbine and used directly in a process or for district heating, or it can be converted to other forms of thermal energy including hot or ...

The double flow turbine design not only provides double the expansion volume within a common casing, it also balances the large pressure drop between the turbine steam inlet and exhaust which tends to ...

The system includes a heat treatment apparatus, a flow-controllable cold wind ventilator, a temperature- and flow-controllable hot wind ventilator, a displacement measuring system, a...

This document defines common terms and requirements for the design, fabrication, inspection, testing, preparation for shipment and erection of heat recovery steam generators.

The topping cycle consists of a high pressure steam boiler and turbine generator with the high pressure turbine exhausting steam to one or more low pressure steam turbine generators.

Siemens Energy is set to power this project with steam turbines, generators and a distribution system. The project will feature the largest Siemens Energy steam turbine generator units in single casing ...

New heat treatment was proposed to improve the high temperature creep strength and low temperature toughness of an alloy so that it can be used as rotor material in high temperature and high pressure ...

In this article authors propose application of the wind-driven power units as power source of bottomhole electric steam generator for the thermal high-viscosity oil reservoir stimulation.

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