

Overview

Industry:

Power generation

Focus:

Heat recovery steam generators

Country:

Global

Innovative Steam Technologies

Innovative Steam Technologies (IST) manufactures Once Through Steam Generators (OTSG) for the industrial and power generation sectors. The OTSG recovers the heat available in a gas turbine exhaust stream. The steam generator has a once through flow path on the water/stream side. As such, all water that enters the OTSG leaves as superheated steam without any recirculation.

A typical OTSG consists of five major components:

- Inlet duct
- Inlet plenum
- Steam generator module
- Exhaust hood
- Exhaust stack

OTSGs are best suited for combine cycle applications, cogeneration, gas turbine steam injection/cooling, offshore platforms and power barges.

JNE's technical expertise and capabilities were demonstrated during the design of numerous OTSGs. Our contribution was so successful that IST has since entered into a formal partnership with JNE to provide ongoing engineering and finite element analysis support.

The work is partially done at our main office and the remaining by our employees located at IST's office.

Over the past eight years, JNE has been active in the power generation market, providing engineering and construction to various original equipment manufacturers and plant owners.

