## **Generators for Steam and Gas Turbines**

# CASE STUD

#### Allen Steam Turbines United Kingdom







### Waste to Energy

#### **Applications:**

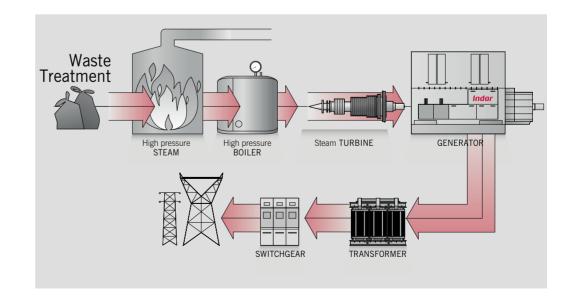
Biomass, Cogeneration, Geothermal, Combined Cycled Plant, Thermal Solar, Waste to Energy Plant

- · Independent power producers (IPP)
- · Public and municipal services: Hospitals, etc.
- · Universities and other building complexes
- · Industry:
  - Chemical
  - Wood and paper
  - Steel mills and the steel industry
  - Food
  - Petrochemical / refineries
  - Processing industry, pump manufacturers and compressors
  - Sugar and palm oil

The gasification technology will recover energy from up to 140,000 tonnes of refuse derived fuel (RDF) - produced by RRS from municipal residual, non-hazardous waste.

#### **Synchronous Generator**

Output:19,500 kVA | Voltage:11,000 V | Speed:1500 rpm | Thermal Class: H | Temp. Rise: F | IP:54









# Your driving force