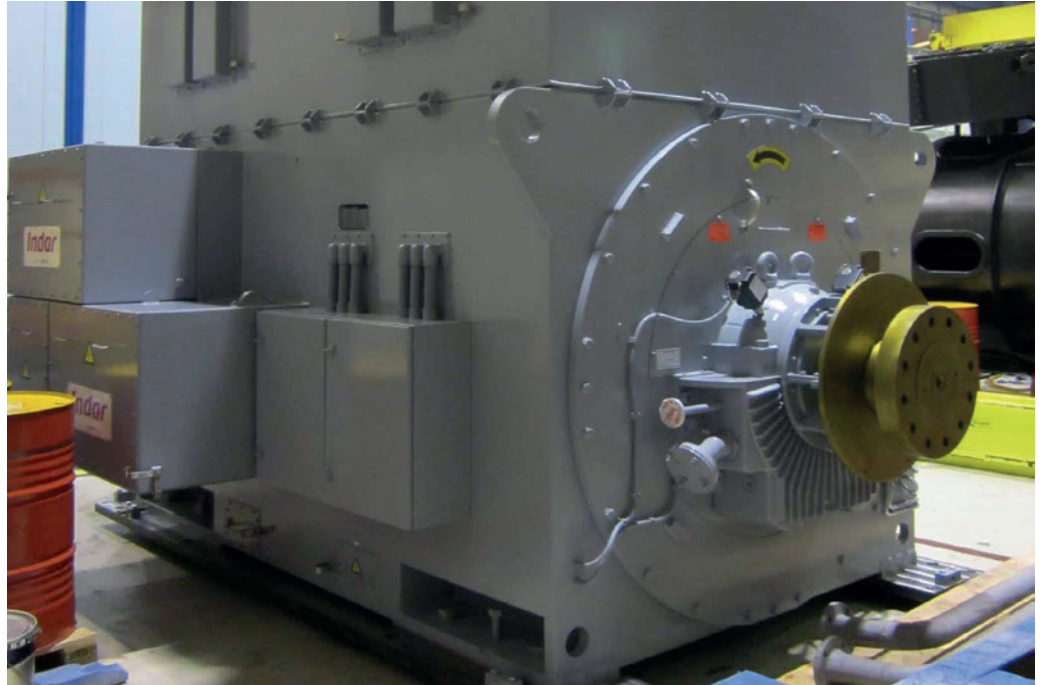


# Generators for Steam and Gas Turbines

## CASE

## STUDY

GE Thermodyn  
Vinci-Clermont Ferrand



### Waste to Energy Plant

Waste to Energy Municipal incineration plant located in Clermont Ferrand-France. The fuel used and burned is home waste, with an power output of 17MWe. The Power generated is 116,000 MWe/year.

#### Synchronous Generator

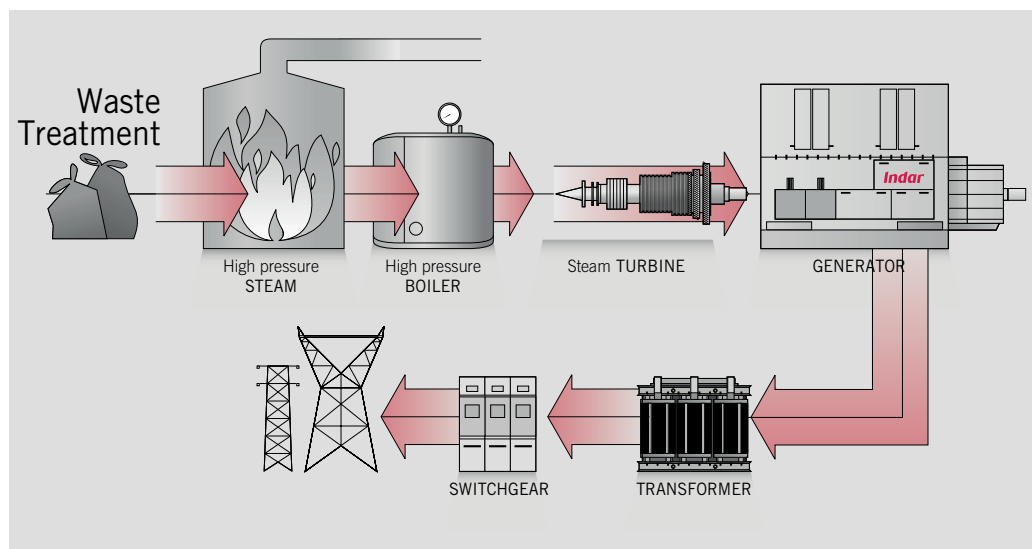
Output: **21,325 kVA** | Voltage: **11,000 V** | Speed: **1500 rpm** | Thermal Class: **H** | Temp. Rise: **B** | IP: **54**



#### 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

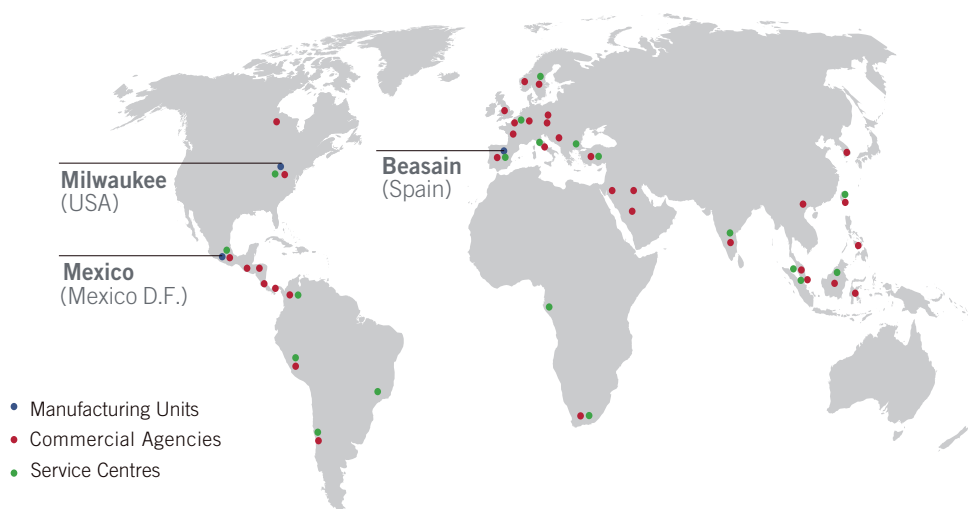


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