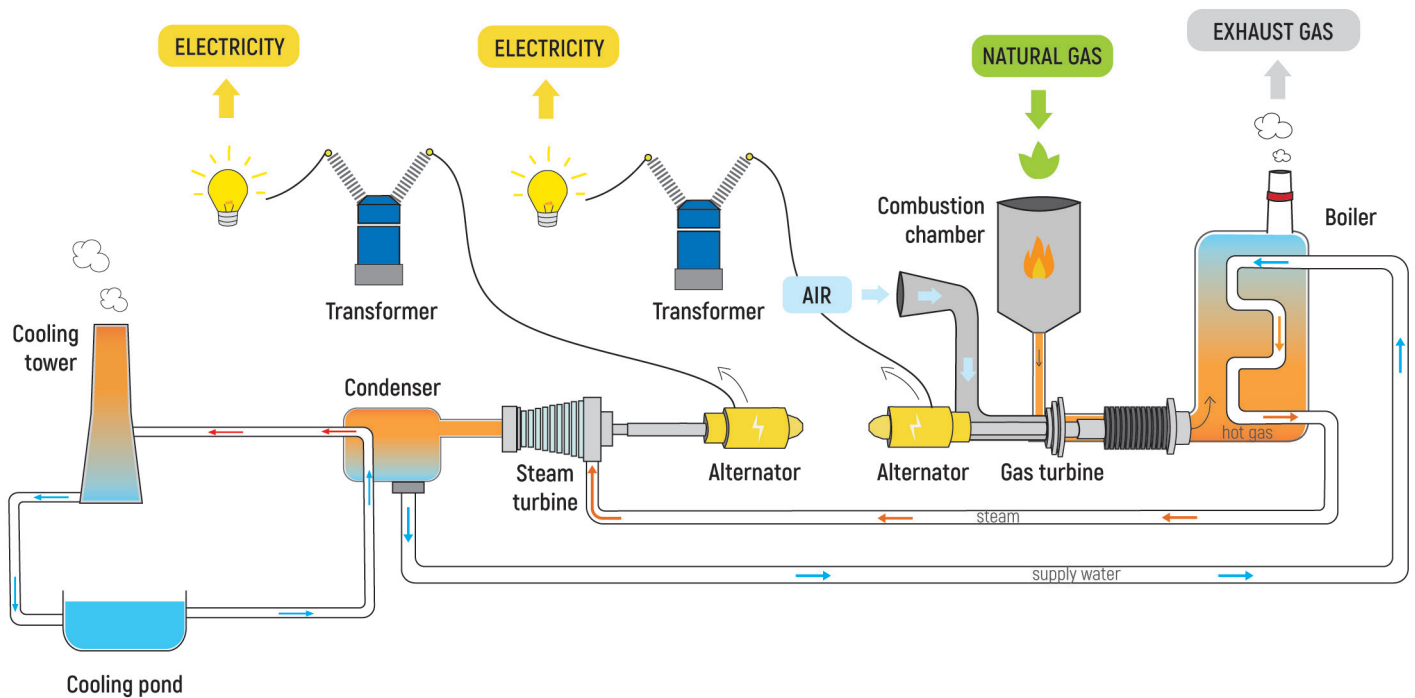


Turnkey gas-fired thermal power plants Design & Build



BUILDING THE ENERGIES OF THE FUTURE



What is a **gas-fired thermal** power plant ?

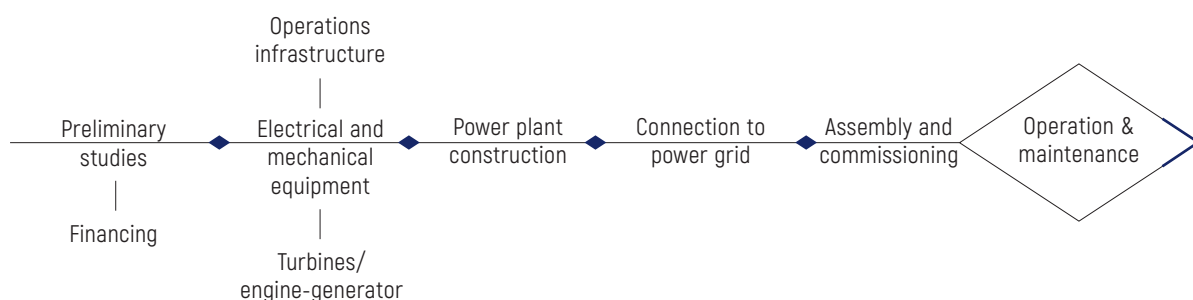
It uses fuel with a high calorific value to produce electricity.

There are two types of gas turbine power plants :

- Simple cycle power plants, which have a gas-powered combustion turbine, which in turn have a steam turbine coupled with a generator to produce electricity.
- Combined-cycle power plants, which are increasingly widespread given their higher energy yield (up to 60% more). The heat contained in the exhaust as it exit the combustion turbine is recovered to produce steam. Steam turbine coupled with a generator produces electricity.

Our unique experience in designing and building complex installations...

...enables us to integrate our processes at your service during the different phases of a gas-fired thermal power plant construction.



Flexible energy

Able to handle **consumption variations** and complement renewable energy sources when there is insufficient wind, sun or water

Competitive energy

Low investment cost
Readily available and easy to store, resulting in evenly distributed electricity production

Gas-fired thermal power plant

100% reliable energy

Energy with a
responsible
attitude towards global warming

Low impact of combustion on the environment

The cleanest fossil fuel energy

Reliable energy

For **maximum energy efficiency** and **minimum emissions**

Continuous production **7 days a week, all year long, unaffected by unpredictable** weather

Perfect complementarity within the energy mix

Energy available on **all continents**