

POWER

# 1320 MWe COAL POWER PLANT SALINE JONICHE

SALINE ENERGIE IONICHE S.R.L.  
Saline Joniche - Reggio Calabria (Italy)



**COMPLETION  
DATE** On going

## PROJECT DESCRIPTION

1320 MWe Coal Power Plant, consisting of two 660 MWe gross power generation trains, each including USC (Ultrasupercritical) Pulverised Coal Boiler and relevant Steam Turbine Generator. Each train is equipped with a flue gas treatment based on SCR DeNO<sub>x</sub>, fabric filter and FGD (Flue Gas Desulphurization). Electric power is delivered to the national grid by means of two overhead lines, approx. 35 km long. The plant is designed for future installation of CO<sub>2</sub> post combustion amine capture and compression units (2 x 400 t/h). Main offsite facilities include:

- port facilities for coal/limestone/solid by-products loading/unloading
- coal/solids handling and storage
- seawater intake, pumping and outfall

## FOSTER WHEELER ITALIANA SCOPE OF WORK

- Feasibility Study
- Basic Design for environmental permitting application.
- Functional Specifications of main mechanical and electrical packages
- Support to Project Development (FWI owns 15% shares of the project company)