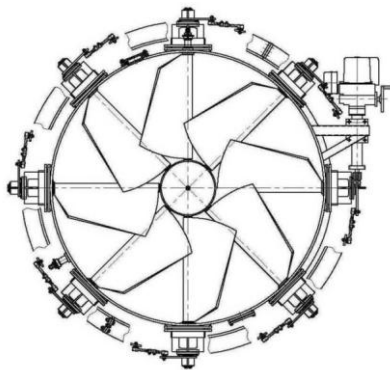
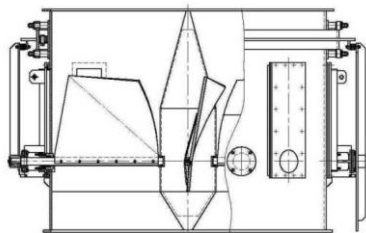




COAL BURNER SYSTEMS



Activities:

- Own know-how
- Basic and Detail Design
- Manufacturing
- Erection
- Commissioning
- Adjustments and tests

Projects:

- Basic and detail design of new Low NO_x Coal burner systems; manufacturing, commissioning, adjustment and tests for 3x100 t/h Boilers burning lignite – Timisoara South TEP

- Basic and detail design of a new Coal burner system for reduction of the heating capacity of Boiler 1B 160/100 from 112MWt to 49 MWt – Sliven TEP

- Basic and detail design of new Low NO_x Coal Burner Systems; manufacturing' erection supervision, commissioning, adjustment and tests for 3x227MWe Boilers burning lignite – Enel Maritsa East 3 TPP

Aim of the projects:

- ✓ Reducing of the NO_x emissions
- ✓ Stable combustion process
- ✓ Improvement of the Boiler efficiency by reducing of the unburned carbon

- Basic and detail design of new Low NO_x Coal burner systems; manufacturing, erection supervision, commissioning, adjustments and tests for 4x350 Mwe Units with Boilers burning subbituminous coal – As Pontes TPP

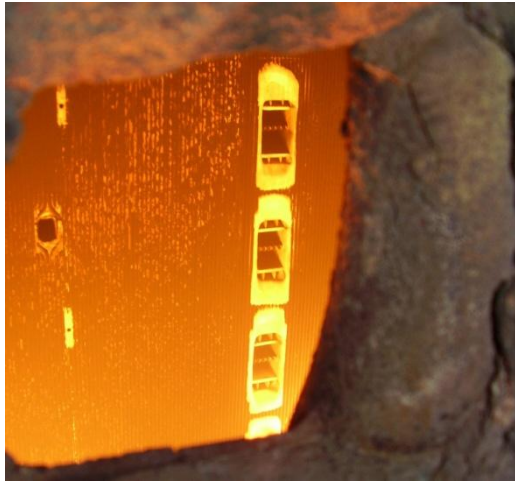
Aim of the project:

- ✓ Adapting of the Boiler equipment to the new fuel base
- ✓ Reducing of the NO_x emissions

- Basic and detail design of new Coal burner systems; commissioning, adjustments and tests for 4x350 Mwe Units with Boilers burning mixture from local lignite and import subbituminous coal – As Pontes TPP

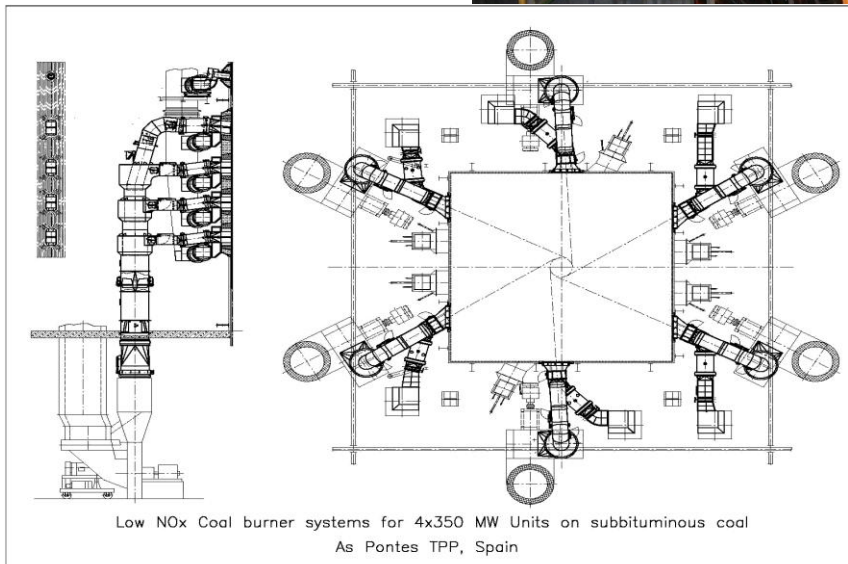
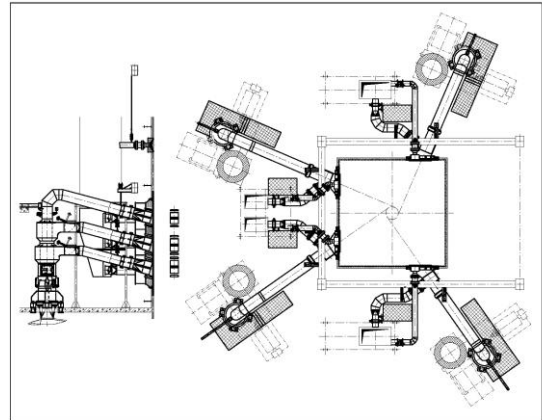
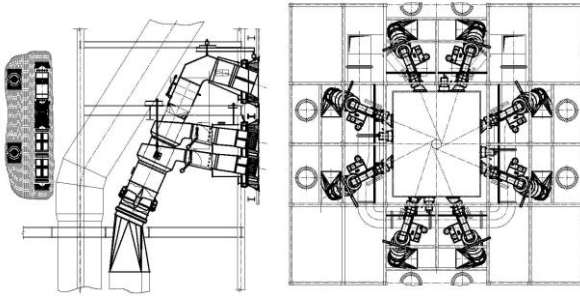


COAL BURNER SYSTEMS



Clients:

- Toplofikatsia Sliven JSC
- E&Z Industrie Lösungen GmbH
- Foster Wheeler Energia S. A
- Romenergo S.A.
- Enel Maritsa East 3 JSC



Low NOx Coal burner systems for 4x350 MW Units on subbituminous coal
As Pontes TPP, Spain