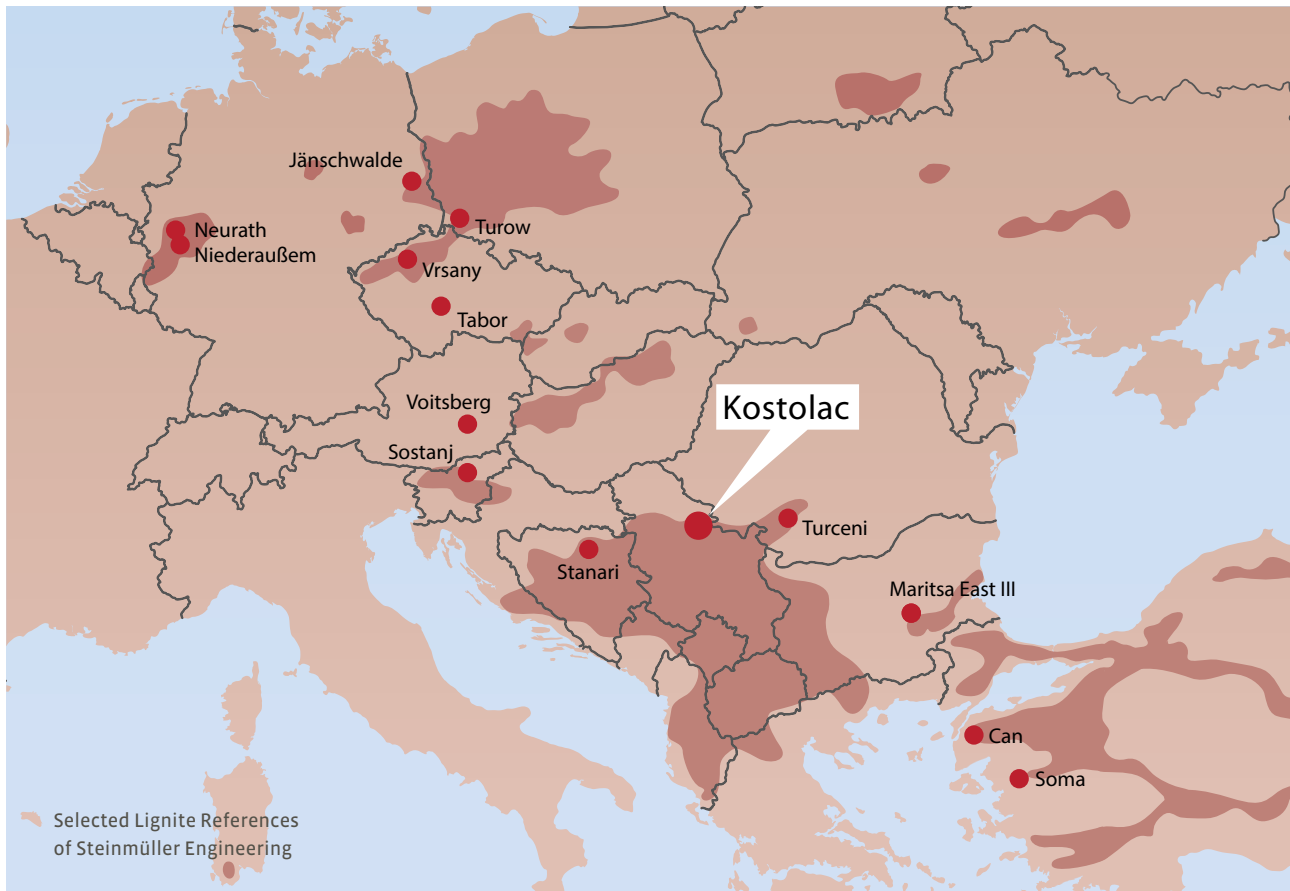


PS Kostolac B1

350 MWe, 1000 t/h

LowNOx Lignite Firing System



Achievements:

NOx ≤ to 191 mg/m³ (STP)

CO < 200 mg/m³ (STP)

Fuel: Serbian Lignite (a.r.)

LCV: 6.5 - 8.4 MJ/kg (1.6 - 2.0 Mcal/kg)

w: 42 - 45 %

a: 20 - 26 %

S: 1.10 %

N: 0.35 - 0.5 %

Scope of Supply:

- Process engineering
- 3D CFD modelling
- Mechanical design
- Lignite burners
- PF duct swirler
- Over fire air system
- Commissioning

Literature can be provided on request

- Kraftwerkstechnisches Kolloquium 2015 "Retrofit of a lignite fired steam generator for NOx emission reduction"

Please contact us for further information.