



ENGINEERING  
EXCELLENCE



**Thermal Power Plants**



Bielsko-Biala CHP, Poland

# Thermal Power Plants



Shuqaiq IWPP, Saudi Arabia



Lagisza Power Plant, Poland



Großenkneten, Germany

## Fields of Expertise

- Conventional power plants for all fuels
- Combined heat and power plants
- Waste incineration plants
- Biomass combined heat and power plants
- Combined power and desalination plants
- All disciplines covered in-house
- Common 3D Plant model for all engineering disciplines possible

## Highlights

- 1,075 MW<sub>el</sub> - the largest coal-fired power unit in Europe
- 1,500 MW<sub>el</sub> - power plant rehabilitation in Saudi Arabia
- First +400 MW<sub>el</sub> CCGT power unit in Poland
- First CCPP in Georgia, 230 MW<sub>el</sub>
- First successfully implemented power unit in Poland adopting the EPCM arrangement

## Selected References

- Kozenice Power Plant, 1,075 MW<sub>el</sub>, Poland
- Power Plant Expansion Programme, 1,500 MW<sub>el</sub>, Saudi Arabia
- Stalowa Wola CHP, 450 MW<sub>el</sub>, 250 MW<sub>th</sub>, Poland
- Czestochowa CHP, 65 MW<sub>el</sub>, 120 MW<sub>th</sub>, Poland
- Ostroleka Power Plant, 1,000 MW<sub>el</sub>, Poland
- Shuqaiq IWPP, 850 MW<sub>el</sub>, Saudi Arabia
- Bielsko-Biala CHP, 50 MW<sub>el</sub>, 106 MW<sub>th</sub>, Poland
- Zofiwka CHP, 80 MW<sub>el</sub>, 115 MW<sub>th</sub>, Poland
- Zeran CHP, 450 MW<sub>el</sub>, 250 MW<sub>th</sub>, Poland
- Lagisza Power Plant, up to 500 MW<sub>el</sub>, 300 MW<sub>th</sub>, Poland
- Jaworzno Power Plant, 910 MW<sub>el</sub>, Poland
- Gardabani Power Plant, 230 MW<sub>el</sub>, Georgia

- Weitendorf Waste Heat Recovery Plant, 18 MW<sub>el</sub>, 10 MW<sub>th</sub>, Austria
- Qua Iboe Power Project, 500 MW<sub>el</sub>, Nigeria
- Großenkneten Cogeneration Plant, 30 MW<sub>el</sub>, Germany

## ILF Services

ILF provides all services required for the successful implementation of thermal power plants. These services include:

- Technical consultancy
- Due Dilligence
- Feasibility studies
- Basic engineering
- Building permit designs
- Detailed engineering
- Design vetting
- Local adaptation of design documentation issued by international Contractors
- Contract management
- Site supervision
- EPCM services
- Tender documentation
- Procurement support
- EPC tender conduct



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