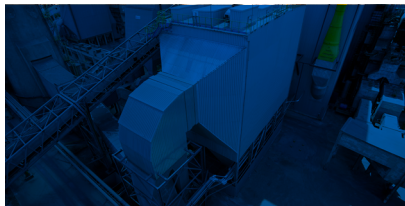


Devnya Power Plant

Reliably producing economical power from petroleum coke



Project summary

Location: Devnya, Bulgaria
 Customer: Deven JS Co.
 Duration: 2006-2010
 Scope: EPC of CFB boiler island

- ▶ Sumitomo SHI FW's CFBs replaced two Russian PC boilers at Deven's soda ash plant in Devnya, Bulgaria
- ▶ Efficient steam generation with high availability for one of the biggest soda ash plants in the world
- ▶ Our CFBs are designed to burn up to 80% petroleum coke (7.5% sulfur) with Russian semi anthracite coal
- ▶ CFB technology allows use of local limestone for SO_x reduction

Plant Electrical Output (Gross)	1 x 100 MWe	
Steam Flow	399 tph	880 kpph
Steam Pressure	100 barg	1450 psig
Steam Temperature	540°C	1004°F
Fuel	Petroleum coke/anthracite coal	

Customer Value Points

- ▶ Fueled by nearby coke supply from Sumitomo SHI FW cokers
- ▶ Local limestone use
- ▶ Resolves high carbon ash problem
- ▶ No FGD or SCR needed

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We are the premier global supplier of innovative circulating fluidized bed (CFB) technologies, providing sustainable value to our customers through our relentless drive for environmentally sound and reliable power solutions while we grow.