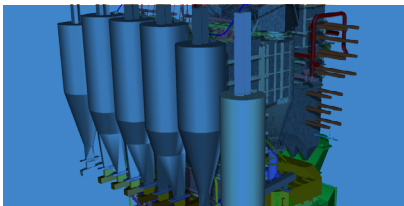


Sandow Unit 5

Affordable clean power from Texas lignite



Project summary

Location: Rockdale, TX, USA
 Customer: Bechtel & TXU
 Duration: 2006-2009
 Scope: Design and supply of two CFB boilers

Luminant's Sandow Unit 5 is a 630 MWe (gross) power plant located in Rockdale, Texas. The plant features two Sumitomo SHI FW circulating fluidized bed boilers which convert high-ash, Texas lignite into valuable power for local homes and industrial facilities.

- ▶ Large scale, clean reliable and affordable power
- ▶ Two boilers supply single turbine generator
- ▶ Includes CFB polishing scrubbers
- ▶ On-site limestone sizing mills

Plant Electrical Output (Gross/Net)	2 x 315/2 x 283 MWe	
Steam Flow (SH/RH)	943/860 tph	2076/1896 kpph
Steam Pressure (SH/RH)	175/46 bar g	2545/669 psig
Steam Temperature (SH/RH)	542/539°C	1007/1002°F
Feedwater Temperature	260°C	500°F
Fuel	Texas lignite	

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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.