



Atlantic Steel power plant, Sepetiba, Brazil

CC base load power plant with maximum availability fueled by blast furnace gas in a steel complex

The power plant was the third one of its type worldwide, but the biggest and most up-to-date at that time. SES has performed full scope Owner's Engineer services starting from concept design right up to specification development. O&M management services including commissioning and quality assessment. Anticipated performance targets achieved.

Project Facts

Installed capacity	490 MW
Technology	2 GT 11 N2 LBTU (90 MW per unit) 1 ST 310 MW, 2 HRSG Kawasaki design
Fuel	Blast furnace gas
Customer	ThyssenKrupp Steel AG and ThyssenKrupp CSA, Brazil (73.13% TKS, 27.87% Vale)
SES project execution	2005 - 2008; 2008 - 2012