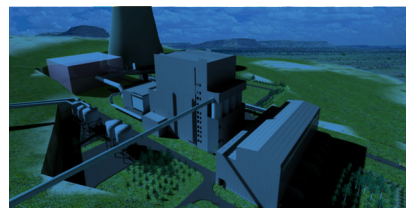


Oxy-300-CFB Demonstration Project

Development of Flexi-Burn CFB CCS technology



Project summary

Location: Ponnerrada, Spain
 Customer: CIUDEN and Endesa
 Duration: 2009-2014
 Scope: Design and supply of CFB for testing our Flexi-Burn™ carbon capture CFB technology

- ▶ We teamed with Endesa, Spain's largest utility, and the Spanish Foundation, Fundación Ciudad de la Energía (CIUDEN) to execute the technology development phase of this Spanish CCS demonstration project.
- ▶ The team built a 20 MWth CCS pilot plant demonstrating our advanced Flexi-Burn™ CFB technology and developed a design for a full-scale 300 MWe CCS plant.
- ▶ Flexi-Burn™ CFB technology is designed to easily transition between conventional and CCS modes while utilizing the CFB combustion platform to provide wide fuel flexibility.

Plant thermal capacity (Gross)	20 MWth	
Steam Flow (SH)	41.8 tph	92 kpph
Steam Pressure (SH)	30 barg	427 psig
Steam Temperature (SH)	460 °C	860°F
Fuel	Anthracite coal	

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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.