

POWER NEWS

Better technology for a cleaner world

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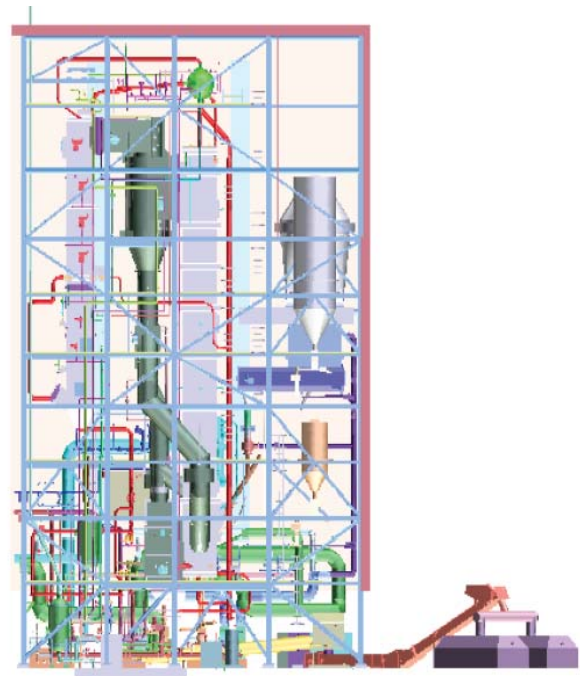
An Important Step for FW's Carbon Capture CFB Technology

We have been awarded a contract by Fundación Ciudad de la Energía (CIUDEN), an institution created by the Spanish Government, for a circulating fluidized-bed (CFB) unit for testing Foster Wheeler's Flexi-Burn™ carbon capturing CFB technology. The unit will be part of CIUDEN's Integrated Carbon Capture and Sequestration Technology Development Plant located near Endesa's Compostilla power plant in Ponferrada, Spain and will be designed to test a wide range of domestic (anthracite) and imported coals, and biomass, operating in both conventional and carbon capture mode.

Our scope includes the design and supply of the 30 MWth Flexi-Burn™ CFB test unit, some auxiliary equipment and site advisory services for the project.

Flexi-Burn™ is our version of carbon capture technology based on oxygen combustion (commonly referred to as "oxy-combustion" or "oxy-fuel") for coal plants. Unlike, pre-combustion (IGCC plant) or post-combustion technologies (amine CO₂ scrubber placed behind conventional coal boilers), oxygen combustion technologies allow the boiler to produce a CO₂ rich flue gas, thus reducing the need for expensive and energy-intensive CO₂ gas separation equipment.

The unit is expected to be operational by the second half of 2011 with testing programs expected to follow shortly thereafter.



CFB Design with Carbon Capture and Storage Capability

Low NOx Burners for the Compostilla Plant in Spain

We won a contract to design and supply a Low NOx Burner System for the Spanish utility company ENDESA. The Low NOx Burner System will be integrated in the Compostilla Power Plant Unit 3 (330 MWe) located in Ponferrada, León, Spain. This Low NOx Burner System is the third awarded to Foster Wheeler by ENDESA for the Compostilla Power Plant (after Units 4 & 5).

When Unit 3 reaches full operation (expected in the fourth quarter of 2010), all three operating units at the facility will be capable of operating at NOx levels, meeting the stringent local emission regulation and with fly ash of sufficient quality to permit the plant to sell this waste product to local cement producers.



Low NOx Burner Design of Compostilla Power Plant

Condensers to Lilama for Thermal Power Plant in Vietnam

We have been awarded a contract by Lilama Corporation, a Vietnamese EPC contractor, for the design and supply of two steam surface condensers and auxiliary equipment for the Vung Ang Thermal Power Plant in Vietnam.

The 2 x 600 MWe coal-fired power plant will be located in the Ha Tinh Province on the north coast of Vietnam. The project is being built with investments from the Vietnam National Oil and Gas Group (PetroVietnam) as part of the National Power Development Plan for the 2006-2015 period.

Commercial Operation of the first unit is scheduled for the second quarter of 2012 with the second unit coming online in the first quarter of 2013.

Foster Wheeler's Taichung PC Unit 3 Achieves Remarkable Efficiency

In a recent letter posted on the Taiwan Power Company (Taipower) website, the Chairman and President of Taipower offered a testament to the robust nature of our PC technology when he noted, "The Taichung Thermal Power Plant Unit 3 has been in operation for 703 consecutive days."

This is one of four Foster Wheeler units originally supplied to Taipower's coal-fired plant in Taichung, an industrial port city on the central western coast of the island.

The 550 MWe pulverized coal steam generator which went into operation in 1992, set a Taipower company record for continuous operation.



Taichung PC Units 1-4

Two Circulating Fluidized-Bed Steam Generators for Sinopec in China

We have been awarded a contract by Sinopec Jiujiang Company for the design and supply of two circulating fluidized-bed (CFB) steam generators for the Sinopec Jiujiang Fuel Alteration Project located in Jiangxi province in south central China.

We will design and supply the two 50 MWe (gross megawatt electric) CFB steam generators and auxiliary equipment and provide site advisory services for the project. The CFB steam generators will be designed to burn coal and petcoke in a manner that will meet China's increasingly stringent environmental requirements.

Foster Wheeler has served the Chinese market for more than 20 years, providing Chinese clients with over 40 CFB steam generators, 23 of which were bought by Sinopec. In addition to our successful CFB business in China, we have also sold over 20 pulverized coal (PC) units in China.

Commercial operation of the new steam generators is scheduled for first-quarter 2012.



Contract Signing for Jiujiang

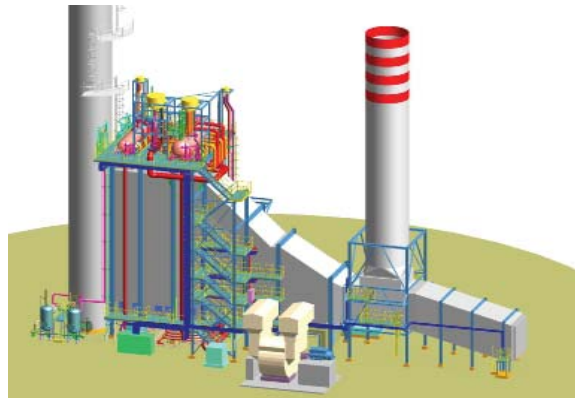
Heat Recovery Steam Generator to REPSOL in Spain

We have been awarded a contract to design, supply and erect a heat recovery steam generator (HRSG) by the Spanish company, REPSOL PETROLEO S.A. The HRSG and auxiliary equipment will be integrated in a cogeneration plant being built at the REPSOL Cartagena Refinery in Murcia, Spain.

The HRSG will be coupled to a General Electric PG-6581 gas turbine to recover heat from the gas discharge stream, producing high pressure and medium pressure steam for use in refinery processes and electricity generation at the Cartagena facility.

The unit will be equipped with a bypass stack and diverter, as well as post-firing and fresh air capability, for continuous operation even after a combustion turbine trip.

Commercial operation is scheduled for the first quarter of 2012.



Repsol HRSG Design

Organizational Change in North American Sales and Marketing Group

Caesar Hussain has been promoted to Senior Vice President North America Sales, working out of the Perryville, New Jersey office. In this capacity he will be responsible for all sales of new equipment and aftermarket services in the North American market.

Caesar brings a solid knowledge of the North American power market based on extensive experience gained over nine years as a field service engineer serving the utility market, supplemented by over five years as an account manager responsible for sales of new equipment and aftermarket services while operating out of the Chicago office.

For the past two years, Caesar has been the regional Vice President of business development for the Asia Pacific region operating out of our Shanghai, China office. In this role he has helped grow bookings and strengthen our market presence in the region.



Caesar Hussain - Senior VP of NA Sales



We offer a full range of steam generator equipment, aftermarket products and services to the power, industrial, and waste-to-energy sectors. Our global manufacturing and engineering network can deliver cutting-edge products and expertise, quickly and cost competitively with best-in-class quality. Established in 1891, our experience comes from over a century of designing, servicing, and continually improving steam generating equipment.

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- Circulating Fluid Bed
- Pulverized Coal
- Oil & Gas
- Supercritical Steam
- Solar Power
- Package
- Grate & MSW
- Metallurgical Waste Heat
- Heat Recovery Steam Generators

Auxiliary Equipment

- Feedwater Heaters
- Condensers
- Biomass Gasifiers

Steam Generator Services

- SCR and SNCR Systems
- Low NOx Combustion Systems
- Replacement/Upgraded Parts
- Construction Services
- Modernizations

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Pittsburgh, PA. USA
August 10-12, 2010

VGB Fall Conference
Essen, Germany
September 22-24, 2010