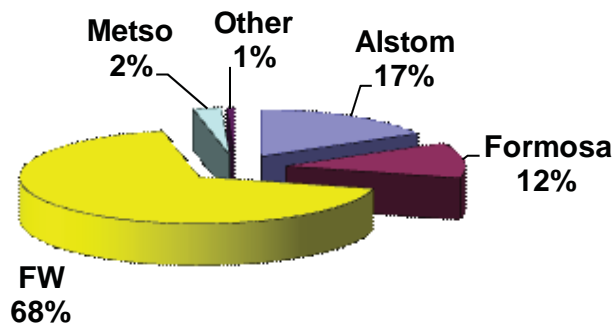


World Leader in Coke Fired CFB Technology

Historic World Coke Fired CFB Boiler Market GPG Served Market Over 1999 - 2008 Period



Total 4.9 Gwe, 45 Units

| Start-Up Date | Client | Plant Country | MWe |
|---------------|----------------------------|---------------|---------|
| 2010 | Lukoil | Romania | 1 x 70 |
| 2010 | Mejillones | Chile | 2 x 165 |
| 2010 | SINOCEM | China | 2 x 75 |
| 2009 | CLECO | USA | 2 x 330 |
| 2008 | Sinopec Tianjin | China | 3 x 100 |
| 2008 | Ambuja Cement Eastern Ltd. | India | 1 x 30 |
| 2008 | BILT Power Limited | India | 1 x 30 |
| 2008 | Deven JSCo | Bulgaria | 1 x 100 |
| 2008 | Sinopec Maoming | China | 2 x 110 |
| 2008 | Votorantim | Brazil | 1 x 50 |
| 2007 | Sinopec Guangzhou | China | 2 x 115 |
| 2007 | Sinopec Qingdao | China | 2 x 75 |
| 2006 | Maoming | China | 1 x 100 |
| 2006 | Sinopec Yanshan | China | 2 x 75 |
| 2005 | Sinopec Maoming | China | 1 x 100 |
| 2005 | Sinopec Zhenhai | China | 2 x 100 |
| 2002 | Sinopec Shanghai | China | 2 x 75 |
| 2001 | JEA Northside | USA | 2 x 300 |
| 2000 | Bay Shore | USA | 1 x 180 |

HIGH VALUED CFB TECHNOLOGY

Most CFB Experience in the Industry:

- 49% Served Market Share in CFB's over the past 10 years
- Over 350 CFB Units in Design/Operation
- 460 MWe Units now in Operation

Unmatched Coke-Fired CFB Experience:

- 68% Market Share of Coke Fired CFB's
- 43 Coke Fired CFB Units in Design/Operation

State-of-the-Art Standard Designs:

- Backed by 28 Years and 27 Million Hours of Operating History

Backed by a Network of Resources to Get the Job Done:

- Manufacturing
- Engineering
- Project Management

CFB FEATURES & CHARACTERISTICS

Low Furnace Temps:

- Low NOx, In-bed SO₂ Capture, Fuel Flexibility

Hot Circulating Solids:

- Tolerant to Fuel Variations, Simple Feed Systems, Uniform Heat Flux, Ideal for SNCR

Long Solid Residence Time:

- Good Fuel Burnout, Good Sorbent, Utilization

Fuel Flexibility:

- Bituminous and Anthracitic Coal, Coke, Waste, Peat, Biomass, Natural Gas, Oil



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.

Utility Steam Generators

- Circulating Fluid Bed
- Pulverized Coal
- Oil & Gas
- Supercritical Steam
- Solar Power

Industrial Steam Generators

- 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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