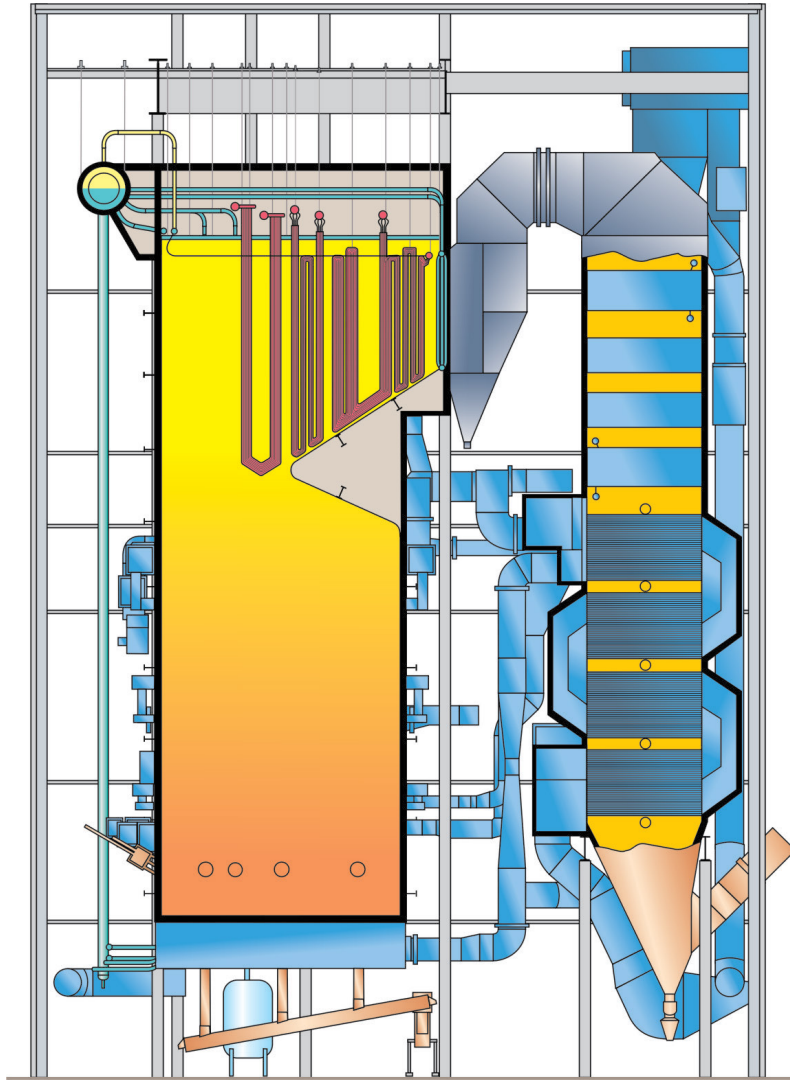


Bubbling fluidized bed boilers



Our Bubbling Fluid Bed steam generators have a history of reliable operation and have brought value to many clients due to their ability to burn high moisture and high ash fuels. We have progressively advanced the state of BFB technology by incorporating design improvements like our rugged step grid, staged air mixing and gas recirculation systems.

- ▶ Stepped grid for most difficult fuels
- ▶ Conventional grid for cleaner fuels
- ▶ Fuel gas recirculation for bed temperature control avoids in-bed tubes
- ▶ High gas residence time to ensure lowest dioxin, CO, and fly ash carbon
- ▶ Multiple levels of secondary air to minimize NOx formation
- ▶ Retractable soot blowing to maintain high boiler efficiency and long tube life

RECENT PROJECTS



Biomass de cantabria at Reocin
 Location: Reocin, Torrelavega, Spain
 Customer: Ingeteam Power Plants, S.A.
 Start-Up Year: 2012
 Capacity: 10 MWe
 Fuel: Biomass



Wilton
 Location: Middlesbrough, England
 Customer: SembCorp Utilities (UK) Limited
 Start-Up Year: 2007
 Capacity: 31 MWe
 Fuel: Short Rotation Coppice (SRC)



Portucel Viana
 Location: Viana do Castelo, Portugal
 Customer: Stora Enso Hytyle AB
 Start-Up Year: 2006
 Capacity: 11 MWe
 Fuel: Biomass

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Our vision is to provide sustainable energy solutions through decarbonization, decentralization and digitalization of the energy industry. Our capabilities cover customer needs in the fields of power generation utilizing circulating fluidized bed (CFB) technologies, long term energy storage, and related network services. We continuously broaden our portfolio of products and services by advancing our in-house technologies and developing further alliances with new partners.

Our Values

Respect for people.

Valuing and inviting differing views and ideas

Committed to customers.

Exceeding expectations and providing value

Safety, integrity and teamwork.

Incorporating ethics in everything we do

Ownership of results.

Personally ensuring that success is achieved

Passion to innovate and grow.

Setting challenging goals for growth



Sumitomo
SHI **FW**