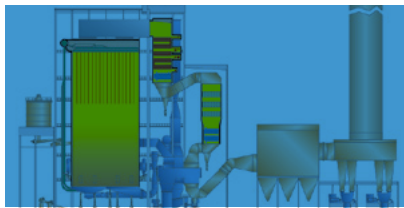
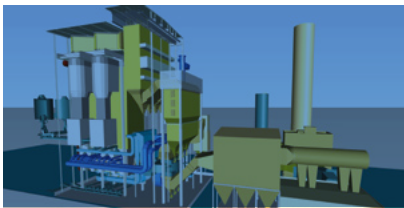


MGT Teesside Limited

World's largest, most efficient biomass CFB plant is under construction



Project summary

Location: Teesside, UK
 Customer: MGT Teesside Limited
 Commercial operation: 2020
 Scope: Design and Supply of CFB boiler with 5 year maintenance services for the CFB boiler.

- ▶ Tecnicas Reunidas SA and Samsung C&T EC UK have awarded us a design and supply contract for a circulating fluidized-bed (CFB) steam generator for the Tees Renewable Energy Plant, in Teesside, UK. The plant will be owned by MGT Teesside Limited.
- ▶ MGT Teesside Limited has also awarded us a long term service agreement for maintenance of the CFB boiler. Through this agreement, for a minimum of five years, we will provide maintenance services and operations advisory support for the CFB boiler.

Plant Electrical Output (Gross/Net)	299
Steam Flow (SH/RH)	824/739 tph
Steam Pressure (SH/RH)	175/43 barg
Steam Temperature (SH/RH)	568/568 °C
CFB Boiler LHV Efficiency (w/wo LTHR)*	94.4/96%
Fuel	Wood pellets and chips

* Boiler efficiency is shown with and without low temperature flue gas heat recovery system active

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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**