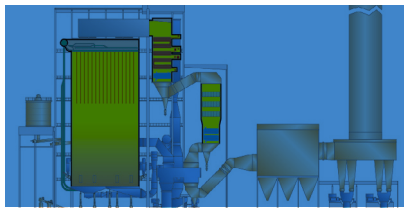
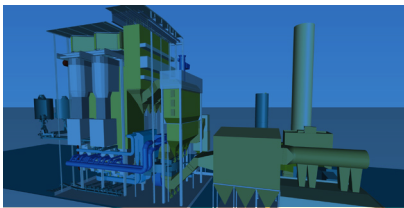


# MGT Teesside Limited

World's largest newbuilt 100% biomass-fired CFB boiler



### Project summary

Location: Teesside, UK  
 Customer: MGT Teesside Limited  
 Commercial operation: 2020

We have been awarded a contract by Tecnicas Reunidas SA and Samsung C&T EC UK to design and supply a circulating fluidized-bed (CFB) steam generator for the Tees Renewable Energy Plant, in Teesside, UK for MGT Teesside Limited.

MGT Teesside Limited has also awarded a long term service agreement contract to us for boiler maintenance. Through this agreement, for a minimum term of five years, the owner will get Sumitomo SHI FW's operations and maintenance experience and latest technology knowhow.

- ▶ World's largest CFB boiler using only biomass as fuel
- ▶ State-of-the-art renewable power plant
- ▶ 299 MWe CFB boiler for Tees Renewable Energy Plant, UK

<b>Plant Electrical Output</b>	299 MWe	
<b>Plant Heat Output</b>	645 MWth	
<b>Steam Flow (SH/RH)</b>	229/205 kg/s	1817/1629 kpph
<b>Steam Pressure (SH/RH)</b>	176/44 bar(a)	2546/626 psig
<b>Steam Temperature (SH/RH)</b>	568/568 °C	1055/1055 °F
<b>Feedwater Temperature</b>	263 °C	505 °F
<b>Fuels</b>	Wood pellets, wood chips	

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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.