



PRESS RELEASE

ANDRITZ'S first biomass-fired CFB boiler in Japan reaches the end of the warranty period

GRAZ, JANUARY 3, 2022. The ANDRITZ biomass-fired PowerFluid circulating fluidized bed boiler with flue gas cleaning system delivered to Mitsui Engineering and Shipbuilding for the biomass power plant in Ichihara, Chiba Prefecture, has been in commercial operation since December 2020 – after fulfilling all performance guarantee parameters in November 2020 as planned. The Ichihara plant reached the end of the warranty period in December 2021. The total project execution time from award of the order to the beginning of commercial operation was only 39 months, thus confirming ANDRITZ's strong capabilities in management and timely execution of demanding projects.

Ichihara power plant is designed to produce 50 MWe electric power from biomass (wood pellets and palm kernel shells). The ANDRITZ PowerFluid boiler features high pressure and a reheat system in combination with high steam temperatures with the aim of achieving high plant efficiency and optimizing the utilization of valuable, high-grade biomass.

The ANDRITZ scope of supply comprised the engineering work, delivery, erection work, and start-up of the fluidized bed boiler, including a flue gas cleaning system with high-dust SCR and auxiliary equipment. The equipment and technologies supplied by ANDRITZ are essential parts of a high-efficiency biomass power plant for supply of green energy to the national grid.

With this biomass-fired CFB boiler, ANDRITZ has made an important contribution to the Japanese renewables initiative, supporting the Japanese power industry in the very promising transition from fossil fuel to renewable energy sources.

ANDRITZ has a strong market position for CFB boilers and is working at the moment on ten more CFB boiler projects in Japan (3 x 75 MWe and 7 x 50 MWe) that are currently in the start-up phase or will go into operation over the next few years.

– End –



ANDRITZ biomass-fired PowerFluid circulating fluidized bed boiler with flue gas cleaning system for the biomass power plant in Ichihara, Japan.

PRESS RELEASE AND PHOTO AVAILABLE FOR DOWNLOAD

Press release and photo are available for download at andritz.com/news. The photo may be published free of charge if the source is stated: "Photo: ANDRITZ".

FOR FURTHER INFORMATION, PLEASE CONTACT

Dr. Michael Buchbauer
Head of Corporate Communications
michael.buchbauer@andritz.com
andritz.com



ANDRITZ GROUP

International technology group ANDRITZ offers a broad portfolio of innovative plants, equipment, systems and services for the pulp and paper industry, the hydropower sector, the metals processing and forming industry, pumps, solid/liquid separation in the municipal and industrial sectors, as well as animal feed and biomass pelleting. Plants for power generation, flue gas cleaning, recycling, and the production of nonwovens and panelboard complete the global product and service offering. Innovative products and services in the industrial digitalization sector are offered under the brand name Metris and help customers to make their plants more user-friendly, efficient and profitable. The publicly listed group has around 26,800 employees and more than 280 locations in over 40 countries.

ANDRITZ PULP & PAPER

ANDRITZ Pulp & Paper provides equipment, systems, complete plants and services for the production of all types of pulp, paper, board and tissue. The technologies and services focus on maximum utilization of raw materials, increased production efficiency and sustainability as well as lower overall operating costs. Boilers for power generation, flue gas cleaning systems, plants for the production of nonwovens and panelboard (MDF), as well as recycling and shredding solutions for various waste materials also form a part of this business area. State-of-the-art IIoT technologies as part of Metris digitalization solutions complete the comprehensive product offering.