

Study Visit to Wuxi Huaguang Environment & Energy Group Co., Ltd & Wuxi Youlian Thermal Power Co., Ltd

Visit time: April 10, 2025, 9:00 ~ 17:30

Visit location: No. 131 Meiyu Road, Xinwu District, Wuxi City

(Distance from the conference center: 181 km, approximately 2~2.5 hours by bus)

Important notes:

1. Gather in the lobby of the conference center at 9:00 am. Round-trip transportation will be provided by shuttle buses arranged by the organizer.
2. All participants must register in advance. On-site registration is not accepted.
3. Lunch will be provided by Wuxi Huaguang. If you have any special requests for food, please inform the organizers in advance.

Brief Introduction & highlights:

● **Wuxi Huaguang Environment & Energy Group Co., Ltd:** With 67 years of boiler manufacturing history, Wuxi Huaguang Group is one of China's leading CFB boiler manufacturers. Huaguang mainly focuses on two core areas: energy and environmental protection, specializing in environmentally friendly coal-fired boilers, zero-carbon biomass-fired boilers, solid waste boilers, heat recovery steam generators (HRSG), and hydrogen electrolysis equipment. The main highlights of this visit include:

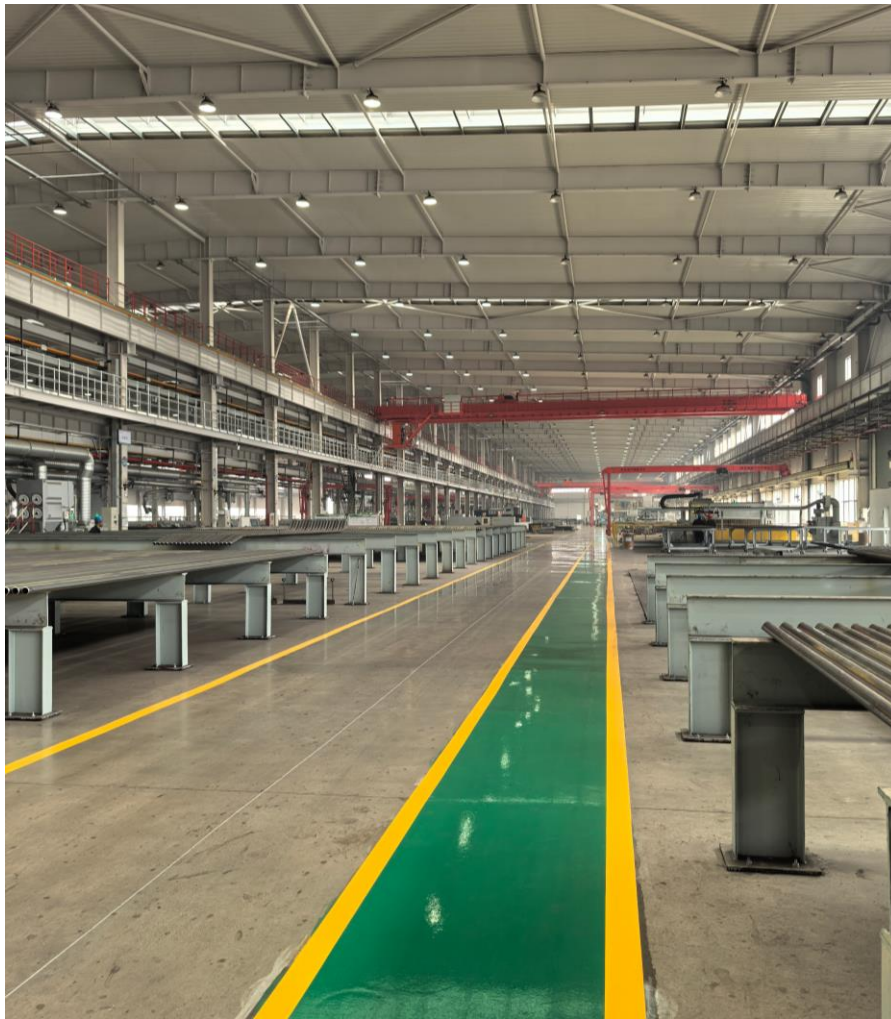
1. Development history of Wuxi Huaguang and its latest 5G-enabled factory digital twin system;
2. Production lines for boilers;
3. Automated production line for hydrogen electrolyzers.

● **Wuxi Youlian Thermal Power Co., Ltd:** A subsidiary of Wuxi Huaguang Group, established in 2003, operates two 100 t/h and two 150 t/h CFB boilers. The facility has completed ultra-low emission retrofitting, utilizing SCR and ammonia-based desulfurization systems to control NO_x and SO₂ emissions. It is equipped with a biomass co-firing system to utilize garden waste from Wuxi City, with a co-firing ratio of approximately 10%. Key visit areas include:

1. Central control room;
2. Boiler island and environmental protection island;
3. Biomass conveying and co-firing system.



Exterior views of Wuxi Huaguang and Wuxi Youlian.



Production lines for boiler pipes



Alkaline electrolyzer production line