

TOYO Awarded Biomass-fired Power Plant Project in Japan

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Toyo Engineering Corporation

Toyo Engineering Corporation (TOYO, President and CEO Haruo Nagamatsu) has been awarded a contract for a project to construct a 50,000kW biomass power plant. This plant will be built in Seiro-machi, Kita-Kambara-gun, Niigata, Japan for Niigata East Port Biomass Power Godo Kaisha.

This project is to construct a dedicated biomass-fired power plant using wood biomass fuel. This power generation facility is a highly efficient biomass-fired plant based on the reheat system (*). TOYO will carry out the EPC turnkey contract on a full turn-key basis that includes engineering, procurement, construction and commissioning services for a power generation unit.

TOYO has positioned the infrastructure field centered on power generation plants as one of its core businesses, actively working on renewable energy power generation plants such as photovoltaic power plants and biomass power plants. This award also marks TOYO's 8th orders for 50MW-class and 75MW-class biomass power plants. TOYO will continue to contribute to helping create a low carbon society by expanding our approach to renewable energy power generation including biomass power generation.

(*) Reheat system: Steam, after expansion through high pressure steam turbine, is sent back and reheated in the boiler, then resent to the low pressure steam turbine for further expansion. This system realizes high power generation efficiency.

Contract Summary

Client:	Niigata East Port Biomass Power Godo Kaisha
Contractor:	Toyo Engineering Corporation
Site:	Seiro-machi, Kita-Kambara-gun, Niigata, Japan
Facility:	50,000kW wood biomass-fired power generation facility
Scope:	Turnkey contract for engineering, procurement, construction and commissioning services
Completion:	Scheduled for 2024

3D Model of Biomass-fired Power Plant



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