

TOYO Awarded Biomass-fired Power Plant Project in Japan

December 11, 2019

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 Gamagori-shi, Aichi, Japan for Aichi Gamagori Biomass Power Generation Godo Kaisha.

This project is to construct a dedicated biomass-fired power plant using imported fuels such as wood pellets and PKS (Palm Kernel Shells). 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 6th 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 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: Aichi Gamagori Biomass Power Generation Godo Kaisha

Contractor: Toyo Engineering Corporation

Site: Gamagori-shi, Aichi, Japan

Facility: 50,000kW wood biomass-fired power generation facility

Scope: Turnkey contract for engineering, procurement, construction and commissioning services

Completion: Scheduled for 2023

<Contact>

Wataru IIDA /Haruka FUKUSHIMA, Corporate Communications Department

[Phone: +81-47-454-1113