



TAIHEIYO CEMENT NEWS LETTER

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Start of operation of New Waste Heat Recovery Power Generation System at Saitama Plant

Taiheiyo Cement Corporation (hereinafter “Taiheiyo Cement”; Headquarters: Bunkyo-ku, Tokyo; President: Masafumi Fushihara) has installed a waste heat recovery power generation system at Saitama Plant in Hidaka-shi, Saitama Prefecture. The new waste heat recovery system started operation on October 24, 2022.

This system utilizes the waste heat generated in the cement production process and will be able to reduce CO₂ emissions by approximately 23,000 tons/year.

Taiheiyo Cement has been promoting waste heat recovery power generation systems in the cement production process and the introduction of waste heat recovery at Saitama Plant now completes the installation of waste heat recovery at all Taiheiyo Cement plants in Japan. As a result, the ratio of waste heat recovery power generation to total power consumption at all plants is expected to be 19.7% (an increase of 3.0% from fiscal 2021).

In addition, in consideration of the environment, Saitama Plant is currently installing a gas engine power generation system with low CO₂ emissions. It is scheduled to start operation in the fall of 2023. Currently, Saitama plant is purchasing electricity from an electric power company, and the completion of both power generation systems is expected to realise stable operation and lower production cost.

Taiheiyo Cement positions the reduction of CO₂ emissions from its cement production as an important growth strategy and will work to continue to achieve carbon neutrality through various countermeasures and the promotion of further energy conservation.

< Overview of waste heat recovery power generation system >

Location	721 Harajuku, Hidaka-shi, Saitama Prefecture (on the grounds of the Saitama Plant)
Output	7,850kW
Annual amount of power generated	Approximately 53,000 MWh Reduction of CO ₂ emissions by approximately 23,000 tons/year