



## **ITOCHU ENEX Releases Information Concerning the Experimental Mixing of Woody Biomass in Combustion at Power Plant**

ITOCHU ENEX CO., LTD. (headquartered in Chiyoda-ku, Tokyo; Kenji Okada, Representative Director; hereinafter “the Company”) announced today that Hofu Energy Service Co., Ltd. (headquartered in Hofu-shi, Yamaguchi; Hajime Okubo, President, hereinafter "HES"), a consolidated subsidiary of ITOCHU ENEX, has decided to experiment with mixing woody biomass in coal combustion at a coal-fired power plant operated by HES.

The biomass fuel used for this demonstration experiment is black pellets, which can be used to reduce CO2 emissions when mixed with coal in combustion. In this experiment, HES plans to change the amount of black pellets mixed in stages using the current facilities, observe the operation status and collect data for examination, with the aim of launching full-scale operations to reduce CO2 emissions.

ITOCHU ENEX Group's mission is to stably supply diverse types of energy that are indispensable for life. The Company will continuously work to help solve environmental and social issues through energy while stepping up its activities to raise economic efficiency and achieve carbon neutrality.

### < Overview of experimental operation >

- Title of experiment: HES Woody Biomass Mixed Combustion Experiment
- Details: 1. Verifying in stages that biomass-mixed combustion can be operated using the current facilities  
2. Collecting data from biomass-mixed combustion
- Facility used: HES Boiler No.5
- Mixed combustion ratios: 2.5% to 10%
- Timing of implementation: October 2022 (plan)
- Objective: Examination with an aim to continuously reduce CO2 emissions



External view of HES



Woody biomass (black pellets) to be used

As the best partner for life and society, the ITOCHU ENEX Group will work to resolve sustainability issues through its business and continue to contribute to the achievement of the UN's Sustainable Development Goals (SDGs).

- Sustainability for the ITOCHU ENEX Group

<https://www.itcenex.com/ja/csr/policy/index.html>

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