

## Translation

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September 20, 2024

erex Co., Ltd.

### **Initiatives to Achieve a De-Carbonized Society - Coal-Fired Itoigawa Power Plant Completes PKS Co-Firing Test -**

erex Co., Ltd. (Head Office: Chuo-Ward, Tokyo; Representative Director and President: Hitoshi Honna; hereinafter referred to as "the Company") is pleased to announce that a co-firing test of PKS (Palm Kernel Shell) has been conducted at the Itoigawa Power Plant, which is jointly operated by the Company and Taiheiyo Cement Corporation (Head Office: Bunkyo-Ward, Tokyo; Representative Director and President: Yoshifumi Taura) as follows.

As part of efforts to address the social issue of achieving a de-carbonized society, the Company is planning fuel conversion of coal-fired power plants in Japan.

As a test to implement the plan, a co-firing test with coal using inexpensively procured PKS was conducted for eight days from September 6 to 13. The test operation was conducted with a maximum of approximately 30% PKS mixed with coal, and it was confirmed that stable firing and power generation were available.

The Company will continue to implement initiatives to achieve a de-carbonized society in Japan and abroad, with its biomass power generation business as a cornerstone. With regard to the fuel conversion of coal-fired power plants, the Company will steadily proceed with the plan with the understanding and cooperation of local residents and other related parties.

#### [Reference]

1. The Power Generation Facility Covered by the Test
  - (1) Name of the power plant: The Itoigawa Power Plant
  - (2) Location: Itoigawa City, Niigata Prefecture

(3) Rated output: 149,000 kW

2. Fuel Types of Co-Firing of the Test

(1) Biomass fuel: PKS (Palm Kernel Shell)

3. Overview of the Test

(1) Biomass fuel co-firing rate: max. approx. 30% (calorific value ratio)

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