



八戸バイオマス発電



March 27, 2026

Hachinohe Biomass Electric Power Co., Ltd.

East Japan Railway Company

erex Co., Ltd.

Hachinohe Biomass Power Plant Provides Environmental Value to JR East through Virtual PPA ～ Promoting De-Carbonization in the Railway Business～

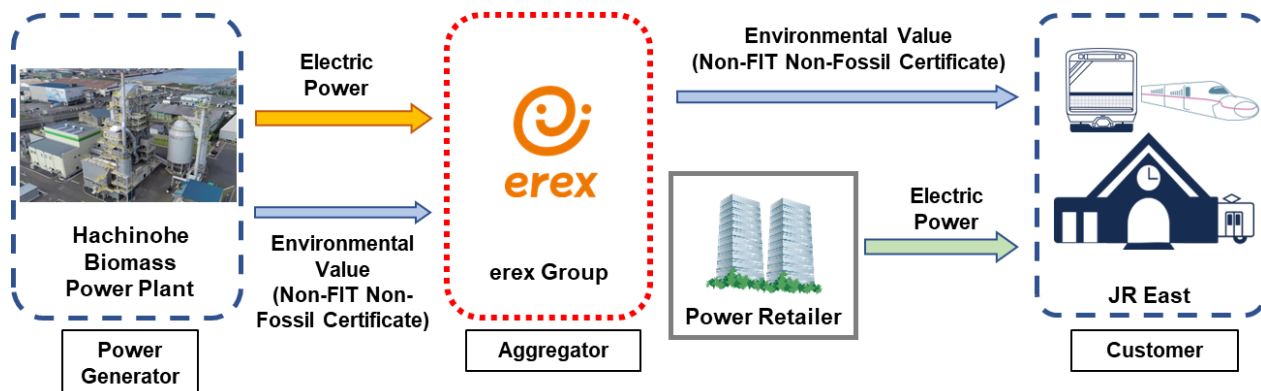
- Hachinohe Biomass Electric Power Co., Ltd. (Representative Director & President: Hiroshi Yasuda, hereinafter "Hachinohe Biomass") will collaborate with erex Co., Ltd. (Representative Director & President: Hitoshi Honna, hereinafter "erex") to provide environmental value to East Japan Railway Company (Representative Director & President: Yoichi Kise, hereinafter "JR East") starting in April 2026.
- This initiative is based on virtual PPA. Virtual PPA is a long-term contract in which only the environmental value of a renewable energy power plant is purchased. Because customers can use renewable energy without changing their existing electric power contracts, it is becoming increasingly popular as a means of supporting de-carbonization of corporate customers.
- This initiative involves transitioning the Hachinohe Biomass Power Plant, which has been operated under the FIT (Feed-in Tariff) system, to the FIP (Feed-in Premium) system (*), providing JR East with approximately 85 million kWh of environmental value annually, which is equivalent to an annual reduction of approximately 35,000 tons of CO₂. This will contribute to a reduction of approximately 2% of JR East's CO₂ emissions.
- Through this initiative, erex aims to contribute to the economic viability of renewable energy sources and to address the social challenge of realizing a carbon-neutral society.

(*) FIP System: An abbreviation for Feed-in Premium System. In addition to the revenues that power generators earn from buying and selling electric power and environmental value on the JEPX (power wholesale market), etc., FIP premium (the difference between the FIP benchmark price and the reference price) is paid by Organization for Cross-regional Coordination of Transmission Operators, JAPAN (OCCTO). The reference price is linked to the market price and is reviewed on a monthly basis.

1. Overview of the Initiative

JR East will purchase the environmental value equivalent to the total volume of electric power transmitted from the Hachinohe Biomass Power Plant through erex Group.

The Ministry of Economy, Trade and Industry is promoting the transition of FIT power sources to the FIP system in order to make renewable energy the primary power source, and the Hachinohe Biomass Power will also transition to business operations utilizing the FIP system from April 2026.



The Virtual PPA Scheme

2. Initiatives of Each Company

(1) Hachinohe Biomass Electric Power Co., Ltd.

Hachinohe Biomass Electric Power Co., Ltd. is a company jointly established by Sumitomo Forestry Co., Ltd. (Representative Director & President: Toshiro Mitsuyoshi), Sumitomo Osaka Cement Co., Ltd. (Representative Director & President: Hirotsune Morohashi), and JR East, with the aim of expanding the utilization of forest resources and generating environment-friendly energy. Since starting operations in April 2018, it has supplied electric power equivalent to that of approximately 27,000 general households. It operates as a biomass power plant that exclusively burns domestic timber, using unused wood from forests in the local Aomori and Iwate prefectures as fuel. It has been certified as a regional resource biomass power generation facility in recognition of its contribution to promoting forestry by utilizing locally produced timber and its stable power supply that is not affected by weather. Moving forward, Hachinohe Biomass will continue to work with the community to generate environment-friendly renewable energy.

(2) East Japan Railway Company

JR East has set a long-term goal as part of its "Zero Carbon Challenge 2050" to reduce CO2 emissions by 50% by FY2030 compared to FY2013 levels and achieve "net-zero" emissions by FY2050, in order to continue to remain a corporate group that improves its environmental competitiveness and creates new value for society in the future. To date, JR East has promoted initiatives such as the development of renewable energy sources such as solar and wind power generation, energy conservation through the introduction of new train cars, and the improvement of efficiency at its own thermal power plants. JR East will continue to make further efforts toward "net-zero" CO2 emissions at all phases of the energy network, "from generation to transmission, from storage to usage".

(3) erex Co., Ltd.

erex operates retail & electric power trading, power generation, and fuel businesses in Japan, and power generation and fuel businesses overseas in Southeast Asia. Strength of erex lies in its ability to provide integrated functions of power generation, trading, and retail necessary for renewable energy aggregation. By making full use of the know-how cultivated over many years of electric power supply and demand management, erex aims to become a one-stop provider for de-carbonization support. Currently, in addition to handling environmental value, erex is also developing grid-scale BESS (battery energy storage system) and managing the supply and demand of renewable energy sources. Through this aggregation business, erex will contribute

to the de-carbonization of corporate customers.

3. Overview of Hachinohe Biomass Power Plant

Item	Content
Power Plant Name	Hachinohe Biomass Power Plant
Power Plant Location	Oaza, Kawaragi, Aza, Hamanayachi 76-370, Hachinohe City, Aomori Prefecture
Power Generation Capacity	12,400kW
Expected Power Generation Volume	Approximately 85 million kWh/year
Fuel Used	Wood chips, bark
Operator	Hachinohe Biomass Electric Power Co., Ltd.
Investors	Sumitomo Forestry Co., Ltd. (52%) Sumitomo Osaka Cement Co., Ltd. (30%) East Japan Railway Company (18%)
Start of Commercial Operations	April 1, 2018



This press release has been distributed to Tokiwa Club, Marunouchi Press Club, JR Press Club, and the Ministry of Land, Infrastructure, Transport and Tourism Press Club.

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