

Launch of Data Center Business in Kaminokuni, Hokkaido

First J-POWER GPU Cloud Business—Aiming to Realize a Green Data Center Equipped with State-of-the-Art GPUs

Electric Power Development Co., Ltd. (“J-POWER,” headquartered in Chuo-ku, Tokyo; President and CEO: Hideaki Kato) has decided to launch its first data center (“DC”) business in Kaminokuni, Hokkaido.

Under this project, J-POWER will construct and operate a data center equipped with state-of-the-art GPUs (Graphics Processing Units) and provide customers with the computing power required for generative AI development, simulations, and other advanced computational applications. Service commencement is scheduled for the summer of 2027.



Conceptual Image of the Kaminokuni Data Center (tentative name)

Purpose and Key Features of the Project

Leveraging the expertise it has cultivated through its power infrastructure business, J-POWER will manage the entire value chain of the project, from data center construction and operation to the provision of computing services. Through this integrated approach, J-POWER aims to enhance business profitability while accumulating advanced know-how in the next-generation data center sector.

- **Provision of High-Performance Computing Power through State-of-the-Art GPUs**

To respond to rapidly growing demand driven by generative AI and related applications, the data center will be equipped with cutting-edge GPUs, enabling J-POWER to offer advanced computing capabilities under its own brand.

- **Leveraging Strategic Partnerships**

For data center operations, J-POWER will utilize technologies provided by Morgenrot Inc., a company in which J-POWER has invested. Morgenrot’s “MORGENROT TailorNode” and

“MORGENROT Arthur” platforms incorporate sophisticated job management technologies, enabling J-POWER to maximize server utilization. In addition, Morgenrot possesses technologies that can visualize electricity consumption on a per-job basis. This capability is expected to support the Green Data Center concept outlined below by linking computing workloads with renewable energy sources, thereby reducing environmental impact while maintaining cost competitiveness.

Reference (Previous Press Release: January 9, 2026)

https://www.jpowers.co.jp/english/news_release/pdf/news260109e.pdf

- **Project Implementation in Kaminokuni, Hokkaido**

Kaminokuni, known as the “Town of Wind Turbines” and blessed with the strong winds of the Sea of Japan, declared itself a “Zero Carbon City” in FY2023 and has been actively promoting the introduction of renewable energy, particularly wind power. J-POWER has developed strong ties with the community through many years of wind power operations in the area. Building on these relationships, the project aims to create new value for the region and contribute to its sustainable development.

Project Overview

Item	Description
Project Name	Kaminokuni Data Center (tentative name) Project
Location	Kaminokuni, Hokkaido
Main Facilities	40ft container modules, GPU servers, cooling equipment, etc.
GPUs	NVIDIA HGX B300 NVIDIA RTX PRO 6000 Blackwell Server Edition
EPC (Engineering, Procurement & Construction)	MIRAIT ONE Corporation
Business Model	Provision and sale of computing power utilizing state-of-the-art GPUs
Service Launch	Summer 2027 (planned)

Future Outlook

- **Expansion of the Business**

Based on the experience and expertise gained through this project, J-POWER plans to expand its data center business in phases. Future developments will be considered comprehensively, considering J-POWER's nationwide operational assets and the renewable energy potential across different regions.

J-POWER will also explore the feasibility of workload shifting,* a key technological component for distributed data center coordination. Utilizing the results of these studies, the Company aims to establish an optimal business model that addresses regional challenges while at the same time supporting the development of digital infrastructure for a carbon-neutral society.

*Workload Shifting: A technology that shifts computing workloads across time and/or location to optimize power supply-demand balancing and improve the utilization of computing resources.

Reference (Previous Notice: August 8, 2026)

<https://www.jpowers.co.jp/news/2026/08/oshirase260806.html> (Japanese Only)

- **Realization of a Green Data Center**

The J-POWER Group taps into a diverse portfolio of non-fossil-fuel power sources across Japan, including hydropower, wind, geothermal, and solar generation. The Company aims to realize a "Green Data Center" that utilizes these power sources. In addition, J-POWER will explore the application of an Environmental Value Platform that can leverage renewable energy resources from across Japan rather than being limited to a specific region. Through initiatives such as "Hourly Matching," which aligns electricity generation and consumption on an hourly basis, J-POWER will provide highly transparent environmental value to customers.

Reference (Previous Press Release: April 17, 2026)

https://www.jpowers.co.jp/news/2026/04/news260417_1.html (Japanese Only)

Based on the J-POWER Group's [J-POWER "BLUE MISSION 2050"](#), J-POWER will actively contribute not only to the supply of electricity but also to the decarbonization of electricity demand, including that of data centers. Through these efforts, J-POWER will help realize a sustainable society.