

Launch of the NEXUS Sakuma Project for the Renovation of Sakuma Hydroelectric Power Station

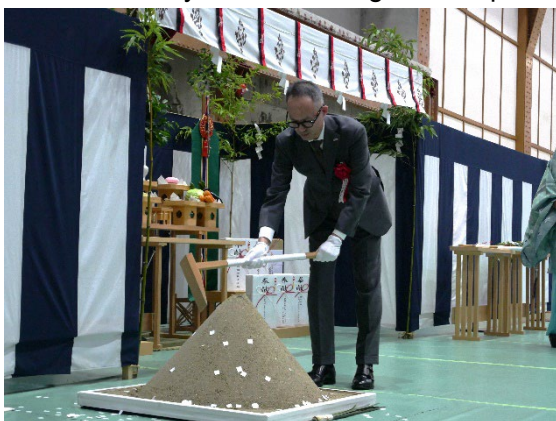
Renewing Sakuma Hydroelectric Power Station, a Symbol of J-POWER's Renewable Energy Business

Electric Power Development Co., Ltd. (“J-POWER,” headquartered in Chuo-ku, Tokyo; President and CEO: Hideaki Kato) announced that it has launched the NEXUS Sakuma Project, which will renovate the Sakuma Hydroelectric Power Station (Tenryu-ku, Hamamatsu City, Shizuoka Prefecture).

The Sakuma Hydroelectric Power Station is one of J-POWER's largest conventional hydroelectric power plants in Japan, and is capable of supplying power for both 50 Hz (eastern Japan) and 60 Hz (western Japan) frequencies. Since commencing operation in 1956, the station has contributed to the stable supply of electricity over a wide area for approximately 70 years. Due to the aging of major facilities, the project will involve a comprehensive renewal of the entire power station, including both power generation equipment and buildings. The renovation will be carried out in two phases over approximately ten years.

Under this project, J-POWER will replace the main power generation equipment with high-efficiency systems and increase the maximum water intake, thereby increasing generating capacity from the current 350 MW to 400 MW, representing an increase of 50 MW. Annual power generation is also expected to increase by approximately 55 million kWh, enabling more effective utilization of limited water resources.

The J-POWER Group will continue to promote the expansion of its renewable energy business through initiatives aligned with [J-POWER “BLUE MISSION 2050.”](#) and will strive to achieve carbon neutrality while ensuring stable operations and maintaining the trust of local communities.



Safety Prayer Ceremony for the Start of Construction (July 3, 2026)

1. Project Overview

Project Name: NEXUS Sakuma Project (Renovation of Sakuma Hydroelectric Power Station)

Location (Power Station): Tenryu-ku, Hamamatsu City, Shizuoka Prefecture

Location (Dam): Tenryu-ku, Hamamatsu City, Shizuoka Prefecture and Toyone Village, Kitashitara District, Aichi Prefecture

Main Construction Work:

- Replacement of turbines, generators, control systems, main transformers, and switchyard facilities with state-of-the-art high-efficiency equipment
- Reconstruction of the power station buildings
- Installation of a surface intake system

Project Schedule: Phase I: July 2026–FY2030
Phase II: FY2031–FY2035

2. Comparison of Plant Specifications

Item	Before	After Renovation
Maximum Output	350 MW	400 MW
Maximum Water Intake	306 m ³ /s	350 m ³ /s

3. Map

