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Electric Power Development Co., Ltd.

Ogamigo Hydroelectric Power Station: J-POWER Begins Repowering Work
Start of Comprehensive Renovations of 50-Year-Old Hydroelectric Power Station

TOKYO, JAPAN, May 7, 2024—Electric Power Development Co., Ltd. (headquartered in Chuo-ku, Tokyo; president: Hitoshi Kanno; "J-POWER") announced on May 5 the beginning of repowering work (comprehensive renovations of the main equipment, such as the water turbines and generators) at Ogamigo Hydroelectric Power Station in Shokawa Village, Takayama City, Gifu Prefecture.

More than 50 years have passed since Ogamigo Power Station began operating (in 1971), and the equipment has aged. To boost power generation, J-POWER will completely update the main facilities, such as the water turbines and generators, increasing the station's power output by 1,300 kW from 20,000 kW to 21,300 kW. Also, state-of-the-art designs will be introduced to streamline the facility, improve reliability, and reduce maintenance.

With the understanding and cooperation of the local community and other related parties, J-POWER will begin construction, while putting safety first and giving full consideration to environmental conservation.

J-POWER has undertaken repowering projects at seven power stations to date, with Ogamigo being the eighth (increasing cumulative power output capacity by 30,100 kW). The J-POWER Group is working to expand the introduction of renewable energy projects to achieve the carbon neutrality goals set out in J-POWER BLUE MISSION 2050.

Exterior view of the power station

Inside the power station
(power generation equipment)

1. Ogamigo Hydroelectric Power Station (existing setup)

    Location   Shokawa Village, Takayama City, Gifu Prefecture, Japan
    Capacity   20,000 kW
    Maximum water use   12.1 tonnes per second
    Dam   Okurodani Dam (length: 140 m, height: 34 m)
    Start of operations   November 1971

2. Schedule

    May 5, 2024   Repowering (renovation) work begins
    December 2024   Expected start of commercial operation

3. Location