Environmentally Friendly Business

ENVIRONMENT

Policy and Concept

Further development and utilization of renewable energy sources

As a leading company in zero-carbon energy, the Kansai Electric Power Group is committed to proactively developing renewable energy by strengthening our organizational structure to promote its development including engineering and marketing capabilities, focusing on offshore wind power generation, which has great development potential. Through investment of a total of 1 trillion yen in domestic projects, we aim to achieve a scale of 5 GW for new development and a cumulative total capacity of 9 GW by 2040. Domestically, we are taking initiatives not only to improve the output of existing hydroelectric power plants but also to develop offshore wind power, onshore wind power, solar power, geothermal power, biomass power, and hydroelectric power plants. New development with a total output of about 0.4 GW came into operation as of the end of March 2025. We will contribute to helping the decarbonization of our customers and society by continuously operating our developed power sources and promoting the development of new power sources as well.

Goals

Further development and utilization of renewable energy sources

• Achieve 5 GW scale of new development and 9 GW scale of cumulative capacity in Japan by 2040

Efforts

Domestic initiatives during the fiscal 2024

- In April 2024, the Company proceeded with facility renewal for Okutataragi Pumped Storage Power Station Units 3 and 4, a renewal project acquired through a long-term decarbonization power source auction.
- In May 2024, the Company established the KS Renewable Energy No. 1 Investment Limited Partnership to invest domestic solar power generation projects.
- In July 2024, the Company submitted the planning-stage environmental impact statements for the offshore wind power generation project off the coast of Matsumae, Hokkaido, in accordance with the Environmental Impact Assessment Act.
- In October 2024, the Company signed a corporate PPA to supply renewable electricity and its environmental value to Hankyu Corporation, with KDS Solar LLC responsible for developing and managing solar power generation facilities while we, the Company, handling electricity retailing. Additionally, the Company signed a similar contract with McDonald's Company (Japan), Ltd. in December 2024.
- In November 2024, together with RWE Renewables Japan G.K., the Company submitted the planning-stage environmental impact statements for the offshore wind power generation project off the coast of Hiyama, Hokkaido, in accordance with the Environmental Impact Assessment Act. In January 2025, the Company submitted another planning-stage environmental impact statements for the offshore wind power generation project off the coast of Shimamaki, Hokkaido.
- Through the special-purpose company, Yamagata Yuza Offshore Wind LLC, in which the Company jointly invested with Marubeni Corporation, BP IOTA Holdings Limited, Tokyo Gas Co., Ltd., and Marutaka Corporation, we participated in a public bidding and were selected as the operator in December 2024 for an offshore wind power generation project in the marine renewable energy power generation promotion area off the coast of Yuza Town, Yamagata Prefecture, under the Act on Promoting the Utilization of Sea Areas for the Development of Marine Renewable Energy Power Generation Facilities.
- In March 2025, the Company completed improvement work at the Shinmaruyama Power Station in conjunction with the construction of the Shinmaruyama Dam, a project led by the Ministry of Land, Infrastructure, Transport and Tourism. As a result, the station's output increased by 700 kW, bringing the total to 63,700 kW. The total output is expected to increase to 69,400 kW upon completion of the Shinmaruyama Dam, which is scheduled for fiscal 2036.

◆ Installed capacity in newly developed and commercially operated projects (completed construction) in renewable energy in Japan: Approximately 0.4 GW (as of the end of fiscal 2024)

Status of overseas business efforts

Our Group is participating in 12 overseas renewable energy projects with a total of 1.088 GW* share equivalent installed capacity. We signed a stock purchase agreement in fiscal 2024 for the Windanker Offshore Wind Farm Project in Germany. In addition, the Borkum Riffgrund 3 Offshore Wind Farm Project is currently under construction in preparation for the commercial operation. Following these projects, we will continue to promote and expand renewable energy sources.

* As of the end of March 2025 (excluding projects under development prior to construction)

Windanker Offshore Wind Farm Project

Borkum Riffgrund 3 Offshore Wind Farm Project

Performance data

Development and promotion of renewable energy in Japan (10,000 kW)

		FY 2022	FY 2023	FY 2024
Development and promotion of renewable energy	Projects commercially in operation (completed construction)	383.2	384.5	384.5
	Projects currently in progress	8.8	12.1	28.0
	Total installed capacity	392.1	396.6	412.5
• Solar power generation		18.8	19.0	19.0
• Wind power generation		2.4	2.4	2.4
• Hydropower generation		336.4	337.5	337.5
• Biomass power generation		25.7	25.7	25.7
• Geothermal power generation		0.0	0.0	0.0

Notes:
- The total figures may not match with breakdowns due to rounding of fractions.
- Figures include results from the Company and group companies (excluding Kansai Transmission and Distribution, Inc.)

Development and promotion of renewable energy outside Japan (10,000 kW)

		FY 2022	FY 2023	FY 2024
Development and promotion of renewable energy	Projects commercially in operation (completed construction)	94.8	105.6	105.6
	Projects currently in progress	14.0	3.2	3.2
	Total installed capacity	108.8	108.8	108.8
• Wind power generation		71.3	71.3	71.3
• Hydropower generation		37.5	37.5	37.5

Notes:
- The total figures may not match with breakdowns due to rounding of fractions.
- Figures include results from the Company and group companies (excluding Kansai Transmission and Distribution, Inc.)
- The share equivalent installed capacity of projects in the development stage are not included.