

Construction to Upgrade Minamiosumi Wind Farm Begins First Corporate PPA Signed by the J-POWER Group's Onshore Wind Power Business Department

J-Wind Co., Ltd., a wholly owned subsidiary of Electric Power Development Co., Ltd. (headquartered in Chuo-ku, Tokyo; President and CEO: Hitoshi Kanno; "J-POWER"), began construction to upgrade the Minamiosumi Wind Farm (Minamiosumi, Kagoshima Prefecture).

The Minamiosumi Wind Farm began commercial operation in March 2003 and ceased operations in January 2023, but the facility will now be upgraded with five of Japan's largest wind turbines (single-unit output of 4,300 kW). This is the fifth J-POWER Group site to undergo a wind power generation equipment upgrade.

The environmental value generated by this power plant will be provided to KDDI Corporation in the form of non-fossil fuel certificates for a period of 20 years through a virtual PPA scheme. ([January 30, 2025 Press Release: "KDDI and J-Power Signed Virtual PPA for Onshore Wind Farm"](#))

With the understanding and cooperation of local residents and other related parties, we will begin construction that will both preserve the environment and put safety first. Commercial operation is scheduled to begin in December 2027.

Based on its experience and track record operating wind power plants throughout Japan, the J-POWER Group is progressively upgrading equipment at aging power stations. We will continue working on the sustainable development and steady operation of renewable energy projects to achieve carbon neutrality as stated in [J-POWER BLUE MISSION 2050](#).



Minamiosumi Wind Farm (equipment before replacement; already removed)

■New Minamiosumi Wind Farm Overview

Location	Minamiosumi, Kagoshima Prefecture
Capacity	19,500 kW (rated output of 4,300 kW x 5*) * The total output for the power plant will be managed to not exceed 19,500 kW.
Schedule	Start of construction: March 2025 Start of commercial operation (planned): December 2027

■Operating Company

Name	J-Wind Co., Ltd.
Representative	Katsuya Toda, Representative Director
Location	6-15-1, Ginza, Chuo-ku, Tokyo, Japan
Capital	100 million yen (wholly owned subsidiary of J-POWER)

■Location Map



Attachment: List of the J-POWER Group's Wind Farms (Japan)

Attachment: J-POWER Group's Wind Farms

	Location	Name	Owned capacity (kW)	Capacity of each wind turbine (kW)	Number of wind turbine	Commencement of commercial operations
In operation (Japan)						
1	Hokkaido	New Sarakitomanai	14,850	4,300	4	2023/12
2	Hokkaido	New Tomamae	30,600	4,300	8	2023/10
3	Hokkaido	Ishikari Hachinosawa	14,700	4,200	5	2024/2
4	Hokkaido	New Shimamaki	4,300	4,300	1	2023/2
5	Hokkaido	Setana Seaside	12,000	2,000	6	2005/12
6	Hokkaido	Setana-Osato	50,000	3,200	16	2020/1
7	Hokkaido	Esashi	14,700	4,200	5	2023/2
8	Hokkaido	Kaminokuni	28,000	2,333 2,337	11 1	2014/3
9	Hokkaido	Kaminokuni No.2	41,532	4,300	10	2024/5
10	Aomori	Ohma	19,500	2,300	9	2016/5
11	Iwate	Green Power Kuzumaki	21,000	1,750	12	2003/12
12	Iwate	Kuzumaki No.2	44,600	2,000 2,100	16 6	2020/12
13	Akita	Yurihonjo Bayside	16,100	2,300	7	2017/1
14	Akita	Nikaho No.2	41,400	2,300	18	2020/1
15	Akita	New Nikaho Kogen	24,750	4,300	6	2024/3
16	Fukushima	Hiyama Kogen	28,000	2,000	14	2011/2
17	Fukushima	Koriyama-Nunobiki	65,980	2,000 1,980	32 1	2007/2
18	Shizuoka	Irozaki	34,000	2,000	17	2010/4
19	Aichi	Tahara	1,980	1,980	1	2004/3
20	Aichi	Tahara Bayside	22,000	2,000	11	2005/3
21	Fukui	Awara-Kitagata	20,000	2,000	10	2011/2
22	Ehime	Minami Ehime	28,500	2,400 2,300	9 3	2015/3 2016/4
23	Kumamoto	Aso-Oguni	8,500	1,700	5	2007/3
Japan's total (in operation)			586,992			
Under construction (Japan)						
24	Ehime	Minami Ehime No. 2	40,800	3,400 4,300	10 2	FY2027 (planned)
25	Fukuoka	Kitakyushu Hibikinada	88,000	9,600	25	FY2025 (planned)
26	Kagoshima	New Minamiosumi	19,500	4,300	5	FY2027 (planned)
Japan's total (in operation/under construction)			735,292			
In operation (overseas)						
27	United Kingdom	Triton Knoll	214,250	9,500	90	2022/4
Global total (in operation/under construction)			949,542			
Operation terminated and facility replacement in planning						
—	Kumamoto	Aso-Nishihara	17,500	1,750	10	Jan. 2023 operation terminated
—	Yamaguchi	Yokihinosato	4,500	1,500	3	Apr. 2024 operation terminated

Note:

1. Owned capacity based on J-POWER Group's interest ratio (e.g., Location: total capacity x interest ratio=owned capacity) Esashi: 21,000kWx70%=14,700kW

Ishikari Hachinosawa: 21,000kWx70%=14,700kW

Kitakyushu Hibikinada: 220,000kWx40%=88,000kW

Triton Knoll: 857,000kWx25%=214,250kW

2. The owned capacity at each site is based on licensing figures and might not always match the product of the individual unit's output times the number of units