

Kitakyushu Hibikinada Offshore Wind Farm Begins Operation

The Largest Offshore Wind Power Plant in Japan

Electric Power Development Co., Ltd. (J-POWER, headquartered in Chuo-ku, Tokyo; President and CEO: Hitoshi Kanno) announces that the Kitakyushu Hibikinada Offshore Wind Farm project in which it is a participant has commenced commercial operation today.

This project was awarded in February 2017 through the public tender conducted by Kitakyushu City for the Installation and Operation of the Hibikinada Offshore Wind Power Facility, in which a consortium including J-POWER was chosen to be the operator. Since then, surveys and preparations have been carried out through Hibiki Wind Energy Co., Ltd., and construction began in March 2023.

The wind farm consists of 25 large-scale wind turbines, each with an output of 9,600 kW, for a total output of 220 MW, making it the largest offshore wind power plant in Japan. The facility will continue power generation operations over the next 20 years.

Leveraging J-POWER's extensive experience and track record in operating wind power plants throughout Japan, the J-POWER Group will continue working toward the realization of carbon neutrality as set forth in [J-POWER "BLUE MISSION 2050"](#), promoting the sustainable development and stable operation of renewable energy businesses including wind power.

Outline of the Power Plant

Name of Farm	Kitakyushu Hibikinada Offshore Wind Farm
Location	Hibikinada Sea off the coast of Wakamatsu-ku, Kitakyushu, Fukuoka
Operator	Hibiki Wind Energy Co., Ltd.
Maximum Output	220 MW (88 MW owned by J-POWER)
Start of Construction	March 13, 2023
Start of Operation	March 2, 2026

Outline of Hibiki Wind Energy Co., Ltd.

Location	Wakamatsu-ku, Kitakyushu, Fukuoka
Established	April 17, 2017
Representative	Yutaka Mizumachi, Representative Director (Also President & CEO of Kyuden Mirai Energy Company, Incorporated)
Shareholders	Kyuden Mirai Energy Company, Incorporated, J-POWER, Hokutaku Co., Ltd., Saibu Gas Co., Ltd., Kraftia Corporation



Kitakyushu Hibikinada Offshore Wind Farm

(The highest point of the wind turbine blades is approximately 200m above sea level)

Location Map



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

Attachment: J-POWER Group's Wind Farms

	Location	Name	Owned capacity (kW)	Capacity of each wind turbine(k	Number of wind turbine	Commencement of commercial operations
In operation (Japan)						
1	Hokkaido	New Sarakitomanai	14,850	4,300	4	Dec. 2023
2	Hokkaido	New Tomamae	30,600	4,300	8	Oct. 2023
3	Hokkaido	Ishikari Hachinosawa	14,700	4,200	5	Mar. 2024
4	Hokkaido	New Shimamaki	4,300	4,300	1	Feb. 2023
5	Hokkaido	Setana Seaside	12,000	2,000	6	Dec. 2005
6	Hokkaido	Setana-Osato	50,000	3,200	16	Jan. 2020
7	Hokkaido	Esashi	14,700	4,200	5	Feb. 2023
8	Hokkaido	Kaminokuni	28,000	2,333 2,337	11 1	Mar. 2014
9	Hokkaido	Kaminokuni No.2	41,532	4,300	10	May. 2024
10	Aomori	Ohma	19,500	2,300	9	May 2016
11	Iwate	Green Power Kuzumaki	21,000	1,750	12	Dec. 2003
12	Iwate	Kuzumaki No.2	44,600	2,000 2,100	16 6	Dec. 2020
13	Akita	Yurihonjo Bayside	16,100	2,300	7	Jan. 2017
14	Akita	Nikaho No.2	41,400	2,300	18	Jan. 2020
15	Akita	New Nikaho Kogen	24,750	4,300	6	Mar. 2024
16	Fukushima	Hiyama Kogen	28,000	2,000	14	Feb. 2011
17	Fukushima	Koriyama-Nunobiki	65,980	2,000 1,980	32 1	Feb. 2007
18	Shizuoka	Irozaki	34,000	2,000	17	Apr. 2010
19	Aichi	Tahara Bayside	12,000	2,000	6	Mar. 2005
20	Fukui	Awara-Kitagata	20,000	2,000	10	Feb. 2011
21	Ehime	Minami Ehime	28,500	2,400 2,300	9 3	Mar. 2015 Apr. 2016
22	Kumamoto	Aso-Oguni	8,500	1,700	5	Mar. 2007
23	Fukuoka	Kitakyushu Hibikinada	88,000	9,600	25	Mar. 2026
Japan's total (in operation)			663,012			
Under construction (Japan)						
24	Hokkaido	Kaminokuni No.3	51,595	4,300	12	FY 2028 (planned)
25	Ehime	Minami Ehime No.2	40,800	3,400 4,300	10 2	FY 2027 (planned)
26	Kagoshima	Minami Osumi	19,500	4,300	5	FY 2027 (planned)
Japan's total (in operation/under construction)			774,907			
In operation (overseas)						
27	U.K.	Triton Knoll	214,250	9,500	90	Apr. 2022
Global total (in operation/under construction)			989,157			
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

*Owned capacity based on J-POWER Group's interest ratio (e.g., Location: total capacity x interest ratio=owned capacity)☒

Esashi: $21,000\text{kW} \times 70\% = 14,700\text{kW}$

Ishikari Hachinosawa: $21,000\text{kW} \times 70\% = 14,700\text{kW}$

Kitakyushu Hibikinada: $220,000\text{kW} \times 40\% = 88,000\text{kW}$

Triton Knoll: $857,000\text{kW} \times 25\% = 214,250\text{kW}$

*The owned capacity at each site is based on figures certified under the FIT program and might not always match the product of the individual unit's output times the number of units.