



News Release

December 18, 2023
Electric Power Development Co., Ltd.

New Sarakitomanai Wind Farm Begins Commercial Operation: Renovations Complete at J-POWER Group's Third Domestic Wind Power Site



New Sarakitomanai Wind Farm

J-Wind Co., Ltd., the wholly owned subsidiary of Electric Power Development Co., Ltd. (J-POWER, headquartered in Chuo-ku, Tokyo; President: Hitoshi Kanno) has completed renovations (facility upgrades) at the New Sarakitomanai Wind Farm located in Wakkanai City, Hokkaido. Commercial operations began on December 16, 2023.

Sarakitomanai Wind Farm first began operating in December 2001. The wind turbines were upgraded from nine (individual output: 1,650 kW) to four wind turbines (individual output: 4,300 kW). This wind farm, one of the largest in Japan, began operations under the new name: the New Sarakitomanai Wind Farm. We will continue to make effective use of wind resources due to favorable wind conditions throughout the year, while coexisting with the local community.

With the start of the New Sarakitomanai Wind Farm, J-POWER's wind power generation business segment has a total output of 766,192 kW in Japan from 29 sites (22 in operation, one being updated, four under construction, and one planning facility replacement). The total output of the nine sites in Hokkaido Prefecture in operation is now 210,682 kW.

Based on our experience and track record operating wind power plants throughout Japan, we are progressively updating older equipment. J-POWER Group will continue working on the sustainable development and steady operation of wind power generation and other renewable energy projects to achieve carbon neutrality, as stated in the J-POWER BLUE MISSION 2050 in February 2021.

1. Details

Name	New Sarakitomanai Wind Farm
Location	Wakkanai City, Hokkaido, Japan
Capacity	14,850 kW (made by Siemens Gamesa (rated output: 4,300 kW x four units))
Schedule	Start of construction: July 2021 Commercial operation: December 2023

2. Operating Company

Name	J-Wind Co., Ltd.
Location	Chuo-ku, Tokyo, Japan
Capital	100 million yen (wholly owned subsidiary of J-POWER)
Representative Director	Fumihiko Saito

3. Location



Attachment: List of 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	Yamaguchi	Yokihinosato	4,500	1,500	3	Nov. 2003
2	Iwate	Green Power Kuzumaki	21,000	1,750	12	Dec. 2003
3	Aichi	Tahara	1,980	1,980	1	Mar. 2004
4	Nagasaki	Nagasaki-Shikamachi	10,500	1,000	15	Feb. 2005
5	Aichi	Tahara Bayside	22,000	2,000	11	Mar. 2005
6	Hokkaido	Setana Seaside	12,000	2,000	6	Dec. 2005
7	Fukushima	Koriyama-Nunobiki	65,980	2,000 1,980	32 1	Feb. 2007
8	Kumamoto	Aso-Oguni	8,500	1,700	5	Mar. 2007
9	Shizuoka	Irozaki	34,000	2,000	17	Apr. 2010
10	Fukui	Awara-Kitagata	20,000	2,000	10	Feb. 2011
11	Fukushima	Hiyama Kogen	28,000	2,000	14	Feb. 2011
12	Hokkaido	Kaminokuni	28,000	2,333 2,337	11 1	Mar. 2014
13	Ehime	Minami Ehime	28,500	2,400 2,300	9 3	Mar. 2015 Apr. 2016
14	Aomori	Ohma	19,500	2,300	9	May 2016
15	Akita	Yurihonjo Bayside	16,100	2,300	7	Jan. 2017
16	Hokkaido	Setana-Osato	50,000	3,200	16	Jan. 2020
17	Akita	Nikaho No.2	41,400	2,300	18	Jan. 2020
18	Iwate	Kuzumaki No.2	44,600	2,000 2,100	16 6	Dec. 2020
19	Hokkaido	Esashi	14,700	4,200	5	Feb. 2023
20	Hokkaido	New Shimamaki	4,300	4,300	1	Feb. 2023
21	Hokkaido	New Tomamae	30,600	4,300	8	Oct. 2023
22	Hokkaido	New Sarakitomanai	14,850	4,300	4	Dec. 2023
Japan's total (in operation)			521,010			
Under facility replacement (in Japan)						
23	Akita	New Nikaho Kogen	24,750	4,300	6	FY 2023 (planned)
Japan's total (in operation/under facility replacement)			545,760			
Under construction (Japan)						
24	Hokkaido	Kaminokuni No.2	41,532	4,300	10	FY 2024 (planned)
25	Ehime	Minami Ehime No. 2	34,000	3,400	10	FY 2025 (planned)
26	Hokkaido	Ishikari Hachinosawa	14,700	4,200	5	FY 2023 (planned)
27	Fukuoka	Kitakyushu Hibikinada	88,000	9,600	25	FY 2025 (planned)
Japan's total (in operation/under construction, including facility replacement)			723,992			
In operation (overseas)						
28	U.K.	Triton Knoll	214,250	9,500	90	2022/4
Global total (in operation/under construction, including facility replacement)			938,242			

Operation terminated and facility replacement in planning						
–	Kumamoto	Aso-Nishihara	17,500	1,750	10	Jan. 2023 operation terminated
–	Kagoshima	Minami Osumi	24,700	1,300 1,300	9 10	Feb. 2023 operation terminated

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

Nagasaki-Shikamachi: $15,000\text{kW} \times 70\% = 10,500\text{kW}$

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