



News Release

March 28, 2024  
Electric Power Development Co., Ltd.

## New Nikaho Kogen Wind Farm Begins Commercial Operation

### Updating Work Completed at J-POWER Group's Fourth Wind Farm in Japan



New Nikaho Kogen Wind Farm

TOKYO, JAPAN, March 28, 2024—Electric Power Development Co., Ltd. (headquartered in Chuo-ku, Tokyo; president: Hitoshi Kanno; “J-POWER”) announced that the wholly-owned subsidiary, J-Wind Co., Ltd., today began commercial operation of the recently upgraded New Nikaho Kogen Wind Farm located in Nikaho City, Akita Prefecture.

The original Nikaho Kogen Wind Farm began operating in December 2001. The upgrade from 15 wind turbines (with individual unit output of 1,650 kW) to six wind turbines of one of the largest classes in Japan (with individual unit outputs of 4,300 kW) is now complete. The site started operation as the New Nikaho Kogen Wind Farm, and will continue to use the impressive wind resources in this location, which is blessed with favorable conditions throughout the year, while coexisting with the local community.

With the start of commercial operation at the New Nikaho Kogen Wind Farm, J-POWER's wind power generation business in Japan now spans 29 locations (24 in operation, three under construction, and two planning facility upgrades) with a total capacity of 766,192 kW (including the two locations set to be upgraded). The combined capacity of J-POWER's two wind farms in Nikaho City—the New Nikaho Kogen Wind Farm and the already operating Nikaho Daini Wind Farm—is 66,150 kW, with a total capacity of 82,250 kW across J-POWER's three locations in Akita Prefecture.

Based on extensive experience and a strong track record operating wind farms throughout Japan, the J-POWER Group is systematically updating facilities at aging sites. Going forward, we will continue to work on the sustainable development and steady operation of wind power generation and other renewable energy projects to achieve the carbon neutrality goal outlined in J-POWER BLUE MISSION 2050, announced in February 2021.

1. Details of the wind farm

Name	New Nikaho Kogen Wind Farm
Location	Nikaho City, Akita Prefecture, Japan
Capacity	24,750 kW (six wind turbines manufactured by Siemens Gamesa with a rated output of 4,300 kW each)
Schedule	September 2021: Start of construction March 2024: Start of commercial operation

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 (Director, Onshore Wind Power Business Department, Renewable Energy Division, J-POWER)

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
<b>In operation (Japan)</b>						
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
23	Hokkaido	Ishikari Hachinosawa	14,700	4,200	5	Mar. 2024
24	Akita	New Nikaho Kogen	24,750	4,300	6	Mar. 2024
<b>Japan's total (in operation)</b>			560,460			
<b>Under construction (Japan)</b>						
25	Hokkaido	Kaminokuni No.2	41,532	4,300	10	FY 2024 (planned)
26	Ehime	Minami Ehime No. 2	34,000	3,400	10	FY 2025 (planned)
27	Fukuoka	Kitakyushu Hibikinada	88,000	9,600	25	FY 2025 (planned)
<b>Japan's total (in operation/under construction)</b>			723,992			
<b>In operation (overseas)</b>						
28	U.K.	Triton Knoll	214,250	9,500	90	2022/4
<b>Global total (in operation/under construction)</b>			938,242			
<b>Operation terminated and facility replacement in planning</b>						
-	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:  $857,000\text{kW} \times 25\% = 214,250\text{kW}$

\*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.