

July 27, 2021

Electric Power Development Co., Ltd. (J-POWER)

Renewal Works of Sarakitomanai Windfarm Have Started
The third renewal project for J-POWER Group's domestic wind power

Electric Power Development Co., Ltd. (hereafter "J-POWER") announces that J-Wind Co., Ltd., a wholly owned subsidiary of J-POWER, has begun renewal works at Sarakitomanai Windfarm in Hokkaido, Japan.

This project is the third renewal project for J-POWER Group's wind power business following Shimamaki Windfarm which has been under renewal works since May 2021.

Sarakitomanai Windfarm had been in commercial operation for 20 years since December 2001. In this renewal project, nine existing aged wind turbines, of which capacity is 1,650kW for each, will be replaced with four 4,300kW wind turbines, which stands at the largest level in Japan.

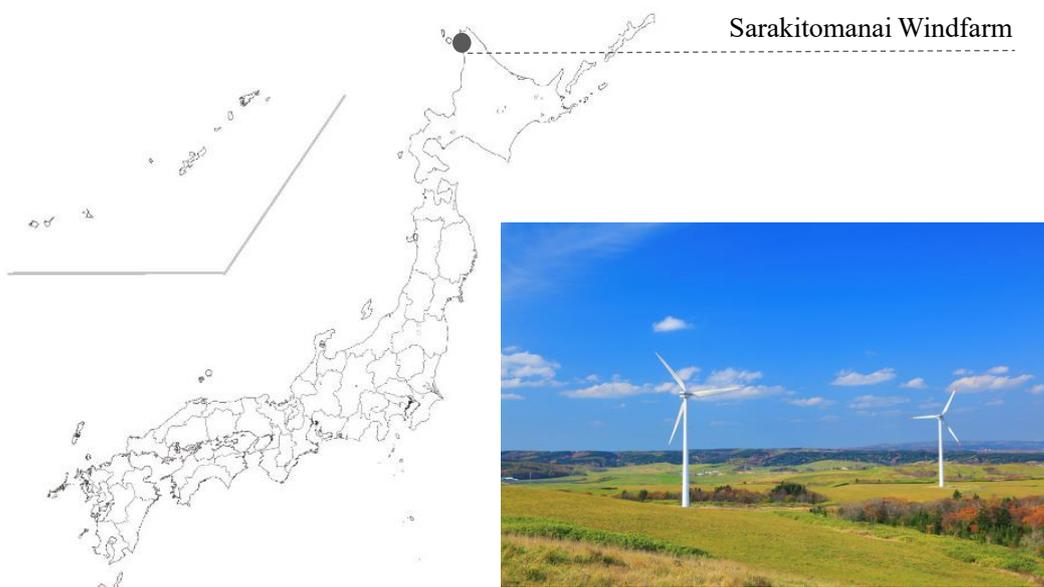
After its planned commercial operations in January 2024, the high performance of the cutting-edge large-scale wind turbine is expected to enable utilizing the wind resources at the site as much as possible.

J-POWER Group continues initiatives to replace aged wind turbines all over Japan in order to achieve sustainable development of renewable energy and stable operations.

1. Overview of the windfarm

Name	New Sarakitomanai Windfarm	
Location	Wakkanai city, Hokkaido, Japan	
Capacity	14,850kW (Siemens Gamesa 4,300kW turbine x 4)	
Schedule	July 2021	Commencement of construction
	January 2024	Commencement of commercial Operations (planned)

2. Location map



Current status of the windfarm

As of July 27, 2021

Appendix: J-POWER Group's windfarms

	Location	Name	Capacity (kW)	Capacity of each wind turbine (kW)	Number of wind turbine	Commencement of commercial operations
In operation (Japan)						
1	Akita	Nikaho Kogen	24,750	1,650	15	Dec. 2001
2	Hokkaido	Saraki Tomanai Wind Farm	14,850	1,650	9	Dec. 2001
3	Tokyo	Tokyo Bayside	1,700	850	2	Mar. 2003
4	Kagoshima	Minami Oosumi	24,700	1,300 1,300	9 10	Mar. 2003 (Neshiko) Mar. 2004 (Sata)
5	Yamaguchi	Yokihi no Sato Wind Park	4,500	1,500	3	Nov. 2003
6	Iwate	Green Power Kuzumaki	21,000	1,750	12	Dec. 2003
7	Aichi	Tahara	1,980	1,980	1	Mar. 2004
8	Nagasaki	Nagasaki-Shikamachi Wind Farm	10,500	1,000	15	Feb. 2005
9	Kumamoto	Aso-Nishihara Wind Farm	17,500	1,750	10	Feb. 2005
10	Aichi	Tahara Bayside	22,000	2,000	11	Mar. 2005
11	Hokkaido	Setana Seaside	12,000	2,000	6	Dec. 2005
12	Fukushima	Koriyama-Nunobiki	65,980	2,000 1,980	32 1	Feb. 2007
13	Kumamoto	Aso-Oguni Wind Farm	8,500	1,700	5	Mar. 2007
14	Shizuoka	Irouzaki	34,000	2,000	17	Apr. 2010
15	Fukui	Awara-Kitagata	20,000	2,000	10	Feb. 2011
16	Fukushima	Hiyama Kogen	28,000	2,000	14	Feb. 2011
17	Hokkaido	Kaminokuni Wind Farm	28,000	2,333 2,337	11 1	Mar. 2014
18	Ehime	Minami Ehime	28,500	2,400 2,300	9 3	Mar. 2015 Apr. 2016
19	Aomori	Ohma Wind Farm	19,500	2,300	9	May 2016
20	Akita	Yurihonjo Bayside	16,100	2,300	7	Jan. 2017
21	Hokkaido	Setana-Osato	50,000	3,200	16	Jan. 2020
22	Akita	Nikaho No.2	41,400	2,300	18	Jan. 2020
23	Iwate	Kuzumaki No.2	44,600	2,000 2,100	16 6	Dec. 2020
Japan total (in operation)			540,060			
Under construction (Japan)						
24	Hokkaido	Kaminokuni No.2	41,532	4,300	10	FY 2022 (planned)
Japan total (in operation/under construction)			581,592			
Under construction (Renewal)						
25	Hokkaido	New Tomamae Winvilla	30,600	4,300	8	FY2022 (planned)
26	Hokkaido	New Shimamaki	4,300	4,300	1	2022 (planned)
Japan total (in operation/under construction includes renewal)			616,492			
Under construction (overseas)						
27	U.K.	Triton Knoll	214,250	9,500	90	2021 (planned)
Global total (in operation/under construction)			830,742			

*Sarakitomanai Windfarm continues to operate in commercial operation until February 2022 though it started renewal works.

* As for Nagasaki-Shikamachi Wind Farm, total capacity is 15,000kW while owned capacity is 10,500kW as J-POWER Group's interest is 70%

* As for Triton Knoll, total capacity is 857MW while owned capacity is 214,250kW as J-POWER Group's interest is 25%