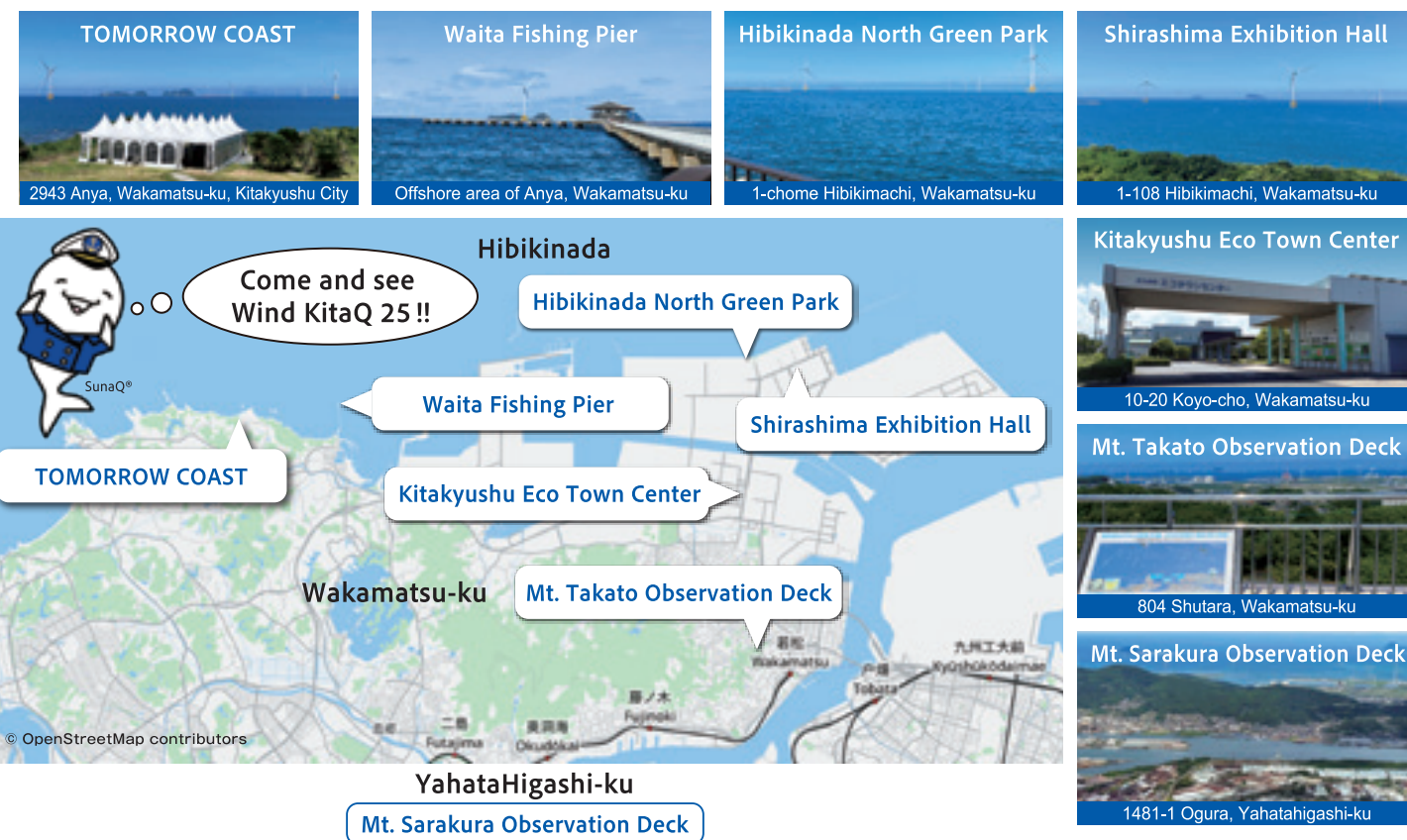


Kitakyushu Hibikinada Offshore Wind Farm – View Spots

This map highlights several viewpoints offering panoramic views of one of Japan's few offshore wind farms, featuring 25 large-scale offshore wind turbines. Enjoy the spectacular sight of the turbines dynamically rotating in the strong winds of the Hibikinada Sea.



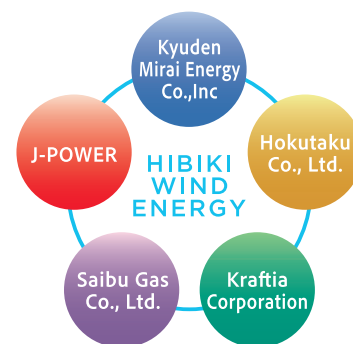
Base Port for WTG Pre-assembly and Installation

Base Port is a port facility specialized for the installation and maintenance of offshore wind farm projects. Its official designation is "Port for Offshore Renewable Energy Power Generation Facilities." The construction of offshore wind farm requires the quayside and working yard with sufficient load-bearing capacity and space to handle large and heavy components for pre-assembly. At the Base Port, WTG components are received and pre-assembled, then loaded onto SEP vessel, which sails from the quayside to the offshore turbine installation sites.

※In September 2024, the Base Port Lease Agreement for the Kitakyushu Port Offshore Renewable Energy Power Generation Facilities Handling Wharf (Base Port) was concluded, in accordance with the Port and Harbor Act, with the Kyushu Regional Development Bureau of the Ministry of Land, Infrastructure, Transport and Tourism (MLIT) and Kitakyushu City.

About Hibiki Wind Energy

Hibiki Wind Energy Co., Ltd. is a developing and operating company comprising five shareholding companies: Kyuden Mirai Energy Co., Inc., Electric Power Development Co., Ltd. (J-Power), Hokutaku Co., Ltd., Saibu Gas Co., Ltd. and Kraftia Corporation. We develop, operate and maintain the wind farm towards the "Offshore Wind Farm Moving Forward with the Community."



Shareholders and Composition Ratio

30% (Kyuden Mirai Energy Co., Inc.) 40% (Electric Power Development Co., Ltd.)
10% (Hokutaku Co., Ltd.) 10% (Saibu Gas Co., Ltd.) 10% (Kraftia Corporation)

Hibiki Wind Energy Co., Ltd.

〒808-0021 1-122-16, Hibikimachi, Wakamatsu-ku, Kitakyushu, Japan
Phone / +81-93-981-4362 FAX / +81-93-981-4738

For further information on Wind KitaQ 25, please visit our website.

<https://hibikiwindenergy.co.jp>



HIBIKI WIND ENERGY



Offshore Wind Farm Moving Forward with the Community.



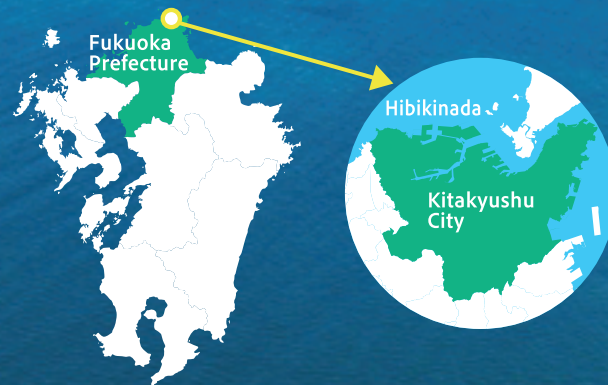
Overview Video Now Available



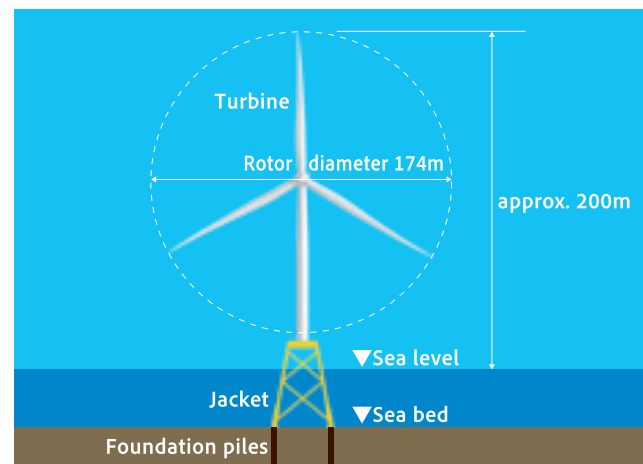
The nickname "Wind KitaQ 25" was chosen from public proposals, reflecting the sentiments of the project team.

Kitakyushu Hibikinada Offshore Wind Farm

Located in the Hibikinada Sea off the coast of Wakamatsu-ku, Kitakyushu, within an area of 1-10km from north to south and 11 km from east to west. The wind farm consists of 25 large wind turbines with the unit capacity of 9,600kW and its maximum total output is 220,000kW with operating over 20 years. The Kitakyushu Hibikinada Offshore Wind Farm is the largest offshore wind farm in Japan as of its completion in terms of the generating output power scale.

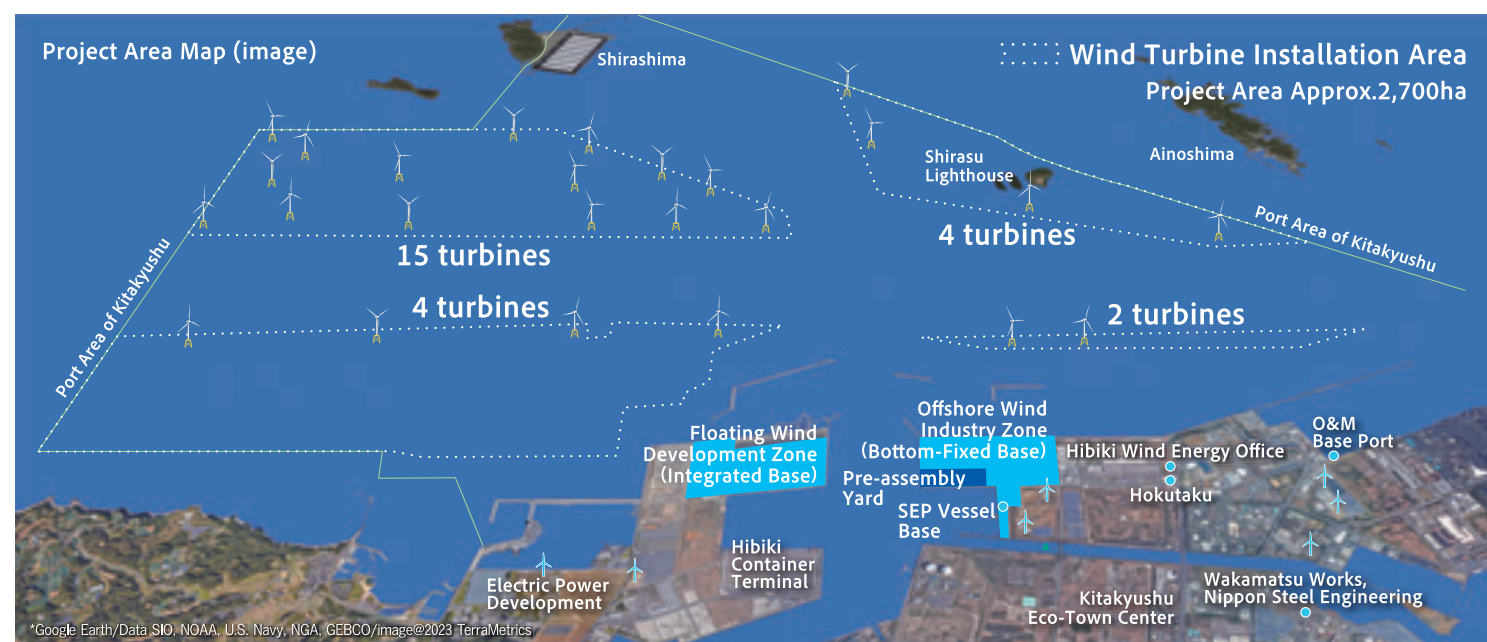


Size of Wind Turbine



Basic Data

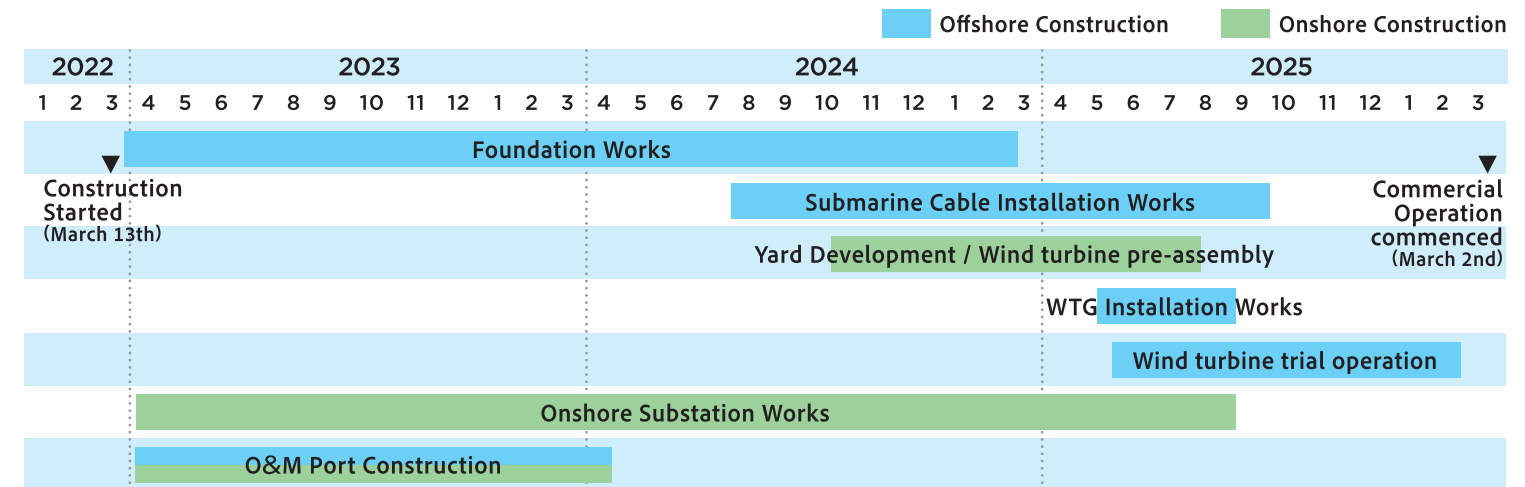
Name of Farm		Kitakyushu Hibikinada Offshore Wind Farm The nickname “Wind KitaQ 25”
Project Area		Approx.2,700ha
Water Depth		Approx.8~30m
Maximum Total Output		220,000kW
Expected Annual Generations		500GWh (enough to power 170,000 households)
WTG	Unit Capacity × No.of WTGs	9,600kW×25
	Rotor Diameter	174m
	Height (Tip Top)	Approx.200m above sea-level
Type of Foundation		Jacket Type (Fixed Bottom)



Construction Schedule



Construction started in March 2023, followed by offshore foundation works, Submarine cable installation, and WTG installation. Commercial Operation commenced in March 2026. The project also includes the constructions of onshore substations and an O&M base port essential for long-term secure operation and maintenance.



Foundation Works (Pile Installation)



Foundation piles were installed into the seabed by using pile-driving vessels and SEP* vessels. Three different pile installation methods were employed to suit local seabed and geological conditions.

Foundation Works (Jacket Installation)



The jacket was lifted by a heavy-lift crane vessel and transported offshore to the installation site. It was then installed and secured onto the pre-installed foundation piles.

Submarine Cable Installation Works



Offshore cables connecting the wind turbines and the onshore substation were laid on the seabed by pulling out the cables from installation vessels. Submarine cables were then buried by using specialized equipment to ensure protection and long-term stability.

WTG Installation Works



At the Pre-assembly Yard, WTG components were pre-assembled and three sets of components were loaded onto the SEP vessel. The vessel then sailed to the installation site, where the tower, nacelle, and blades were installed in sequence on top of the foundation by using the SEP's crane.

Onshore Substation



Generated electricity from the offshore wind turbines is transmitted via Submarine cables to Onshore Substation, where the voltage is transformed and adjusted before being delivered to the power grid through transmission lines.

CTV (Crew Transfer Vessel)

Crew Transfer Vessels (CTV) - "PORTCAT Hibiki" and "JCAT Hibiki II" - are operated to safely and efficiently transport personnel working for the operation and maintenance of the offshore wind farm.

Sailing speed: approx. 26 knots (approx. 48 km/h)



PORTCAT Hibiki



O&M Base Port