

Iles d'Yeu and Noirmoutier offshore wind farm's electrical substation sails away

Saint Nazaire, le 2 mai 2024, The offshore substation of Eoliennes en Mer Iles d'Yeu et de Noirmoutier wind farm, project developed by Ocean Winds (an ENGIE and EDPR joint-venture), is ready to be installed at sea. The success of the design, manufacturing and integration phases of the offshore electrical substation was celebrated in the presence of Bruno Le Maire, Minister of the Economy, Finance and Industrial and Digital Sovereignty, Roland Lescure, Minister Delegate in charge of Industry and Energy, Catherine MacGregor, Executive Director of ENGIE, and Laurent Castaing, General Director of Chantiers de l'Atlantique.

Nerve centre of the wind farm, equipped with transformers, the topside main function is to collect the electricity produced by the wind turbines, raise the voltage and transfer it to the onshore connection substation where it is then injected into the onshore grid. The topside is also where all the data relating to the operation of the offshore wind farm circulates, transferred to the coast in order to ensure the operation of the wind farm remotely. Everything is automated and secure, so that reliable control and connection are guaranteed.

It weighs around 2500 tons and measures 39 meters long, 25,5 wide and 18 high. Its supply requires a total of approximately 600,000 hours of work. It was realized by Atlantique Offshore Energy, Chantiers de l'Atlantique business unit dedicated to Marine Renewable Energy.

The substation will leave Saint-Nazaire in June to be installed off the islands of Yeu and Noirmoutier, on the offshore site of the EMYM offshore wind farm.

The wind farm developed by Ocean Winds company, with its subsidiary Eoliennes en Mer Iles d'Yeu et de Noirmoutier, representing a €2.5 billion investment. Its construction and offshore installation phase has begun in summer 2023. With its 61 wind turbines, of 8 MW capacity each, for a total installed capacity of nearly 500 MW, the offshore wind farm will produce around 1900 GWh per year, equivalent to the annual electricity consumption of 800,000 people. It is scheduled to be commissioned in 2025.

"This substation topside, built in 24 months, once again demonstrates Chantiers de l'Atlantique's ability to successfully carry out turnkey projects for the construction and installation of offshore electrical substations. We thank all our workers and co-makers which work with passion to meeting the unavoidable challenge of Europe's energy transition" said Frédéric Grizaud, Director of Atlantique Offshore Energy.

Catherine MacGregor, ENGIE's Executive Director, said *"At ENGIE, we are delighted with this new milestone, which marks concrete progress in the construction of the Eoliennes en Mer Îles d'Yeu et de Noirmoutier project. Today's gathering of the local players involved testifies to the territorial roots of the project, which contributes to employment and generates economic spin-offs, while developing our energy sovereignty. Thanks to its coastline, France has exceptional potential for offshore wind energy. ENGIE, with the expertise of Ocean Winds, is determined to accelerate its development."*

About Chantiers de l'Atlantique

Thanks to the expertise of its teams and its network of subcontractors, combined with a first-rate industrial tool, Chantiers de l'Atlantique is a key leader in the design, integration, testing and turnkey delivery of cruise ships, military vessels, electrical substations for offshore wind farms and fleet services. The company is deeply inside tomorrow's challenges, offering today vessels whose environmental performance exceeds the most stringent standards, as well as equipment for offshore wind that makes it a major player in the energy transition.

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About Eoliennes en Mer Îles d'Yeu et de Noirmoutier

The company Eoliennes en mer Îles d'Yeu et de Noirmoutier was named in June 2014 the winner of the call for tenders for the design, installation and operation of an offshore wind farm off the coast of Vendée. EMYN is a subsidiary of Ocean Winds (joint venture dedicated to offshore wind created by Engie and EDPR), in which Sumitomo Corporation, Banque des Territoires and Vendée Energie have stakes : Ocean Winds 60.25%, Sumitomo Corporation 29.5%, Banque des Territoires 9.75%, Vendée Energie 0.5%. At a time of collective struggle against climate change, this project represents a tangible commitment to the success of the energy transition in France and contributes on its scale to the preservation of the planet.

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About Ocean Winds (OW)

Ocean Winds (OW) is an international company dedicated to offshore wind energy and created as a 50-50 joint venture, owned by EDP Renewables and ENGIE. Based on our belief that offshore wind energy is an essential part of the global energy transition, we develop, finance, build and operate offshore wind farm projects all around the world.

When EDPR and ENGIE combined their offshore wind assets and project pipeline to create OW in 2019, the company had a total of 1.5 GW under construction and 4.0 GW under development. OW has been adding rapidly to that portfolio and is now on a trajectory to reach the 2025 target of 5 to 7 GW of projects in operation, or construction, and 5 to 10 GW under advanced development. Currently, OW's offshore wind gross capacity already operating, in construction or with advanced development rights granted has reached around 18 GW.

www.oceanwinds.com

About Ocean Winds in France

In France, Ocean Winds holds three offshore wind farms under construction, representing more than 1 GW and enough clean energy to power 1.7 million homes:

- EFLG (Les Éoliennes Flottantes du Golfe du Lion): a floating pilot project currently under construction, in the Mediterranean, in the Gulf of Lion, with a capacity of 30 MW.
- Dieppe Le Tréport: around 500 MW, fixed bottom (jackets); FID reached in April 2023; under construction.
- îles d'Yeu - Noirmoutier, around 500 MW, fixed bottom (monopiles); FID reached in April 2023; under construction.

OW is also actively responding to ongoing calls for tenders to expand its footprint and its commitment to helping France meet its climate goals.

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À propos d'ENGIE

ENGIE is a global reference in low-carbon energy and services. With its 97,000 employees, clients, partners and stakeholders, the Group strives every day to accelerate the transition towards a carbon-neutral economy, through reduced energy consumption and more environmentally friendly solutions. Inspired by its purpose statement, ENGIE reconciles economic performance with a positive impact on people and the planet, building on its key businesses (gas, renewable energy, services) to offer competitive solutions to its clients.

Turnover in 2023: €82.6 billion. The Group is listed on the Paris and Brussels stock exchanges (ENGI) and is represented in the main financial indices (CAC 40, Euronext 100, FTSE Euro 100, MSCI Europe) and non-financial indices (DJSI World, Euronext Vigeo Eiris - Europe 120 / France 20, MSCI EMU ESG screened, MSCI EUROPE ESG Universal Select, Stoxx Europe 600 ESG-X).

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About La Banque des Territoires

Created in 2018, Banque des Territoires is one of the five business lines of Caisse des Dépôts. It brings together in-house expertise for the territories in a single structure. As a one top-shop for her clients, it offers tailor-made loan and investment advisory and financing solutions to meet the needs of local authorities, social housing organisations, local public companies and the legal professions. Her interest goes for all territories, from rural areas to metropolises, with the ambition of fighting against social inequalities and territorial divides. Banque des Territoires is deployed through Caisse des Dépôts, in 16 regional offices and 36 territorial offices in order to get

clearly identified with its customers and as close as possible to them. For more attractive, inclusive, sustainable and connected territories.

Further informations : www.banquedesterritoires.fr

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About de Sumitomo Corporation

Sumitomo Corporation (TYO: 8053) is an integrated trading company with a strong global network comprising 129 offices in 66 countries and regions. The Sumitomo Corporation Group consists of approximately 900 companies and 80,000 employees on a consolidated basis. The Group's business activities are spread across the following nine groups: Steel, Automotive, Transportation & Construction Systems, Diverse Urban Development, Media & Digital, Lifestyle Business, Mineral Resources, Chemicals Solutions and Energy Transformation Business. Sumitomo Corporation is committed to creating greater value for society under the corporate message of "Enriching lives and the world," based on Sumitomo's business philosophy passed down for over 400 years. Sumitomo Corporation. For more information, please visit the Sumitomo Corporation home page at the following link www.sumitomocorp.com.

For more information: <https://www.sumitomocorp.com/en/jp>

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About Vendée Energie

Vendée Energie is a semi-public company (SEM) for the production and distribution of renewable energies (wind, photovoltaic, anaerobic digestion) created by the Syndicat Départemental d'Énergie et d'Équipement de la Vendée (SYDEV). Vendée Energie acts as a regional planner to develop, build and operate renewable energy production sites on behalf of local authorities in the Vendée region.

Vendée Energie has also diversified its activity into the production and distribution of green hydrogen and BioNGV and is continuing its work to integrate renewable energies into smart grids. It operates a network of 7 BioNGV refuelling stations and three green hydrogen station in the department.

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