

PRESS RELEASE

Paris, 8 October 2020

Offshore wind energy: Naval Energies' floater Design Basis for floating wind farm and design methods certified by DNV GL

Naval Energies' floater Design Basis applicable for the Groix & Belle-Ile wind farm and calculation and design methods applicable for Naval Energies' floaters in general is now certified by DNV GL, a world-class certification body particularly involved in renewable energies and offshore wind energy in particular.

Obtaining this demanding certification demonstrates that Naval Energies' calculation and design methods are applicable for the company's semi-submersible floater technology and are aligned with DNV GL's floating wind standard and recommended practice. The detailed assessment carried out by DNV GL's experts focused on the overall calculation methods related to hydrodynamics, structure, anchoring and tank test campaigns. It resulted in an approval, documented in a certification report, of the calculation and design methods applicable for Naval Energies' semi-submersible floater. This certification shows that Naval Energies' calculation and design methods are applicable for the company's current and future floating wind projects.

Laurent Schneider-Maunoury, President of Naval Energies, said: "Our objective is to produce, for the pilot farm of Groix & Belle-Île, of which we are partners, but also for future commercial farms in France and worldwide, a floater with the highest standards combining quality, durability and of course technical and economic performance. This certification, issued by an independent body that is an expert in our sector, is a major step forward. By providing proof of the robustness of our calculation and design methods, it brings certainty and therefore confidence to our current and future customers, an essential prerequisite for the industrial and commercial development we are aiming for. »

As a key player in the new and innovative offshore wind energy market, Naval Energies is defining today the technologies of tomorrow. The DNV GL certification of design basis and design methods is the first step towards confirmation of the overall technical safety of Naval Energies' floating wind technology. Combining simplicity and robustness, our floater is designed to withstand extreme weather and climate conditions at sea, over long periods of time. The simplicity of our concept also allows us to optimise investment and operating costs, with the aim of developing a real, safe and competitive floating wind turbine market.



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About Naval Energies

Naval Energies is a leader in marine renewable energies. Naval Energies develops renewable and decarbonised electricity generation systems and sub-systems based on two different sources of marine energy — offshore winds and the thermal potential of tropical seas. We are present throughout the product lifecycle and master the entire value chain: design, construction, installation and maintenance, both at sea and in coastal areas. All over the world, we contribute to the development of alternative, renewable and environmentally friendly energy produced by the most powerful source possible: the sea.

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