

Media Release

FPS Engineering & Technology Secures ARPA-E Contract for Floating Offshore Wind.

HOUSTON, September 24, 2020 – FPS Engineering & Technology, LLC, a newly formed engineering and technology company based out of Houston, Texas, recently received funding from the U.S. Department of Energy’s Advanced Research Project Agency–Energy, (ARPA-E), for hull design, analysis and optimization of the ARCUS Vertical- Axis Wind Turbine (VAWT) in support of Sandia National Laboratories. The funding is part of an award under ARPA-E’s Aerodynamic Turbines Lighter and Afloat with Nautical Technologies and Integrated Servo-control (ATLANTIS) program.

The objective of the ARCUS project is to develop an efficient coupled floating wind design in which the generator is placed below a vertical rotor. The design eliminates the need for offshore heavy lifting vessels to install, maintain, and decommission the facility, and has the potential to reduce CAPEX and OPEX over the project’s life. The project will continue till Mid 2022.

ABS is a member of this consortium providing independent verification of the analysis as well as design review for compliance with the ABS Guide for Building and Classing Floating Offshore Wind Turbines.

“ABS has a long track record in supporting offshore wind projects and is pleased to be involved in the verification of this novel design,” said Matthew Tremblay, ABS Senior Vice President of Global Offshore Markets.

Mr. T K Das, President of FPS Engineering and Technology said, “We are pleased to work with DOE and ARPA-E on this ATLANTIS project. We are thankful that Sandia National Laboratories and ABS value our expertise, knowledge, and experience as designer of floating platforms, and are eager to continue working as their partner on this important renewable energy project. It is also a testament to the reputation and track record of our team as a leading design and engineering team in floating production systems. We look forward to contributing to the success of this project and leveraging our capabilities in deep-water products to support oil & gas and renewable energy industries.”

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About FPS Engineering & Technology, LLC

FPS Engineering & Technology, LLC, is offering floating production systems solutions to the offshore oil & gas and renewable energy industries. FPS offers a full suite of floating productions systems solutions including Tension Leg Platform (TLP), Production Semisubmersible (Semi) and Spar technology. FPS is uniquely positioned with technical experts to provide state-of-the art, unbiased solutions to Offshore Oil & Gas and Floating Wind. For more information, please visit www.fpset.com

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