

Keystone Engineering Forges a Partnership with JBO

A partnership to consolidate the best of the European and American offshore wind design expertise.

Keystone Engineering Inc. (Keystone) and Jörss-Blunck-Ordemann GmbH (JBO) announced today the companies have entered a strategic partnership to jointly provide the most cost-efficient offshore windfarm designs that are tailor-made to the nascent US offshore wind industry.

As the offshore wind industry in the US gains more momentum, it is becoming more apparent that the US industry poses significant differences in key areas of design compared to other parts of the world. The Keystone and JBO partnership enables the design of the most successful offshore windfarms that combines the European advancements of the last two decades with the experience and local knowledge of American design codes, offshore environmental loads, supply chain, and federal and state regulations all while being performed under the direct supervision of licensed Professional Engineers.

“Keystone is a pioneer design firm and a leader in US offshore wind for the last 15 years and the partnership with our colleagues at JBO magnifies our commitment to advance this industry in the US. This collaboration is a significant step towards expanding our service offerings to the US offshore wind developers and paving the way to creating a sustainable industry in the US.”, said Adam Rogge, Keystone’s CEO.

With this new partnership, Keystone and JBO will provide a unique set of technical services that utilizes an American and European team with a significant proven track record of involvement in over 40GW of offshore wind energy development. Together, we are poised to deliver the most competitive, adaptive, and optimized design combining the best of both the European and American practices.

“JBO has been active in developing European and Asian offshore wind farms since its early start. Together with Keystone, we adapted the holistic design approach, in which all design activities can be performed in-house. Offering the combined experience of both companies is our way of supporting the sustainable development of the offshore wind energy sector in the US.”, Said Walid Al Otaibi, Director of Offshore at JBO.

About Keystone

Keystone has provided multi-discipline engineering and design support for the energy sector for over 30 years and projects ranging anywhere from \$10,000 to over \$1B in total installed cost. With nearly 450 staff and more than 65 licensed professional engineers across its 7 offices in the US, Keystone provides design expertise in all energy aspects. Keystone designed the substructures for the first offshore wind farm in the US and has a proven record of supporting US offshore wind clients – from the structural concept design through detailed design, fabrication, installation, inspection, and monitoring. Keystone's extensive experience in the offshore wind industry and US supply chain are crucial to providing implementable and novel solutions to clients throughout the full lifecycle of offshore wind structures.

About JBO

JBO is an engineering consultancy in the civil engineering industry with over six decades of history. JBO's experience in offshore wind energy extends from outline design/ feasibility through basic and detailed design to operation and lifetime extension.

Offshore wind is the youngest department at JBO, founded in 2014. Nevertheless, the staff working in this area have many years of professional experience. JBO is committed to providing engineering consultancy and guidance through all project phases to meet the expectations of its partners. With the interaction of structural design, geotechnical design, and load simulation departments in a holistic design approach, JBO can deliver projects faster, more economical, and with outstanding quality to our clients using unique in-house software.

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