

FOR IMMEDIATE RELEASE

Burns & McDonnell Selected to Provide EPC Services for Critical Substation Project for New Jersey Offshore Wind Energy Development

MORRISTOWN, New Jersey — [Burns & McDonnell](#) has been selected by [Mid-Atlantic Offshore Development](#) (MAOD), a joint venture partnership between Shell New Energies U.S., LLC and EDF Renewables North America, to provide a comprehensive portfolio of engineer-procure-construct (EPC) services along with commissioning for the Larrabee Collector Station, a 500/230kV onshore electrical substation planned for Monmouth County, New Jersey. The New Jersey Board of Public Utilities selected the Larrabee Collector Station in 2022 as part of the Larrabee Tri-Collector Solution, which was jointly submitted by MAOD and Jersey Central Power and Light for the state's inaugural offshore wind coordinated transmission effort, utilizing PJM's State Agreement Approach. The project will be a critical element of the power infrastructure needed to support the State of New Jersey's goal of 11,000 megawatts of offshore wind energy by 2040.

"The offshore wind power we need for a clean energy future would not be possible without coordinated transmission solutions like the Larrabee Collector Station," says Chris Sternhagen, Director of Development at MAOD. "As a national leader in EPC contracting for the Transmission and Distribution sector, we're confident that Burns & McDonnell has the resources, local knowledge and dedication to make this critical project a reality."

The air-insulated substation will include a 230kV three-bay breaker-and-a-half configuration yard and a 500kV bay with four single-phase 500/230kV autotransformers. Among the project elements are site-preparation to accommodate four planned high-voltage direct current (HVDC) converters needed for the [offshore wind](#) projects interconnection.

The Larrabee Collector Station will be capable of collecting and integrating 3,742 megawatts of electricity onto the bulk electric grid. Once operational, the substation will function as a single,

onshore point-of-interconnection for electricity generated from offshore New Jersey wind energy areas.

Engineering and procurement of certain long-lead components are underway. Construction of the project is expected to be complete by year-end 2027. More than 100 local jobs will be created during construction, with the majority being from local unions.

“We’re pleased and proud to have earned the confidence and trust of MAOD to safely deliver this important project,” says Jason Cabral, vice president, construction for the Northeast Region at Burns & McDonnell. “We’re excited to be a catalyst to unlock the offshore wind potential in New Jersey while bringing high paying jobs to the state.”

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About Burns & McDonnell

Working from more than 75 offices around the world, Burns & McDonnell designs and builds critical infrastructure. Our family of companies — driven by engineers, construction professionals, architects, planners, technologists and scientists — delivers projects grounded in safety and a desire to make a difference as we make our clients successful. Founded in 1898, Burns & McDonnell is 100% employee-owned. [Learn more.](#)