

OFFSHORE ENERGY

WE DO THAT ... & MORE

CAPABILITIES

We have the resources and expertise to provide turnkey engineering and execution packages from inter-array cables through connection to the existing power grid

Michels is an international energy and infrastructure contractor with a reputation for succeeding on the most challenging projects. We have the experience, capabilities, capacity and equipment required to deliver critical offshore energy facilities and related projects. Our in-house design and engineering staff works to ensure the development of technically sound solutions. Our project management and field teams believe safety, quality and reliability are fundamental to all project plans.

SERVICES

Trenchless

- Direct Pipe®
- Horizontal directional drilling (HDD)
- Microtunneling
- Auger boring

Marine

- Diving (construction and maintenance)
- Dredging and ballast placement
- Vessel, barge and crew support
- Surveys and inspections
- Cable laying and pull-in
- Operational and maintenance support

Electrical

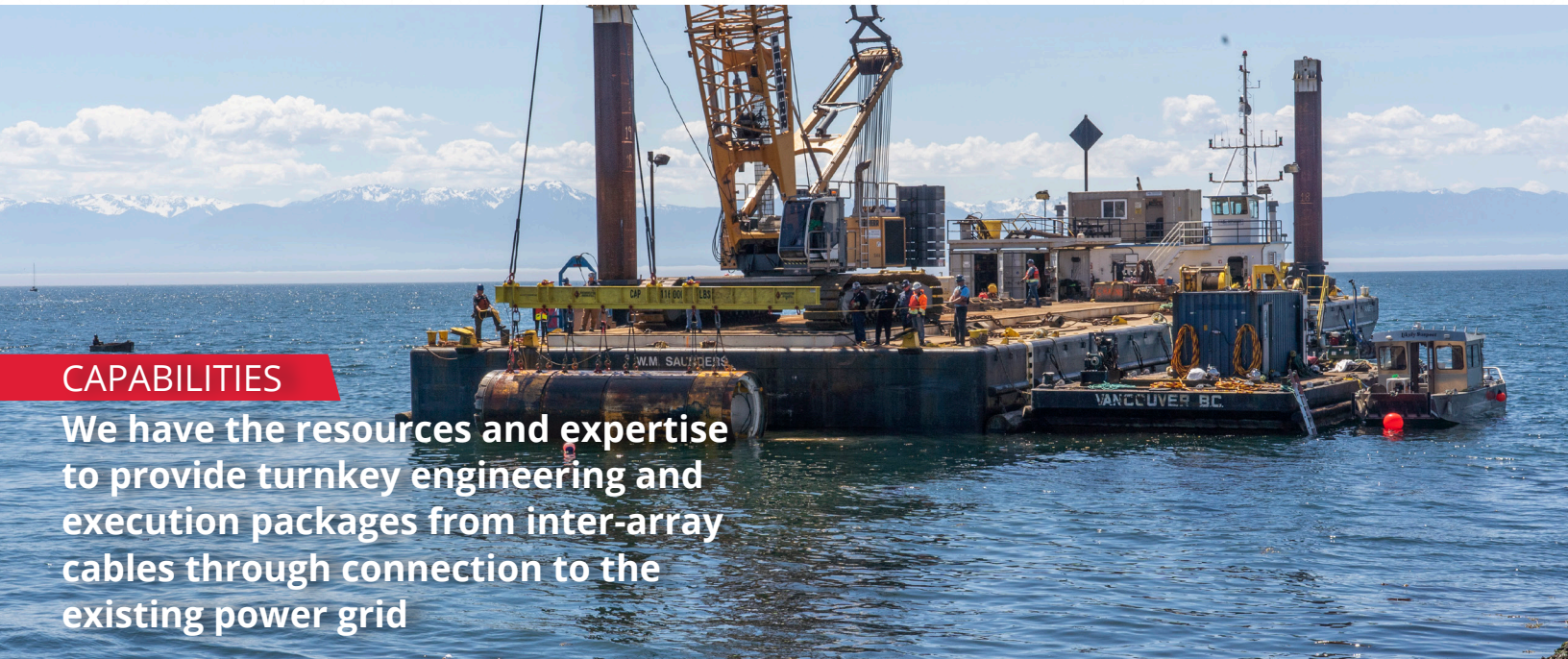
- Subsea and underground transmission and distribution lines
- Tie-ins
- Substation and vault construction
- Duct banks

Engineering

- Alternative delivery contracting
- Trenchless design
- Stamped drawings
- Permitting
- Construction monitoring

Offshore Scopes of Work

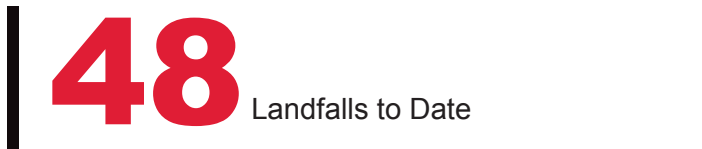
- Inter-Array Cable (IAC) pull-in operations
- IAC Termination & Testing (T&T) services





“In support of the world’s energy transition, Michels combines our technical abilities as a premier trenchless contractor, top-ranked T&D contractor and experienced marine contractor to build forward-focused infrastructure for the coming decades.”

Phillip Michels, President of Micon Group

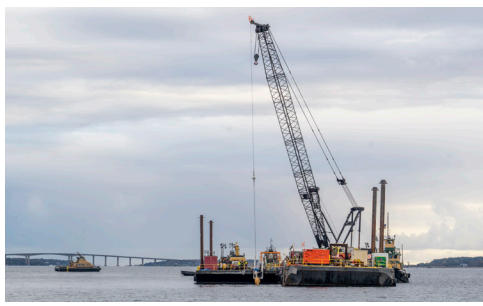


Expertise & Experience



South Fork Wind Landfall
2,600 feet of landfall conduit by HDD

HDD was used to install 2,600 feet of landfall conduit for the 132 MW South Fork Wind Farm off Rhode Island. The HDD installation of 24-inch HDPE conduit provided protection for the export cable. The project faced onshore constraints and involved a complex offshore operation with a jack-up barge, vessels, and a 36-hour pipe tow and pull-in, enabling clean energy delivery to East Hampton, NY.



Revolution Wind HDD Landfall
Two 2,400-foot-HDD landfall approaches

Two HDD landfall approaches were completed for the 704-MW Revolution Wind project off Martha’s Vineyard. Using two HDD rigs, 2,400 feet of 30-inch HDPE pipe was installed from the offshore site under 15 feet of water to the onshore site in North Kingstown. The project is part of a renewable energy initiative to supply clean wind power to Rhode Island and Connecticut.



Coastal Virginia Offshore Wind Trenchless Crossings
Virginia Beach, VA
10 HDD and 9 Direct Pipe® Trenchless Crossings

Nine Direct Pipe installations placed 42-inch steel conduits from the beach to the ocean floor with 36-inch HDPE pipe placed inside. Ten HDDs crossed environmentally sensitive areas, installing electrical conduits to house power cables. This project supports the Coastal Virginia Offshore Wind farm, the largest U.S. offshore wind farm, generating up to 3,000 MW of renewable energy.

Why Michels?

We have been pioneering innovative new technologies and serving emerging markets for more than six decades. We have completed many first-of-their-kind projects without walking away from even one. Our experience, tenacity, ingenuity, resources, and skill ensure a smooth, successful project.

