



INFRASTRUCTURE SOLUTIONS

WE DO THAT ... & MORE

Building safe ways to connect resources & end-users

Michels Pacific Energy, Inc. supports the Western United States with comprehensive construction services for electric, renewable energy, fiber communication, and water and wastewater systems. Our pipeline construction and maintenance services focus on hydrogen, natural gas, oil, and water. Whether we are hardening electrical systems, building a way to move energy from a renewable plant to a distribution system or building infrastructure after a natural disaster, we deliver safety and environmentally conscious construction solutions. We design, build, maintain and expand all aspects of critical networks with high standards for safety and quality.

As projects become more complex and timelines become more compact, we offer alternative delivery models to develop creative, cost-effective, safety-forward solutions. Our alternative delivery models include Design-Build; Progressive Design-Build; Engineering, Procurement and Construction (EPC); Early Contractor Involvement (ECI); and Construction Manager/General Contractor (CM/GC).



www.Michels.us



ELECTRICAL TRANSMISSION & DISTRIBUTION LINES

Michels Pacific Energy builds, maintains, upgrades and hardens facilities to move power from generation facilities to substations to individual users.

Our capabilities include:

- Overhead & underground construction
- Structure/tower assembly, erection, painting & replacement
- Barehand live line & hot sticking work
- Rebuilds, relocations, voltage & underground conversions
- Fire hardening

SUBSTATIONS & INSIDE WIRING

From high-voltage greenfield installations to complex brownfield rebuilds, Michels Pacific Energy delivers turnkey solutions to utility, renewable, oil and gas, and heavy industrial customers.

Our capabilities include:

- Stations up to 500 kV
- Site preparation & restoration
- Testing & commissioning
- EPC delivery models



RENEWABLE ENERGY

Michels Pacific Energy supports the Western United States' decarbonization and climate change mitigation initiatives by building the infrastructure necessary to compress and convey resources from generation points to facilities to end users or to storage facilities for later use.

Our capabilities include:

- Overhead & underground collection systems
- Transmission lines
- Substations
- RNG facilities
- Carbon capture & hydrogen
- Battery energy storage systems
- EPC delivery models

EMERGENCY & STORM RESPONSE



Michels Pacific Energy quickly deploys crews wherever and whenever needed to restore and rebuild damaged networks safely and systematically. Our project management and field teams work together to develop strategic approaches to short- and long-term projects with goals of restoring service and hardening networks.

PIPELINE CONSTRUCTION

Michels Pacific Energy constructs and maintains transmission and distribution pipeline systems in the Western United States. We use conventional and trenchless methods to support safe, environmentally sound oil, natural gas, hydrogen and water delivery.

Our capabilities include:

- Site-specific environmental protection strategies
- Customized safety plans
- Turnkey construction
- Diameters up to 48 inches
- HDD, Direct Pipe® & microtunnel expertise

INTEGRITY & MAINTENANCE

Using information gathered by sophisticated inline pipeline management tools, Michels Pacific Energy works with customers to determine repairs and replacements needed to extend a pipeline's reliable life.

Our capabilities include:

- Launchers & receivers
- Recoats, cutouts & class changes
- Hydrostatic testing
- Line lowering

ANOMALY DIGS PROGRAM

Michels Pacific Energy partners with customers to provide peace of mind in knowing underground energy infrastructure will remain safe and reliable for decades. Our integrity- and maintenance-focused digs programs are primarily structured as multi-year contracts, allowing our project leaders and crews to develop comprehensive understanding of our customers' goals, values and properties while investigating and executing hundreds of projects each year.

Our capabilities include:

- Pipeline replacement & relocation
- Composite & welded sleeves
- Cathodic protection & AC mitigation
- Recoating existing pipelines
- Excavations, sheeting & dewatering



We Do That

Engineering, Procurement & Construction (EPC) contract models

Electrical Transmission & Distribution Lines

Substations

Emergency & Storm Response

Renewable Energy

Pipeline Construction

Facilities

Integrity & Maintenance

... & More

Underground Line & Cable

Trenchless Construction

Marine Construction

Deep Foundations

Shoreline Restoration

Industrial Construction

Ground Improvement

Water Pump Stations



Transmission line fire hardening

Oceanside, California

- Military base hardening project
- Replaced wood poles with steel poles
- Reconductor 6.7 miles of line
- Advanced communication underbuild
- Focused on fire-prone areas



Edwards-Sanborn 230 kV UG XLPE

Mojave, California

- 1,118 MW solar farm
- 12-segment duct bank
- 700-foot segments
- Pre- and post-installation integrity tests



WE DO THAT ... & MORE

Landfalls & Outfall

Did you know Michels combines our Trenchless and Marine operations to execute all aspects of lake, ocean and river landfalls, outfalls and taps? We tailor solutions to support the water, wastewater, offshore wind and other infrastructure projects.



Specialized substation

Umatilla, OR

- 4-bay 230 kV – 8-bay 34.5 kV substation
- Design & constructability review
- Below-grade construction: foundations, yard rock, conduit, grounding & cable trench
- Above-grade construction: steel erection, conduit, grounding, outdoor equipment, jumper installation, bus installations, overhead conductor, power & control cable pulling/terminating
- Support for new data center



Renewable diesel conversion

California

- Deactivation of 2 HPR and 1 DREG station
- 3 manifolds
- 12 tanks
- 750 feet of new piping
- Upgrade to renewable diesel distribution

MICHEL'S[®]
PACIFIC ENERGY, INC.

www.Michels.us

An overview of the collective strength of the **MICHEL'S** Family of Companies



7,000+ people
strong



18,000 pieces
of equipment

1959

founded in



50+ locations
globally



ENR's Top 400
Contractors List

Visit our website to learn more about our power solutions.