



INFRASTRUCTURE SOLUTIONS

WE DO THAT ... **& MORE**

Building safe ways to connect resources & end-users

Michels Pacific Energy, Inc. delivers comprehensive construction services for electric, renewable energy, fiber communication, and water and wastewater systems and hydrogen, natural gas, oil and water pipelines to support the Western United States. Whether we are hardening electrical systems, building a way to move energy from a renewable plant to a distribution system, or rebuilding 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.

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 and 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 & gas, and heavy industrial customers.

Our capabilities include:

- Stations up to 500 kV
- Site preparation & restoration
- Testing and 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

EMERGENCY AND 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 and 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 and welded sleeves
- Cathodic protection & AC mitigation
- Recoating existing pipelines
- Excavations, sheeting & dewatering



We Do That

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
- Replace wood poles with steel poles
- Reconductor 6.7 miles of line
- Advanced communication underbuild
- Focused on fire-prone areas



Edwards-Sanborn 230kV UG XLPE *Mojave, California*

- 1,118MW 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 230kV – 8-bay 34.5kV 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.