

PROJECT EXPERIENCE



SYSTEM MODERNIZATION RELIABILITY

2014-2018: Northern WI

- 565 miles of overhead-to-underground conversion
- Placement of new underground cable and duct; setting of transformers and pedestals; splicing and terminating new conductors; energization
- Cutover at customer residences and removal of retired overhead facilities



SUMMIT SUBSTATION

2017-2018: Scranton, PA

- 230kV electrical substation
- Four-bay 230kV side and five-bay 69kV side
- Transformers, buses, control house, conduits, wiring
- 240 7-inch micropiles with rock sockets
- Concrete work



LACKAWANNA TRANSMISSION LINE

2017: Lackawanna, PA

- 3.8 miles of 230kV -1590 ACSR and two OPGW statics connecting to the Lackawanna substation
- 37 concrete drilled shafts and steel monopoles averaging 165 feet
- 696-foot elevation change over 4,130 feet (9 poles)



LITTLE CREEK 115KV UNDERGROUND TRANSMISSION

2015-2016: Norfolk, VA

- HDD installation of 3,737 feet with:
 - Four 10.75-inch HDPE conduits for three 3500 kcmil EXPE conductors and one spare
 - One 4.5-inch PVC conduit to house relaying and communications inside three 1-inch innerduct
 - One 4.5-inch PVC conduit for ground continuity
- 750 feet of open trench construction of HDPE bundle
- Installation of two manholes
- Wellpoint dewatering system



UNITED STATES

Peoria, AZ
Elk Grove, CA
Paso Robles, CA
Westminster, CA
Woodland, CA
Castle Rock, CO
Wheat Ridge, CO
South Windsor, CT
Watertown, CT

Tampa, FL
Kapolei, HI
Bedford Park, IL
Montgomery, IL
Indianapolis, IN
Cedar Rapids, IA
Topeka, KS
Charlotte, MI
Brooklyn Park, MN

Lakeville, MN
Rogers, MN
Carrollton, MO
Missoula, MT
Pembroke, NH
East Syracuse, NY
New Rochelle, NY
Redmond, OR
Salem, OR

Harrisburg, PA
Washington, PA
Houston, TX
Kent, WA
Kirkland, WA
Marysville, WA
Pasco, WA
Tumwater, WA
Brownsville, WI

Green Bay, WI
Milwaukee, WI
Neenah, WI
New Berlin, WI
Wausau, WI

CANADA

Nisku, AB
Toronto, ON
Vancouver, BC

DEDICATION

1959

founded in



8,000 people strong

SUSTAINABLE

TOP 8%

ENR's Top 400 Contractor's List



14,000 pieces of equipment



40+ offices

TEAMWORK

INTEGRITY



SAFETY & ENVIRONMENT

817 Main Street | P.O. Box 128 | Brownsville, Wisconsin 53006
www.michels.us | p: 920.583.3132

www.michels.us

MICHEL'S®



DISCOVER OUR CAPABILITIES POWER DELIVERY

Oil & Gas • Power Delivery • Communications
Deep Foundations • Heavy Civil Construction

MARKETS SERVED

Railway Work • Transportation • Sewer & Water
Construction Materials • Renewable Energy

Your story is told
THROUGH THE THINGS WE BUILD.



TRANSMISSION LINES

Michels has built tens of thousands of miles of 69kV to 500kV transmission lines to move electrical power from generation stations to substations. Our fleet of specialized equipment and our experienced crews works safely and swiftly in all terrain and conditions.

- New construction
- Rebuilds
- Relocations
- Maintenance
- Live Line/Barehand
- Structure foundations
- Horizontal Directional Drilling
- Site clearing and preparation
- Environmental protection
- Overhead and underground



DISTRIBUTION

Michels uses our pre-planning and logistics coordination to allow us to build and maintain overhead and underground distribution lines.

- Voltage conversions
- Overhead and underground
- New construction
- Rebuilds

Michels understands your customers count on you the same way you depend on us. Our broad scope of services includes transmission, distribution, substations, communication networks, and storm and emergency response. We even offer solutions that allow you to maintain



UNDERGROUND LINE & CABLE

Michels is a force in the construction of coax, cable and fiber optic cable systems. We are 100-percent self-sufficient in planning, designing, installing and delivering completed projects in residential, business, urban and rural applications.

- Directional drilling
- Trenching
- Plowing
- Manholes and conduits
- Cable pulling and blowing
- Splicing, testing and cutover



STORM & EMERGENCY RESPONSE

Michels crews and equipment are quickly deployed whenever and wherever needed to systematically and safely restore damaged systems. Our team has helped repair damage caused by hurricanes Irma, Sandy, Katrina, Irene, Ike, Rita, Dennis and Gustav. Contracts are offered at pre-negotiated rates so we can begin work as soon as the storm passes.

Storm Hotline: 855.322.3922 storm@michels.us

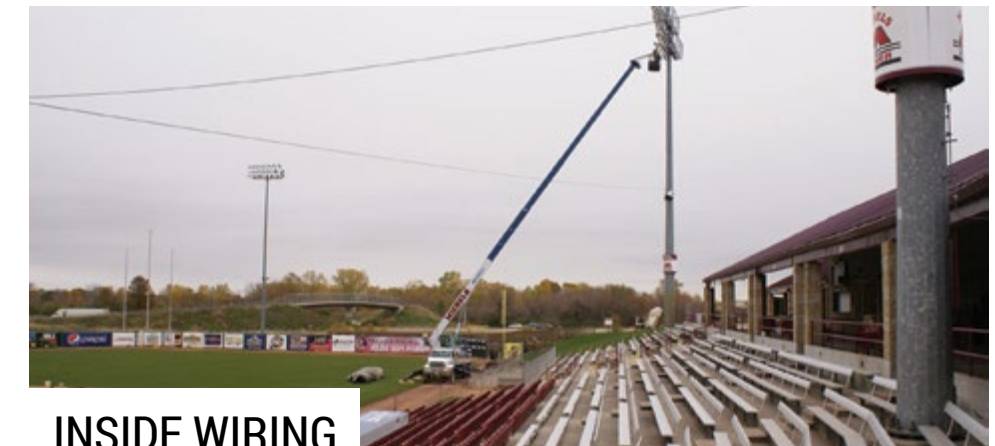
a reliable electric network without burdening your customers with service interruptions. The work we do today will provide future generations with reliable electric and communication networks.



SUBSTATIONS

Michels is skilled in brownfield and greenfield construction of substations up to 500kV under EPC and construction only contract models. Our resume includes air-insulated and gas-insulated (GIS) substations.

- Transformers
- Insulators
- Circuit breakers
- Switches
- Relay and control panels
- Terminations and dead-ending
- Cables and raceways
- Control buildings
- Foundations
- Civil and site work



INSIDE WIRING

Michels provides competitively priced commercial and industrial electrical services, including new construction, maintenance and upgrades. Design-build contracts are available.

- Heavy industrial
- Healthcare facilities
- Schools
- Residential homes