



National
A Centuri Company



National Overview

September 2024

THINK AHEAD »





About Us

- » National provides electric services for distribution, transmission, substations, storm response, and renewables. Our experienced management team is focused on safety, quality, and operational excellence in providing critical energy to thousands of homes and businesses in the communities where we work.
- » Our management of comprehensive and complex projects has built our reputation as a best-value solutions provider in the electric industry. Guided by a clear sense of mission and our sustainability framework, we're a leader in our industry, an employer of choice with our employees, and a responsible citizen in our communities.
- » We are a proud signatory member to the International Brotherhood of Electrical Workers (IBEW) with our labor force drawn from the home local in all states where we operate.



Capabilities

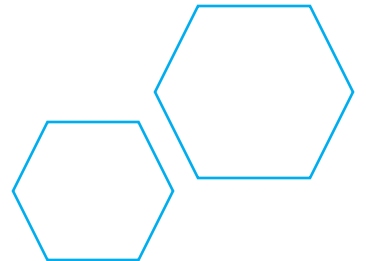
- » Overhead Transmission (up to 500kV)
- » Underground Transmission (up to 230kV)
- » Overhead & Underground Distribution
- » Foundations/Drilling
- » Substation Construction & Maintenance (up to 500kV)
- » Energized Services (up to 500kV)
- » Engineering Services (Distribution & Transmission)
- » Project Management
- » Emergency Response





THINK AHEAD »

Service Offerings



Project Management Office (PMO)

National prides itself on offering industry-leading services to our clients for many aspects of project management, including but not limited to:

Service Offerings:

- » Quality Assurance Inspectors
- » Quality Control Inspectors
- » Engineering Management
- » Scheduling
- » Program Management
- » Project Management
- » Construction Management
- » Project Controls
- » Document Controls
- » Procurement Management
- » Land Management
- » Environmental Matting & Controls



Transmission

National constructs transmission lines up to 500 kV. Our Transmission experience ranges from bundled conductor installation, lattice structure erection, wood-to-steel conversions, and underground transmission cable installation up to 230 kV. We also support rebuilding and upgrading existing infrastructure while the line remains in service to help meet our customers' operational demands.

Transmission Offerings:

- » Energized Services
- » Tower Construction Services
- » Tower Demolition Services
- » Structure Change-Out Services
- » Steel Monopole Installation Services
- » OPGW/OHGW/ADSS Installation Services
- » Reconducting Services: Single, Twisted & Bundle Conductors
- » Inspection Services
- » Maintenance & Repair
- » Relocation
- » Helicopter Work
- » EPC Projects



Distribution

National has extensive experience working on overhead and underground electric distribution systems. As a trusted alliance partner for many of our utility customers, we have the labor and resources to tackle any distribution project ranging from aged conductor replacement, EPC ground line inspection pole replacement program management and construction, wood-to-steel conversions, underground cable installation and much more.

Distribution Offerings:

- » Overhead Construction & Maintenance
- » Underground Construction & Maintenance
- » Underground Trench & Conduit
- » Underground Substructure & Equipment Installation
- » Underground Cable Installation & Replacement
- » Joint Use / Make Ready Work for Communication Infrastructure
- » Voltage Conversion Projects
- » Overhead and Underground Equipment Installation & Replacement
- » Underground Cable Diagnostic Assessment, Refurbishment, and Rehabilitation
- » EPC Projects



Foundations

Drilling is a key component of infrastructure and utility projects. While other companies subcontract drilling services, National employs in-house project managers and union craft personnel with specialized drilling experience in a wide array of terrains and settings.

National has recently expanded our wide range of service offerings adding foundation services.

Foundation Service Offerings:

- » Anchor Bolt Drilled Pier Foundations
- » Stub Angle Drilled Pier Foundations
- » Vibrating Caissons
- » Grillage Foundations
- » Direct Embed
- » Rock Drilling



Substation

From site preparation to energization and commissioning, the National substation group has extensive experience in substation construction up to 500kV. We also support scheduled substation maintenance and upgrade of electrical equipment.

Substation Service Offerings:

- » Substation Upgrades
- » Testing & Commissioning
- » Protection & Control
- » Structure Installation
- » Pad & Foundation Construction
- » Below Grade Trench & Conduit
- » Cable Installation
- » Buss Work
- » Control House Installation
- » Energized Services
- » Site Grading



Engineering & Design

We offer a full range of distribution and transmission engineering services. Our engineers support large scale capital projects, new overhead or underground circuits, ground line inspections pole replacements, or provide utility engineering support to relieve extensive workload for annual operational initiative execution.

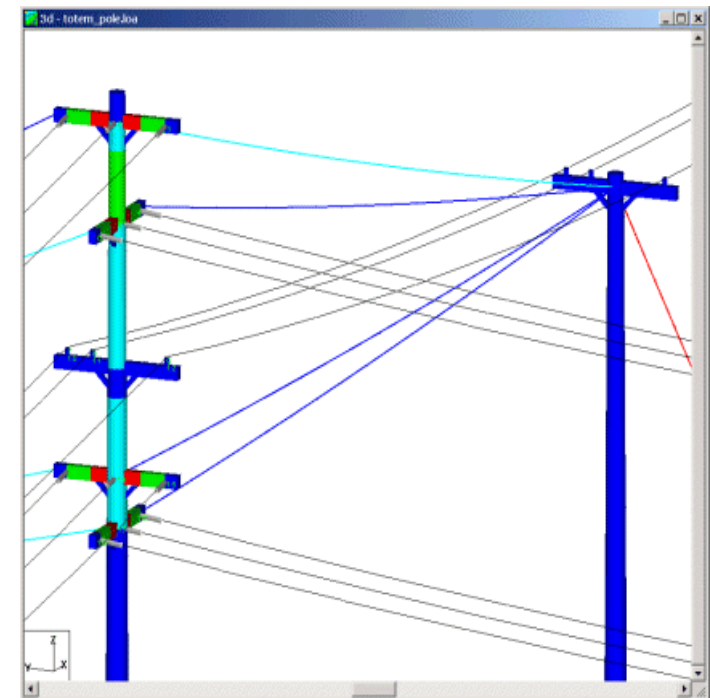
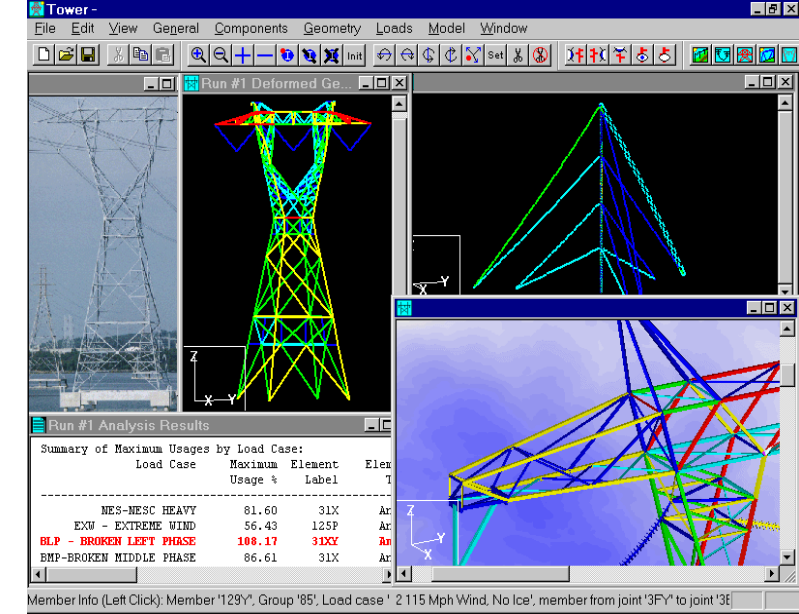
Engineering Service Offerings:

Distribution Engineering

- » Ground Line Inspection (GLI)
Pole Replacements
- » New Feeder Circuits
- » Conversion Projects
- » Equipment Installation/Replacement
- » Reliability Services
- » Reconductor Projects
- » Joint Use/Make Ready Services
- » Voltage Upgrade Projects
- » PLS CADD Design

Transmission Engineering

- » Structure Replacement
- » PLS CADD Design
- » Reconductor Projects
- » Complete Circuit Analysis
- » Conversion Projects
- » Material & Equipment Specifications



Energized Services

National's energized services team supports our utility customers by maintaining, upgrading, and rebuilding powerlines up to 500kV while ensuring there are no interruptions in power delivery. Our highly skilled labor force is trained in the required techniques and utilization of specialized tools and equipment to complete the job safely and efficiently.

Energized Service Offerings:

System Maintenance	System Upgrade or Rebuild	Substation Maintenance
Structure Replacement	Structure foundation repair	Insulator Replacement
Insulator Replacement	Structure upgrade or replacement	Breaker repair or replacement
Modification of structures, crossarms, or insertion of structure body extensions	Energized Reconductor	Bus repair or replacement
Line hardware or replacement	Single to double circuit system upgrades	Repair or bypass of jumpers and switches
Spacer & damper additions/replacement	Existing circuit voltage upgrades	Disconnect switch re-alignment or repair
Marker ball and bird diverter additions/replacement	Upgrading existing static to Optical Ground Wire (OPGW)	
Repair or bypass of jumpers and switches		



Emergency Response

We're proud to play a role in mitigating the impact of adverse natural and man-made disasters by providing a highly organized, swift, and expeditious response to assist our utility partners in restoring power and bringing a sense of hope within the community.

National's response provides our utility partners with the help they need after a major incident. Our ability to act quickly and effectively in response to fast-moving, catastrophic situations offers tremendous support to our many industry partners and our fellow citizens.

As part of Centuri Group, Inc., National can leverage the full breadth of our organizational strength to ensure our utility customers receive the support they need to restore power to our communities. Including additional crew resources through Centuri Restoration Services.

Support Services

- » Downed line assessment and asset inspections
- » GIS mapping of assets/circuits needing repair
- » Integrated Field Work Management System providing real time and in stride reporting of repairs and progress
- » Quality Control Inspection services that ensure repairs are being made to utility specifications





National

A Centuri Company

Thank You

www.NationalPowerline.com

National

19820 North 7th Avenue, Suite 120

Phoenix, Arizona 85027

623.879.7959

Info@NextCenturi.com



National

A Centuri Company