# DISTRIBUTION & PLANNING

Electric Utilities invest millions each year upgrading, rebuilding, and modernizing their distribution infrastructure to meet the challenges presented by the ever-changing power needs of their consumers. Utilities must wisely evaluate and choose upgrades to meet these system needs. With over 70 years of experience in the industry, clients can rely on Patterson & Dewar Engineers, Inc. (P&D) to offer objective analysis of their power distribution systems.

## SERVICES

- Long-range plans
- Construction work plans
- Distributed energy resource impact studies
- Emergency restoration plans
- Vulnerability risk assessments
- Load forecasts
- Load flow studies
- Protective coordination studies
- Power supply studies
- Motor starting studies
- Coordination studies
- Capacitor studies
- Contingency studies

P&D offers additional distribution solutions to address the challenges faced by the evolving power delivery market, including:

- Distribution line design and staking
- Underground system design
- Specification development and procurement support
- Work order inspections
- Underground system design
- Compliance verification (NESC, RUS, etc.)
- Storm restoration facilitation

## THE P&D DIFFERENCE

Our team understands that a reliable electric system requires proper planning to ensure a resilient, cost-effective, and clean electrical grid. We work with all of the utility's stakeholders – board members, stockholders, co-op members, elected officials, public service commissioners, and department heads – to deliver comprehensive plans and studies that support short- and long-term client objectives.

**For more information, please contact distribution@pdengineers.com**

patterson & dewar ENGINEERS

## OUR LOCATIONS


### Georgia (Corporate)
850 Center Way
Norcross, GA 30071
(770) 453-1410

### Arizona
1525 North Hayden Rd.
Suite 100
Scottsdale, AZ 85257

### Tennessee
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Gallatin, TN 37066
(615) 527-7084

### Texas
15924 Midway Rd.
Addison, TX 75001
(214) 461-0760

### Virginia
4511 Daly Dr.
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