



**TRUSTED
ADVISOR**

We've Grown with the Cooperative Industry Empowering Electric Cooperatives From Day One

Founded in 1928, Guernsey quickly emerged as a dynamic and reliable engineering firm. When the Rural Electrification Act was signed in 1936, we were ready—quickly becoming an integral partner in designing and building the infrastructure that would bring electricity to rural communities.

Within a year of the REA, Guernsey held engineering service contracts for nearly every cooperative in western Oklahoma. Our reach continued to expand, and by the 1950s, we were serving electric cooperatives across Colorado, Indiana, Kansas, Nebraska, Nevada, Oregon, Texas, Utah, and Wyoming. At the same time, Guernsey designed numerous electric generation stations, expanding our power engineering service offerings throughout the Midwest.

As our expertise deepened, so did our services. By the 1960s, we expanded beyond engineering to include comprehensive cost-of-service studies, financial forecasting, and strategic planning—helping electric cooperatives navigate an increasingly complex energy landscape.

From the outside, one might not understand how ingrained electric cooperatives are in Guernsey's culture. Our model is to serve as an extension of your staff. Understanding the needs of our electric cooperative clients and serving as a trusted advisor has led the firm to nearly 90 years of relationships within the REA program nationwide. The fact is that Guernsey's model for providing services has helped the firm evolve and grow into new areas to meet the needs of our cooperative clients.

Today, we deliver innovative solutions to almost every state, tackling emerging challenges in financial strategy, cybersecurity, and evolving energy trends. Our commitment to empowering clients with expertise and forward-thinking strategy continues to drive success—today and into the future.



ARCHITECTURE & ENGINEERING

Optimized Spaces, Seamless Operations

Enhancing Cooperative Operations Through Smart Design

Guernsey equips electric cooperatives with innovative, operations-focused solutions to optimize facilities for efficiency, functionality, and long-term growth. With extensive experience in architectural and engineering services, we deliver strategic designs that enhance workflow, improve Member experience, and support evolving operational needs. We take a hands-on approach to thoughtfully designing every facility—new construction, renovation, or expansion—aligning with cooperative priorities, Member engagement and industry best practices.

Our process goes beyond evaluating property condition—we conduct a comprehensive facility assessment that analyzes functionality and future space needs to identify opportunities for operational improvement. Through a collaborative design approach, we address inefficiencies, solve functional challenges, and create facilities that enhance service delivery and cooperative identity.

Architectural Design

- Facility Assessment
- New Headquarters
- Renovations
- Construction Management
- Consulting Management
- Preconstruction Services
- Landscape Design
- Interior Design Finish and Selections
- Master Planning
- Accessibility and Building Code Evaluations

Engineering

- Existing Condition Assessments
- Energy Modeling
- Life Cycle Cost Analysis
- Utility and Backup Power Systems
- Mission Critical Systems
- ICC 500 Shelter Design and Third Party Reviews
- Structural
- MEP
- Roadway Coordination
- Site/Civil and Utility
- Building Control Systems



ENVIRONMENTAL SERVICES

Protecting Resources, Facilitating Progress

Proactive Strategies for Environmental Stewardship

We enable electric cooperatives to navigate complex environmental challenges with precision and confidence. From infrastructure upgrades to new construction, operations often require environmental studies to meet regulations and support sustainable development. Our services—including NEPA compliance, GIS mapping, and due diligence—draw on decades of cooperative experience to ensure compliance, reduce risk, and enable informed decisions.

We deliver tailored solutions like impact analyses, compliance strategies, and stakeholder engagement to help cooperatives achieve their goals while protecting the environment. Our experts simplify regulatory processes, boost efficiency, and keep projects on track. Partner with us to safeguard your interests, connect with your community, and support sustainable environments.

National Environmental Policy Act (NEPA) Services

- Environmental Impact Statements
- Environmental Assessments
- Categorical Exclusions
- Alternatives Analyses
- Interagency Coordination

Environmental Compliance

- Spill Prevention Control & Countermeasures Plans (SPCCPs)
- Regulatory Compliance
- Stormwater Training & Compliance

Due Diligence

- Phase I Site Assessments
- Transaction Screens
- Phase II Investigations
- Soil/Groundwater Sampling & Testing
- Environmental Condition of Property Assessments

Public Involvement

- Public/Stakeholder Meetings
- Community Advisory Workshops
- Surveys and Polling



G&T POWER SOLUTIONS

Expert Rate Design, Resource Planning and Wholesale Power Supply G&T Member-Focused Consulting

Guernsey provides G&T cooperatives with expert-driven solutions focused on each client's uniqueness and the services they provide to their Members. Our experts navigate the complexities of wholesale power supply, resource planning, risk management, resource procurement, and recovery of costs associated with providing wholesale power, transmission and distribution service. Our consultants ensure a balanced, consensus-building approach to help meet both the G&T and Member needs.

Our process goes beyond the traditional delivery of consulting services. Through stakeholder engagement and consensus-building, Guernsey delivers bespoke data-driven strategies that position your G&T and its Members for lasting success.

Education and Issue Identification

- National G&T Rate Trends and Financial Challenges
- Comprehensive Financial Philosophy and Rate Structure Review
- Educate Stakeholders on Critical Rate Issues Before Developing Proposed Solutions

Cost of Service Analysis

- Current Rate Performance and Cost Allocations Evaluation
- Key Cost Driver Identification and Functional Cost Allocation

Rate Design and Implementation

- Financial Impact Analysis and Member Billing Comparisons
- Stakeholder Meetings Facilitation and Consensus Building
- Support Development of Implementation Plans
- Energy Efficiency and Demand-Side Management

Additional Services

- Expert Witness before FERC, State Commissions
- Load Forecasting



DISTRIBUTION COST OF SERVICE

Tailored Cost of Service Solutions. Actionable Insights.

Expert Solutions to Advance Cooperative Success

Guernsey empowers electric cooperatives with tailored strategies to tackle complex rate design and cost of service challenges that drive financial health and member satisfaction. Leveraging five decades of rate design and cost of service specialization, we deliver actionable insights and hands-on support with expertise in rate adjustments, financial forecasting, and regulatory compliance, ensuring your cooperative stays ahead of industry demands and emerging technologies.

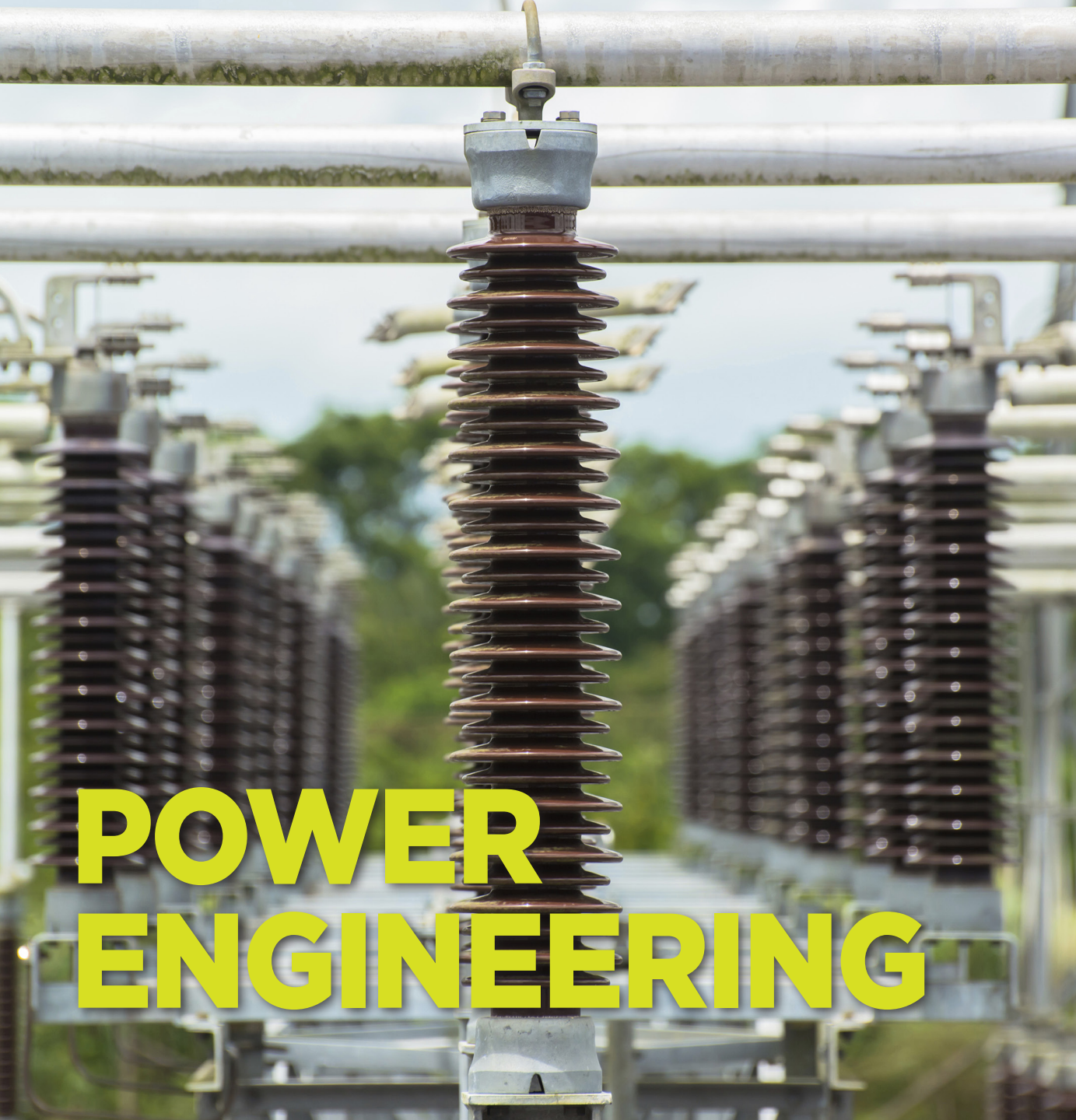
Our approach goes beyond simply developing revenue requirements and rate designs—it includes a thorough cost-of-service analysis, functional unbundling of cost components, and proposed rate structures. To ensure long-term viability, we test the cooperative's revenue requirements against a ten-year financial forecast and develop an allowable line extension model tailored to each rate class under the cooperative's approved rates.

Tools for Cooperative Growth

- Revenue Requirement Analysis
- Financial Forecasting
- Line Extension Analysis
- Regulatory Support and Expert Witness
- Management Consulting
- Development and Support of Adjustment Factors
- Board Training and Workshops
- Merger and Acquisition Analysis
- System Conditions Assessments and Fair Market Valuation

Member-Focused Retail Rates

- Unbundled Rates
- Time of Use
- Three-Part and Four-Part Rates
- Demand-Side Management
- Energy Efficiency
- Electric Vehicles
- Industrial Rates, Contracts and Risk Management
- Mega Loads



POWER ENGINEERING

Proven Expertise to Strengthen Performance

Enhancing Grid Reliability with Proven Expertise

We support electric cooperatives with the strategic expertise to enhance system reliability, efficiency, and long-term resilience. With decades of experience, we deliver practical, data-driven solutions for distribution planning, system analysis, and infrastructure modernization, ensuring safe, cost-effective, and future-ready operations.

From distribution design and planning to work order inspections and disaster recovery, we provide the technical expertise and hands-on support needed to strengthen grid performance. Whether addressing growth and expansion, regulatory requirements, improving power quality, or mitigating risks, our comprehensive approach ensures cooperatives have the tools and insights to operate safely and efficiently.

Distribution Design

- Staking and Inspection
- Overhead/Underground Plans and Specs
- Utility Relocations
- Bid Document Preparation
- Right-of-Way and Easement Procurement

Distribution Planning

- Construction Work Plans
- Long-Range Planning Studies
- Sectionalizing Studies
- Arc Flash Analysis
- Short Circuit Studies
- System Mapping
- Motor Analysis

Additional Power Engineering

- Work Order Inspections
- Disaster Recovery and Mitigation
- Vendor Drawing Review
- Power Quality Studies
- Make Ready Surveys
- Expert Testimony and Litigation Support
- Owner's Engineering Services
- T&D Route Selection, Analysis, and Regulatory Permits
- CCN Application Preparation and Public Meetings
- GIS Mapping
- System Conditions Assessment and Fair Market Valuation



CYBERSECURITY

Oklahoma's Only C3PAO & 8th in the Nation Long-term Operational Security

Proactively protect your critical infrastructure from cyber attacks and data breaches with the help of Guernsey's team of cybersecurity experts. Strengthen your cooperative's security posture, ensure regulatory compliance, and mitigate cyber threats. We'll help you navigate complex compliance requirements, reducing the risk of penalties and operational disruptions.

By leveraging expert staff augmentation and C3PAO CMMC assessments, cooperatives can enhance their internal capabilities without the burden of hiring and training in-house specialists. Partnering with our cybersecurity team ensures resilience, compliance, and long-term operational security in an increasingly digital and threat-prone environment.

CYBERSECURITY

- Risk Assessment
- Security Program Maintenance
- Training and Awareness
- Penetration Testing
- Cyber Incident Response Planning and Testing
- Risk Management, Including Supply Chain
- Regulatory Support (NERC, CIP, HIPAA, SEC, CMMC, TSA)
- Security and Vulnerability Reviews
- Cyber Breach Incident Response
- Staff Augmentation

CMMC COMPLIANCE

- Risk Assessment
- CMMC Readiness Assessment (NIST 800-171 compliance)
- CMMC Gap Remediation
- Security Program Maintenance
- Training and Awareness
- Vulnerability Management
- C3PAO CMMC Assessment



Knowledge is Power

Expert Speakers Who Lead By Doing

For 90 years, Guernsey has partnered with cooperatives, working side-by-side as an extension of their staff to deliver tailored solutions that directly benefit both the cooperative and its members. Our speakers are industry professionals actively engaged in the electric cooperative sector, bringing real-world experience to every engagement.

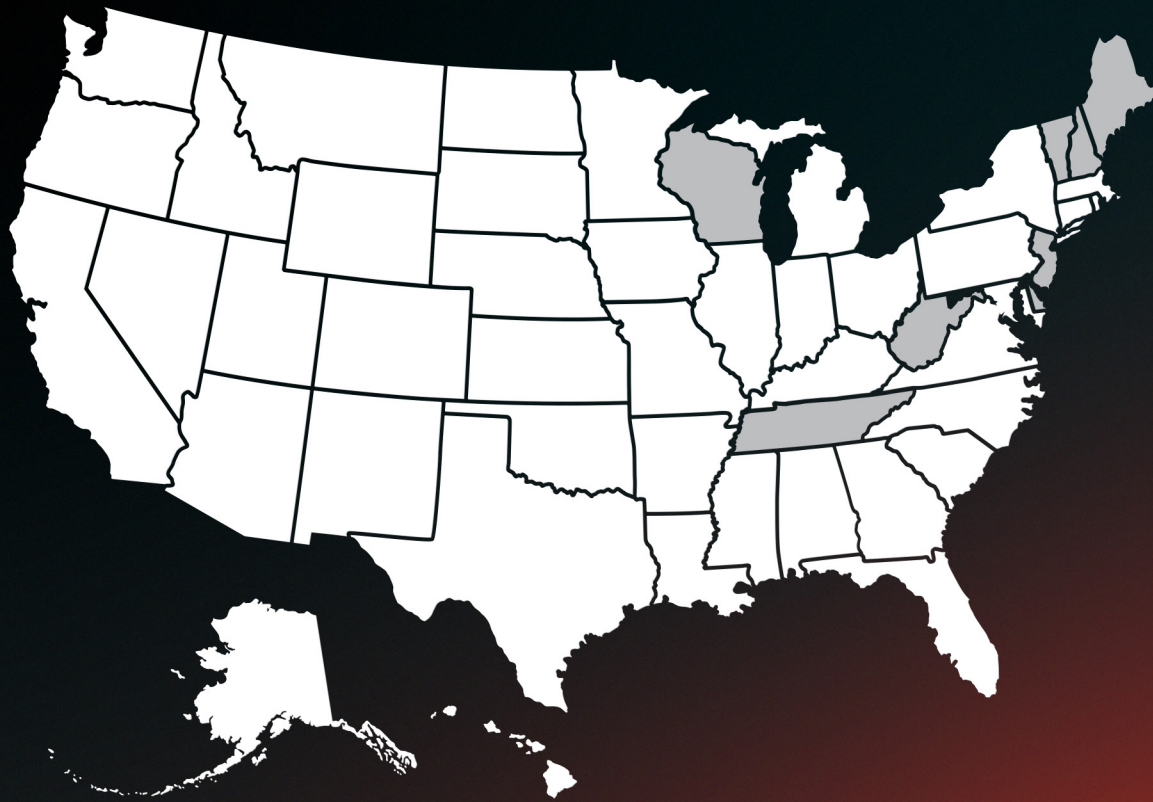
We collaborate directly with cooperative staff, boards, and members to address challenges and drive meaningful results. Whether at conferences, board meetings, or training workshops, our speakers leverage their expertise to lead impactful discussions on key cooperative and member issues.

Our consultants approach every training and workshop with a member-first mindset, ensuring that the strategies and solutions we share directly support the cooperative's mission to serve its members. This focus on member impact sets our training apart, delivering lasting value to cooperatives and the communities they power nationwide.

Training Leaders. Serving Members.

- Statewide Associations
- Regional Organizations (Accounting, Member Services, Engineering, Cybersecurity)
- Industry Organizations
- Board Meetings and Workshops
- Employee Training

NATIONWIDE EXPERTISE



A Nationwide Partner in Powering Communities Serving Electric Cooperatives Across the U.S.

For nearly a century, Guernsey has been a steadfast partner to electric cooperatives across the nation, helping them navigate complex challenges and seize new opportunities. With clients in all but seven states, our expertise and commitment to empowering rural communities have become a trusted hallmark in the industry.

This extensive reach reflects more than just geography—it represents decades of meaningful relationships, tailored solutions, and proven results. Every cooperative is unique, and our deep national experience enables us to understand and address cooperatives' diverse needs, challenges, and goals across different regions.

Whether optimizing operations, strengthening grid reliability, ensuring regulatory compliance, or developing innovative rate strategies, Guernsey brings unmatched expertise and a cooperative-first mindset to every project. Our nationwide footprint ensures that you benefit from insights and best practices honed across decades and regions.

The map highlights our expansive experience—but the relationships, trust, and shared successes truly power our journey forward..

Map Key

- Yes!
- Not here... yet