



MICHAEL IVEY

SENIOR PROJECT MANAGER,
P.E.

PROFESSIONAL EXPERIENCE

GDS Associates, Inc., Marietta, Georgia, Jan 2023-present

Senior Project Manager

Currently consulting on projects that include system rebuilding, work order inspections, training classes, system expansions, and miscellaneous system engineering

Crisp County Power Commission, Crisp County, Georgia, Dec 2017 – Nov 2022

Assistant General Manager; General Manager

Managing a multi-faceted electric utility with assets including local hydro and natural gas generation, a hydro generating reservoir, gas and electric transmission lines, distribution substations and lines, and a fiber system used both for control and leased capacity. Also served as the utility principal engineer and expert on design and construction to ensure compliance with NESC and NEC codes and well as regulatory compliance with agencies such as FERC, EPA, EPD, USACE, Georgia DNR, etc.

Addressed multiple challenges in areas needing improvement including aged infrastructure, system protection and coordination, mapping, metering, system and equipment maintenance, reliability, right-of-way, safety, adequate staffing, employee satisfaction, training, efficiency, and succession planning. Some of the projects and improvements included:

- Updated design and construction practices and training to provide better safety and reliability.
- Began conversion from a 12kV system to a 25kV system in anticipation of future growth in distribution DG, battery storage, and electric vehicle charging.
- Implemented operational equipment safety inspection and replacement procedures to ensure safer working conditions and reduce down time due to equipment failure.
- Updated an old mapping system to a modern system with connectivity and intelligence to allow real-time system analysis and planning.
- Replaced a radio-read meter system with a modern AMI system. This solution provides system data for analysis and interacts with other systems while also solving multiple staffing issues.
- Modernized the SCADA system to allow better control capability and data exchange with other system software.
- Implemented a substation, line, and distribution equipment inspection program to improve reliability and system safety.
- Established sectionalizing practices and training to ensure proper equipment selection and coordination to reduce outages, reduce equipment failure, and provide better safety.
- Changed right-of-way maintenance practices to provide for routine, scheduled clearing of vegetation to improve system safety, reliability, and ready access to the system for repairs, upgrades, and inspection.
- Filled staff shortages, provided technical training, and cross-training to adequately maintain workflow, prepare for succession planning, and improve morale.
- Began a program of culture change to improve employee morale and efficiency. Focused on making system improvements and tasks a team effort as well as provide better interaction between management and staff.
- Upgraded workplace facilities to provide for a more efficient and safe layout as well as replace failed and outdated components.
- Installed AVR, call-management, and OMS systems to improve outage response and customer interaction.

CONTACT

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EDUCATION

B.S., Engineering, Specialization:
Electrical, Mercer University School
of Engineering, Macon, GA, 1994

Continuing education and
certifications in electrical and utility
engineering

PROFESSIONAL AFFILIATIONS/ CERTIFICATIONS

Licensed Professional Engineer in
Georgia (PE038037)

Licensed Electrical Contractor in
Georgia (EN210717)

Institute of Electrical and Electronics
Engineers (IEEE) Section Treasurer

Power Engineering Society, IEEE

Smart Grid Community, IEEE

EXPERTISE

Regulatory and Code Compliance

Utility Supply / Generation /
Transmission / Distribution

Power Engineering

Regulatory and Code Compliance

Finance and Billing

Data Analysis



PROFESSIONAL EXPERIENCE [continued]

- Interconnected the mapping, AMI, SCADA, OMS, and AVR systems together to provide a better response during outages and a better means to analyze the system state in real time.
- Implemented a digital staking interface and digital inventory system with a tie to the accounting system to improve material count and cost tracking as well as control.
- Began implementation of digital field staking to reduce paperwork and design time and to allow more efficient job creation and mapping updates.
- Began implementation of digital warehouse control that would tie to the accounting system as well as the digital field staking and work order systems to improve inventory maintenance and material tracking.
- Implemented broader long-term planning that added to the existing long-term power supply planning. This added long-term R&R planning and costs for the hydro generation and hydro reservoir facilities, transmission lines, substations, and distribution system as well as improving the long-term cost forecasts.
- For lake dock and pier policy management, converted from paper records to digital records and incorporated aerial imagery and computerized structure analysis to improve efficiency and accuracy in compliance tracking and records management.

Crisp County Power Commission, Crisp County, Georgia, May 2014 – Dec 2017

Manager of Technical Services

Overseeing and supervising the Engineering, Substation Operations, Meter Shop, and Warehouse Inventory, providing Technical Support to the Generation Department, and serving as the utility's Staff Engineer.

McLean Engineering Company, Inc., Moultrie, Georgia, Jul 2011 – May 2014

Principal Senior Engineer

Applied engineering and business skills in utility consulting including:

- Serving as an authority in many areas of utility engineering and trouble-shooting.
- Design and analysis of transmission, substation, and distribution facilities and protection systems.
- Conducting analysis and studies for distribution systems including work plans, coordination studies, and capacitor studies.
- System mapping and modeling
- Conducting and presenting costs of service studies, rate design and analysis.
- Training new employees in various aspects of power engineering.
- Conducting training sessions and classes in power engineering and rates.
- Developing and maintaining engineering analysis software.

Municipal Electric Authority of Georgia / Electric Cities of Georgia, Atlanta, Georgia, Sep 2000 – Jul 2011

Senior Engineer

Applied engineering and business skills to assist local governments in many areas including:

- Develop, analyze and present cost of service studies, load and sales forecasts, rate designs, budgets, retail billing, wholesale and retail cost analysis, policies, customer choice rate and supply options across various services.
- Develop and conduct training sessions on retail and wholesale rates, distribution electrical system design, distribution electrical system operations, and computer software use.
- Develop computer models to assist with economic analysis, billing, forecasting, and various business and engineering analysis.

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Case No. 26-0096-TF
Tariff filing of GMP
Exhibit MEI-1 Michael Ivey CV
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PROFESSIONAL EXPERIENCE [continued]

- Analyze wholesale and retail generation opportunities and power supply needs.
- Serve as an authority on costs, rates, distribution line design and operations, regulatory compliance, territorial issues, NESC and NEC code compliance.
- Conduct analysis on power quality and energy conservation issues.
- Act as an expert resource on legislative impacts on the management, cost, and operations of the electrical system.
- Help negotiate agreements and disputes with customers, other service providers, and other governing agencies.
- Presentations to councils, boards, and staff.

McLean Engineering Company, Inc., Moultrie, Georgia, Aug 1994 – Sep 2000

Electrical Engineer

Applied engineering and business skills in utility consulting including:

- Transmission, substation, and distribution protection and design
- System work plan studies
- System mapping and modeling
- Wholesale & retail metering installation and testing
- Cost of services studies and rate design and analysis
- Designed, developed, and maintained company software including CAD mapping systems and engineering analysis tools.
- Trained employees in the use of computer software and hardware.

Giles Electric Company, Macon, Georgia

Apprentice Electrician

Learned the electrical trade while in high school and between college attendances.

- Developed skills using methods and practices involved in industrial, commercial and residential wiring.
- Learned skills in customer relations, business operations, NEC compliance, and working with various government agencies.
- Obtained experience necessary to earn my electrician's license in Georgia.

Avalon Services, Inc., Marietta, Georgia

Manager/Supervisor

Between college attendance, managed a group of about twenty employees making up about one half of a floor maintenance and janitorial business with responsibilities that included:

- Interviewing, placement, evaluation, handling grievances, and training of employees.
- Coordinating with customers and contractors to increase productivity, schedule activities, and increase customer satisfaction.
- Assisting employees not fluent in English or weak in communication skills.
- Established and maintain relationships between the company, customers and employees to provide a productive and pleasant working environment.

Georgia Power Company, Milledgeville, Georgia

Electrical Engineering CO-OP

Between college attendance in an engineering distribution office, gained experience including:

- Distribution engineering and line design
- Computer assisted design and cost estimation
- Organization of distribution line construction
- Interaction and negotiation with customers



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FILED TESTIMONY

Date	Regulatory Agency/Court	On Behalf Of	Docket	Docket Description
6/19/2024	Public Utility Commission of Texas	Houston Coalition of Cities (Direct Testimony)	56211	Application of CenterPoint Energy Houston Electric, LLC for Authority to Change Rates
6/24/2024	State Office of Administrative Hearings (SOAH) / Public Utility Commission of Texas	Houston Coalition of Cities (Direct Testimony)	SOAH Docket No. 473-24-17310 PUC Docket No. 56548	Application of CenterPoint Energy Houston Electric, LLC for Approval of Its Transmission and Distribution System Resiliency Plan
1/3/2025	State Office of Administrative Hearings (SOAH) / Public Utility Commission of Texas	Houston Coalition of Cities (Direct Testimony)	SOAH Docket No. 473-25-05323 PUC Docket No. 57271	Application of CenterPoint Energy Houston Electric, LLC for Determination of System Restoration Costs
4/8/2025	State Office of Administrative Hearings (SOAH) / Public Utility Commission of Texas	Houston Coalition of Cities (Direct Testimony)	SOAH Docket No. 473-25-11558 PUC Docket No. 57579	Application of CenterPoint Energy Houston Electric, LLC for Approval of its 2026-2028 Transmission and Distribution system Resiliency Plan
6/30/2025	State Office of Administrative Hearings (SOAH) / Public Utility Commission of Texas	Houston Coalition of Cities (Direct Testimony)	SOAH Docket No. 473-25-18704 PUC Docket No. 58028	Application of CenterPoint Energy Houston Electric, LLC for Determination of System Restoration costs

