



DE-FOA-0002740 Grid Resilience and Innovation
Partnerships (GRIP)

Full Application – Resumes

Respondent Name: Oklahoma Gas and Electric
321 N Harvey Ave
M/C 900
Oklahoma City, OK 73102

Point of Contact: Kandace Smith
Manager, Grid Modernization

(b)(6)

Contents

Kandace Smith	1
Christopher Marts.....	3
Brian Huckabay	5
Christopher Lelak	7
Nicole M. Rhodes	9
Dustin Nimmo	11
Lindsey Laird	13
Jeremy Pearman	15
Hermes Arevalo.....	17

Kandace Smith

Contact Information

Oklahoma Gas and Electric
P.O. Box 321
Oklahoma City, OK 73101

(b)(6)

Professional Profile

Utility professional with an electrical engineering degree, masters degree in business administration, and 19 years of experience in the electric utility industry. A leader with a wide range of utility experiences, including grid modernization, grid architecture, grid automation, interconnection standards, distribution planning and design, IT/OT integration, and real-time operating systems.

Education and Training

Bachelor of Science in Electrical Engineering

Oklahoma Christian University, Oklahoma City, OK

(b)(6)

Masters of Business Administration

Oklahoma Christian University, Oklahoma City, OK

(b)(6)

Professional Experience

Oklahoma Gas & Electric, Oklahoma City, OK

Jan/2019 – Present

Manager Grid Modernization

Reviewed the IIJA (Infrastructure Investment and Jobs Act) and identified the best opportunities for OG&E to pursue. Led cross-functional teams to select further projects to develop in advance of IIJA funding announcements. Led grant application development work across OG&E to establish a multi-year capital investment plan. Led a cross-functional team to establish and execute an \$800M+ Grid Enhancement Plan with investments in grid resiliency, grid automation, technology platforms, and communication systems. Responsible for program financial forecasts, including expected mechanism recovery, governance structure, program/project risk mitigation, and internal and external communication plans. Accountable for the development of Annual Investment Plans including, planning processes, guiding principles, investment optimization methodology, cost-benefit model, project selection methodology, the scope of work documentation, and long lead time material lists. Responsible for regulatory support including, written testimony, data requests, stakeholder meetings, and assistance with mechanism recovery strategy.

Oklahoma Gas & Electric, Oklahoma City, OK

Jan/2017 – Jan/2019

Product Innovation Manager

Monitored the market for new technologies (e.g., distributed energy resources, operational technologies) and created observations, insights, and recommendations to share with executive leadership. Created new product offerings, including associated regulatory work and implementation plans. Coordinated with leaders across OG&E to establish and execute strategic initiatives, as well as strategy work and creation of strategy presentation for OG&E Board of Directors.

Oklahoma Gas & Electric, Oklahoma City, OK
Manager Business Relationships & Requirements

Feb/2015 – Jan/2017

Created OG&E's business relationship management practice and established the initial team. Accountable for the interface and experience between OG&E's business units and IT. Established processes and best practices for business engagement, request management, and business requirement development. Partnered with key business leaders to establish business capability requirements, associated processes, and technology roadmaps. Worked with IT leadership to improve service levels delivered to business partners.

Oklahoma Gas & Electric, Oklahoma City, OK
Manager IT Energy Operations

July/2012 – Feb/2015

Accountable for the oversight, planning, operation, and maintenance of OG&E's real-time operating systems (e.g., ADMS, OMS, CADS, AMI). Worked closely with business leaders to establish technology plans for each operating system and capability maps for each business function. Established a roadmap for future IT/OT integration and architecture changes. Served on IT Transformation Leadership Team, which proposed and implemented changes to outsourcing strategy, organizational structure, and processes for the entire IT organization.

Oklahoma Gas & Electric, Oklahoma City, OK
Eastern Region Engineer

Oct/2008 – July/2012

Accountable for the design, operation, and reliability of OG&E's eastern region distribution system. Worked with construction supervision to coordinate the quick and safe restoration of the system during storm events. Led a team of distribution design staff across OG&E's eastern region to increase design productivity by 60% within the first year. Led a cross-functional team focused on improving reliability within the eastern region. Led resource planning and allocation efforts across OG&E's service territory for engineering and construction, resulting in a 60% reduction in required contract work.

Oklahoma Gas & Electric, Oklahoma City, OK
Distribution Design/Planning Engineer

May/2003 – Oct/2008

Designed jobs to extend or improve OG&E's electrical system. Projects included service to new businesses, reconductors, line extensions, equipment upgrades, and voltage conversions. Responsible for capacity planning for OG&E's distribution system. Projects included motor start studies, a power factor program, new substations, substation upgrades, voltage conversions, feeder tie lines, and new feeders. Responsible for reviewing peers' work products and training new engineers.

Appointments and Affiliations

Member of Edison Electric Institute's (EEI) IJJA Implementation Team
Member of OG&E's Women's Together Employee Resource Group
Town Clerk/Treasurer for Town of Paradise Hill, Oklahoma

Christopher Marts

Contact Information

Oklahoma Gas and Electric
P.O. Box 321 M/C 900
Oklahoma City, OK 73101

(b)(6)

Professional Profile

Performed various roles and positions in eight years of work for OG&E, which provided a well-rounded experience base and view of the Company. This experience laid the Foundation for the current position as Sr. Grid Innovation Engineer and my portfolio manager roles. Throughout the development and continuation of the Grid Enhancement processes, we focused on continuous improvements that not only greatly improved the quality of our processes, but also provided a good experience to improve and grow in the portfolio manager role. This experience should serve well in the role in OG&E's grant efforts.

Education and Training

Master of Science in Electrical Engineering

University of Arkansas Fayetteville, AR

(b)(6)

Bachelor of Science in Electrical Engineering

University of Arkansas, Fayetteville, AR

(b)(6)

Professional Experience

Oklahoma Gas & Electric, Oklahoma City, OK

Feb/2020 – Present

Sr. Grid Innovation Engineer

Performed the role of Portfolio Manager for OG&E's Grant opportunities. Leveraged past experience and processes from the same role in our Grid Enhancement program to design a program for OG&E's grant applications. Managed the program planning process and working with the various execution teams to ensure the plan can be executed smoothly. Performed the role of Portfolio Manager for OG&E's Grid Enhancement program. Developed process improvements to make the planning process more detailed, accurate, and efficient. Evaluated new technologies and opportunities and worked across the organization to ensure activities that OG&E should pursue. Strategized on how to further the Innovation culture at OG&E.

Oklahoma Gas & Electric, Oklahoma City, OK

Jul/2019 – Feb/2020

Sr. Transmission Operations Engineer

Worked with Transmission Control Center Operators to provide engineering support. Developed and improved operational and compliance solutions. Analyzed the transmission system and provided recommendations for improvements. Performed and supported various NERC, FERC, and SPP compliance efforts.

Oklahoma Gas & Electric, Oklahoma City, OK

Jul/2017 – Jul/2019

Protection and Coordination Engineer

Developed protection settings and programming relays on OG&E's transmission and distribution system. Performed and assisted others with protection coordination studies. Set up new synchrophasors on our system. Set up relays in our automated event report capture system.

Oklahoma Gas & Electric, Oklahoma City, OK

Jan/2015 – Jun/2017

Distribution Planning Engineer

Maintained assigned load areas and performed studies on those load areas looking at capacity, firming, voltage, etc., to ensure we could maintain power quality and accommodate future load growth. Proposed solutions to serve new customers and perform studies associated with the new loads to maintain good power quality (motor start analysis, large customer loads, etc.). Proposed projects needed to maintain the distribution system based on the various studies of the system (new substations, adding capacity to existing substations, load transfers, etc.)

University of Arkansas, Oklahoma City, OK

Jan/2013 – Dec/2014

Full-Time Graduate Student / Teaching Assistant

Coursework and research in pursuit of a Master of Science in Electrical Engineering focusing on power systems and electronics. Teaching assistant for Circuits Labs (January 2013 – May 2013), Digital Design Labs (August 2014 – December 2014), and the Freshman Engineering Program (August 2013 – May 2014). Research assistant for the Center for Grid-Connected Advanced Power Electronics Systems (May 2013 – August 2013). Instructor for the Explore Engineering Program and Engineering Summer Academy (May 2014 – August 2014).

Brian Huckabay

Contact Information

Oklahoma Gas and Electric
P.O. Box 321
Oklahoma City, OK 73101

(b)(6)

Professional Profile

15 years of progressive engineering, project management, asset management, and utility operations leadership experience.

Education and Training

Bachelor of Science in Mechanical Engineering

Oklahoma State University, Stillwater, OK

(b)(6)

Masters of Business Administration

Oklahoma City University, Oklahoma City, OK

(b)(6)

Professional Experience

Director Distribution Engineering and Technical Services

Feb/2021 – Present

Oklahoma Gas and Electric, Power Supply Services

Accountable for leadership of the Distribution Engineering teams responsible for designing the distribution system serving over 840,000 customers in the Oklahoma/Arkansas service territory. Accountable for leadership of the Asset Management team responsible for managing the Transmission, Substation and Distribution Assets. Accountable for leadership of the Analytics and Performance Consulting team.

Director Power Supply Services

Sep/2017 – Feb/2021

Oklahoma Gas and Electric, Power Supply Services

Accountable for leadership of the Operations and Maintenance Engineering, Asset Condition Monitoring, Capital Project Management and Construction Services Groups with accountability to a 7,000MW power generation fleet. Served as business unit subject matter expert and witness for regulatory proceedings. Led due diligence activities for the acquisition of two merchant power plants.

Plant Director

Jun/2015 – Sep/2017

Oklahoma Gas and Electric, Horseshoe Lake Power Plant

Accountable for safely operating and maintaining a 950 MW power generation facility comprising 3-Rankine Cycle Natural Gas Peakers, 2-LM6000 Simple Cycle combustion turbines, and 2-FT4 Simple Cycle combustion turbines. Managed an annual O&M & Capital Budget of approximately \$10MM. Provided vision, strategy, and personal development guidance to the leadership team. Led cross functional team with Supply Chain department members to strengthen relationships and improve procurement processes.

Manager Engineering & Inspection Services

Jun/2014-Jun/2015

Oklahoma Gas and Electric, Power Supply Services

Managed Corporate O&M Engineering, Capital Engineering and Construction Inspection groups with accountability to a 7,000MW power generation fleet. Served as the Power Generation representative on a cross-functional team tasked with developing an enterprise-wide optimized capital budget.

Manager Plant Maintenance

Aug/2011-Jun/2014

Oklahoma Gas and Electric, Redbud Power Plant

Accountable for maintenance of 4-1x1 GE 7FA Alstom Steam Turbine Combined Cycle plant. Negotiated amendment of Long Term Service Agreement to include Compressor enhancements and Advanced Gas Path Upgrades. Managed execution of successful Major Maintenance Outages for all Gas Turbines, Steam Turbines, and Generators.

Plant Engineer

Jun/2007-Aug/2011

Oklahoma Gas and Electric, Sooner Power Plant

Provided technical support for the maintenance and operations of departments. Conducted equipment performance testing and operational testing. Served as Project Manager for Capital and O&M projects. Prepared Scope of Work to obtain competitively.

Christopher Lelak

Contact Information

Oklahoma Gas and Electric
P.O. Box 321
Oklahoma City, OK 73101

(b)(6)

Professional Profile

20 years of progressive engineering and project management experience, including \$5B capital projects within the utility space. Overall execution governance responsibility for Grid Enhancement projects through 2023.

Education and Training

Bachelor of Science in Electrical Engineering

Rose-Hulman Institute of Technology

(b)(6)

Project Management Professional Certificate

PMP1764232

Professional Engineer

State of Oklahoma 322204

Professional Engineer

State of Indiana PE10810162

Professional Experience

Oklahoma Gas and Electric, Oklahoma City, OK

Feb/2018 – Present

Director of Capital Projects

Overall accountability for a project portfolio of Transmission, Substation, Distribution, and Power Generation Projects totaling \$200 to \$300M annual spend. Provided leadership and vision for a 27-person department comprised of Project Managers, Project Controls Professionals, and Land Management personnel.

Oklahoma Gas and Electric, Oklahoma City, OK

Apr/2015-Feb/2018

Expert Project Manager

Overall success responsibility for two circulating fluidized bed scrubbers and baghouses at Sooner Station. Project was completed with Zero Lost Time Accidents in 3.2M Mhrs. Project was completed on-time and under budget. Project met all contractual performance guarantees.

Oklahoma Gas and Electric, Oklahoma City, OK

Jan/2014 – Apr/2015

Lead Project Manager

Overall success responsibility for two circulating fluidized bed scrubbers and baghouses at Sooner Station. Project Completed with zero lost time accidents in 3.2M Mhrs. Project was completed on-time and under budget. Project met all contractual performance guarantees.

Duke Energy, Cayuga Indiana

Mar/2019 – Present

Project Engineering Manager

On-Site Lead Engineering and Contracts Manager for an SCR Retrofit Project. Dry Sorbent and Activated Carbon Injection. Dry Ash Transport and Fixation Project on Cayuga Generating Station, a twin 525MW coal-fired power plant.

Appointments and Affiliations

Member, Project Management Institute. No remuneration was received.

Nicole M. Rhodes

Contact Information

Oklahoma Gas and Electric
P.O. Box 321
Oklahoma City, OK 73101

(b)(6)

Professional Profile

Professional leader with over 20 years of progressive experience in operations management, lean manufacturing and cost performance initiatives, large-scale reorganizations, contractor management, safety, quality applications and product, service and process development initiatives. Reputation for building measurable value through hands-on leadership with continuous improvement in combining vision, strategic orientation, and strong business acumen. Proven experience in interfacing with all levels of internal and external management, front line team members, international operations and external suppliers and contractors. Responsible for the project management, contracting strategy, resource planning and execution of Grid Enhancement Projects through 2023.

Education and Training

Master of Business Administration

Southern Nazarene University, Bethany, OK

(b)(6)

Bachelor of Science in Industrial and Systems Engineering

Georgia Institute of Technology, Atlanta, GA

(b)(6)

Professional Experience

Oklahoma Gas & Electric, Oklahoma City, OK

Jan/2021 – Present

Director, Transmission & Distribution Construction, Resource Planning and Coordination

Provided both strategic and operational planning and oversight to a 500+ member team responsible for T&D operations functions, transmission & distribution construction, distribution project management, scheduling/planning, coordination, vegetation management, transmission & distribution contracting. Ensured safe, reliable, efficient and compliant operations of T&D assets while expanding, maintaining and/or modifying existing electrical infrastructure to provide new or enhanced electrical service to all customers.

Sr. Manager, T&D Resource Coordination Operations & Scheduling

Jan/2014 – Jan/2021

Responsible for providing oversight for Transmission & Distribution contracting, including overhead, underground and vegetation management, to ensure daily schedules and project timelines are met. Oversaw the Company's integrated resource plan and was responsible for the analysis of data to ensure compliance with targets and metrics. Responsible for ensuring capacity was managed, resources were efficiently utilized, and contractors met performance requirements. Developed contracting strategies to drive consistency and cost reductions.

Business Performance Improvement Consultant Lead

Apr/2011-Jan/2014

Internal performance consultant responsible for interacting with senior-level executives, directors, and subject matter experts. Analyzed, recommended, implemented and supported significant business performance change in the form of transformational or incremental business performance change across all business areas, including operations, commercial, administrative, and infrastructure activities.

Terex Roadbuilding, Oklahoma City, OK
Director of Operations

Mar/2010 – Apr/2011

Oversaw engineering, scheduling, pre-fabrication, welding, assembly, and Research and Development manufacturing operations for multiple product lines. Implemented Lean Manufacturing practices across all product lines, focusing on meeting customer expectations and increasing revenue.

Manager, Process & Manufacturing Engineering

Jan/2007 - Mar/2010

Responsible for managing the process and manufacturing engineering departments, which included process improvement/industrial engineering, R&D, organizational lean implementation, routing and CNC programming, master scheduling, tooling, and fixturing. Developed strategies and programs that improved the productivity and efficiency of various work processes.

United States Postal Service, Oklahoma City, OK
New Facility Activation Project Manager

May/2006-Jan/2007

Project Manager responsible for overseeing the design, planning and execution/build of a new \$180M mail distribution processing facility. Responsible for budget compliance, coordinating with contractors, maintaining project schedule and tracking progress to completion.

Process/Industrial Engineer Lead

Aug/2003-May/2006

Responsible for managing all capital equipment deployment projects from site prep to acceptance testing including SOW preparation, vendor selection through bid solicitation, maintaining budget, and establishing operational procedures. Developed City-Wide Emergency Management Plan in conjunction with government entities and organizations for bio-hazardous emergency management. Managed multiple customer programs, which included market analysis, vendor selection, new product pilots and analytics, customer satisfaction surveys, operational readiness and go-live project plans. Responsible for determining staffing needs based on processing schedules and yearly volumes. Developed Standard Operating Procedures, Operations Processing Schedules and Process Flowcharts for all mail flows.

Appointments and Affiliations

Oklahoma One-Call Board of Directors President - 2013 – Present

Urban League of Greater Oklahoma City Board Member – 2020 – Present

DuPont STOP for Supervision Behavioral-Based Safety Certification

Certified Lean Workshop Toyota Production System Leader

Production Preparation Process & Gemba Kaizen Shingijutsu Japanese Co, Ltd.

Member of Institute of Industrial Engineers

Top 50 Outstanding Women in Manufacturing – National Association of Manufacturers

Dustin Nimmo

Contact Information

Oklahoma Gas and Electric
P.O. Box 321
Oklahoma City, OK 73101

(b)(6)

(b)(6)

Professional Profile

Accomplished leader with expertise in all facets of supply chain management. Skilled in providing strategic leadership of short and long-term goals in support of the Company's mission and core values, while collaborating with various members of the organization to achieve business and financial objectives. Highly adept at increasing process efficiency, ensuring continuity of supply and demand, and enhancing performance through strategic planning, while successfully leading and developing large teams.

- | | | |
|---------------------------------------|----------------------------------|----------------------------------|
| • Supply Chain Management | • Cross-Functional Collaboration | • Data & Market Analysis |
| • Material & Supply Management | • Analytical Problem Solver | • Project Management & Oversight |
| • Strategic Sourcing & Procurement | • Change Management | • Performance Management |
| • Supplier Development | • Business Process Optimization | • Team Leadership & Development |
| • Supply Chain Integration Strategies | • Vendor Management | |
| | • Communications & Negotiations | |

TECHNICAL SKILLS

SAP, Oracle, Smart GEP, Power BI, QuickBooks,
MS Office – Outlook, Word, Excel, PowerPoint, Access, and SharePoint

Education and Training

Master of Business Administration

Oklahoma State University, Stillwater, OK

(b)(6)

Bachelor of Business Administration

The University of Oklahoma, Norman, OK

(b)(6)

Professional Experience

OGE Energy Corp, Oklahoma City, OK

Nov/2015 – Present

Director of Supply Chain

Provided leadership, oversight, and strategic direction for a supply chain organization responsible for strategic sourcing, demand planning, procurement, material management, and logistics on over \$1 billion in annual spend. Increased Supplier Diversity Spend from \$30M to \$160M over a five-year period. Achieved \$92 million in savings over a two-year period. Drove a 50% reduction in cycle time through automation and efficiency. Led a team of about 100 members with zero recordable injuries for over three years.

OGE Energy Corp, Oklahoma City, OK

Mar/2014 – Nov/2015

Sr. Manager of Utility Strategic Sourcing

Strategic thought-leader responsible for market analysis, strategic direction and managing execution of all aspects related to sourcing and contracting for goods and services. Shared best practices among all leadership and category managers. Led the development of commodity strategies that exceeded year-over-year cost savings targets. Developed a robust supplier risk assessment process. Established strategic supplier relationships mitigating risk and driving value. Led commodity strategy teams that were challenged with identifying and developing a World Class Supply Base to support the Company's Strategies, and Project Execution. Developed, administered, and maintained strategic partnerships and alliances with key suppliers to provide the Company with competitive advantages, including the lowest total cost, highest quality products, and superior customer service.

OGE Energy Corp, Oklahoma City, OK

Feb/2011 – Mar/2014

Manager of Strategic Sourcing, Subcontract Services

Provided leadership, oversight, and strategic direction for a team of Buyers and Category Managers to ensure efficient, lean, and cost-effective sourcing and procurement operations. Developed contract templates to drive efficiency and minimize risk. Established unit-based contracts that drove contractor efficiency and reduced internal resource requirements. Established and implemented the Company's first e-Auctions and Reverse Auctions leading to a 20% cost savings.

Appointments and Affiliations

Utility Supply Management Alliance - Board Member – Marketing Chair

Southwest Minority Supplier Development Council – Board Member

EI Chief Procurement Officer's Group – Member

Lindsey Laird

Contact Information

Lindsay Laird

Oklahoma Gas and Electric

P.O. Box 321

Oklahoma City, OK 73101

(b)(6)

Professional Profile

17 years of experience in integrated marketing communications and philanthropy, including leading one of Oklahoma's largest private family foundation's \$85 million gift to the Oklahoma City Community Foundation, including funding parameters, community evaluation committee selection, process updates and all communications.

Education and Training

Master of Science, Integrated Marketing Communications

(b)(6)

West Virginia University, Morgantown, WV

Bachelor of Arts, Journalism – Public Relations

(b)(6)

University of Central Oklahoma, Edmond, OK

Professional Experience

Oklahoma Gas and Electric, Oklahoma City, OK

Jan/2022 – Present

Manager, Community Outreach & Engagement

Oversaw OG&E's community outreach and engagement strategy to drive brand trust and foster brand loyalty, including external community events, education and school-based programming, donations and sponsorships, and employee volunteerism. Led OGE Energy Corp. Foundation and served as secretary.

Arnall Family Foundation, Oklahoma City, OK

May/2017– Jan/2022

Vice President, Programs

Led the execution of the Foundation's charitable strategy related to child welfare and criminal justice reform efforts. Developed partnership networks and cultivated relationships. Oversaw the implementation of Foundation projects. Represented the Foundation amongst community stakeholders, other funders, partners and service providers.

Saxum, Oklahoma City, OK

Aug/2006 – May/2017

Vice President

Oversaw the agency's business development efforts. Led the agency to achieve year-over-year growth. Led strategy for local, state and national client work in public relations, marketing and digital communications. Developed integrated communication plans for energy companies, telecommunication companies, and nonprofits. Led a team of marketing staff as well as the agency's internship and fellowship program.

Crosstrainers Fitness [no longer in existence], Yukon, OK

Aug/2002 – Dec/2006

Customer Service Representative

Served as the lead customer service representative responsible for new member acquisition and retention. Trained new staff.

Appointments and Affiliations

Oklahoma Commission on Children and Youth, commissioner and immediate past chair (2018-present). Appointed by Senate Pro Tempore Greg Treat.

ReMerge, board of directors, vice-chair (2018-present)

Positive Tomorrows Foundation, vice-chair (2022-present)

The Last Mile, secretary (2023-present)

Citizens for Children & Families of Oklahoma County, past council member (2017-2022)

Oklahoma Partnership for School Readiness Foundation, past board member (2019-2021)

Anna's House Foundation, past board member (2015-2017)

Citizens Caring for Children, past board member (2012-2015)

Linking Oklahoma City's Young Adult Leaders (LOYAL) Graduate Class IV

OKCBiz Achievers Under 40 (2014)

Phi Theta Kappa Honor Society

Sigma Alpha Lambda National Leadership and Honors Organization

Jeremy Pearman

Contact Information

Oklahoma Gas and Electric
P.O. Box 321
Oklahoma City, OK 73101

(b)(6)

Professional Profile

Worked for OGE for 12 years, six of which were in protection coordination when OGE began its grid enhancement work. Was in a leading role in determining what protective equipment to use on the distribution lines, how these devices were to coordinate with each other and how to break up our circuits to self-heal as much of the circuit as possible. Created or checked all the protection settings and circuit reconfiguration settings before the projects were sent to construction.

Education and Training

Bachelor of Science in Electrical Engineer

University of Arkansas, Fayetteville, AR Dec 2010

(b)(6)

Professional Experience

Oklahoma Gas and Electric, Oklahoma City, OK
South Region Engineering Supervisor

Oct/2021-Present

Oversaw daily distribution design work. Worked with construction and reliability to address any issues we may have on the distribution system and worked with teams to predict and plan for large future projects needed to sustain growth and demand in our region. Other roles held at OGE included Transmission Planning Engineer, Distribution Design Engineer, and SR Protection Coordination Engineer.

Oklahoma Gas and Electric, Oklahoma City, OK
SR Protection Coordination Engineer

Aug/2015-Oct/2021

Created coordination of TCCs and settings profiles for substation relays and distribution line reclosers. Worked with multiple groups within the Company to select and utilize the latest reclosers technology used in our grid enhancement build-out. Created CYME models to determine the placement needed for our distribution line reclosers to self-heal our circuits and have minimal customer impact per permanent fault. Worked to create one set of curves that could be used universally throughout our system to coordinate trip savers, intellirupters and the substation relay.

Oklahoma Gas and Electric, Oklahoma City, OK
Distribution Design Engineer

Aug/2013-Aug/2015

Worked with the customer and project manager to determine customer load needs, then designed how OGE would provide electricity for the customer. Jobs designed include new commercial business, residential customers, substation feeder exists, feeder lines, reconductors, and customer rebuild jobs.

Oklahoma Gas and Electric, Oklahoma City, OK
Transmission Planning Engineer

Jan/2011-Aug/2013

Forecasted and planned for future Transmission needs. Worked with SPP in creating load forecasts for OGE territory and kept the models up to date with the latest changes in the OGE transmission system.

Ozarks Electric, Fayetteville, AR
Intern

Jul/2008 – Jan/2011

Worked with GIS to track down and correct any mapping errors, and GPS any point in their territory that was missing from the mapping system.

Campbell Specialties, Fayetteville, AR
Construction

Aug/2001 – Jul/2008

Led various construction projects and teams. Completed construction work from framing to finish, metal, and wood.

Hermes Arevalo

Contact Information

Oklahoma Gas and Electric
P.O. Box 321
Oklahoma City, OK 73101

(b)(6)

Education and Training

B.S. Electrical Engineering

University of Oklahoma, Norman, OK

A.S. Pre Engineering

Oklahoma City Community College, Oklahoma City, OK

Licensed Professional Engineer

P.E. State of Oklahoma

Professional Experience

Oklahoma Gas & Electric

Jul/2001 - Current

Supervisor EV & DER Planning Engineer

Jul/2022 - Current

Managed the activities of the EV and DER planning department. Planned and coordinated with a different group in OG&E to prepare the Company for the emerging EV and DER technology in the distribution system.

Lead Transmission Operations Engineer

Jun/2015 - Jul/2022

Responsible for providing consultative advice and subject matter expertise for transmission system operations. Develop operational and compliance solutions that require engineering studies and oversight. Performed analysis of transmission system operations and performance and provided recommendations for system and operational improvement. Maintained the OSI-Operator Training Simulator. Maintained SPP-Southwest Power Pool real-time model of OG&E transmission system.

Lead Distribution Planning Engineer

Jan/2012 - Jun/2015

In addition to the responsibility of the Sr. Distribution Planning Engineer, additional responsibilities included critical load areas such as downtown Oklahoma City, OU Medical Center and the newly acquired Tinker distribution systems. Performed load area studies on these areas and ensured capacity for existing load and future load growth. Met with new large industrial and commercial customers (1000kVA above) to discuss their needs and propose solutions. Completed technical and economic studies to ensure accurate preparation of complex AFEs, typically in excess of \$1 million for projects to modify the distribution, substation and/or transmission system. Upgraded DAA software. Maintained cymedist and monitored to ensure it continued to meet OG&E standards. Performed DER planning study on solar, windfarm and battery storage on distribution circuit using Cyme software.

Sr. Distribution Planning Engineer

Apr/2007 - Jan/2012

Responsible for the development and implementation of plans for OG&E distribution systems (4kV-34.5kV). Performed reviews and approved various technical and economic studies to evaluate expansion and modification plans for OG&E transmission, substation, and distribution facilities. Worked with industrial and commercial customers to plan electrical service options. Provided support to Distribution Control Center for load transfer and system restoration during an emergency. Maintained and supported DAA- load forecasting tool used to project short-term and long-term load in Distribution. Used CYME distribution power flow software to make recommendations for the distribution system, including capacitors for Volt/VAR optimization, regulator study, load balancing, and ATO studies.

Sr. Compliance Engineer, Transmission Operation

Oct/2005 - Apr/2007

Developed and implemented a comprehensive training program for electric power system transmission operations and dispatching (69kV-345kV), including understanding the NERC standard for the bulk electric system, coordinating SPP black start plan, understanding OG&E policies in relation to SPP criteria, NERC and FERC rulings. Responsible for EPRI ANNSTLF, a software that projects the daily load of the OG&E system per hour for the next week based on the previous load and temperature. Responsible for work on SPP industry working group principally, NERC compliance audit and SPP operator training working group. Assisted the transmission scheduling department in preparing for the SPP and NERC audit. Trained and used GE PSLF for load flow studies, running an EPCL program to run n-1 contingency and check the emergency switching done on transmission lines for overload or voltage violation. Became a NERC Certified System Operator on the Reliability level.

Engineer, Distribution Planning

Jul/2002 - Oct/2005

Used CYME distribution analysis software to analyze the circuits (one to two circuits for motor start or ATO study to 10 or more circuits and several substations for a load area study) for load area distribution projects. Made recommendations for load transfer between the new circuit and surrounding circuits, phase balancing of all circuits in the load area, and possible locations for regulators, capacitors, and tie lines or reconductoring. Performed various technical and economical studies, such as placing capacitors for power factor correction or placing new distribution substations to support load growth of the area. Developed the CYME extract to get the circuit from ArcFM to CYME software.

Engineer, Distribution Engineering

Jul/2001 - Jul/2002

Performed labor and material estimation, project coordination, field survey, analysis, and design of distribution facilities for 120V to 34.5kV. To serve residential, commercial and industrial construction projects. Met with customers and performed load estimation for residential, industrial, and commercial jobs. Used Microstation, SAP, ArcFM (GIS), Microsoft Office software and various computer software on the job.

Appointments and Affiliations

United Way Community Investment Manager since 2020. Helped United Way review the different groups' funding applications for yearly funding allocation, Co-Chair for sub-committee 15 for 2022.

City of Moore Board of Adjustment member since 2019. Heard cases for the city of Moore's request for easement adjustment and voted to approve or disapprove the request and/or make recommendations.

Sendera Lakes HOA Officer since 2021. Served as a VP of HOA on the Sendera Lakes Homeowner association.