



Global Profile

Our Story

For over five decades, Electric Power Engineers (EPE) has been at the center of the electric power industry, solving complex technical challenges and helping shape the evolution of modern grids. Established in 1968, EPE was founded on the principle that deep engineering expertise and forward-thinking problem solving could unlock smarter, more resilient energy systems.





10,000+

Projects With Proven Results

50+

Years in Operation

EPE combines a rare blend of academic insight and practical experience, serving as a critical technical partner to utilities, regulators, and energy developers. As the energy landscape has grown more complex, EPE consistently adapts, expanding its capabilities in response to emerging needs in planning, operations, electrification, and market transformation.

Throughout its history, EPE has played a pivotal role in advancing distribution system planning and modeling, introducing innovative software solutions, and leading the integration of renewable energy into the grid.

The firm's technical depth, strategic perspective, and ability to translate engineering knowledge into actionable insights have made it a long-standing partner to some of the most sophisticated organizations in the energy space.

Our engineers, planners, economists, and software developers work together to deliver customized, data-driven solutions that provide reliable, resilient, flexible, and affordable electricity for industries and communities worldwide.



Who We Are

More Than Engineers

Electric Power Engineers (EPE) is more than a consultancy or software company — we're a trusted partner in engineering the future of energy. For over 50 years, we've provided innovative, reliable, and forward-thinking solutions across the electric power industry. From helping developers interconnect renewables in the 1990s to creating proprietary software that empowers grid modernization, our legacy is defined by our ability to adapt, lead, and deliver in an ever-evolving energy landscape.



“We take pride in what we do and the impact we make. It's about creating meaningful results together, celebrating individual successes, and thriving as a team.”

Hala Ballouz

Co-Founder and Chief Vision Officer



Values



Lead as a Trusted Partner

Acting with integrity, professionalism, and care.



Embrace Inclusion

Celebrating our differences and fostering belonging.



Support Each Other Toward Excellence

Prioritizing collaboration and continuous growth.



Go Where Others Think It's Not Possible

Innovating boldly, always a step ahead.



Inspire Impactful Change

Delivering meaningful results for people and the planet.




Mission

To harness world-class expertise and innovative power systems technology to **engineer a successful energy transition.**

Vision

To be the leader and innovator in applying a holistic approach to study, design, and implement an **infrastructure that enables an integrated grid of the future.**





Our Approach

At EPE, we believe how we work is just as important as what we deliver. Our approach is rooted in partnership, precision, and a deep understanding of the evolving energy ecosystem. We take a holistic view of every challenge, considering technical, regulatory, and economic factors to deliver integrated, future-ready solutions.

Client-First Mindset

Every project is customized; no two clients or challenges are the same.

Holistic Perspective

Our solutions balance technical, economic, regulatory, and societal demands.

Breadth and Depth of Expertise

We bring technical fluency across the full energy value chain.

Results-Driven Partnership

We embed as an extension of your team, from concept through implementation.



Global Expertise, Local Execution

Powering Progress Around the World

EPE's reach spans continents, clients, and energy systems. We don't just consult; we embed, integrate, and deliver with precision and purpose. Our teams work across time zones and technologies to provide flexible, affordable, reliable, and resilient power solutions.



Flexible

Supporting evolving needs across energy users and markets.



Affordable

Optimizing systems to improve efficiency and reduce costs.



Reliable

Reducing outages and risk through proven engineering solutions.



Resilient

Designing for durability in the face of disruption.

Global Offices



North America

Austin, TX – Headquarters
Champaign, IL
Vancouver, Canada
Toronto, Canada



Central America

Panama City, Panama



Middle East & North Africa

Beirut, Lebanon
Manama, Bahrain

Industries & Client Focus

Shaping Energy Solutions Across Sectors

EPE partners with clients across the energy ecosystem — public and private, regulated and deregulated, local and global. From data centers to utilities to government agencies, our cross-sector experience means we bring relevant, real-world insight to every engagement. We understand the distinct challenges and priorities of each client and apply tailored strategies to meet their goals.

Industries We Serve



Commercial & Industrial

*Manufacturing Plants, Logistics,
Real Estate Developers*

We support energy efficiency, cost reduction, and resilience for high-demand users.



Data Centers

*Cloud Providers, Colocation
Centers, Blockchain Operators*

Our team designs and implements scalable, reliable power systems for always-on operations.



Government

*Federal Agencies, Municipalities,
International Development Groups*

By modernizing public infrastructure, we ensure energy security and resilience.



Investment Stakeholders

*Financial Institutions,
Insurance Companies*

We equip investors with risk analysis and technical due diligence for confident decisions.



Power Delivery

*IOUs, Municipal Utilities,
Cooperatives, ISOs/RTO*

We partner with utilities on planning, modernization, and regulatory compliance.



Power Generation

*Load Developers, Conventional
Generators, Merchant Transmission*

We focus on maximizing performance and profitability for traditional and energy generation assets.



Renewables & Storage

*Wind, Solar, and Storage
Developers and Owners*

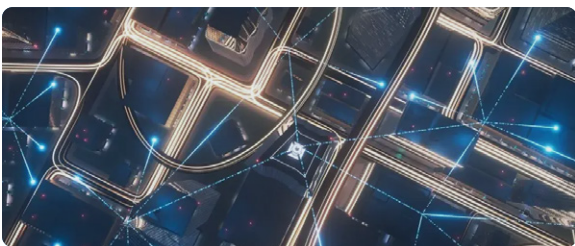
In providing end-to-end support, we help accelerate clean energy.

Engineering & Consulting Services

Solving the Grid's Most Complex Challenges

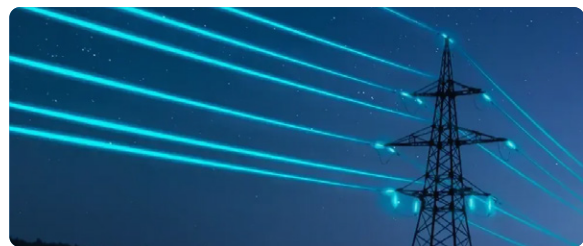
EPE provides a full suite of consulting services designed to navigate the increasing complexity of today's grid. Whether supporting long-range planning, enabling clean energy integration, or addressing emerging regulatory demands, we empower clients to plan smart, move fast, and deliver confidently.

Our Solutions



Digital Transformation

We streamline complex energy projects using proprietary and industry-standard software to automate workflows and ensure precision.



Distribution Planning & Engineering

From load growth to DER integration, we help modernize distribution systems for a more resilient, future-ready grid.



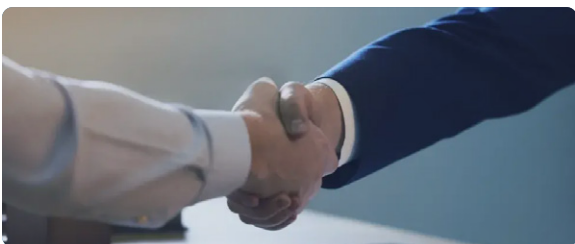
Electrification

Our tailored consulting services support infrastructure upgrades for buildings, fleets, and cities moving toward all-electric futures.



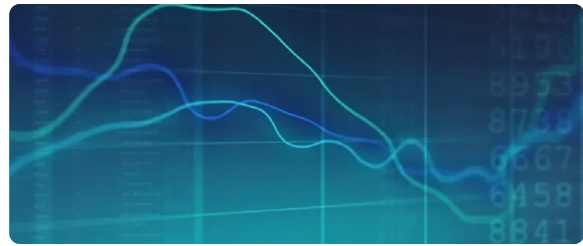
Engineering Services

Our experts function as part of your internal team, supporting system design, performance evaluation, and regulatory compliance.



NERC & Regulatory Compliance

Our advisors help you stay ahead of the curve, navigating compliance requirements with minimal disruption and maximum confidence.



Energy Market Analysis

We use real-time data and deep analysis to help clients seize market opportunities, minimize exposure, and plan strategically.



Grid Analysis & Interconnection

We deliver integrated interconnection solutions — from feasibility through integration — grounded in regulatory knowledge and technical accuracy.



Transmission Planning & Operations

From long-term system modeling to day-to-day operations planning, we help clients optimize transmission reliability and support renewable integration.

Software Solutions

Software For Smarter Energy Decisions

EPE's software solutions are built by engineers, for engineers, and designed to solve the real-world challenges of planning, operating, and transforming the grid. From site selection to capacity planning, our software unlocks deeper insights, accelerates timelines, and reduces risk. Backed by decades of power systems expertise, our technology empowers users to navigate complex data, make informed decisions, and adapt to a rapidly changing energy landscape.



ENER-i®

Real-Time Intelligence for Grid and Project Planning

ENER-i turns vast, complex datasets into actionable insights. By combining advanced modeling with predictive analytics, ENER-i enables smarter, faster decisions across the energy lifecycle, from site selection to grid operations.

- ✓ Grid Capacity and Hosting Analysis
- ✓ Forecasting and Scenario Planning
- ✓ Risk and Constraint Identification
- ✓ Real-Time Decision Support



InSights™

Data-Driven Site Selection and Feasibility Support

InSights provides high-fidelity modeling to support site selection, interconnection planning, and early-stage project evaluation. By integrating key datasets with an intuitive interface, the tool enables developers to assess grid constraints, identify potential risks, and make more informed decisions.

- ✓ Prioritize the Right Sites Faster
- ✓ Validate Project Economics Early
- ✓ Quantify Transmission Opportunities On-Demand
- ✓ Export Insights Seamlessly

Executive & Senior Leadership

EPE's leadership team brings decades of experience across energy, engineering, technology, and global business operations. Our structure reflects our global presence, extensive technical capabilities, and unwavering commitment to client success. We combine strategic vision with hands-on leadership to ensure every decision, project, and partnership is backed by industry insight and purpose.



Stephanie Badr, M.Eng, MBA

Chief Executive Officer



Hala N. Ballouz, P.E., M.Sc. EE

Co-Founder, Chief Vision Officer, Board Chair



Dana Smola, PHR, SHRM-CP

Chief People Officer



Hugo Mena, P.E., M.S., MBA

Chief Growth Officer



Kalyan Chilukuri

Executive Vice President, Energy Resources



Tamer Rousan, M.S. Sc. EE

Executive Vice President, Utilities



Billy F. Yancey III, M.Sc. EE

Vice President, Technical Services
and Compliance



Sultan Ennab

Senior Vice President, Software



Dan Kuklov

Vice President, Software



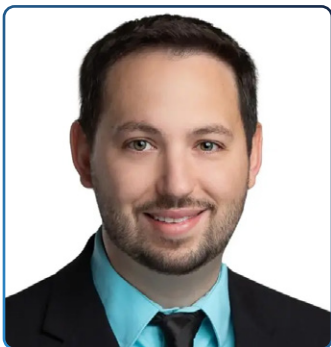
Christopher Wienbeck, MBA

Vice President, Sales and Business Development,
Energy Resources



Todd C. Frank, CF APMP

Vice President, Marketing and Communications



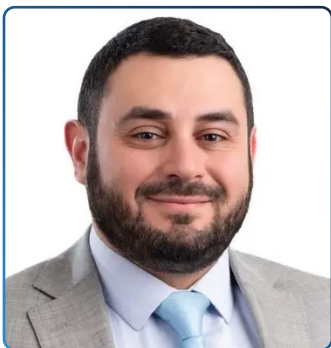
Tim Kopp

Vice President, T&D Planning and Operations,
Utilities



Alexandre Nicolas

Vice President, Engineering, PMO,
Regulatory Services



Carlo Mrad, M.Sc.

Managing Director, Power Systems Engineer,
Beirut Office



Ronald Barazarte, Ph.D.

Managing Director, Senior Engineering Manager,
Panama Office

Built For What's Next

As the energy landscape continues to evolve, so do the industry's needs. At EPE, we remain focused on delivering thoughtful, technically sound solutions that reflect the complexity and urgency of today's grid. With a global presence and a collaborative approach, we support clients across the energy value chain as they plan, adapt, and navigate change.

epeconsulting.com

