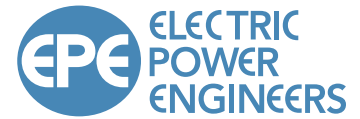


Generation Interconnection



Reliable Insights in a Condensed Timeline

Over the last 20 years, the electrical power industry has seen a significant increase in remote generation installations consisting of wind, solar, geothermal, and biomass renewable sources. These new-generation technologies provide the opportunity for increased grid efficiencies, availability, and reliability. To fully realize these benefits, remote resources must be designed and integrated into the overall bulk power grid in a way that minimizes generator contribution to undesirable effects on existing grid assets and operation. This requires generators to design, test, and commission systems in accordance with uniform regulatory criteria.

OUR SERVICES

- PSCAD Model Development and SSR Support
- PSCAD Model Tuning
- PSSE Model Development
- Dynamic Model Tuning and Testing
- PPC Model Development and Tuning
- TSAT Model
- PSLF Model Development
- ASPEN Model Development
- PSSE/PSCAD/TSAT Model Benchmarking and Tuning
- Complete Interconnection Applications for Utility Scale and DG Projects Across North America
- Complete Interconnection Application for Large Loads Across North America
- Preliminary Technical and Financial Feasibility Study
- Full Registration RARF and ERCOT Registration Support
- Planning Model RARF and QSA Requirement Support
- Interconnection Application Scoping Meeting
- General Interconnection Support

WHAT MAKES EPE UNIQUE

- With over 75 engineers dedicated to supporting developers, EPE has one of the largest teams in the Generation Interconnection space.
- We have completed hundreds of interconnection applications across all parts of the United States as well as some of the largest regions in Canada (AESO & IESO).
- The EPE team has in-house modeling capabilities for all of your project needs, including PSSE, PSCAD, ASPEN, and PSLF.
- We have expertise with niche requests, including Surplus Requests, Modification Requests, and Generator Replacement Requests.
- Our team has the ability to support you with not just the application process but the complete lifecycle of your project.

Addressing the Unique Needs of Your Industry Through Insight and Innovation

UTILITIES AND POWER DELIVERY

Increase efficiency and ensure accuracy by leveraging detail-driven consultants to perform power system studies and guide strategic future-focused decisions across grid modernization and transmission and distribution (T&D) planning to continue to serve electric consumers reliably and economically.

POWER GENERATION AND RENEWABLES

Gain high-quality project development and interconnection process support with a team of power generation consultants who are highly experienced in tasks including technical, economic, and feasibility studies, plant modeling and project design, market analysis, and site selection.

DISTRIBUTED ENERGY RESOURCES

Plan, study, and design DER and demand flexibility programs and strategies for electric networks that incorporate grid modernization and systems integration, T&D planning, and interconnection while accounting for customer needs and experience, navigating regulatory, technical, and policy requirements, and ensuring compliance. We empower our clients to optimize their distribution systems in an evolving environment.

ENERGY STORAGE

Achieve maximum results and ensure accuracy by depending on our full-service approach and client-centric team to assess and manage the complexities of storage projects, including program development, non-wires analyses, interconnection and market studies, and sizing optimization.

COMMERCIAL AND INDUSTRIAL

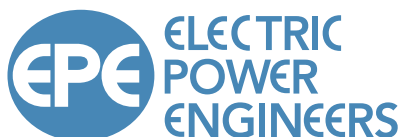
Reach sustainability and clean energy goals while reducing costs by turning to a team of power and energy experts to drive project development, lead modernization initiatives, and implement forward-thinking technologies and solutions.

GOVERNMENTS AND UNIVERSITIES

Drive key initiatives, including grid modernization, and interconnection, while maximizing resources. Benefit from our extensive experience in regulatory spaces and with government entities, exemplified by our guidance on policy and ratemaking decisions for public utilities commissions, collaborative research efforts, federal grants, and expertise in T&D planning. Partner with us to lead the way in driving innovation and policy guidance for a brighter energy future.

CONTACT US TO LEARN MORE ABOUT AN EPE PARTNERSHIP TODAY

contact@epeconsulting.com | 512.382.6700 | EPEConsulting.com



Electric Power Engineers, LLC (EPE) partners with power and energy clients across the globe to address complex engineering and grid modeling challenges, bridge gaps, and design and develop the grid of the future. Offering comprehensive services and proprietary solutions, our client-centric consultants deliver unmatched expertise and results by treating each project as if it were their own.