



Sound Grid Partners, LLC is an analytics, engineering services, and advisory firm that helps our partners make distributed energy resources (DER) a core part of the electric grid. We equip our customers to capture the unique opportunities of distributed energy resources while remaining firmly grounded in the engineering and business principles that keep our power system safe and reliable.

Founded in 2018 by two experienced utility and analytics professionals, we are a small and nimble team based in Seattle. We serve clients across the U.S. including electric utilities, their vendors and partners, and other energy service providers.

Summary:

We are seeking driven, independent professionals with strong communication and customer empathy skills, who also provide subject matter expertise in a technical discipline. We're looking for team members with a base set of general skills accompanied by at least one of the following three subject matter specialties:

- Power System Modeling and Analytics
- Electrical Engineering
- Energy Storage and Electric Power Markets and Policy

We are open to hiring at varied experience levels, and a job title will be crafted to best reflect your skills and experience. For example, if you're early in your career and have an analytics focus, it might be **Power System Analyst**, or if you're more senior in your career and have an engineering focus, it might be **Senior Power System Engineer** or **Lead Power System Engineer**.

Above all, we value individuals with high integrity, high competency, and curious minds. Must have a passion for pragmatically driving sustainable advancements in the use of DERs within a reliable, safe, affordable, and clean electric grid.

Location:

Seattle, WA / open to remote location

Description of Work:

This position will immediately be involved in client-facing projects that involve electric grid modeling, distributed energy resource design and procurement, and energy storage technology advisory services. Engagements with clients last months to years, and we pride ourselves on crafting close, long-term relationships with clients to support them at every stage of a DER project lifecycle.

Workdays are a blend of interacting with clients and coworkers, focused technical work, and crafting communications, from proposals to final deliverables. The only constants at SGP are a high variety in subject matter and working with leading practitioners in the energy space to advance the state of the art.

Depending on level of experience, work may be in partnership with current staff or involve independently managing customer engagements.



Description of Ideal Job Candidate:

We are looking for the strongest combination of the following skills and experiences (please consider applying if you meet a healthy subset):

Core Skills: for all positions		
<ul style="list-style-type: none"> • Excellent listening and synthesis skills, especially including working closely with clients to translate disparate regulatory, business, and power system objectives into a project work plan. • Fluency and adaptability in presenting technical analysis, including context, approach, key findings, caveats, and recommended actions, to customers in commercial and technical roles. • Skill in writing crisp and clear emails, lucid and interesting technical reports, and summarizing analysis in presentations that put a course of action on strong technical footing. • Comfort with uncertainty and experience making risk-adjusted and uncertainty-adjusted recommendations for action. • General background knowledge of the evolving landscape for electric utilities, grid modernization and regulatory trends, DER markets and technology, and familiarity with utility processes and programs. • Ability to handle lightweight project management, tracking scope, schedule, and budget for analytics, advisory, and engineering services projects. • Experience or interest in assisting with business development: talking with potential customers about their needs and how SGP could help, assisting in drafting proposals. 		
Modeling and Analytics Focus	Electrical Engineering Focus	Energy Storage Policy and Markets Focus
<ul style="list-style-type: none"> • Programming using python (preferred), MATLAB, R, or related language. • Statistical analysis for techno-economic valuation of DERs, with a focus on energy storage and solar+storage. • Defining objectives and creating specifications for simulations. • Communicating the results and methodologies of our analysis to technical and non-technical audiences. • A solid understanding of common electrical calculations and financial metrics used in energy project modeling. 	<ul style="list-style-type: none"> • Creating and reviewing technical DER specifications. • Creating and reviewing electrical one-line drawings for DER installations and utility substation and circuit infrastructure. • Familiarity with common utility procurement practices and the ability to objectively evaluate technology through a competitive procurement. • Licensure as a Professional Engineer (PE) or Engineer In Training (EIT). • Knowledge of standards related to utility operations and energy storage. 	<ul style="list-style-type: none"> • Knowledge of energy storage and other DER major components, supply chain, and economic trends. • An understanding of Independent System Operator (ISO) and Regional Transmission Operator (RTO) markets and operations. • Familiarity with energy storage and other DER federal and state incentive programs. • Familiarity with utility regulatory policy and process, including the ability to interpret and generate regulatory filings.

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Required qualifications:

- BS or MS in power systems engineering, electrical engineering, mechanical engineering, computer science, statistics, physics, or related technical field.
- 2+ years practical experience working in analysis of DERs in energy systems, in a utility, developer, regulatory, or vendor setting.
 - Academic research experience may be considered if working closely with an industry partner on real data or systems.

Additional Information:

We're a small, flexible company, operating with low overhead and high independence. You should be comfortable working in varied environments, including coworking spaces, client sites, and/or from your home office. Travel can vary from 0 - 20% but may be higher for limited durations. We are committed to a sustainable work-life balance and making time for family, play, and other interests.

We offer a competitive salary and benefits package, and an unusual degree of flexibility. We are an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex (including gender identity, sexual orientation, and pregnancy), national origin, age (40 or older), disability or genetic information.

To Apply:

Send a resume and a cover letter describing why you would excel in the position to info@soundgridpartners.com.