Job Title:	Sr. Performance Engineer	Position Type	Full Time
Department/Group:	Operations / Asset Management	HR Contact:	Sara Deslierres
Location:	Remote / Oakland, CA -HQ	Travel Requirements:	10%

Applications Accepted By:

Online application preferred, if you need accommodation for the online application, please contact us directly. To apply, click >>HERE<<	

Company & Job Description

Primergy is a developer, owner, and operator specializing in utility-scale solar PV and battery storage projects across the United States. The company manages a significant portfolio of operational and development-stage projects across major energy markets, including ERCOT, MISO, PJM, CAISO, WECC, and SERC. With a diverse and talented team bringing decades of expertise in renewable energy project development, financing, construction, and operations, Primergy leads the industry in delivering innovative and sustainable energy solutions. Primergy is a portfolio company of Quinbrook Infrastructure Partners and is the primary investment platform for Quinbrook Infrastructure Partners' solar and solar plus energy storage activities in North America.

Primergy is growing our small, experienced team to manage the significant growth in our business. We offer a fun, entrepreneurial culture, competitive compensation, and the opportunity to work with an experienced, achievement-oriented team.

ROLE AND RESPONSIBILITIES

The Sr. Performance Engineer will play an immediate and integral role in Primergy's Asset Management team's daily goal of maximizing revenue. The successful candidate will have experience in data analysis, reporting, and the energy industry. Helpful tools in the toolbox would include R/Python, Excel, SQL/databases, PVsyst and any data visualization platform.

Your main responsibilities would be to identify and communicate performance issues in our PV and BESS fleet, PVsyst modelling, create custom/ad-hoc data analyses for cross-functional business functions, and assist with monthly/quarterly reporting. Our main goal is to maximize revenue for our operating sites, while assisting with sites in development.

Even if you do not have experience in all of the below, we still encourage you to apply.

RESPONSIBILITIES INCLUDE

- Create PVsyst shadow models of our new and existing sites to help better understand IE assumptions and site performance
- Build scalable analytics, processes, and reporting to enable Leadership to clearly understand PV and BESS performance, risks, and opportunities
- Own site-level performance narratives, including root-cause attribution, budget variance and recommended actions
- Provide clear, defensible performance conclusions used in leadership and investor discussions
- Create and utilize outlier detection models to identify underperforming assets and work with members of Operations and Maintenance to create a gameplan for how to remediate issues
- Utilize Asset Management software platform and programming languages (R/Python) to conduct data analysis
- Translate contract requirements into metric calculations
- Drive asset performance improvements by applying engineering analysis, statistical methods, and data-driven insights to identify, prioritize, and remediate performance losses
- Create ad-hoc tools to evaluate performance deviations and quantify impacts
- Conduct A/B testing (pre/post analysis) to ensure improvements have been made after maintenance and upgrades to site equipment
- Travel several times a year to various locations for team-building and site visits; < 15% of the time
- Collaborate closely with Engineering, Operations, 3rd party vendors, Development, Finance, and Leadership

EDUCATION AND EXPERIENCE REQUIREMENTS

- Requires a Bachelor's degree in Engineering, Atmospheric Sciences, Computer Science or Statistics
- 3+ years of experience in Performance Engineering in the Renewable Energy industry
- 3+ years of data analytics experience using programming languages; R, Python, Matlab, PVLib, SQL
- 1+ years of experience with running PVsyst a plus
- 1 + Experience with using SCADA/ Met Station data
- Prior renewable energy experience preferred, but not required
- Experience with BESS analytics a plus
- Experience with interpretation of O&M, LTSA and/or PPA contracts a plus
- Experience with GADS reporting a plus

SKILLSET

- Honesty and integrity.
- Ability to work in a remote-first environment.
- Resourceful and accomplished research skills - ability to effectively utilize publicly available materials.
- Develop and maintain production-quality code to automate analytics, reporting, and performance workflows
- Ability to succinctly communicate and summarize complex issues into actionable deliverables.
- Driven, resourceful and comfortable working in an entrepreneurial environment.
- Rigorous attention to detail, work ethic, personal responsibility, work product ownership, andorganizational skills
- Requires the ability to stay current with changing technologies, regulations, and trends influencing the continued adoption of renewable energy.
- Commercial mindset, strong prioritization, communication, and organizational skills are required.
- Ability to quickly step into new tasks and adapt to new circumstances in a dynamic environment.
- Willingness to support critical deadlines or time-sensitive issues as needed

Primergy is committed to cultivating an inclusive and welcoming workplace. We encourage applicants from all backgrounds and do not discriminate based on race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, or veteran status. We understand that individuals from historically underrepresented groups — including women and people of color — may hesitate to apply if they don't meet 100% of the listed qualification. If this role aligns with your interests and career goals, we encourage you to apply even if you don't meet all the criteria.