SR. ENERGY ANALYST

Classification: Exempt
Reports to: Principal Engineer
Apply: Email **Cover Letter & Resume** to Anastasios Hionis, PE, CEO at: Stas@pvamps.com
Location: 2836 Redding Avenue **SACRAMENTO**, CA 95819

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PV AMPS is an Independent Engineering Consulting firm specializing in Technical Development, Electrical Design, Capacity Testing, Portfolio Evaluation and Forensics. We provide life-cycle strategy and solutions for stakeholders of Commercial and Utility-Scale Solar + Storage assets.

We are currently searching for a Sr. Energy Analyst to join our team. We are looking for an industry professional with experience in PVsyst Production Modeling, Capacity Testing, and Asset Evaluation to assist our clients Launch, Verify and Optimize PV assets throughout their life-cycle. This creative problem solver ideally has a curious and analytical mind, a love for detail and the ability to turn excel and python into actionable analysis for our clients. This position is based in the Sacramento, CA area, however remote work is an option. The following is a non-inclusive list of skills and functions we are looking for.

Essential Functions:

- Photovoltaic Resource Assessment and Equipment Configuration Evaluations
- PVsyst energy modeling including terrain shade analysis, soiling and snow profiles, probability of exceedance analysis and life cycle degradation projections.
- Conduct Capacity Testing including Exhibit Review, Test Plan implementation, Creation of As-Built Test Model and Capacity Test tool development and calculations.
- Validation of System sensors and Troubleshooting underperforming assets.
- Performance Evaluation for the Sellers, Buyers and Financers of PV Portfolios
- Operational Evaluation and Financial optimization for Asset Management Teams.
- System Feasibility Studies for Technical and Financial viability
- Support Forensic investigations and report development.
- Evaluation tool development in MS Excel and Python environments.

Skills / Attributes Required:

- Proficiency in PVsyst, MS Word, MS Excel, and familiarity with AutoCAD and Python
- Self-motivated, detail-oriented, ability to work independently with little supervision
- High emphasis on customer service, confidentiality and professional image
- Effective writing, communication, interpersonal, and public speaking skills
- Excellent time management, organizational, prioritization and problem-solving skills
- Able to work proactively and collaboratively in person and remote
- Creative thinker and tinkerer with a critical and curious mind.