



# Solar Development Engineer

## ABOUT US

Advanced Solar Products (ASP) is one of the leading Engineering/Procurement/Construction (EPC) firms for photovoltaic (PV) power systems on the East Coast. It designs and builds photovoltaic systems in all sectors from residential to large commercial and utility scale. ASP also conducts research and development programs in solar energy, including battery-based power systems for micro-grid and emergency back-up applications. ASP is an innovative and fast-growing company in a fast-growing industry. Its advocacy was instrumental in the formation of New Jersey's renewable energy program, and in making the state a leader in the nation in solar energy development. ASP offers competitive salary, benefit, and bonus programs commensurate with skills, experience, and accomplishments.

Advanced Solar Products currently seeks a full-time **Solar Development Engineer**. The position requires strong communication and coordination skills, and ability to strategize in a deadline-driven environment.

## Primary Responsibilities

- Assist with operational support, special projects including technical investigations and policy research. Review bid specifications and become familiar with proposal documents and contracts.
- Perform financial analytics including assisting in developing EPC cost / ROI models for PPA bids, project acquisitions, track costs, and identify overruns.
- Manage detailed layout design process for ASP's development pipeline
- Optimize designs for near-term project execution.
- Assist in evaluating the technical viability of proposed solar sites, including attending site visits for potential bidding opportunities
- Assist in coordinating proposal development and deliverables amongst the various teams involved in responding to RFP's, including technical RFI submittals.
- Utilize energy production modeling software (Helioscope, PVBid, PVsyst, SAM, Aurora, etc.)
- Establish a database of equipment and modeling tools, including PV modules and inverters.
- Act as a liaison between Procurement, Commercial Product, Sales and Delivery to ensure best practices are applied.
- Develop and maintain strong relationships with other solar EPC's, financiers, technology providers, OEMs, and O&M providers.
- Interface with solar module, inverter, and racking providers to obtain technical information and stay apprised of technology advancements, pricing, and market trends.
- Manage and develop templates to improve repeatable processes as part of the typical proposal deliverables.
- Evaluate project siting constraints, solar module, inverter, and racking technologies and solar resource data to maximize project value.
- Develop scopes for technical services and manage relationships with contractors.
- Collaborate with third party experts to identify key trends in the industry.
- Provide technical support to project development team related to permitting efforts and customer relations.
- Provide technical support during project financing process.
- Drive enterprise value through identification of opportunities to optimize spend, eliminate redundancy, improve performance, and mitigate risks.

## Preferred Qualifications

- 0-2 years' experience identifying, developing, and proposing solar projects for commercial, industrial, or public-school projects across the US.
- BS in Engineering preferred or equivalent experience, renewables, or similar field.

*Dedicated to Building a Sustainable Future*

- Experience with similar storage and renewables technologies is a plus.
- Ability to travel to jobsites in New Jersey and surrounding states.
- Willingness to go above and beyond what is required.
- Proven ability to work independently and manage multiple projects in a fast-paced environment.
- Excellent written and oral communication skills with the ability to communicate to all levels of the organization.
- Able to coordinate work product across multiple departments.
- Interest in furthering the entrepreneurial culture of a “can-do, will-do” work environment; regardless of whether the position description specifically identifies the task.
- Have a functional work-from-home workstation set up; amenable to working from home.