



## JOB DESCRIPTION: DEVELOPMENT ENGINEER

### POSITION SUMMARY

Hexagon Energy, a renewable energy project development company specializing in solar, wind, wave, biomass, and storage projects, is seeking a Development Engineer to support its portfolio of solar and wind energy projects. The Development Engineer will be responsible for providing technical support for projects from origination to late stage development (sales support). The Development Engineer will report directly to the Development Engineering Manager and work closely with Project Developers and Project Managers as a liaison between the Hexagon Energy development team and the technical disciplines involved in designing, permitting, and constructing renewable energy projects.

Candidates must demonstrate a keen interest in and knowledge of the renewable energy industry. The ideal candidate's career history should demonstrate the ability to efficiently and effectively balance multiple projects in a deadline driven, team-oriented environment. Attention to detail (accuracy and thoroughness) is a must.

Ideal candidates will have 2-3 years of renewable energy or equivalent industry experience. Experience with battery storage is a plus.

### ROLES & RESPONSIBILITIES

- RFP response support
- Develop constraints maps (GIS and CAD)
- Preliminary layouts
- Production estimates (PVSyst and SAM)
- Interconnection application management (utility POC, drafting IRs, preliminary interconnection feedback, reviewing and assessing studies, and GIAs)
- Bidding and managing outside environmental and engineering consultants
- Reviewing, assessing, clarifying results of preliminary studies (CIA, ESA phase I, EA, wetlands, geotech, ALTA, T/E species, CR, etc.) and identifying risks or design constraints.
- POC with federal, state, and local agencies (SHPO, DEQ, USACOE, building inspector, etc.)



- Support development team with local, state, and federal permits
- Assist project team with other projects on an ad-hoc basis
- Travel requirement – up to 50%, often on short notice

## SKILLS

- Broad technical understanding of overall project requirements
- Communication skills—ability to distill technical information to layperson
- Ability to balance multiple projects and prioritize needs with timely responses
- Creative problem solving
- Technical risk identification at all stages of development
- Ability to interpret construction drawings and review project documentation for technical requirements
- Documentation control
- Understanding of the relevant electrical codes, building codes, and permitting procedures for energy projects
- Experience with Google SketchUp and AutoCAD
- Familiarity with PV Syst, SAM, and/or First Solar Plant Predict production modeling software
- Familiarity with Geographic Information Systems (GIS)

## EDUCATION & ADDITIONAL CERTIFICATIONS

Applicants with a Bachelor's Degree in Engineering (Electrical, Civil, Structural, or Mechanical) are preferred. Other quantitative-focused majors will be considered.

## LOCATION

This position is based at Hexagon's headquarters in Charlottesville, Virginia.

## TO APPLY

All inquiries, please send a cover letter and resume to: [careers@hexagon-energy.com](mailto:careers@hexagon-energy.com). Please include the position name in the subject line.

To learn more about Hexagon Energy visit: [hexagon-energy.com](http://hexagon-energy.com).