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## **PV Project Engineer**

*LightWave Solar Electric, LLC* is the leading solar electric system design and installation company in Middle Tennessee, designing and installing residential and commercial solar PV systems across the state.

We believe that rapid integration of solar and other renewable energy sources into the conventional electricity grid is both inevitable and absolutely vital to creating a more secure and sustainable world.

We are looking for an experienced **PV Project Engineer** to work under the supervision of Project Managers on solar PV installation projects from the initial contact with client through to the site assessment, design, development, and proposal stage. The Project Engineer also takes the technical lead during the design, procurement, and construction phases of project execution.

### **PRIMARY RESPONSIBILITIES**

- Works closely with Design Engineers and Project Managers;
- Conducts residential and commercial solar site assessments and performs feasibility analyses to determine cost effective technology selections;
- Designs residential and commercial solar systems using AutoCAD and PV WATTS;
- Prepares residential and commercial cost estimates using Vision InfoSoft EBM 3000;
- Creates professional CAD drawings including one-line diagrams, structural designs, electrical designs, and PV array layouts;
- Prepares commercial solar PV system proposals;
- Prepares commercial project bills of materials;
- Works with engineers, architects, general contractors, owners, electrical inspectors and utility engineers effectively and in a professional manner.

### **KNOWLEDGE AND SKILL REQUIREMENTS**

- 3-5 years of work experience as a Project Engineer;
- 2+ years of PV experience;
- NABCEP Solar PV Installer Certification or ability to obtain within 6 months of hire;
- Excellent knowledge of the NEC Code and electrical contracting;
- Proficient with Auto CAD, cost estimating software, Windows XP, Microsoft Office;
- 4 year BS Engineering degree (mechanical/electrical) required;
- Disciplined, self-motivated work style;
- Desire to stay on the leading edge of the renewable energy industry;
- Strong work ethic, self motivation, organization and a can-do attitude;
- Team player who listens, and actively communicates;
- Visual thinker good at problem solving and implementing ideas;
- Valid driver's license.

LightWave Solar Electric, LLC is an Equal Opportunity Employer, offering health insurance and paid holiday, vacation, and sick leave. Compensation is based on experience.

At LightWave Solar Electric, LLC, we consider the environmental impact of our business decisions whenever possible. To minimize paper waste, we request that all candidates e-mail a cover letter and a resume together with salary requirements to [jobs@lightwavesolarelectric.com](mailto:jobs@lightwavesolarelectric.com). Please, no phone calls about this position.