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### **Job Summary**

The Solar Site Assessor is responsible for conducting site assessments for residential solar customers. The Assessor conducts home site visits and takes roof measurements and shade readings in order to obtain and communicate the necessary technical data to the Full Spectrum Solar project management team. Between meetings, the Assessor will upload photos and use simple solar-specific software to provide preliminary layout drawings for our project managers and other work as needed. This position will likely start as part time with the likelihood of becoming full time, based on our needs and the skills of the person hired. This position will likely end November 1st, unless there is a need the person would fit elsewhere in our company (such as preparing drawings, or helping complete physical installations until the end of the year). We would consider a student who has to return to school in the fall, but our preference would be a candidate who can work until October or November. To be considered for this position, you must include a cover letter explaining why you would like to do this work and how your experience fits the requirements.

### **Primary Duties and Responsibilities**

Responsible for every stage of solar site assessment, with primary focus on information completeness and timeliness.

- Interact with the customer in a friendly manner to while gathering facilities assessment data.
- Conduct a solar site assessment, including:
- Structural: Access the underlying structure of the roof (attic, crawlspace, etc.) to assess and take detailed measurements the rafters, truss, etc.
- Electrical: Access the main and sub electrical panels in order to assess solar interconnection.
- Shading: Access the roof in order to measure site shading and roof dimensions. Must be able to carefully access up to an 8 in 12 roof with Cougar Paws or similar roof gripping shoes. Must be able to carefully access steeper roofs with a roof ladder with hook and assistance, if needed.
- Upload solar site data to the design and project management team.
- Communicate with design team, as necessary, to explain site conditions and special circumstances.
- Coordinate with residential solar installation team to pre-emptively address special site conditions.

**Minimum Qualifications (Education, Experience, Skills)**

- Two years college minimum (Tech school or university)
- Basic construction understanding or technical education
- Able to exchange non-routine information
- Cheerful attitude and willingness to adapt to a small business work environment
- Good knowledge of computers and Microsoft Office, Excel
- Ability to multi-task
- Demonstrated interest in renewable energy

**Knowledge and Skills**

- Understanding of basic structural terms (rafter, ridge beam, etc.)
- Understanding of basic electrical terms (bus bar, breaker, etc.)
- The ability to add, subtract, multiply, and divide in all units of measure using whole numbers, common fractions, and decimals
- Ability to effectively use a PC, digital camera, and learn to use new tools, such as the Solmetric Eye for measuring shade.
- Excellent written and verbal communications skills required in order to prepare site audit document.
- Excellent organization and documentations skills.
- Strong interpersonal skills; the ability to work closely with multiple people.
- Ability to work without direct supervision.
- Ability to lift and operate an extension ladder
- Ability to access roofs as described in the Primary Duties and Responsibilities Section above.
- Ability to use multiple electronic items, including PCs, handheld devices, and digital cameras.

Job Types: Full-time, Part-time

Salary: \$14.00 to \$20.00 /hour.

Experience:

- construction: 1 year (Preferred)

Education:

- Associate (Preferred)