



## 7X Energy Internship Posting – PV Site Designer

**Name of Company:** 7X Energy, a leading utility scale solar developer based in Austin, TX

**Internship Title:** PV Site Designer

**In what department(s) will this intern be working:** Engineering

### **Job Description/Duties:**

- Build and update design templates, design tools, and excel calculators
- Create maps and exhibits as needed to support projects through the development phase
- Conduct energy generation estimates for projects and associated analysis on output profiles
- Engineering calculations related to PV equipment sizing and operation
- Create conceptual/preliminary AutoCAD layouts for utility scale solar projects to be used for customers, estimating take offs, permitting, and interconnection
- Evaluate latest PV solar energy layout modeling software and make recommendations on use

### **Required Qualifications:**

- Knowledge of MS Excel
- Excellent communication skills
- Attention to detail and ability to work independently
- Problem solving and ability to multitask
- Passion for renewable energy
- Ability to meet deadlines and work in fast paced environment

### **Preferred Qualifications:**

- Knowledge of PV system operation
- Prior drafting experience in AutoCAD
- Prior experience in solar energy modeling software

### **Who will supervise the intern:**

- **Name:** Rich Clark
- **Position:** Engineering Director

### **Will the intern be working in the field or in the office?**

- Office: 3809 Juniper Trace, Suite 100, Austin, TX 78738.

**How many hours per week will the intern be working?** 20-40

**Salary range:** \$15-20/hr

### **Required materials for application (i.e. resume, cover letter, etc.)**

- Resume and Cover Letter