**Electrical Distribution Design Engineer**
**Location:** Indiana, PA

Job Type: Full Time

**Role Overview**

At REA Energy, we are dedicated to delivery exceptional service and support to our members. **The Electrical Distribution Design Engineer** is responsible for designing, building, and updating electrical service lines to meet the needs of consumers while ensuring alignment with regulatory standards and organizational objectives.

**Key Responsibilities**

* **Design and Planning:**
	+ Stake and design overhead and underground electrical lines at customer sites.
	+ Obtain load information for transformers and wire sizing.
	+ Create staking sheets using computer mapping software for material lists and construction estimates.
	+ Acquire necessary Right-of-Way Easements and permits for project completion.
* **Project Management:**
	+ Oversee projects from initiation to completion, including as-built designs for system integration.
	+ Collaborate with utility companies and contractors to ensure project alignment.
	+ Recommend improvements to electrical distribution systems.
* **Administrative Tasks:**
	+ Assist with budgeting and work plan development.
	+ Provide mapping updates and technical drawings.
	+ Prepare reports and other documentation as requested by supervisors.
* **Operational Support:**
	+ Participate in on-call duties and assist during storm events or emergencies.
	+ Provide back-up support for administrative staff as needed.

The position involves both office and fieldwork, requiring adaptability to various environments, including moderate to challenging terrain and temperature extremes. Field duties may include working near mechanical hazards, confined spaces, and exposure to dust and odors.

**Expectations and Qualifications**

* **Education:**
Associate or Bachelor’s degree in civil engineering, mechanical engineering, electrical/electronic technology, or GIS preferred. Surveying experience is advantageous.
* **Experience:**
Prior experience in electrical distribution system construction and project management is highly valued.
* **Skills and Knowledge:**
	+ Proficiency in reading maps, electrical diagrams, and blueprints.
	+ Familiarity with National Electric Code, Rural Utility Specifications, and related standards.
	+ Strong analytical, communication, and problem-solving skills.
* **Physical Requirements:**
	+ The ability to lift 10-50 lbs. occasionally and walk up to one mile in varied terrain.
	+ Willingness to work irregular hours, as needed, and respond to emergencies as part of an on-call team.
* **Special Requirements:**
	+ Valid commercial driver’s license.
	+ Competence in using surveying equipment, personal computers, and standard office tools.

**Why Join Us?**

* **Consistent Schedule:** Monday- Friday 7:00am-3:30pm, with rotating on-call responsibilities.
* **Growth Opportunities:** Training and professional development programs.
* **Competitive Compensation:** Yearly review and pay increase opportunities.
* **Great Benefits:** Health insurance, retirement plans, paid time off,

**Join REA Energy Cooperative Incorporated** to play a pivotal role in delivering reliable electrical services to our community. Apply today to become a vital part of our engineering team!