

# Position Description



## Electric Vehicle Electrical Engineer (Riverside, Missouri)

Join and help build [Orange EV](#), a young, fast-growing manufacturer that's become an industry leader, building industrial-strength electric vehicles that are better for the earth, people and bottom line. Orange EV's T-Series pure-electric terminal truck (aka hostler, spotter, yard tractor, etc.) is the first commercially deployed electric truck of its type, doing the same job as diesels while eliminating the diesel fuel and emissions. As Orange EV grows, early team members will be favorably positioned to grow into higher levels of responsibility.

### Position Summary

We are searching for an Electrical Engineer for Orange EV's Engineering Team in Riverside, MO.

- Work in a team setting to develop and refine the electrical system designs for electric vehicles of on-road and off-road Class 8 trucks including charging systems, high voltage and low voltage DC systems, motor evaluation, controller evaluation, and other components.
- Create and maintain 3D models and 2D drawings in Autodesk Inventor / and electrical for electric vehicles including harnesses, circuit boards, schematics, etc.
- Organize CAD models in Autodesk and in Epicor ERP system.
- Organize parts into BOMs (Bill of Materials) for production trucks.
- Adherence to policies and procedures (e.g. safety).

### Position Qualifications

- Electrical Engineer with 1-3 years' experience in mobile and electric vehicle HV and LV design.
- 1-3 years' experience with Autodesk Inventor or Solidworks, and / or Autodesk Electrical.
- Previous experience in automotive or electrical CAD work.
- Strong electrical aptitude with the ability to embrace new technologies and ideas.
- Superior organizational skills with strong written and verbal communications skills.
- Enthusiastic about joining and helping build a young company; willingness to "do what it takes" to support our customers.
- Key Traits: positive can-do attitude; team oriented; leadership, initiative, maturity, dedication and punctuality.
- Education/Experience: BSEE from an Accredited University

### Ideal Candidates May Also Have

- Experience with software development including architecture set up, testing, and documentation processes.
- Experience in the heavy duty truck market.
- Understanding and experience with EPICOR ERP system, Inventor Server setup/specifications, and Inventor Vault Program.

### **Compensation & Benefits**

- Full-Time Salary Position – compensation commensurate with experience.
- Health care included.
- 2 weeks paid vacation per year plus holidays.
- Participation in company equity program.

### **Applicant Instructions**

We appreciate your suggestions or referrals to professionals who may have an interest in this outstanding opportunity. Please direct all inquiries and resumes to: [careers@orangeev.com](mailto:careers@orangeev.com).