



Energy 1

Electrical Engineer

Bozeman, MT

Energy 1 LLC is hiring an Electrical Engineer to join our team in Bozeman, MT.

Energy 1 is a nationally recognized design, construction, and consulting firm specializing in turnkey energy solutions for high-end residential and commercial clients. We deliver engineering, contracting, operations, maintenance, and management services — all geared toward the creation of sustainable energy systems designed to ensure comfort, harmonize with their environments, and optimize cost efficiency.

As part of the Energy 1 team, you will help provide comprehensive electrical engineering services geared to cover all facets of the construction process, beginning with design initiation, through the commissioning of systems.

Specific Duties Include:

- Develop and prepare detailed electrical engineering and construction installation documents and provide engineering support during the construction phase of a wide range of project types including residential, commercial, industrial, institutional, and healthcare.
- Design and drafting of power plans including receptacle layout and circuiting, mechanical and owner equipment power connections, main electrical equipment room layouts, 1-line power riser diagrams, emergency/back-up generator and uninterruptible power systems, panel and equipment schedules.
- Design and drafting of lighting system including light fixture selection and layout, lighting calculations, photometric lighting analysis, and lighting controls.
- Designing of special systems plans including fire alarm, voice/data, security, paging and public address systems.
- Write/edit project specifications (Masterspec divisions 26, 27, and 28).
- Coordinate with other disciplines to gather specific information required to provide complete electrical designs on schedule.
- Perform engineering calculations and studies for such items as power distribution system design, short circuit and coordination studies, lighting levels, etc.

Qualifications:

- Bachelor's degree in Electrical Engineering with minimum 5 years of applicable AEC experience. Project management experience preferred.
- Professional engineering license required.
- Proficient with AutoCAD and/or Revit, and Microsoft products including Excel, Word, Outlook, and Power Point.
- Excellent written and verbal communication skills and the ability to problem solve and apply critical thinking to time-sensitive situations.

Smart Energy. Clean Energy.™

2042 Stadium Drive, Ste 2, Bozeman, MT 59715 | 235 E Broadway, Jackson, WY 83001
406.587.2917 | www.energy-1.net



Energy 1

- Leads project teams as they perform their tasks and participate in budgeting, scheduling, and staff management.
- Must be highly organized and able to manage multiple projects and tasks at once.
- Working knowledge of the National Electrical Code, NFPA 101 Life Safety Code, International Building Code, and other applicable codes for building design projects.

We are an energetic and collaborative office, and we value people who work hard, are fun to work with, and have a positive impact on those around them. We offer outstanding benefits and compensation, including a hiring bonus plus relocation allowance. Flexible schedule and family-oriented environment, plus growth potential, all while enjoying boundless outdoor opportunities in two of the most beautiful places on earth.

To apply, send your resume to hr@energy-1.net.

Smart Energy. Clean Energy.™

2042 Stadium Drive, Ste 2, Bozeman, MT 59715 | 235 E Broadway, Jackson, WY 83001
406.587.2917 | www.energy-1.net