



**Full Time Position:** Research & Development (R&D) Electrical Engineer, Entry-level

**Company:** C-Power (Columbia Power) is a worldwide leader in Wave Energy Converter (WEC) systems. We are commercializing a next-generation solution that will deliver the qualities our customers need to develop profitable wave energy projects: survivability, competitive cost of energy, low environmental impact, and high stakeholder acceptance. The systems developed are scalable and deployable in a wide range of applications, from powering low-power oceanographic sensors to generating megawatt-scale electricity.

**Job Description:** The Electrical Engineer is responsible for producing cost-effective electrical designs that satisfy the unique specifications of C-Power's WEC. Balancing the cost of energy while ensuring system survivability is a critical aspect of the position. The professional will prepare design documentation, data, drawings, system descriptions, and contribute to periodic reporting requirements as assigned.

**Duties & Responsibilities:**

- Systems integration and instrumentation development
- Design of sensor components, material sourcing, and technical documentation
- Effective communication with and coordination of contractors employed during design work
- Test director support during full-scale deployments and other tank testing
- Project management (i.e. track and maintain bill of materials, drawing review, maintain schedule, etc.)

**Job Location:** Columbia Power's engineering office is located in Corvallis, OR. Remote operation/tele-commuting will be considered for well-qualified candidates.

**Travel:** Regional and international travel is expected, up to 25%

**Compensation:** Salary commensurate with education and experience. Most salaries will fall in the range of \$72,000 to \$90,000. Employment sponsorship is not available.

**Required Education:** Bachelor of Science in Electrical Engineering from an accredited institution or five years of relevant experience. An advanced degree is preferred.

**Qualifications, Skills and Experience:**

- Demonstrated success and an affinity for functioning in a collaborative team environment
- Ability to inspect electrical drawings and assemblies in order to note deficiencies in workmanship, design, and/or assembly process
- Experience with appropriate engineering design tools (e.g. SolidWorks, ANSYS AQWA, MATLAB, etc.)

**Additional Experience Desired:**

- Machine drives integration and control
- Data acquisition and processing experience
- Shipyard experience and/or experience with government contracts
- Enthusiasm for renewable energy

**To be considered for this position, please submit your resume with a cover letter indicating how you can contribute to the ongoing success and technical development of C-Power to [careers@columbiapwr.com](mailto:careers@columbiapwr.com).**