



Full Time Position: Research & Development (R&D) Mechanical Engineer

Company: C-Power (Columbia Power) is the worldwide leader in direct-drive 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 oceanographic sensors to generating megawatt-scale electricity.

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

Duties & Responsibilities:

- Effective communication with, and coordination of, contractors
- System development and subsystem integration
- Design of structural components & mechanisms, material sourcing, and technical documentation
- 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 is commensurate with education and experience. Employee stock options also available.

Required Education: Bachelor of Science in Mechanical 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 manufacturing, assemblies, and builds, and note deficiencies in workmanship, design, and/or assembly process
- Experience with appropriate engineering tools (i.e. SolidWorks, ANSYS AQWA, MATLAB etc.)
- Competent with MS-Office

Additional Experience Desired:

- 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.