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Staff Engineer

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Staff Engineer

Status: Exempt (salaried)**Department:** Giner R&D

Position Summary

The Staff Engineer role will support the design and development of electrolyzer systems and associated components for current and future products. The occupant of this role will be actively involved in the design, construction, control system integration and operation of electrolyzer test stations. The role requires knowledge systems and controls. Knowledge of fuel cells or electrolyzers desirable. *We welcome recent graduates to apply!*

Core Duties and Responsibilities

- Work on internal and government funded research projects in the area of electrode or membrane and electrode assembly (MEA) design, development, evaluation and analysis
- Hands on assembly of electrolyzer systems including plumbing, wiring, check out
- Construction and operation of electrolyzers and sub-assemblies
- Maintain, analyze and present testing result
- Perform other duties as assigned

Education and Experience

- Bachelors degree in Chemical, Mechanical or Electrical Engineering

- LabVIEW and/or other programming languages
- Solidworks, COMSOL, AutoCAD
- Hands-on experience in large-scale MEA manufacturing
- Prior experience in electrochemical tests (i.e. cyclic voltammetry, impedance, fuel cell, electrolyzer)
- Ability to work in a fast-paced, rapidly changing environment
- Exceptional data analysis and presentation skills
- Demonstrated aptitude for systems thinking and creative problem solving
- Ability to work effectively in both a self-directed and team environment
- Ability to manage multiple projects, prioritize, and meet deadlines
- Strong organizational skills and attention to detail
- Proficient computer skills including Microsoft Office software
- Must be highly driven and motivated to achieve goals

Plug Power, Inc. is committed to creating a diverse environment and is proud to be an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, gender, gender identity or expression, sexual orientation, national origin, genetics, disability, age, or veteran status.

About us

Plug is building an end-to-end green hydrogen ecosystem to help its customers meet their sustainability goals and decarbonize the economy. In creating the first commercially viable market for hydrogen fuel cell technology, the company has deployed more than 50,000 fuel cell systems for e-mobility, more than anyone else in the world, and is the largest buyer of liquid hydrogen. With plans to build and operate a green hydrogen highway across North America, Plug is building a state-of-the-art Gigafactory, more than 150 refueling stations, and multiple green hydrogen production plants that will yield 500 tons of liquid green hydrogen daily by 2025