



Director, Systems Engineering

About us

Form Energy is a small team of passionate people committed to helping the world transition to a 100% renewable energy electric grid with new technology. We are developing a new class of ultra low cost, long duration energy storage systems which will make renewable energy fully dispatchable year-round and scalable worldwide. The company's core technology was invented at MIT and is supported by category leading investors including Breakthrough Energy Ventures, The Engine, and Prelude Ventures. Our team members are active learners who enjoy working on tough technology problems that can only be solved with a combination of technical innovation, hard work, and joy. We are looking for world-class people to help us succeed.

Role Description

This is an opportunity to take on a technical leadership role in the early stages of an exciting energy storage technology startup. We are looking for an experienced engineering leader to drive the development of our integrated systems with a strong early emphasis on system design, prototyping and testing. The successful candidate will bring domain experience and a demonstrated track record of cross-functional technical leadership to drive to significant milestones on aggressive timelines.

What You'll Do

- Lead the design and configuration of power systems to scale the core electrochemical cell to >1MW product building block scale and control the core electrochemical building blocks for optimal cost/performance. This includes:
 - Definition of cost-optimizing architectures to stack cells to modules to fully-scaled, grid-connected, bi-directional power plants
 - Ex-cell current collection & power electronics
 - Cell and system monitoring and controls
- Lead the design, build, and test cycles of integrated system prototypes
- Hire, develop, and lead a world-class team of engineers to achieve these outcomes

What We're Looking For

- BS or MS in Electrical Engineering, Mechanical Engineering, or related field

- 10-15 years professional experience in electromechanical product design and development, preferably with a mix of early-stage development and later-stage production experience. *Previous experience in energy storage systems is preferred.*
- Deep experience in power systems and controls required.
- Demonstrated track record of leading innovative cross-functional teams to deliver outstanding results on tight timelines and budgets.

Characteristics

- Enjoy the fast paced, results driven environment of a startup
- Excellent organizational, communication, and presentation skills a must!
- Hands-on approach to creative engineering problem solving; willing to “roll up the sleeves” when needed
- Comfortable using cutting-edge modeling tools and approaches to enable rapid design iteration and improvement
- Data-driven decision maker with high attention to detail
- High personal accountability with a team first approach
- Able to work well in cross-disciplinary project teams and deliver results