

Position Title: Electrical CAD Drafter

Accountable to: Director, Application Engineering

Location: Bangalore, India

Seniority: Mid-Senior

Introduction

Edify Engineering solution is a Bangalore based advanced engineering and consulting organization that specializes in Strategic consulting services, Turnkey solutions, Manufacturing and Supply chain management services with a team of 20+ members from various technical & non-technical disciplines. Backed by a combined experience of over 120+ years, we deliver unique & disruptive solutions catering to customer needs and are driven by enthusiasm and endurance to achieve this goal.

Our client, Energy Vault is the creator of renewable energy storage products that are transforming the world's approach to utility-scale energy storage for grid resiliency. Our client's comprehensive offerings include our proprietary gravity, battery, hybrid/green hydrogen energy storage solutions and our technology-agnostic software suite that orchestrates and integrates multiple energy asset types (storage & generation) while optimizing dispatch, costs, revenues, and overall asset performance.

About the role

As Electrical CAD Drafter, you will draft layouts, electrical single line and three line diagrams, of our energy storage systems. You will also support applications teams on point-to-point diagrams

What you will do

- Participate in reviews and work with applications/proposal engineers to transfer battery storage system size to layout and electrical diagram
- Interpret single line diagrams provided by the customer to be able to integrate with Energy Vault's integrated solution
- Design and evaluate system according to safety regulations and NEC and European requirements
- Develop electrical design, schematics and drawings in 2D
- Develop cable schedule for single line and three line diagrams
- Develop schedule for weights and dimensions for layouts
- Shape a culture of collaboration, innovation, constant improvement, excellence, transparency, open mindedness, humility, integrity, efficiency, joy, compassion, and fulfillment

What a qualified candidate should possess

- Associates degree in Electrical Engineering or Engineering Technology
- 5+ years' field experience in electrical CAD design
- Familiarity with international design standards (UL, ICE, etc.)
- Experience commissioning and documenting electronic systems
- Experience with Renewable Energy, Energy Storage Systems, PV/Solar or Wind Turbine Electrical and system layout diagrams

Preferred

- Experience with network diagrams
- Experience with LV, MV and HV electrical system design