



Job Title: Energy Marshal

Location: Huntsville, Alabama

Position Summary:

The Energy Marshal is an essential leader in the energy management process at a hyperscale data center construction site. This position ensures the safe execution of all energy-related activities, including overseeing Lockout/Tagout (LOTO) procedures, electrical isolation, and re-energization efforts. The Energy Marshal works closely with the General Contractor (GC), electrical contractors, and commissioning teams to ensure that energy operations are carried out with the highest regard for safety, compliance, and operational efficiency.

This role demands an in-depth understanding of electrical systems, exceptional leadership in safety protocols, and the ability to collaborate across multiple stakeholders, including the project management team, commissioning agents, client representatives, and subcontractors. The Energy Marshal is ultimately responsible for safeguarding personnel and equipment from hazards associated with the energy management processes on-site.

Key Responsibilities:

1. Energy Isolation & Electrical Safety Management

- **Lockout/Tagout (LOTO) Program Oversight:** Develop, implement, and manage comprehensive LOTO programs for the construction site, ensuring all personnel are trained and compliant with safety protocols.
- **Energy Isolation Procedures:** Oversee the isolation, de-energization, and re-energization of electrical systems to guarantee a safe working environment during both construction and commissioning phases.
- **LOTO Permit Issuance:** Coordinate, review, and approve LOTO permits, ensuring that all electrical and mechanical systems requiring energy isolation are documented and safely managed throughout the project.
- **LOTO Auditing & Verification:** Conduct regular audits and inspections to confirm adherence to LOTO procedures and verify that energy isolation steps are correctly followed by all site personnel.



2. Safety and Regulatory Compliance

- **Safety Leadership:** Act as the on-site authority for energy safety practices, enforcing compliance with local, state, and federal regulations (e.g., OSHA, NFPA 70E) as well as project-specific safety requirements.
- **Risk Assessment & Mitigation:** Perform thorough risk assessments of electrical and mechanical systems, identifying potential hazards associated with energy operations. Develop mitigation strategies to minimize risks.
- **Incident Investigation & Reporting:** In the event of an electrical safety incident or near miss, lead detailed investigations, prepare formal reports, and implement corrective measures to prevent future occurrences.
- **Electrical Systems Safety Reviews:** Ensure that all high-voltage electrical systems and equipment are reviewed for safety compliance prior to energization or commissioning, addressing any identified deficiencies immediately.

3. Project Execution Support & Commissioning Interface

- **Commissioning Phase Energy Management:** Collaborate closely with commissioning teams to manage energy systems' integration into the facility, ensuring smooth and safe energization, startup, and testing processes.
- **Scheduling & Coordination:** Lead the coordination of electrical shutdowns, power-ups, and system transitions between the construction and commissioning phases, ensuring minimal disruption to project timelines.
- **Electrical Systems Troubleshooting:** Serve as the technical expert in diagnosing and troubleshooting electrical system issues that may arise during construction or commissioning, working in tandem with electrical contractors and engineers.

4. Stakeholder Communication & Collaboration

- **Cross-Functional Collaboration:** Work closely with the General Contractor, client representatives, electrical and mechanical subcontractors, and the commissioning team to ensure alignment and transparency in all energy-related activities.
- **Daily Briefings & Communication:** Conduct regular safety meetings, briefings, and toolbox talks with all site personnel regarding energy isolation procedures, potential hazards, and upcoming work requiring electrical shutdowns or re-energization.



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- **Client and GC Reporting:** Provide detailed, accurate reports on energy management activities to the General Contractor and client, ensuring all parties are informed of the status and outcomes of electrical operations.

5. Documentation & Continuous Improvement

- **Comprehensive Documentation:** Maintain up-to-date records of all LOTO permits, energy isolation processes, safety audits, risk assessments, and corrective actions taken on-site.
- **Continuous Process Improvement:** Regularly evaluate energy management processes and identify areas for improvement, updating procedures and training protocols as necessary to maintain the highest standards of safety and efficiency.
- **Training & Development:** Provide ongoing training to site personnel on LOTO procedures, electrical safety practices, and energy isolation techniques. Lead efforts to improve site-wide understanding of energy hazards and preventive measures.

Required Qualifications:

Education and Experience:

- Bachelor's Degree in Electrical Engineering, Energy Management, Construction Management, or a related field (or equivalent experience).
- A minimum of 4-6 years of hands-on experience managing energy safety processes, including Lockout/Tagout (LOTO), on large-scale construction projects, preferably in the data center, industrial, or critical infrastructure sectors.
- Experience working on hyperscale data center construction projects is highly advantageous.
- Extensive knowledge of high-voltage electrical systems, energy isolation techniques, and regulatory compliance with OSHA, NFPA 70E, and similar standards.



Skills and Competencies:

- **Electrical Safety Expertise:** Deep understanding of electrical system safety practices, including Lockout/Tagout (LOTO) and other energy isolation procedures.
- **Leadership & Accountability:** Strong leadership capabilities, with proven experience enforcing safety protocols and holding teams accountable to stringent safety standards.
- **Critical Thinking & Problem-Solving:** Able to assess complex energy-related challenges, develop strategic solutions, and guide cross-functional teams to execute energy management safely.
- **Detail-Oriented & Organized:** Strong attention to detail, particularly when managing documentation and implementing complex energy safety protocols.
- **Communication Skills:** Exceptional verbal and written communication skills, with the ability to explain technical energy management concepts to a wide variety of stakeholders, including non-technical personnel.
- **Collaboration:** Demonstrated ability to work collaboratively across multiple teams, including GC management, commissioning agents, subcontractors, and client representatives.

Certifications (Preferred):

- OSHA 30 Certification
- NFPA 70E Certification (Electrical Safety in the Workplace)
- NETA Certification (Preferred for advanced electrical systems knowledge)
- CPR/First Aid Certification

Salary ranges from \$60-\$65 an hour DOE