

River Huff

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SUMMARY

Energized by the chance to transform how energy is produced and consumed, committed Solar Commissioning Electrician with over five years in the renewable energy field. Proven capacity for leading small teams effectively while ensuring compliance—a critical factor in delivering uninterrupted quality inspections. Skilled in analyzing commissioning schedules, anticipating installation challenges, and proactively resolving them. A strong advocate for safety, consistently implementing best practices to maintain outstanding site conditions. Cultivates relationships with clients and stakeholders for seamless project execution, focusing on results that matter.

EXPERIENCE

Solar Commissioning Electrician

June 2021 - Present

Bright Future Energy

Chicago, IL

Lead Solar Commissioning Electrician focusing on effective installations and safety compliance across multiple projects. Collaborated with teams to ensure high-quality standards throughout site operations and implement training where required.

- Conduct comprehensive inspections of conduit systems and lighting setups, vital for upholding industry installation quality.
- Lead a team of electricians during project phases, enhancing efficiency and ensuring adherence to safety protocols and timelines.
- Analyze scheduling and update procedures, streamlining workflows and bolstering vendor relationship management.
- Implement onsite coaching methods refined from industry best practices to elevate job performance and commitment to excellence.
- Collaborate closely with cross-functional teams to enhance job quality processes, engaging in continuous improvement initiatives.
- Compile detailed reports providing insights on job site quality and safety compliance, supporting data-driven decision making.

Field Electrician

March 2019 - May 2021

Eco Power Solutions

Naperville, IL

Served as a Field Electrician responsible for conducting quality checks and implementing safety measures across various sites. Worked directly with project managers to monitor compliance and address any discrepancies swiftly.

- Executed rigorous audits on electrical installations uncovering discrepancies outlined in construction documents, driving immediate rectifications.
- Partnered with project managers to evaluate project expectations—advocating for corrective actions that kept projects on course.
- Facilitated frequent safety assessments maintaining strict compliance with OSHA regulations, which contributed to safer job sites.
- Trained incoming electricians, sharing knowledge on operational best practices and advocating for a culture prioritizing safety.
- Addressed client concerns through active engagement—aiding in swift resolutions that elevated overall satisfaction.
- Engaged in data collection for safety studies that identified risk concerns ahead of time, fostering an enhanced safety culture.

Electrician Apprentice

January 2016 - February 2019

Solar Innovations

Schaumburg, IL

Apprenticed under seasoned electricians contributing to solar energy system installations and performing quality inspections. Developed fundamentals in electrical work and compliance management.

- Assisted lead electricians during various quality inspections and fostered the successful installation of innovative solar solutions.
- Analyzed technical documents recognizing potential complications, facilitating improvements in installation precision.
- Participation in numerous safety trainings emphasizing strict adherence to required safety protocols, greatly diminishing incidents.
- Contributed actively to teamwork achieving project milestones within deadlines and budgets showcasing reliability.
- Interacted with clients frequently, translating their feedback into actionable insights that improved service at all levels.
- Gained hands-on experience in equipment handling via direct mentorship receiving vital insights into industry techniques.

LEADERSHIP & AWARDS

- Dean's List, Central High School, 2015
- 1st Place, Local Electrician Skills Challenge, 2018

EDUCATION

High School Diploma

2015

Central High School GPA: N/A

Chicago, IL

CERTIFICATIONS

- OSHA 30-Hour Safety Certification 📅 2020

- NABCEP Solar PV Installer Certification 📅 2021

TECHNICAL SKILLS

- **Electrical Systems:** AC/DC Circuits, Solar Panel Arrays, Lighting Configurations
- **Quality Standards:** NFPA 70E, IEEE Standards, ISO 9001
- **Safety Procedures:** Lockout-Tagout, Fall Protection, PPE Compliance
- **Communication Tools:** Email, Phone Calls, Online Collaboration Platforms
- **Installation Techniques:** Cable Management, Conduit Bending, Equipment Calibration
- **Inspection Methods:** Thermal Imaging, Visual Inspections, System Testing
- **Data Analysis Tools:** Microsoft Excel, Google Sheets, Data Reporting Software
- **Project Management Tools:** Trello, Microsoft Project, Asana
- **Training Methods:** On-the-Job Training, Workshops, Mentorship Programs
- **Regulatory Compliance:** OSHA Regulations, NEC Codes, Environmental Standards

SKILLS

- Solar Energy Systems
- Safety Compliance
- Electrical Installations
- Problem Solving
- Quality Inspection
- Team Leadership
- Customer Relations
- Data Analysis

PROFESSIONAL AFFILIATIONS

- Member, Renewable Energy Club, Central High School
- Volunteer, Community Clean-Up Initiative, Naperville

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST