



KEE Engineering & Consulting
Price, Utah 84501
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Jeremy Hobbs

Summary of Experience

Power Systems - Design of Power Distribution systems including complete power distribution buildings, load center transformers, MCC's.

Motor Protection and Control - Experience in the design of motor protection and control using Schweitzer and GE Multilin relays, medium and low voltage VFD's and soft starters.

Process Control – Design and programming of process control system on various PLC and DCS platforms for the industry including: Power Generation, Mining, Oil and Gas, Water/ Waste Water, Manufacturing.

Engineering Support – Provided technical oversight and direction for generator controls and protection, Generator step up and distribution transformers, large motor maintenance and protection all using various Schweitzer protection relays.

Employment History:

Employer: KEE Engineering & Consulting, LLC **Title:** Engineering Manager
Location: Price, Utah **Duration:** 2013 – Present

Job duties:

- High voltage substation design and upgrades
- PLC/DCS automation systems
- HMI information and control systems
- Power system design and maintenance
- Power system coordination, load flow, and arc flash studies
- Medium and high voltage motor control/protection system design
- Substation EPA compliance plans
- Electrical project management

Employer: PacifiCorp, Huntington Power Plant **Title:** Senior Electrical Engineer
Location: Huntington, UT **Duration:** 2005 - 2013

Responsibilities:

- DCS system administration and support
- Generator and Transformer maintenance
- Medium and high voltage motor control system support
- Generator and Transformer Relay Protection Upgrades
- Generator Excitation replacement
- Electrical fault diagnostics using SEL relays

Employer: LACO Technologies **Title:** Electrical Engineer
Location: Salt Lake City, UT **Duration:** 2002 - 2005

Job duties:

- PLC automation system design
- HMI information and control system design
- Power distribution design and maintenance

Employer: Control Systems Integration

Title: Owner/Engineer

Location: Woods Cross, UT

Duration: 2001 - 2002

Job Duties:

- Motor control system design
- VFD system implementation
- PLC automation system design
- DCS programming and upgrades
- HMI information and control system design

Employer: Technisys

Title: Engineer

Location: North Salt Lake, UT

Duration: 1999 - 2001

Job Duties:

- Motor control system design
- VFD system implementation
- Underground and surface conveyor systems
- PLC automation system design
- HMI information and control system design

Education/Licensing:

Major: Electrical Engineering

Degree: BS Degree

School: Utah State University

Completion Date: 5/99

Location: Logan, Utah

Organization: Utah Department of Commerce

Certificate: Professional Engineer

Location: Utah

Completion Date: 2015

Professional Engineer:

Colorado
New Mexico
Utah
Texas