

## RESUME OF KEY PERSONNEL

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### **William Blake, PE**

Principal Electrical Engineer



Over 25+ years Electrical Consulting Engineering experience design, lead, and management in a wide variety of project types involving design of new construction, improvement and modernization of industrial, commercial, water treatment facilities, municipal projects, theme parks, high-end retail facilities, hotels, high-rise, K-12 schools, mixed-use development, residential, restaurants, office buildings, parking structure.

#### **Key Skills:**

- Managed and Lead Electrical project team for preparation of construction drawings.
- Review deliverables for technical content, drawing quality and adherence to code/project requirements.
- Provide oversight and assistance with equipment selection for building systems and devices.
- Personally conduct or delegate job-site inspections to ensure projects are adhering to specifications and design intent.
- Participate in review meetings.
- Maintain an overview of the project teams workload and commitment in order to successfully meet deadlines and balance resource utilization.
- Provided Power Distribution system analysis and load demand load analysis.
- Provide value engineering to Identify and capture opportunities for project savings from design solutions, and identification of alternative specs/standards that reduce life cycle costs.
- Construction management.
- Ensured that the drawing package comply with California Energy code Title-24.
- Perform field engineering, coordination, and commissioning.
- Coordinate with utility companies and obtaining the necessary electrical permit approvals.

Utilizing practical, proven design techniques to achieve efficient and cost-effective result designing:

- Building Power Distribution systems
- Emergency and Standby Power systems
- UPS and Power Conditioning Systems
- Lighting and System control design, photometric and Calculation
- Applying National Electric Code, Building code
- California Title 24 Energy Codes.

#### **Education:**

Bachelor of Science, Electrical Engineering  
California State University, Fullerton

#### **Professional Licenses:**

Registered Licensed California Professional Electrical Engineer (P.E.)  
Registered professional electrical engineer licensed in state of Nevada, Texas, North Carolina, Colorado, Utah, Florida, Arizona, New York, Oregon, Illinois.

[www.neeco-engineers.com](http://www.neeco-engineers.com) : (949) 246-2502 : [wblake@neeco-engineers.com](mailto:wblake@neeco-engineers.com)