



Jeffrey J. Hahn, P.E.
President

LICENSED PROFESSIONAL ENGINEERING REGISTRATION:

- Florida, 2002 - #58045; Kentucky, 2012 - #28622; Alabama, 2015 - #35540-E

EDUCATION:

- BS General Engineering/1988 U.S. Naval Academy, Annapolis, MD

PROFESSIONAL EXPERIENCE:

- Over 24 years of experience in the electrical engineering field
- Provides electrical engineering and design of power, emergency power, uninterruptible power supplies (UPS), lighting, data, telephone, fire alarm, public address/intercom, security, access control, and lightning protection systems
- Extensive experience with generators, transfer switches, UPS, switchboards, panelboards, motors and low voltage systems
- Forensic Engineering and Expert Witness
- Involved in the construction administration, cost estimating, bidding and negotiation of projects
- Performs fault circuit and coordination studies with arc flash hazard analysis for medical projects and facilities with sensitive electronic equipment

AREAS OF EXPERTISE:

- Electrical Power Systems: High Voltage Distribution, Service Entrance & Switchgear, Co-Generation, On-site Power Generation & Distribution, Stand-by Generator, UPS, Battery Storage, Building Distribution & Infrastructure
- Lighting: Site Lighting, Lighting Controls & Theatrical Lighting, Architectural & Landscape Lighting, Indoor Lighting, Parking Area, Roadway & Sign Lighting, Sports Lighting – Ballfields & Arenas
- Low Voltage Systems: BICSI Data Distribution, Mass Notification, Sound, Intercom & Public Address, Fire Alarm, Security & Intrusion Detection, Access Control & Cameras, Lightning Protection
- Renewable Energy Systems: Solar Photovoltaic – Residential & Commercial, Solar Hot Water – Domestic & Power Generation, Geothermal Power, Solar Power Generation

PROFESSIONAL AFFILIATIONS:

- BICSI
- ACEC Florida / Florida Institute of Consulting Engineers (FICE)–Mechanical/Electrical Director
- Board Member, Hillsborough County Board of Adjustments–Electrical
- Institute Electrical & Electronic Engineers (IEEE)
- Illumination Engineering Society North America (IESNA)
- Society of American Military Engineers (SAME)

MILITARY EXPERIENCE:

- United States Navy, 1988–1999:
 - Assistant Public Works Officer, Portsmouth Naval Shipyard and Assistant Resident Officer in Charge of Construction (ROICC) – Naples, Italy and Coronado, California
 - Surface Warfare Officer, San Diego, CA