



BRYANT JENKS, P.E.
ELECTRICAL ENGINEER
DIVISION 26 – ELECTRICAL

EDUCATION

**Associates of Aircraft
Technology, University of Alaska
Fairbanks, 1983**

**Bachelor of Science,
Electrical Engineering,
University of South Florida,
1988**

REGISTRATIONS

Registered Professional Engineer:
Florida # 60050

LEED AP

FAA Airframe Power Plant, No.
539706987

**PROFESSIONAL
AFFILIATIONS**

- National Society of Professional Engineers
- National Fire Protection Association
- Lightning Protection Institute
- Illuminating Engineering Society
- International Association of Electrical Inspectors

PROFESSIONAL OVERVIEW

Mr. Jenks has over 26 years of experience performing electrical engineering with emphasis on electrical systems, power quality, lighting systems, fire alarm systems and data center design for small to large commercial and governmental facilities. In addition, he performs Energy Audits, Thermography, Ground and Insulation test, Harmonic/Power Quality Analysis, and Arc Flash/Circuit Breaker Coordination Studies. Further he has been hired multiple times to inspect the electrical integrity of electrical components. He has been lead in designing some of Florida’s largest data centers and solving many power quality problems.

**ELECTRICAL CONSTRUCTION MANAGEMENT AND DESIGN
ENGINEERING**

Mr. Jenks has been responsible for facility assessments and the development of project scopes and initial construction budgets for facility owners throughout Florida such as Sebastian River Medical Center, Martin, Brevard, and Indian County Schools, Indian River County, St. Lucie County and City of Sebastian. Data Center and Power Quality customers include, Harris Corp., Walt Disney Company, Ryder Systems, Office Depot, Winn Dixie, FPL, Darden just to name a few. His work has also included the development of construction documents, bid evaluation and negotiations with contractors, establishing project construction schedules as well as performing construction administration and commissioning to maintain a quality and timely solution.

ELECTRICAL SYSTEM KNOWLEDGE

Mr. Jenks has extensive working experience in Uninterruptible Power Systems, Generators, Electrical Distribution Systems, Motor Systems and Controls, Lightning/Surge Protection Systems, and anything to do with a High Available Data Centers Infrastructure System. He has explored and studied voltage drop, harmonics, common and normal mode noise, and grounding systems while solving many customer issues based on his knowledge of these electrical qualities.

SPECIALIZED TOOLS AND SOFTWARE OWNED

- Dranetz-BMI PowerGuide 4400 Advance PQ Instrument
- Fluke Ti25 Thermal Imager
- Fluke 434 Series Three-Phase Power Quality Analyzers
- Fluke 1625 GEO Earth Ground Testers
- Megger MIT420 1000V Insulation and Continuity Tester
- SKM PowerTools (Electrical Design and Simulation Software)
- DesignMaster (Electrical Design AutoCAD add in)
- CodeDesign (NEC Compliant Design Software)
- AutoCAD MEP

REPRESENTATIVE PROJECT EXPERIENCE

Mr. Jenks has successfully completed Electrical Engineering and/or related professional services on multiple government and commercial contracts over the last 26 years. Mr. Jenks' experience includes but is not limited to the following:

- **City of Sebastian Main Street Project.**
- **Several Imagine Schools Fire Alarm Project.**
- **Raritan Corporation Data Center Manager Software Project**
- **Indian River County North County Water Reuse Project.**
- **Sebastian River Medical Center Generator Replacement Project**
- **Martin County School Board Data Center Generator Project**
- **Indian River County Spoonbill Marsh Water Project**
- **Indian River County Fairgrounds RV Park**
- **Piper Building #7 Renovation**
- **VGTI 2N+1 14 Rack Data Center**
- **East Lake Village POA 800 Home Data/Com System Project.**
- **The Town Star Subway Gas Station**
- **Riomar Beach Club & Kitchen Renovation**
- **Tropical Acres Steakhouse Kitchen replacement**
- **Ft. Drum Service Plaza WWTP Modification**
- **Indian River Habitat for Humanity-8,100 Sq Ft Office**
- **St. Lucie County Fair Waste By-Pass Tank**
- **Fellsmere Water Expansion Project**
- **Flight Safety Energy Audit Project**
- **Pocahontas Apartment New Service Upgrade**
- **Tradition Irrigation Expansion**
- **FPL St. Lucie Storage Facility**
- **Harris FTI Project**
- **Southern Wine and Spirits New Data Center**
- **Coatesville VA Facility Video/ACCS System Upgrade**
- **John's Island Club South Course Pump House**
- **Liberty Tire Arc Flash Study**
- **EQ Florida Arc Flash Study**
- **Crossings Community Church New Building**
- **Dogs and Cats Forever Wing Addition**
- **Glades County EOC Lift Station**
- **Florida Organic Aquaculture Hatchery Office**
- **Southern Fulfillment Services 150 KW Generator**
- **Palaka Housing Authority Lift Station**
- **Piper's Landing Master Lift Station**