

Job ID:	381
Job Title:	Substation Design Engineer
Degree Requirements:	BS Electrical Engineering (BSEE)
Years of Experience:	3–15 (Depends on the level/grade you qualify for)
Type of Position:	Direct Hire
Location:	South Florida
Salary Range:	Depends on Expertise, Experience, & Level/Grade
Travel Required:	< 15%

PLEASE HELP US HELP YOU by telling us what your employers do to make money. Do not assume that we know anything about them. One or Two sentences will help us.

In today's world let your potential employers know what your **US IMMIGRATION STATUS** is { **Citizen, Permanent Resident / Green Card, Type of Visa** } and when the Visa must be renewed.

We are working with a South Florida electric utility to identify top candidates for a **Substation Design Engineer** position. The successful candidate will be responsible for all phases of designing mid to high voltage electrical transmission, switching, and distribution substations (and stations) for the electric utility industry, permitting, and overseeing the construction of capital substation projects, and for establishing and maintaining substation material and construction standards.

Responsibilities of the Position

Substation Design

* Perform duties associated with all phases of substation design work, including (but not limited to): station sighting, site preparation, physical and electrical facilities, electrical design, structural design, foundation design, and permitting, for station voltages through 138kV.

Project Management

* Perform team project management duties and participate on project teams where the teams are responsible for project scheduling, cost management, and coordination of all aspects of the project.

Contract Administration

* Prepare and administrate construction contracts.

Standards and Specifications

* Prepare and maintain substation material, design and construction specifications and standards, incorporating special expertise to address unique local environmental problems

Permitting

* Ensure permitting requirements are met for projects.

Outages

* Investigate substation outages.

Compliance

- * Demonstrate compliance with applicable NERC standards as they apply to Operations.
- * Interface with E&O workgroups to support their compliance efforts, as needed.
- * Assist with training as required by the NERC standards.

Troubleshooting

- * Investigate system reliability, maintenance and operational issues and recommend corrective action.
- * Analyze planned substation outages and report out on impacts to substation reliability & availability.
- * Evaluate and resolve real-time operational T&D System issues.

Communications

- * Maintain effective working relationships with employees at all levels within client organization.
- * Ensure smooth operations, productive communications, and effective understanding during all interpersonal contacts.
- * Provide current and accurate information to all requesters, courteously and in a timely manner.

Technical Support

- * Provide technical support to other client employees and contractors to insure safe, reliable, and efficient operation of client electric system.

Capital Budget Responsibility

- * Capital Project Budgeting: \$5,000,000

There are several internal levels / grades that apply to the individual candidate. The requirements for each are listed below:

Required & Desired Qualifications (by grade)

Associate Substation Engineer (5)

MUST HAVE

- * BS / Electrical Engineering (BSEE)
- * Florida driver's license or ability to obtain one upon employment

PLUSSES

- * Masters Degree in Engineering
- * 3 year's engineering experience
- * 2 years experience in power engineering role

Substation Engineer I (6)

MUST HAVE

- * BS / Electrical Engineering (BSEE)

- * 3 years engineering experience
- * 2 year's experience in power engineering role
- * 1 year experience in substation design engineering role
- * Florida driver's license or ability to obtain one upon employment

PLUSSES

- * Masters Degree in Electrical
- * Licensed Professional Engineer (PE)

Substation Engineer II (7)

MUST HAVE

- * BS / Electrical Engineering
- * 7 years engineering experience
- * 5 year's experience in power engineering role
- * 3 year's experience in substation design engineering role
- * Florida driver's license or ability to obtain one upon employment

PLUSSES

- * Masters Degree in Electrical
- * Licensed Professional Engineer (PE)

Senior Substation Engineer (8)

MUST HAVE

- * BS / Electrical Engineering
- * 15 years engineering experience
- * 10 year's experience in power engineering role
- * 7 year's experience in substation design engineering role
- * Licensed Professional Engineer (PE)
- * Florida driver's license or ability to obtain one upon employment

PLUSSES

- * Master's Degree in Electrical
- * Recognition in the profession as a specialist in field (i.e., teaching, writing, etc.)

Physical Demands and Work Environment

The physical demands and work environment characteristics described here must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions:

Physical Demands

- * Ability to sit at computer desk and terminal for extended periods of time.
- * Ability to view computer monitor from reasonable distance.
- * May be required to lift up to 25 pounds on occasion.
- * Able to drive vehicle.

Work Environment

- * Primarily air-conditioned office environment.
- * Occasional trips to field facilities such as substations.

If you meet these requirements and wish to be considered for this position, send your résumé and the level / grade that you are applying for to us in a Word document without Headers / Footers, or Text Boxes at [Resumes AT PinnaclePlacementGroup.com](http://ResumesATPinnaclePlacementGroup.com) mentioning the **Job ID** and the **Job Title** in the subject line of your email.

*** ALL CLIENTS REQUIRE, BACKGROUND CHECKS & DRUG TEST AS A PART OF PRE- EMPLOYMENT HIRING PROCESS.**

In your email or cover letter, please provide us a short narrative detailing your experience and expertise as it applies to this position. Also, please provide us with your *MINIMUM* salary requirements.

Applicants for employment are to be considered for employment based on the individual applicant's qualifications and without regard to race, color, creed, gender, age, disability, national origin, religion, veteran status, uniform service member status, marital status, sexual orientation, citizenship status, genetic information, or on account of membership in any protected category under federal, state, and local laws.