

# Gollapalli Phaneendra

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## Sr. ELECTRICAL ENGINEER

*Proven experience in engineering and project lifecycle management of utility scale grid connected Solar Power Project of size 15MW and above. And looking for challenging job opportunities of working in Solar Power Plants across the globe.*

## SUMMARY

A qualified Electrical Engineer with **6 years of experience in the domain of Erection, Operations & Maintenance**. Possesses expertise in the domain of Project Coordination. Highly adept at Material Procurement and Installation, Testing & Commissioning.

## KEY SKILLS

- Site Survey
- Design of Solar PV Off & On Grid
- Erection, Operations & Maintenance
- Project Coordination
- Bom Preparation & Project Management
- Electrical & Mechanical Works
- Work Schedule Preparation
- Quality Control and Testing.
- Internal & External Electrification works
- Installation, Testing & Commissioning
- Earth Routing & Installation
- Manpower Management
- Preventive Maintenance
- Erection/Fault Analysis

## CAREER OBJECTIVE

I am a highly versatile and learned Electrical Engineer with 6 years of experience in the field of erection and commissioning as well as maintenance and testing. I can prepare well-planned schedules for the general working. Having the knowledge of technical aspects of power distribution system and installation projects, I can handle the electrical and mechanical works.

## PROFESSIONAL QUALIFICATIONS

**1. TUV INDIA PVT.LTD**

**CHENNAI**

**Feb 2018 to Till Now**

**Designation:** Quality Engineer-Electrical

### **Quality and PMC Services:**

- 30MW Solar PV Power Plant at Tarana village, Ujjain Madhya Pradesh for Alfa infra which is a sister concern company of Sun Pharma.

### **Job Responsibilities:**

- Preparing Daily, Weekly and Monthly Inspection Reports.
- Reporting Non Conformance, Identifying Root Cause and Recommending Corrective action.
- Maintaining quality and checking of quantities, billing and payments.
- Verifying the Drawings and executing them without any deviations.
- Conducting weekly MOM with client and as well as with vendors regarding the works.

**2. PERENNIAL SOLAR PVT LTD.,**

**HYDERABAD**

**July 2015 to Feb 2018**

**Designation:** Sr. Electrical Engineer

### **Installed & commissioned the following Power Plants:**

- 20MW Grid connected Solar PV Power Plant at Chegunta Medak Dist. for Mytrah Energy (India) Limited.
- 20MW Grid connected Solar PV Power Plant at Reddypet Karimnagar Dist. for Mytrah Energy (India) Limited.
- 20 MW Grid connected Solar PV Power Plant at Budhera village, Medak Dist.
- 2 MW Grid connected Solar PV Power Plant at Ramachandrapuram village, Medak Dist.
- 100 kW Roof Top Grid connected Solar PV Power Plant at Mahaveer College of Engineering & Technology, Hyderabad, Andhra Pradesh
- 9.2 MW Grid connected Solar PV Power Plant at Jadcherla, Mahbubnagar Dist.
- 4X15MW Grid Connected Solar PV Power Plant at Manthani, Mallaram, Kalwasirampuram and Janagon.

### **Job Responsibilities:**

- Off Grid Plant Design Includes Selection of Size and Quantity of Modules, Junction Boxes, Cables, Capacity of PCU and Capacity of Battery Bank.
- On Grid Plant Design Includes Selection of Size and Quantity of Modules, String Combiner Boxes, Cables, Capacity of Inverter.
- Prepare the Layout of the Site which includes location of Modules, DCDB's, ACDB's, and Earth pits.
- Prepare the Size and Quantity of Cables from Modules to Evacuation point by considering Minimum Voltage Drop and Power Losses through the Line.
- Prepare BOM along with developing & overseeing preparation / implementation of engineering changes provide end-to-end technical support for clients.

- Associated with the setup of Grid tie & Stand-alone Solar PV Power Plant by performing Site Survey.
- Carrying out Execution work of Solar PV Power Plants at various sites and Trouble shooting.
- Administering the Project development and synchronizing with Civil Sub Contractors & managing people at site.
- Synchronizing with the team about Quality & Safety standards during the installation of Solar PV Power Plant.
- Prepared technical documents and ensured that the work was carried in accordance to the drawings and specifications.
- Cabling work for HT & LT Cabling Transformer to Inverter. DC String Wiring from PV Module to module, String Combiner Box to DC Fuse Box and DC Fuse Box to Inverter.
- Installation of Light Fixtures, Cable tray, Lightning Protection System, etc.

### 3. CHANG WOON E&C INDIA PVT LTD PVT LTD

Aug 2011 to Jan 2015

**Designation:** Site Engineer

#### Job Responsibilities

- Completely involved in 800 MW plant's erection one unit out of 5 units i.e. 4000MW (800 X 5).
- Erection and Earthing of Motors, both the Body and System Earthing.
- Erection of PCC, MCC and DCS panels.
- Terminations of PCC and MCC.
- Involved in erection of AVR, NGR and LAPT panels.
- Involved in erection of HT motors installation.
- Completely involved in ESP Erection.

#### ACADEMIC CREDENTIALS

- B-Tech (Electrical & Electronics) from Sri Prakash College of Engineering, affiliated to Jawaharlal Nehru Technological University - Kakinada in 2009 with 59.8%
- Intermediate from Siddhartha Junior College - Tuni in 2005 with 79.9%
- Tholath Memorial High School – Rajahmundry in 2003 with 76.5%

#### TECHNICAL PROFICIENCY

**Software Courses:** MS Office, excel, Hardware & Networking, CCNA, MCITP

**Key Skills:** Assembling and reassembling of computer peripherals.

Good knowledge of all the hardware devices and their management

## PERSONAL DETAILS

Father Name : G V S R K NARASIMHA RAO

Date of Birth : 1<sup>ST</sup> JUNE 1988.

Languages Known : English, Hindi and Telugu

Marital Status : Unmarried

Mailing Address : H NO: 76, Municipal colony,  
Rajahmundry  
East Godavari Dist,  
Andhra Pradesh- 533101

**(G. PHANEENDRA)**