

Aman Kumar

## Project Engineer - Electrical

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### PERSONAL SUMMARY

- Having hands on project execution experience in complete electrical side on 28 MW ground mounted and around 5+ MW rooftop solar projects.
  - Enriched with end to end practicalities of standard engineering knowledge involved in ground mounted and rooftop solar project execution, and ability to manage multiple subvendors, contractors to get site execution within revenue and time bracket.
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### KEY TECHNICAL SKILLS

- Hands on experience in installation, operation , problem identification and troubleshooting of
    1. Inverter of make Sungrow SG500MX ( 500 kW ) , SG2500MV (2.5MW) model , Delta M50A , M30A , ABB PVS800-57-0250kW-A.
    2. Power Transformer and its protection relay arrangements of make Danish , Kotson with rating of 33/11 kV ,1250 kVA and 2800 kVA .
    3. Feeder protection relay of make ABB REF615, REJ601
    4. Combiner Box of make Trinity touch, Sunaccess with 16 Input 1 Output , Circuit breakers upto 36 kV , HT Panels of make ABB 33 kV.
  - Cabling of DC side and AC side of plant, commissioning of plant.
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### CAREER HISTORY

1. **Vivaan solar Pvt. Ltd. (April 2018 to present) as Project Engineer – Electrical**
  - a. **Project** : 5 MW Grid tied solar project at RAILWAY STATIONS OF NEW DELHI (2MW) , ANAND VIHAR (0.8MW), HAZRAT NIZAMUDDIN (0.7MW), OLD DELHI(1.5MW)  
  
**Role** : Project Incharge
  - b. **Project** : 2.2 MW Grid tied solar project for DMRC  
**Client** : Delhi Metro Rail corporation , **Role** : Project Incharge

### ***Responsibilities-***

- End to End planning and execution and site operations for Megawatt Scale Grid tied rooftop solar projects. Oversee and manage the project implementation in accordance with approved engineering design issued by the client.
- Act as key coordinator between Owner, EPC Contractors and Project Site execution teams , prepare weekly progress report and submit a copy for records.

- Checking material at site as per BOM, handle contractors/labour at site, create and maintain contacts with local utilities and state agencies.
- Perform quality inspection of civil, Electrical, mechanical construction, engineering documentation and quality assurance plans and their monitoring.
- Maintain relationship with clients so as to have smooth project execution .
- Get approval for various drawings. Assist in monthly budget preparation based on expense, allocation of fund etc with finance department.
- Hand over project to O&M team, maintain standards for Operation and maintenance of Solar plant.

## 2. Power consultants Pvt. Ltd. ( 9 November 2016 – 4 march 2018) as Electrical Engineer

- Project** : Palimarwar solar power project ltd. (LNB Renewables), Pokhran – 11 MW, **Client** – IBC solar , **Role**: O&M Engineer
- Project** : Janardan Wind solar power project Pvt. Ltd. (LNB Renewables),Phalodi - 22 MW , **Client** – IBC solar, **Role**: Team Leader in execution for 11 MW portion
- Project** : Shiddidata solar urja Ltd. (LNB Renewables),Bhadla - 5 MW , **Client** – IBC solar **Role**: Team Leader in execution for 5 MW

### Responsibilities-

- Ensure that all operations and maintenance activities performed at project sites complies with OEM requirements and warranties
- Travel to project sites and vendor locations as assigned to perform all aspects of on-site installation, repair, maintenance, oversight, and modifications as required
- Assist in team operation in case of fault occurrence, attending the fault and its rectification in shortest possible span.
- Work directly with client personnel and, as directed, third-party vendors to support project component. Communicate effectively with Client and third-party vendors and actively participate in meeting reviews to provide technical feedback of field operations.
- Record and report all faults, deficiencies, and other unusual occurrences, as well as the time and materials expended on work orders. Responsible for all required repairs, maintenance, and monitoring of all warranty claims.
- Act as active team in project execution, handle and lead the team when assigned.

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### AREAS OF EXPERTISE

- Service operation and management.
- Implementing plans.
- Manpower planning.

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### PERSONAL SKILLS

- Proficient communicator.
  - Client relationship development.
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## EDUCATIONAL QUALIFICATION

- Bachelor of Technology (Electrical Engineering ), Jaipur Engineering College,Kukas jaipur, Year: 2013-2017 .
  - 10+2 from Hans International Sr. Sec. School, Kotputli,Jaipur (Physics, Chemistry, Math, Hindi, and English), Year: 2013.
  - 10 from Hans International Sr. Sec. School Year 2011.
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## PERSONAL PROFILE

Name: Aman Kumar

Date of Birth: 18/10/1996

Father's Name: Arvind Kumar

Sex: Male

Marital Status: Single

Nationality: Indian

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## REFERENCES

Mr. Deepak Sharma – Assistant Manager - PV Projects ,Vivaan solar pvt. Ltd.

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