

Holds a B. Sc. in Electrical Power Engineering and more than 7 years hands-on experience working in construction and quality management of utility scale solar power plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/08/1991
Gender : Male
Marital Status : Single
Residence : Edfu, Aswan

EDUCATION

: B. Sc. in Electrical Power Engineering, El-Shorouk Academy, 2013

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Dialux (Lighting Design)
: AutoCAD 2D

TRAINING COURSES AND CERTIFICATIONS

: Microcontroller level 1.
: PLC level 1.
: Distribution level 1.
: Solar PV and Power Saving Consumption Products at GTSS.
: SUNGROW inverter operation and routine maintenance.
: Project Management Professional (PMP) Course.
: Summer trainings at:

- Egyptian Company for ferrous alloys (Ferrosilicon - EFACO).
- Hydro Plants Generation Company (High Dam).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Apr. 2021 till now
Employer : National Authority for potable water and sewage
Project : Hayat Kareema Projects (Aswan governorate villages)
Job title : Senior Electrical Engineer

Dates : From Aug. 2020 till Mar. 2021
Employer : Gila Altawakol Electric
Project : Inverter Retrofit for Desertech, 115MW Solar Plant
Job title : Senior Electrical Engineer
Job Description :

- Study the installation manual of SUNGROW new inverters and prepare all materials needed in the termination.
- Offloading the new inverters on the concrete foundation.
- Prepare the shutdown plan and the activities related to shut down.
- Prepare the cutting plan for the new AC cables 300 sq mm between new inverters and transformers.
- Devise the method of statement for Electrical works and the “first install procedures” to assure consistency and high quality of work.
- Making a time line for each activity and supervise the activity to be on schedule.
- Laying the AC cables in the concrete trench.
- Manage day to day activities, solve problem and controlling the progress.
- Supervise and manage Cold and Hot commissioning and Energization for the sun grow inverters.
- Start shutdown for old inverters fimer and disconnect all DC and AC cables.
- Manage the DC cables to connect in the sungrow inverters.
- Testing and commissioning the DC and AC cables (continuity test, Megger test).

Dates : From Jan. 2020 till Jun. 2020
Employer : Wadi Al-Nil for contracting
Project : Developing and raising comprehensive Health insurance units system in Edfu/Aswan
Job title : Senior Electrical Engineer

Dates : From Dec. 2018 till Nov. 2019
Employer : DNV GL AS (Dubai Branch)
Project : Desertech, 115MW Solar Power Plant (Convert tracker)
Job title : Project Engineer
Job Description :

- Devise the method of statement and the “first install procedures” to assure consistency and high quality of work.
- Prepare the daily targets, action and recovery plans with the construction manager.
- Supervising and reporting the status of ramming activities, structure and modules installation, in addition to the implementation of preventive actions to eliminate the non-conformities.

- Supervise the trenching, cable laying, DC, LV and MV terminations, Labelling of cables.
- Witnessing the electrical test (continuity test, Megger test, VLF tests, VOC, and DCI) to assure data reliability.
- Monitoring and supervising the installation/termination of the combiner boxes, chain controllers, DAS panel instruments (Weather station, Meteorological station, Temperature sensors).
- Review main components delivery plan onsite and highlight possible shipment delays.
- Inspect the quality and conformity specification of items delivered to site.
- Review the working practices adopted by the EPC contractor and it's sub-contractors to ensure the achievement of the requested level of quality.
- Ensure the SCADA is fully functional and accessible from remote locations.
- Weekly and Monthly update reports on construction progress, non-conformance, QHSE and change orders.
- Create the punchlist and make sure that EPC closed it.

Dates : From Aug. 2017 till Dec. 2018

Employer : Conecon GmbH

Project(s) :

- Infinity 64MW with single axis tracker (Mounting system) (First Utility scale Aswan, Egypt)
- Phoenix 64MW DC with single axis tracker (Ideematec system)
- BSEP 64 MW DC with single axis tracker (Mounting system)

Job title : Electrical Site Engineer

Job Description :

- Support the Project Manager by directing subcontractors and foremen to ensure timely and quality completion of contracted work.
- Supervise Electrical installation (DC cables connection in inverters, combiner boxes, PV connection, tracker control units, control boxes).
- Review daily subcontractor construction reports and act as necessary.
- Identify and solve problem to maintain the project schedule.
- Ensure work conforms to contracted statement of work, project plans and specifications.
- Prepare the quality plans and checklists for the project.
- Set the daily targets for the subcontractors.
- Prepare the resources and machinery plans.
- Prepare daily activities report.
- Manage day to day activities and controlling the progress.

Dates : From Dec. 2016 till Jun. 2017

Employer : El Madar for engineering projects

Job titles : Electrical Site Engineer / Tendering Engineer

Dates : From Oct. 2014 till Nov. 2016

Employer : TAWA Water Desalination

Job title : Electrical Maintenance Engineer