

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 7 years hands-on experience with a background in commercial and industrial installations in PV contracting field. Has in depth knowledge of PV solar parks.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 16/12/1988
Gender : Male
Marital Status : Single
Residence : Qalubia

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Banha University, 2011

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office, Internet
: Adobe Illustrator, Photoshop, Corel DrawX5
: Revit, Solid Works & PVSyst
: MS Project 2015

TRAINING COURSES AND CERTIFICATIONS

: 6 σ - Six Sigma (Define – Measure – Analyze – Improve – Control).
: 5M, GMP, 5S & HACCP System.
: Classic Control, Industrial Safety & Risk Assessment Cal.
: ISO 9001- 2008, Corrective Actions & Internal Audit.
: KPI (Key Performance Indicator).
: PMP Credit hours (10/2017), IPMA Credit hours (1/2018).
: ICDL from UNISCO (2010).
: AutoCAD 2D - 3D CAD-Masters (9/2010).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Nov. 2014 till now
- Employer** : Complete Energy Solutions - an EPC Solar Company
- Job title** : Senior Technical Engineer with over 46MWp solar power projects
- Job Description** : Every project in the company added new features to our experience, we designed over 150MWp and execute over 46MWp this is the description of my part in each one:
- 10MWp Siwa: 74,686 thin film MPV, 1246 SMA inverters, 5 PCS rooms:
 - Medium Voltage Engineer: supervising the RMU connection from each PCS rooms to the main MV connection point.
 - GRP rooms supervising: following up the installation of all room & its electrification.
 - 28kWp Fatma school: 104 poly PV panels, 3OPTI solar inverters, 3 PV combiners:
 - Designer: design the electrical system totally with aerodynamic system structure.
 - Install the whole system.
 - Montiring the system: after energizing the system to deliver to the government.
 - 1.67MWp (SHS) solar home system in Sohag: Site Manager for 3341 SHS unit/each 350 watt as: 2 PV, charge controller, 2 Batteries.
 - 14MWp Red Sea: a collection of MPV & polycystic 315w JA solar modules, 9 SMA sunny central inverters cpxt 850,900, with 84 SMA PV combiner boxes divided on 4 different site Marsa Alam, Shalateen, Halayb & Abo Ramad:
 - Technical Design Consultant: the 4 site design review.
 - Site Manager: for Marsa Alma the biggest one 6MWp solar park.
 - MV connection: on the RMU to the connection points on diesel power station with the SMA fuel saver.
 - Testing & commissioning: following up with SMA on the 9 sunny central inverter cpxt 850 & 900.
 - Testing & commissioning: following up with the third party PVSOS on 4 different site on: Structure from Oberhozser, PV modules, strings & harnesses connections, combiners, main D.C cables, M.V connections on the stations.
 - 10MWp Solar Park in Toshka Phase (1): 31,760 polycystic 315w JA solar modules, 8 ABB PVS800-57-1000kW-, with 62 ABB PV combiner boxes:
 - Technical Design Consultant: construct the 10MWp design and shop drawing.
 - BOQ: implement the BQO for the 10MWp, inspection and cost control for all the project procurement.
 - BOQ delivery and cost control vs. PEP: monitor and modify the exact shipments delivery dates (structure, PV modules, inverter stations...etc.) with the PEP (Project Execution Plan) with the Project Manager by Gantt Charts.
 - FAT, Testing & commissioning: for the whole project equipment along with their FAT with the manufacture.
 - 10MWp Solar Park in Toshka Phase (2): Nearly as ph-1, closing and commissioning was in 20/10/2017.

Dates : From Oct. 2013 till Nov. 2014
Employer : Middle East Chemicals (Ingram shaving cream manufacturer company)
Job title : Maintenance Engineer
Job Description : Worked on different types of machines like: Filling & sealing, shrinking & packing, printing ink jets, cream manufacturing M/C (Kalix 700 - Video Ink jet - Giusti - Boilers - Chillers - Crashers - Liquid Filling M/C - Vacuum Machine, etc...).

Dates : From Dec. 2011 till Oct. 2013
Employer : Consulting Offices
Job title : Junior Electrical Design Engineer
Job Description : Electrical tendering for lighting, designing by AutoCAD 2D program in many construction buildings.

Projects:

- Completed PV Projects:
 - 10MWp solar park in Siwa (Egypt) (8/2014 to 3/2015).
 - 28kWp hybrid solar system El-Shikha Fatam School (Egypt) (3/2015).
 - 1.67MWp SHS solar home system in Sohag (Egypt) (12/2014 to 6/2015).
 - 14MWp On Grid solar park in Red Sea (Egypt) (8/2015 to 2/2016).
 - 10MWp (1st phase) Net Metering solar park in Toshka (Egypt) (9/2016 to 2/2017).
 - 10MWp (2nd phase) Net Metering solar park in Toshka (Egypt) (3/2017 to 10/2017).
- Ongoing PV Projects:
 - 210kWp On grid in the royal buildings, MASDAR, Abu Dhabi (UAE).
 - 500kWp different small projects in Egypt.