

Holds a B. Sc. in Communication & Electronics Engineering and has about 17 years experience working in operation, commissioning and start-up at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 24/06/1983
Gender : Male
Marital Status : Married
Residence : Currently Bangladesh

EDUCATION

: B. Sc. in Communication & Electronics Engineering, Cairo University, 2005

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: Matlab

TRAINING COURSES AND CERTIFICATIONS

- : On-shore training of ALSTOM (HRSG & Alspa p320 DCS), Nubaria Power Plant.
- : On-shore training of gas turbine GE MS9FA, Nubaria Power Plant.
- : On-shore training course in the components and operation of high and medium voltage and generators, which was held in Nubaria Power Plant.
- : Middle Delta Electricity Production Company training course for Gas turbine Component and Operation (Siemens CTG x 250MW type V94.3A), Nubaria.
- : Middle Delta Electricity Production Company training course for Steam turbine Component and Operation (Mitsubishi 250MW Hp, Ip, Lp), Nubaria.
- : Steam turbine on-shore training for Nubaria Power Station I & II 2x750MW combined cycle project under direction of Mitsubishi Heavy Industries Ltd., Nubaria:
 - Generator Design & Structure.
 - Generator Auxiliary Systems.
 - Maintenance for Generator & Generator Auxiliary Systems.
 - Operation for Generator & Generator Auxiliary Systems.

- 500/220/6.3KV operation.
- : On-shore training in Nubaria III Power Station, which was held by Intec Energy (Spain) in erection, operation and maintenance of solar treatment plant.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jun. 2023 till now
Employer : GE VERNOVA
Project : UNIQUE MEGHNAGHAT 588MW Combined Cycle Power Plant, Bangladesh
Job title : Lead Operation & Start-up Engineer

Dates : From Mar. 2019 till Mar. 2023
Employer : GE
Project : Waad Al-Shamal ISCPP – KSA – GE – 1390MW 4 on 1 BLOCK (GE GT'S 7FA.05/STG D6.4 AND 50MW INTEGRATED SOLAR POWER PLANT)
Job title : Shift Engineer / Operation Lead Engineer

Dates : From Feb. 2018 till Dec. 2018
Employer : [EGYPTROL](http://www.egyptrol.com), GE Energy Subcontractor
Project : New West Damietta Power Plant ADD 250MW:
 One Module consists of:

- Four GE gas turbines 125MW model MS9001E - (DLN2.6) Mark VIe.
- Four DOOSAN horizontal type HRSGs.
- One GE steam turbine (D202) 250MW (HP and LP).
- ACC (Air Cold Condenser).

Job title : CRO

Dates : From Mar. 2015 till Sep. 2015
Employer : [EGYPTROL](http://www.egyptrol.com), GE Energy Subcontractor
Project : ASSIUT POWER PLANT 1500MW
Job title : CRO

Dates : From Dec. 2007 till Jan. 2018
Employer : Middle Delta Electricity Production Company (MDEPC)
Project : Nubaria Power Station
Job title : CRO / Shift Charge Engineer

Field of experience :

- About 17 years of experience in Combined Cycle Power Plants as DCS Operator, Shift Team Leader.
- Proven track record in project operations.
- Commissioning Operations for Simple Cycle GT.
- GE - 7FA.05, 9HA.01, 9FA, 9E Gas Turbines.
- SIEMENS – V94.3A.
- Commissioning Operations for Steam Turbine Combined Cycle.
- GE - Frame A-651, Frame D-202, D11.

- MITSUBISHI – TC2F.
- Commissioning and startup of Turbine Generator and their auxiliaries.
- Commissioning and startup of BOP auxiliaries: Nitrogen Plant / Fuel Gas Compressor / Air Compressor / Emergency Diesel Generator / Hydrogen Plant / Cooling Tower / ACW / CCW / ACC.
- Commissioning and startup HRSG'S and their auxiliaries.
- Commissioning and Startup of 50MW Solar Plant – HTF.
- Operations for Control system (Mark VIe) / DCS Control (Mark VIe) / DCS Control Foxboro.
- Operations for Switchgear (MV/LV), Electrical Control Room (GIS), Central Control Room (CCR).
- Provide Technical Support for staff in relation to plant and equipment being operated at Power Plant to ensure continuous Operations of the plant.
- Contribute to the station planning process by identifying areas of Operational concerns and any impact or conflicts to ensure safe and efficient operations of the plant.
- Coordinate meeting with contractor along with teams.
- Ensuring predefined protective measures and the particular precautions are implemented prior to the start-up of activity. Evaluate technical aspects of proposed work activities and ensure PTW applications are comprehensive enough with sufficient support documentation.
- Participate if required in incident investigation where PTW system has been implemented for the work activities related to any incidents.
- Overall responsibility related to Electrical and Mechanical isolation sections on field.
- Follow and apply all Safety Instructions as described by Individual Plant Safety Procedures.