

Holds B. Sc. in Electrical Power & Machines Engineering, M. Sc. in Electrical Engineering (High Voltage) and MBA. Has over 14 years experience working as Technical Performance Evaluation Engineer.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/01/1985
Gender : Male
Marital Status : Married
Residence : El-Obour City, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Benha University, 2007
: M. Sc. in Electrical Engineering (High Voltage), Benha University, 2014
: Master of Business Administration (MBA), ESLSCA University in Egypt, 2023

LANGUAGES

Arabic : Native Language
English : Very Good
French : Basics

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: Primavera
: MS Project
: Matlab
: PSS@E
: PowerWorld Simulator
: ETAP
: MESSAGE
: AutoCAD 2D, 3D
: C++
: Visual Basic
: HTML

TRAINING COURSES AND CERTIFICATIONS

- : Power Generation Operation and Management for Developing Countries organized by North China Electric Power University NCEPU), held in China from 29th August 2019 to 27th Sept. 2019.
- : Power Project Appraisal, Financial Management and accounting Standards organized by the Indian Technical and Economic Cooperation (ITEC) in cooperation with the Government of India, held in India from 18/9/2017 to 10/11/2017.
- : Sub-Regional (AFRA) training program on developing regional electricity power plans using IAEA's tool MESSAGE (for North Africa Countries), organized by the International Atomic Energy Agency (IAEA) in cooperation with the government of Tunisia, held in Tunisia May 2014.
- : Energy Planning – A capacity Building Scholarship offered by (Danida Fellowship Centre (DFC) / Danish Ministry of Foreign Affairs) organized by the Technical University of Denmark (DTU) and took place from 14th Sept. 2020 to 30th Oct. 2020 (online Training).
- : Green Banking – A capacity Building scholarship on Green Energy and Climate Finance organized by the German Renewables Academy AG (RENAC) and took place from 17th Sept. 2019 to 17th Dec. 2019 (online Training).
- : Decarbonization and hydrogen (M1) – A capacity Building Program offered by Siemens Egypt and took place during the period 03-AUG-2022 - 04-AUG-2022.
- : AutoCAD 3D 2016 (Leadership Development Center (LDC) Feb. 2020).
- : Project Management using Primavera, Advanced Primavera & Microsoft MS Project (Leadership Development Center (LDC) Dec. 2016, Feb. 2019).
- : Effective Communication Skills and time Management (Leadership Development Center (LDC) (May 2017).
- : Leadership and management skills Development (Leadership Development Center (LDC) (Mar. 2017).
- : Access 2010 (Leadership Development Center (LDC) (Apr. 2017).
- : Official Report and Correspondence Skills (Leadership Development Center (LDC) (Nov. 2016).
- : Operation and maintenance of High & Extra High Voltage Networks and Substations Course (GIS) (EETC) Egyptian Electricity Transmission Company (Mar. 2014).
- : Distributed Control System (DCS) (Cairo Electricity Production Company (May 2012).
- : Operation and maintenance of combined cycle power generation units (Cairo Electricity Production Company) (Jan. 2011).
- : Operation and maintenance of Low and Medium Voltage Networks (Cairo South Distribution Training Center) (Mar. 2010).
- : TOEFL ITP, AMIDEAST.

CHRONOLOGICAL EXPERIENCE RECORD

Dates	: From Jul. 2020 till now
Employer	: EEHC
Job title	: Senior Technical Performance Evaluation Engineer, Design & Specifications Sector

Job Description :

- Leading a team of engineers responsible for Evaluating the progress of the new projects technically and financially and preparing performance evaluation reports.
- Performing technical analyses and produce detailed, concise, analytical reports.
- Preparing and Reviewing Risk Plans and Risk Registers for Substations, medium and low voltage Distribution Projects.
- Ensuring that consultants and contractors comply with the EEHC's compliance and governance policies during the company's projects.
- Revising the technical specifications of the substation equipment (500, 220, 66, 22 and 11KV) and coordinating with the Egyptian Electricity Transmission Company.
- Designing the electrical distribution networks (medium and Low voltages) in addition to designing the light current systems.

Dates : From Jul. 2017 till Jul. 2020

Employer : EEHC

Job title : Senior Performance Evaluation & Technical Follow-up Engineer, Chairman's Office Affairs Sector

Job Description :

- Leading a team of engineers responsible for Evaluating the progress of the new power projects and preparing performance evaluation reports.
- Assisting and working with the Sector Heads, Managers and peers on daily work assignments to achieve required results.
- Preparing and Reviewing Risk Plans and Risk Registers for Power Plants Projects.
- Preparing technical reports that evaluate the performance of power plants in terms of KPIs.
- Participating in the Executive Progress Review Meetings of Power Plants Projects.
- Participating in the joint committee between the petroleum and electricity sectors to study the fuel needs of current power stations and new power plant projects.

Dates : From Sep. 2009 till Jun. 2017

Employer : EEHC

Job title : Performance Evaluation & Technical Follow-up Engineer, Chairman's Office Affairs Sector

Job Description :

- Evaluating the progress of the new power projects through the whole project lifetime (planning, financing, tendering, construction and testing), prepare performance evaluation reports and coordinate between project Parties in order to ensure the project will finish on the scheduled time.
- Preparing technical reports on the Egyptian grid status to the EEHC Chairman.
- Assembling data and information of the existing Power Plants for making regular report data analysis.
- Performing data analysis especially technical data.

Dates : From Jan. 2009 till Aug. 2009

Employer : North Cairo Electricity Distribution Company (NCEDC)

- Job title** : Power Quality Engineer
- Job Description** :
- Solving Power Quality Problems by Performed Power Quality Measurements (Voltage, Current, Harmonics, Power Factor).
 - Performing technical Data Analysis compared with international power quality indicators.
 - Low and medium voltage power networks maintenance.

Published Researches:

- The International Conference of the Institute of National Planning (INP) "ENERGY AND SUSTAINABLE DEVELOPMENT" 2020: Paper title "Egyptian Energy Sector Transition: Opportunities and Barriers".
- CIGRE 2014: Paper title "Performance Study of Deregulated Power System Networks Supported by Renewable Energy Resources".
- CIRED 2013: Paper title "Performance Study of Deregulated Power System Networks Supported by Renewable Energy Resources".