



CV of Eng. Ghada Mahmoud Ousama Noaman

Address:

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Personal Data:

Date of birth : Aug 13, 1967
Nationality : Egyptian
Sex : Female
Marital Status : Married with 2 kids

Education:

- Bachelor. From Faculty of engineering Ain-Shams University
Power and electric machine department.
- Grade: Good
- Academic year: 1989
- Graduation project: Transmission and Stability.
- Grade: Very Good.
- Diploma from Faculty of engineering Cairo University (Automatic Control).
- Grade : Very Good
- Graduation project: Power system stabilizer (PSS).
- Academic year :2005
- Grade: Excellent. (Second ranking)

Work Experience:

- ***Employed with: Gerco company for engineering and cooling from March 1990 till March 1993.***

put a technical specifications for the capacitors necessary to improve power factor.

- ***Employed with: National Energy control Centre from March 1993 till March. 2003.***

- Working in Dept. of electric networks Operation studies as :
- Power system analyst for operational studies with maintenance using PSLF software
- Building online databases using SCADA System.
- Complete responsibility for the TDS(Temporal database system) program for Building historical database on real time .

- ***Employed with: Egyptian Electricity Holding Company (EEHC) from March. 2003 till Jan.2010 .***

Working in Dept. of electric networks planning studies as a Power system analyst

- ***Employed with: Egyptian Electricity Transmission Company (EETC) from Jan.2010 till Novembre2015***

as a Senior engineer working in Dept. of electric networks Planning studies.

From December 2015 till December 2017General manager of Cairo Zone Studies

- ***Current Position:***

- ***Head of studies and planning Sector since January 2018.***
- ***Project manager for Egypt Masterplan with the consultant Seimens. (We create paper will be published in the next CIGREE conference in France August 2018)***

Main tasks:

- Supervises the Planning of new projects (Power stations, substations and transmission lines) at the Unified Egyptian grid.
- Load flow & short circuit analysis.
- Dynamic stability studies.
- Voltage stability studies.
- Contingency Analysis for the electric networks.
- Analysis of electromagnetic transients and overvoltage.
- Load Forecast and economic operation for the network.

Brief Description of job:

- 1) Load flow, short circuit and stability studies using PSS/E (power system simulation for engineers) and PSLF (power system load flow):
 - Contingency analysis studies to determine the needed reinforcement for 500 & 220 KV the Unified Egyptian grid.
 - Analyzing network accidents and participate in transformer tap changer adjustment.
 - Participate in the studies of the interconnection between Egypt and the adjacent countries.
- 2) Transient Overvoltage studies using EMTP (Electro Magnetic Transient Program)

Computer Skills

- PSS/E (Power System Simulation for Engineers).
- PSLF (Power System Load Flow).
- EMTP (Electromagnetic Transient Program) and ATP (Alternative Transient Program).
- MATLAB:
 - Programming by MATLAB.
 - Using MATLAB Simulink.
- MS Office applications and Internet.
- AutoCAD. Online and Offline

Training Courses:

- Power System Operation in the training Institute of Networks (1995).
- Unix operating system and building online databases. by HARRIS (1998) .
- SQL (Structured Query Language) by HARRIS (1998) .
- TDS (Temporal Database System) by HARRIS (1999) .
- Network energy losses calculation. (GEF) (2003)
- EMTP training course by SNC.LAVALIN (2011) .
- CYME-HARMO by SNC.LAVALIN (2011) .
- Transmission Network planning by Siemens (2016)
- Effective manager skills (leadership development Center) (2015)
- Stress management skills (leadership development Center) (2016)
- Dynamic simulation course using PSS/E by Siemens (2016)

Experience abroad:

- **Participate in the study of the interconnection between Egypt and Libya in Montréal –Canada from 7-9-1997 till 11-10-1997.**
- **Participate in the 6th international training course about Wind Energy in Chennai –India from 17-10-2010 till 4-11-2010.**

Language Skills:

- Very good command of spoken and written English.
- Basic knowledge of French.

Additional Informations: I have begun my career in electrical power engineering for twenty seven years, since then I have gained very good technical experience. and working my way up ,gaining qualification as the years went by. By the time I have reached the level of management, in addition my leadership skills have been developed.

I have a very good experience in the planning and operation of electrical power system including reliability and energy economics, control, optimization and feasibility studies.

I used to work in a team, this helped me to communicate well with people and share the other's opinions. In my opinion, building a team and working in a group makes people exchange their opinions which is an excellent way to reach the right decision, do the job accurately and on time.

Also I've been taught how to analyze problems and solve them in a precise and direct way.

I used to attend many courses and workshops inside and outside Egypt, which taught me how to deal with people in different cultures by effective dialogues not stiff discussions.

I've the ability to express myself and convince others simply without dominating other people's opinion. I've the ability to give the correct decision-making. Also I've motivation skills which create effective competition between staff.

