



INTERNATIONAL
ELECTROTECHNICAL
COMMISSION



Arab Republic of Egypt
Ministry of Electricity & Energy

The Egyptian National Committee

Cairo in the Night, EGYPT





The Egyptian National IEC Committee

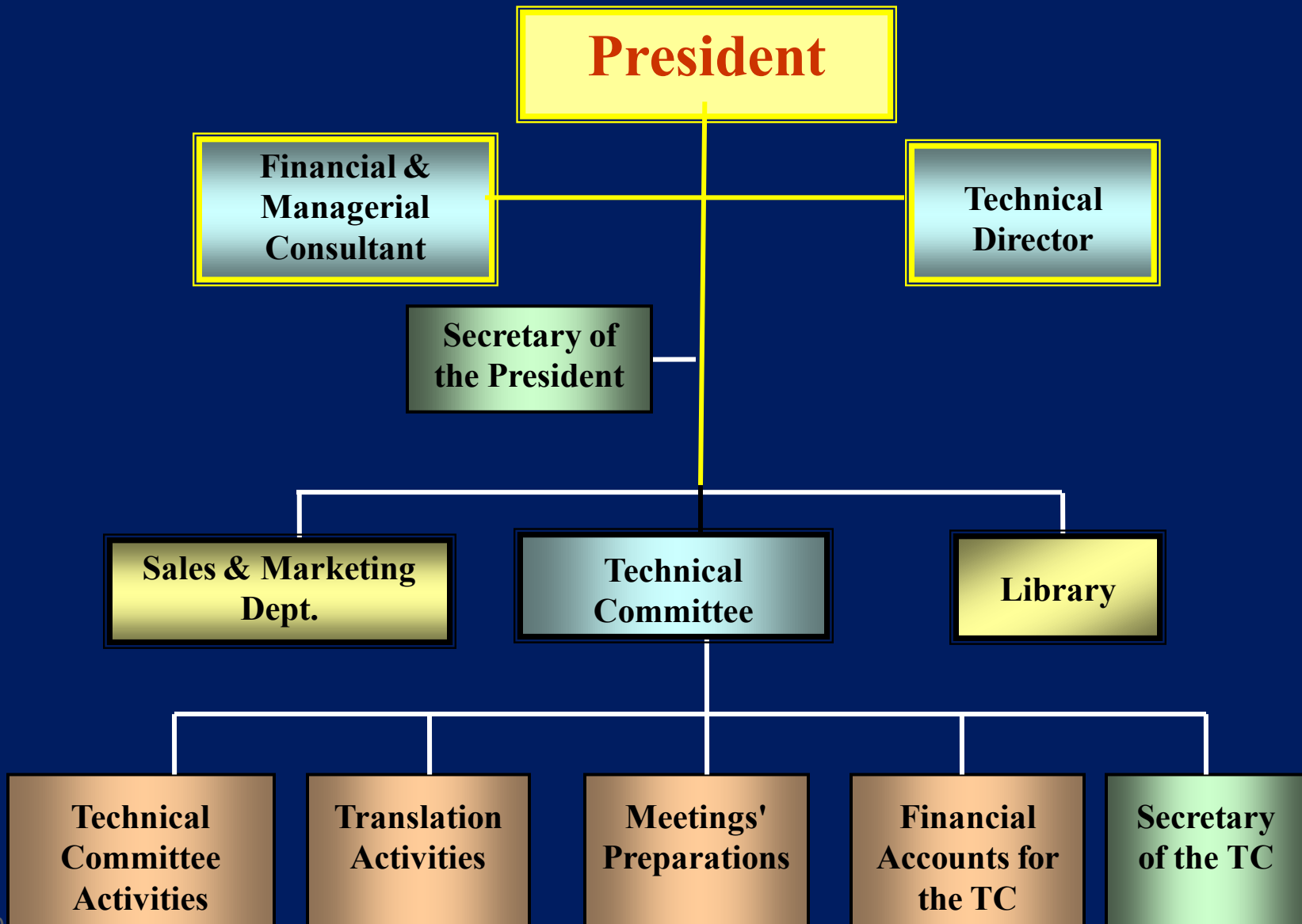


The Egyptian National Committee (Eg NC) was established by a presidential decree in the year 1969.

The Egyptian National Committee (Eg NC) participated with the IEC in the year 1969.

The (Eg NC) is a non profit committee and it is affiliated to the Egyptian Ministry of Electricity and Energy.

The Eg NC Structure



The task of the Eg. NC



**Technical
Committee
Activities**

Translation Activities

**Financial Accounts
for the TC**

Library

**Sales & Marketing
Activities**

**Periodic Meetings'
Preparations
& Decision Making**

**Financial & Managerial
Affairs**

**Correspondences &
Secretary Activities**

The Board of the Eg NC includes members from the following ministries, authorities and companies:



- Ministry of Electricity and Energy .
- Egyptian Electricity Holding company including its affiliated companies:
 - 1- Egyptian Electricity Transmission company.
 - 2- Six Generating companies .
 - 3- Nine distribution companies
- Rural Electrification authority.
- Nuclear Energy authority.
- New and Renewable Energy authority.
- Hydro Power Plants authority.

- Ministry of industry and technological promotion.
- Egyptian Organization for Standardization & Quality.
- Ministry of telecommunication and information.
- Ministry of transport (Rail way authority).
- Ministry of higher education and scientific Research.
- Ministry of High Education and its affiliated Universities.
- Public & Private companies and institution in Electric field.



The Eg NC is an image of the IEC, this means that it comprises the same number of the TCs & SCs as the IEC, the members of the TCs & SCs are consisting of Experts from all the above mentioned Ministries, Authorities, Companies, universities & Research centers.

The Eg NC is a "P" member in 37 TC&SC , "O" member in the remaining TC&SC.

The following slide Shows both the "P" member & "O" member



P – Member

1- 4- 9 – 14- 17 - 17A – 17 B – 17 C – 17 D - 20 –
23 – 26 – 28 – 32 – 32 A – 32 B – 32c – 33 – 34 –
35 - 36 – 37 – 38 – 42 – 45 – 45 A – 45 B - 57 –
62 C – 68 – 69 – 70 - 77 – 80 – 85 – 88 – 99

O – Member

The rest of TCs & SCs



a) Up till the year 1999

- The central office was dispatched by posting all the draft specifications edited by the Working Groups .
- The Eg NC was receiving about 10 tons of papers each year . this was distributed to concerned TC via Eg NC.
- The central office of The Eg NC receives all the comments from all the Eg TC & send them to the IEC central office, then it is discussed during the yearly General meeting with the comments from other countries.



b) Since the year 2000

The central office of the IEC stopped to send any papers by post & The Eg NC central office has got passwords to catch all the documents through the website & distribute them to the TC &SC

C) Since 2003

Each TC &SC has got a password & the mail of the chairman & Secretariat of the TC&SC, they get their documents through the website.



What is the situation of the IEC standards in Egypt.



- The IEC standards in Egypt are considered as National Standards.
- Whenever there is no Egyptian Standards. It is used in the English version.



Are the IEC standards used without any changes in them?



- The IEC standards as they are published is considered as national standards. Only in some cases when it does not suit the Egyptian climate. As for example, in case of the areas around the sea shore where is salty humidity and sandy storm dust .
- In this case the Egyptian side specifies certain criteria for the used insulators & conductors. These decisions for change are taken after long term tests applied in the high voltage laboratory which belongs to the Ministry of Electricity & Energy.



Are the IEC standards used without any changes in them?



- Also IEC is one of the references that used for developing the Egyptian National Standards in the following fields :
 - Electrical Appliances
 - Electric systems
 - Electro magnetic compatibility
 - Electronic components
 - Electric machines
 - Insulators



The Egyptian NC income comes as grants from the following:

- Egyptian Ministry of Electricity & Energy.
- Egyptian Electricity Holding Company.
- Egyptian Electricity Transmission Company.
- North Cairo Electrical Distribution Company.
- South Cairo Electrical Distribution Company.
- Alexandria Electrical Distribution Company.
- Middle – Egypt Electrical Distribution Company.
- Upper – Egypt Electrical Distribution Company.



- Delta Electrical Distribution Company.
- Qanah Electrical Distribution Company.
- El-Beheira Electrical Distribution Company.
- Egyptian Cables Company.
- Rural Electrification authority.
- Hydro Power Plants authority.
- Nuclear Energy authority.
- New and Renewable Energy authority.



- EGEMAC Company.
- ELMACO Company.
- Giza Cables Company.
- Power System Engineering Company.
- El-Nasr for Electrical Equipments Company (Philips).
- El-Nasr for TV Company.
- El-Nasr for air - conditioner Company (Coldair).

And as shown above the Ministry of Electricity & Energy and its affiliated companies contributed the majority part of the Budget.



- Before the year 2003, any utility or industrial company & communication are getting these needed standards directly from the IEC central office in Geneva.
- Starting from the year 2003, an agreement between the EG NC & the IEC central office was concluded that the Eg NC can sale the IEC standards and the prices of the standards are divided between the IEC central Office & the Eg NC in a way to cover the expenses of printing & other means needed to present the standard in a respected way .



- According to a special password was given to the EG NC by which through the IEC concerned web site the standard can be collected. Its prices are paid through bank transfer each three months .
- The income from the sales is still very little compared to the needed expenses of the Egyptian NC.



- First of all the TC & SC members are all volunteers. They get money for their contribution in the technical work they get only what we call their transportation expenses to the place where they meet .
- Finance the translation of the electro technical terms into Arabic language (which called IEV vocabulary):
 - The Eg NC has introduced the Arabic language to the IEV.
 - Translate more than 20,000 terms into Arabic language and coordinate with IEC for adding to the IEV

How is the Budget of the Eg NC disbursed?



- Very limited No. of Employee's salaries .
- Purchase of needs like computers, papers, CDs & all other expenses needed to run on the work .
- The annual fees paid to the IEC Central Office.



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THANK YOU

