



Excellence Enhancement Centre for Indian Power sector



Neerja Mathur

Chief Engineer CEA & Member Secretary EEC



BACKGROUND

- **Indo-German Energy Forum established in 2006 to promote Energy Efficiency and Energy Security in both countries.**
- **Indian and German Governments decided to set up Excellence Enhancement Centre (EEC) for Indian Power Sector.**
- **With initiative of MOP and CEA, EEC set up in India under Indo-German Energy (IGEN) programme.**
- **EEC registered as Society under Societies Act of NCT**
- **EEC inaugurated by Hon'ble Minister of State for Power on 2nd February 2012.**



OBJECTIVE OF EEC

To facilitate performance improvement of Indian power sector with focus on environment, efficiency and reliability by promoting deployment of advanced solutions regarding technology, processes and personnel skills.



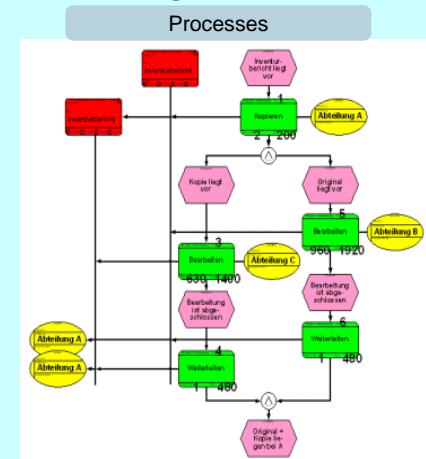
AIMS OF EEC

- To share and disseminate best practices in all areas of power sector and provide broad based expertise.
- To provide common platform and focal point for interaction amongst power sector experts including power plant operators, power utility representatives, manufacturers, industry associations, research and academic institutions
- To identify challenges, developing common solutions and joint action plans for power sector.
- To introduce most advanced technologies to the Indian power sector
- Facilitating access to international technical knowhow and their adaption to Indian conditions.
- To raise awareness for the need of excellence, clean environment and climate change.



EEC – Activities

- Expert workshops with specific technical issues as suggested by EEC members
- Technical working groups tackling common challenges
- Joint pilot projects, in order to introduce cutting edge technology to Indian power sector
- Preparation and dissemination of technical manuals / guidelines
- Comprehensive information and communication campaign, publications, newsletter, website, press, roadshows...
- Regular interaction of members through EEC website, meetings, regional events, plant visits
- Annual EEC congress





STRUCTURE OF EEC

- **Governing Body to oversee functioning of EEC:**
 - **Chairperson, CEA – President**
 - **Member (Planning), CEA – Vice-President**
 - **Director General, BEE – Member**
 - **Director (Technical), NTPC – Member**
 - **Sh D.K.Jain, Former Director, NTPC**
 - **GIZ Nominee – Member**
 - **VGB Nominee – Member**
 - **Chief Engineer (C&E), CEA – Member Secretary**
 - **Secretary, CBIP – Member and Treasurer**
 - **Individual Consultant(s)- Member**

- **Technical Advisory groups/ Working Groups- to be setup**

- **EEC Secretariat – CEO, GIZ Advisor, Project Assistant, office support**



FUNDING MECHANISM

- **Membership fees - EEC is a non-profit member driven organization.**
- **Partial funding by GlZ, Germany through Federal Ministry of Environment, Nature Conservation (BMU) Germany.**
- **Proposed to become self sustaining organisation in 2-3 years.**



EEC MEMBERSHIP

EEC Membership would be on voluntary basis and open to all including:

- Power generation, transmission, distribution companies.**
- Equipment suppliers.**
- Academic institutions.**
- Research institutions.**
- Equipment Manufacturers.**
- Associations, Training and financial institutions.**
- Individuals etc.**



MEMBERSHIP ANNUAL FEE STRUCTURE

S. No.	Category	Organization	Annual fee
1.	A	(a) CPSU (All Generating, Transmission & Distribution Companies) (b) State Utilities (All Generating, Transmission & Distribution Companies (except NE States including Sikkim) (c) Independent Power Producers (IPPs) (d) Private sector Generating, Transmission & Distribution companies (e) Captive Power Plants (f) Equipment Manufacturers (g) Industry Associations (h) Financial Institutions	1 lakh
2.	B	North Eastern State Utilities including Sikkim (All Generating Transmission & Distribution Companies)	10,000/-
3.	C	Training, Academic and Research Institutions	10,000/-
4.	D	Individual Membership	1,000/-



PRIVILEGES FOR MEMBERS OF EEC

- **Access to EEC website (Log in ID to be provided to EEC members) - for accessing special information available on website**
- **Access to technical knowhow/ best practices through VGB, Germany**
- **Access to web based platform to interact with other EEC members**
- **Copy of newsletter, manual/ guidelines/proceedings brought out by EEC**
- **Preference in Membership in the committee of experts constituted by EEC from time to time**
- **Joint Pilot projects, technical studies to be taken up.**
- **Expert advice on design and O&M issues related to plant performance as requested.**
- **Free use of EEC Library by Officers/Professionals of member organizations**
- **Discounts on the registration fee for events, publishing advertisements in the Journals, on purchase of EEC publications, participation fee for training programmes etc.**



EEC – Way Ahead

- To develop technical guidelines through inputs from VGB, Germany to serve as best practices document
- To hold Regional Workshops
- Formulation of Technical Advisory Group/ working group on emerging issues from the workshop
- Training programme in specialised area in India or at VGB training center, Germany.



EEC – Contact

**Excellence Enhancement Centre
West Block -2, Wing -5
R.K.Puram
Sector-1
New Delhi**

**[Email - contact@eecpowerindia.com](mailto:contact@eecpowerindia.com)
[Website- www.eecpowerindia.com](http://www.eecpowerindia.com)**

jagjit.singh@giz.de
munish.ganti@giz.de
wojtek.nieszporek@giz.de



THANK YOU