



69th

ANNUAL REPORT

2015-2016



Inaugurating ELECRAMA-2016 cutting the ribbon by Shri Piyush Goyal, Hon'ble MoS (IC) for Power, Coal and New & Renewable Energy; Shri D.K. Shiv Kumar, Energy Minister of Karnataka

Shri Suresh Prabhu, Hon'ble Minister of Railway; Shri Anil Swarup, Secretary, Ministry of Coal, Smt. Baroness Verma, Parliamentary Under Secretary of State - International Development, UK at the World Utility Summit at ELECRAMA 2016



Shri Anant Geete, Hon'ble Minister of Heavy Industries & Public Enterprises addressing the august gathering at International T&D conclave

L to R : Shri Aaditya R Dhoot, Chairman Elecrama 2016, Shri Vishnu Agarwal, Past President IEEMA, Shri Kalraj Mishra, Hon'ble Cabinet Minister of Micro, Small and Medium Enterprises, Shri Babu Babel, President IEEMA.



President's Message



Shri Babu Babel

President, IEEMA
Jt. Managing Director,
Secure Meters Ltd.

In the last year, we witnessed growth opportunities in the Indian market, despite volatility in most markets around the globe. Availability of affordable uninterrupted electricity continues to be a major thrust area for present government, which is clearly reflected in the policies and reforms undertaken by various ministries. After addressing the major concern about coal availability the focus has now shifted to T&D Sector. Efforts to improve energy efficiency of equipment have already shown positive results.

There are reasons for all of us to be optimistic (albeit cautiously) as the industry appears to be “slowly” moving towards improved market demand. The domestic demand is showing signs of growth in many segments based on reform projects announced by the government. However, the volatility in global markets and dumping by some warrant us to be cautious and vigilant. Our challenge is installed capacities, which in most areas are still underutilised, but we have reasons to expect better times.

IEEMA, as an apex industry association of manufacturers of electrical, industrial electronics and allied equipment in India, is invited by various ministries to provide inputs in policy formulation. Through the divisions and secretariat these inputs are being provided. Greater participation across the membership will further help our industry to contribute build a sustainable electrical infrastructure. There is already improvement being noticed in market activities by some of our divisions. We need to monitor and support the overall revival.

The last 11 months have been significant with several new developments. With the theme of “emPOWERing Make in India”, IEEMA’s support to power sector improvement efforts and engagement with key decision makers continued. The Association strengthened its engagement with various arms of Central / State governments and Power Utilities. IEEMA has continuously been in dialogue with Ministry of Power to lend the industry’s support to make important programs like UDAY, IPDS and DDUGJY successful.

I am pleased that IEEMA was invited to make a presentation during Review Planning & Monitoring (RP&M) meeting with Secretaries (Power/Energy) and CMDs and MDs of state utilities under the chairmanship of Secretary (Power) along with the Addl. Secretaries. This presentation covered IEEMA’s suggestions on how effective metering, billing and collection and revenue management can help the discoms reduce AT&C losses. Another RPM was held at Bengaluru concurrent with Elecrama.

The other Ministries, where IEEMA has strengthened its engagement significantly include Heavy Industries, MSME, Commerce, DIPP, DeITY and Ministry of Finance. This has been made possible due to persistent effort of IEEMA team all around including, EC Members and product divisions.

Another noteworthy achievement of IEEMA is almost full acceptance of its 4 point agenda, which is reflected in two very important decisions by the Government. In May this year, new domestic procurement norm by CEA was issued, according to which, any equipment or material for Government-funded power projects will have to be procured locally through domestic competitive bidding. The decision also emphasizes that, if any international competitive bidding is necessary, then the quoted price has to be in India Rupees only. Since foreign manufacturers will be required to establish manufacturing facility in India within a specific timeframe and ensure transfer of technology under a Phased Manufacturing Program, this will pave way for the domestic manufacturing sector.

Another important achievement was the acceptance of IEEMA recommendations by the DHI. These were incorporated in the final National Capital Goods Policy, in June this year, which was written by DHI after elaborate discussion with the industry, IEEMA being a major partner in drafting of this policy.

IEEMA had also represented its Pre-Budget Memorandum 2016-17 to Ministry of Finance, and also through Ministry of Power, Department of Heavy Industry, Department of Industrial Policy and Promotion and other Government agencies. IEEMA Economic and Taxation Committee also had interactive meetings with the Ministry of Finance and Department of Industrial Policy and Promotion as a part of its Pre-Budget exercise.

Last year we had about 75 Divisional meetings, with extremely good attendance from our divisional members. As you are aware, we have introduced the webinar facility, which has resulted in large number of participation from our members.

We have increased the membership outreach efforts and the membership has been growing consistently.

We have reached out to various Ministries, Utilities through our conferences and exhibitions.

Elecrama 2016 saw unprecedented success in terms of number of events and participation all across including all key decision makers. The "World Utility Summit", "Network to network", 'Engineer Infinite', 'Innovation Day' and all other events evinced huge interest.

Other shows/interactions like empowering Make in India, Making UDAY happen, SWICON, T&D

Conclave, MSME conclave and many division specific workshops were organised, targeted specifically for the industry.

Our continued effort for strengthening IEEMA's relationship with other associations has been very fruitful. We signed four MoU's, revived and strengthened our relationship with 13 international associations and leading associations in India.

In the international arena, we had interactive sessions of our members with delegations from South Africa, Thailand, China and Canada among others. The strong presence of IEEMA at the Africa Utility Week and Hannover Messe, showcased the capability of our electrical and industrial electronics industry. Our delegation visited more than 16 countries, in Africa, South East Asia and the Middle East to build on the global participation. Our delegation to the Middle East Electricity, had successful engagement with the DEWA officials, other associations and participating members. I personally was a part of the delegation to Japan along with the Power Minister, where we had the honor to interact with the top industry leaders.

To address specific concerns of the distribution transformer a new division has been set up and in a short span of few months it has done remarkable work and value addition.

You will all agree that IEEMA's brand equity has grown further in continuation of the efforts made in previous years.

Lastly, I would like to say that we need to leverage these interactions to grow the power sector and in turn the businesses of our members in the electrical industry. As mentioned earlier, I am cautiously optimistic about the year ahead. The plans announced by the government to deliver 24x7 Power to all, thrust on renewables and improve the T&D sector augurs well for the industry. Continued dialogue with the policy makers and investment in electrical infrastructure should help us grow the available market. We will grow activities in the non utility sector as well. I look forward to your continued support and feedback.

I would finally like to extend my heartfelt gratitude to all IEEMA members, council members, office bearers, past presidents and last but not the least – our secretariat who has tirelessly worked around the clock to bring fruition to our various initiatives. They are enthusiastic and keen to see the association grow like all members..

Together we can !



Babu Babel



President

Shri Babu Babel
Jt. Managing Director
Secure Meters Ltd.

EXECUTIVE COUNCIL



Vice-President

Shri Sanjeev Sardana
Managing Director
Yamuna Power & Infrastructure Limited



Immediate Past President

Shri Vishnu Agarwal
Chairman & Managing Director
Technical Associates Ltd.



Vice-President

Smt. Indra Prem Menon
President & Managing Director
Lakshmanan Isola Pvt Limited

ELECTED MEMBERS



Shri Harish Agarwal
CEO
Supreme & Co



Shri Jitendra Kumar Agarwal
Jt. Managing Director
Genus Power Infrastructure Ltd



Shri Vinamra Agarwal
Director
Technical Associates Ltd



Shri R.K. Chugh
Vice President - South Asia Digital Grid
Siemens Ltd.



Shri Chaitanya Desai
Managing Director
Apar Industries Ltd



Shri Maadhav Digraskar
Managing Director & CEO
Cable Corporation of India Ltd



Shri Aaditya R Dhoot
Managing Director
IMP Powers Limited



Shri Anand B Hunnur
Director-Sales & Marketing
Kirloskar Electric Co. Ltd



Shri Shreegopal Kabra
President
Ram Ratna Wires Ltd

ELECTED MEMBERS



Shri Vijay P Karia
Chairman & Managing Director
Ravin Group of Companies



Shri Deepak Khandelwal
President -Projects
Emco Limited



Shri Vikas Khosla
President
Aditya Birla Insulators



Shri Naveen Kumar
Head – Corporate Centre
Larsen & Toubro Limited



Shri Vipul Ray
Managing Director
Elmex Controls Pvt Ltd



Shri Anil Saboo
Managing Director
Elektrolites (Power) Pvt Ltd



Shri Arvind Shrowty
Executive Director
KEI Industries Ltd



Shri B. Ukil
Vice President –Indian Sub Continent
Crompton Greaves Limited
(since resigned from CGL)

CO-OPTED MEMBERS



Shri Ajit Singh Chouhan
Managing Director & CEO
Weir India Private Limited



Shri Satyajit Chattopadhyay
Director
WEG Industries (India) Pvt Ltd



Shri Vikas Jalan
Vice Chairman & Jt. Managing Director
Deccan Enterprises Limited



Shri Amitabh Mathur
Director (Industrial Systems & Products)
Bharat Heavy Electricals Limited



Shri Saif Qureishi
CEO & Managing Director
Kryfs Power Components Ltd



Shri Mustafa Wajid
Managing Director & CEO, MEHER Group
MHM Holdings Pvt Ltd

STANDING INVITEES



Shri Sudhakar R Bhat
Director General
Central Power Research Institute



Shri Prakash Chandraker
Vice President & Managing Director
Schneider Electric Infrastructure Limited



Shri Ramani Kasi
President
Raychem RPG P Ltd



Capt. V.W. Katre
Director
20 Cube Logistics P Ltd



Shri S.K. Khanna
Managing Director
Special Cables Pvt Ltd



Shri Vimal Kejriwal
Managing Director & CEO
KEC International Ltd

STANDING INVITEES



Shri Dileep Mangsuli
Site Leader
GE India Export Pvt Ltd



Shri Narayan Sethuramon
President & CEO
MacLean Asia Pacific



Dr. M .K. Shah
Director
Electrical Research and Development
Association (ERDA)



Shri Pitamber Shivnani
President – Power Products
ABB India Limited

INVITEES & COUNSELLORS



Shri Raj H Eswaran
Managing Director
Easun Reyrolle Limited



Shri J.G. Kulkarni
Past President – IEEMA



Shri R.D. Chandak
Past President – IEEMA



Shri Vimal Mahendru
President
Novateur Electricals & Digital Systems P Ltd



Shri Murali Venkatraman
Promoter
W.S Industries (India) Limited

SPECIAL INVITEE



Shri P. Umashankar, I.A.S (Retd),
Former Secretary, Ministry of Power

DIVISIONAL CHAIRMEN



CABLE DIVISION
Shri Bharat A Jaisinghani
Director
Polycab Wires Pvt Ltd



CAPACITOR DIVISION
Shri Ajay Joshi
Vice President (Capacitor –Mktg)
Universal Cables Ltd



CONDUCTOR DIVISION
Shri Manish Agarwal
Vice President, Business Head
(Power Products & Solutions)
Sterlite Technologies Limited



**ELECTRICAL INSULATING
MATERIAL DIVISION**
Shri Mihir S. Merchant
Dy. CEO – Strategic Businesses
Permali Wallace Pvt Ltd



**ELEVATORS AND
ESCALATORS DIVISION**
Shri Sebi Joseph
Managing Director
Otis Elevator Company (India) Ltd



**INTERNATIONAL
BUSINESS DIVISION**
Shri Anil Saboo
Managing Director
Elektrolites (Power) Pvt Ltd



INSTRUMENT TRANSFORMER DIVISION
Shri Vidyadhar Shevade
Dy. GM - Mkts. (Instrument Transformers,
Bushings & Lightning Arresters)
Crompton Greaves Ltd.



INSULATOR DIVISION
Shri Samir Kumar Ghosh
Chairman – Director
Allied Ceramics Pvt Ltd

DIVISIONAL CHAIRMEN



METER DIVISION
Shri Jitendra Kumar Agarwal
Jt. Managing Director
Genus Power Infrastructure Ltd



ROTATING MACHINE DIVISION
Shri Ashok Kulkarni
Regional Sales Head (IS)
Crompton Greaves Ltd



MV & HV SWITCHGEAR DIVISION
Shri A.S. Subramaniyan
General Manager
Energy Management Strategy
Energy Management Division
Siemens Ltd



LV SWITCHGEAR DIVISION
Shri M.P. Kamath
Vice President- Strategy & Business
Excellence, Process Industries & Drives
Division, Siemens Ltd.



SMART GRID DIVISION
Shri Vikram Gandotra
General Manager (Mkt. & Strategy)
Digital Grid, Siemens Ltd.



SME DIVISION
Shri J.G. Kulkarni
Past President - IEEMA



SURGE ARRESTER DIVISION
Shri K. Padmakumar
Regional Manager
Lamco Industries P Ltd



POWER GENERATION SYSTEMS DIVISION
Shri Sunil Parwani
General Manager (Marketing)
Bharat Heavy Electricals Ltd

DIVISIONAL CHAIRMEN



POWER TRANSFORMER DIVISION
Shri Biswaroop Ukil (Till March'16)
Vice President –Indian Sub Continent
Crompton Greaves Limited



POWER TRANSFORMER DIVISION
Shri Manjit Singh Sethi (From April'16)
Vice President & Head – Transformers
ABB India Ltd



DISTRIBUTION
TRANSFORMER DIVISION
Shri Pawan Kumar Jain
Managing Director
Kotsons Pvt Ltd



TRANSMISSION & DISTRIBUTION
PROJECTS DIVISION
Shri Harish Agarwal
CEO
Supreme & Co. Pvt Ltd.



WINDING WIRE DIVISION
Shri Shreegopal Kabra
President
Ram Ratna Wires Ltd

COMMITTEES & CELLS



ELECTRICAL LAMINATION COMMITTEE
Shri Saif Qureishi
CEO & Managing Director
Kryfs Power Components Ltd



EASTERN REGION COMMITTEE
Shri R.K. Shah
President
(Proc. Comml. & Bkng) EMC Ltd



ECONOMIC & TAXATION COMMITTEE
Shri P. Ramakrishnan
Head-Finance & Accounts
Larsen & Toubro Limited



RENEWABLE ENERGY COMMITTEE
Shri Vikalp Mundra
Jt. Managing Director
Ujjas Energy Ltd



PUBLIC POLICY CELL
Smt. Indra Prem Menon
President & Managing Director
Lakshmanan Isola Pvt Limited



QUALITY CELL
Shri M.G. Sathyendra
QmartGlobal

IEEMA SECRETARIAT

Sunil Misra Director General

Mumbai

Cdr. Parijat Sinha (Retd.)

Head – Operations & Admin

Anil Nagrani

Dy. Director General

Pravin S Kelaskar

Director - General Administration

Ninad Ranade

Dy. Director – PVC & Statistics

Suhas Nawathe

Dy. Director - Membership

Pragati Sohoni

Sr. Executive Officer

Product & Divisions

Madhura Bhivandkar

Executive Officer

Membership & Representative - ISO

Shalini Singh

Sub-Editor

IEEMA Journal

New Delhi

J. Pande

Sr. Director – Product

Divisions

Ajay Mahajan

Head

Trade Fairs Marketing

Gopal Krishna Mallik

Head – HR

Niharika Jaiswal

Head–Finance & Accounts

Rachna Pawa

Head – Corporate

Communications & PR

Anita Gupta

Dy. Director – Product

Divisions

Sudeep Sarkar

Dy. Director – Public Policy,

Economic & Taxation

Jaideep Das

Dy. Director – IT

Reema Shrivastava

Dy. Director – DG Secretariat

Naveen Upreti

Executive Officer – Product

Divisions

Uttam Kumar

Executive Officer – Product

Divisions

Vivek Arora

Executive Officer – Product

Divisions

Dharmaraj Isaac Zaccheus

Executive Officer – Finance

& Accounts

Mohd. Akeel Khan

Executive Officer – Product

Divisions

Bangalore

K. Seetharaman

Sr. Executive Officer - Regional Office, Bangalore

Murli Krishna

Manager – Key Accounts, Trade Fair Mktg

Kolkata

Subhajit Dasgupta

Sr. Executive Officer – Regional Office, Kolkata

State Heads

Andhra Pradesh & Telangana

Jesse A Inaparthy

Bihar, Chattisgarh, Jharkhand & MP

Rakesh Kumar Ojha

Gujarat

Tarjani Patel

Chandigarh, Haryana, Punjab & Himachal Pradesh

Bharti Bisht

Jammu & Kashmir

Mohd. Irfan Parray

North Eastern States

Nilankha Chaliha

Odisha

Smruti Ranjan Samantaray

Rajasthan

Devesh Vyas

Uttar Pradesh & Uttarakhand

Anuj Kumar Chaturvedi

Bankers

Bank of India, Mumbai

State Bank of India, Bangalore, Mumbai

Indian Overseas Bank, Mumbai, Delhi & Kolkata

The Oriental Bank of Commerce, New Delhi

HDFC Bank, Mumbai

Auditors : Singhi & Co., Mumbai

Internal Auditors : S.R. Rege & Co. Mumbai

Tax Auditors : Sharp & Tannan, Mumbai

Secretarial Consultant : V.N. Deodhar & Co. Mumbai

COMMITTEES AND SUB-COMMITTEES:

For the year 2015-16

Membership Committee:

Shri R.K. Shah, President (PC&B), EMC Ltd
Shri Jitendra Kumar Agarwal, MD, Genus Power Infrastructure
Shri B. Ukil, VP –Substation and Sourcing – KEC International Ltd

Shri Narayan Sethuramon, President & CEO,
MacLean Asia Pacific, Chennai
Director General, IEEMA

Advisory Committee for Investment & Audit

Shri R.D. Chandak (Past President)
Shri Chaitanya Desai, MD, Apar Industries Ltd.

Shri Deepak Khandelwal, President–Projects, EMCO Limited
Director General, IEEMA

HR and Administration Committee

Shri Ajit Singh Chouhan, MD & CEO,
Weir India Private Limited
Shri Babu Babel, Jt. MD, Secure Meters Ltd.

Smt. Indra Prem Menon, MD, Lakshmanan Isola Pvt. Ltd.
Shri Sanjeev Sardana, MD, Yamuna Power & Infrastructure Ltd.
Director General, IEEMA

Advisory Committee for IEEMA Journal

Shri Mustafa Wajid, MD &CEO, MHM Holdings
Shri Naveen Kumar, Head – Corporate Centre,
Larsen & Tourbro Limited

Shri Vikram Gandotra, GM (Mktg), Siemens Ltd.
Shri Vijay P. Karia, MD, Ravin Cables Limited
Director General, IEEMA

Advisory Committee on Revenue Enhancement

Mr Sanjeev Sardana, MD, Yamuna Power & Infrastructure Ltd.
Smt. Indra Prem Menon, MD, Lakshmanan Isola Pvt. Ltd.
Shri Shreegopal Kabra, President, Ram Ratna Wires Ltd.

Shri Chaitanya Desai, MD,
Apar Industries Ltd.
Shri Aaditya R Dhoot, MD,
IMP Powers Ltd, Director General

Economic & Taxation Committee

Shri P Ramakrishnan, Head – Finance & Accounts
Electrical &Automation Larsen& Toubro Limited
Shri G S Sharma, Former Chairman, E&T Committee,
L&T Consultant (Taxation), L&T–MHI Boilers Pvt. Ltd.
Shri Rajeev Aggarwal, Chief Financial Officer,
KEC International Limited
Dr. (Smt.) Jaya Sathe, Managing Director, Gilbert and
Maxwell Electricals Pvt. Ltd.
Shri Ganesh Tawari, General Manager (Finance),
Emco Limited
Shri Adarsh Jain, General Manager
(Finance / Commercial), KEI Industries Ltd.
Shri P. Sridharan, Sr. Manager (Indirect Taxation),
Siemens Ltd.
Shri Sudhir Zutshi, Head – Government Affairs India,
Underwriters Laboratories

Shri Ashok Sahijwani, Larsen & Toubro Finance and
Holdings
Shri Anand Thakur, Sr. Manager (Commercial), KEI
Industries Ltd.
Shri Rahul Shah, Chief Financial Officer, Transformers
& Rectifiers India Limited
Shri I. C. Thakur, DGM (Indirect Taxes), Apar
Industries Ltd.
Shri Sandeep Tilak, Vice President (Finance &
Corporate Strategy), Bharat Bijlee Limited
Shri Yogendra Agarwal, Senior General Manager
(Finance), Bharat Bijlee Limited
Shri Ganesh Jayaraman, DGM, Taxation & Legal KEC
International Ltd.

REPRESENTATION ON EXTERNAL BODIES

For the year 2015-16

Governing Body of Central Power Research Institute	Shri Babu Babel Smt. Indra Prem Menon
R&D Committee of Central Power Research Institute	Smt. Indra Prem Menon Shri B. Ukil Shri P Ramachandran
Development Council for Heavy Electrical & Allied Industries (DCHEAI)	Shri Amitabh Mathur Shri S Chattopadhyay
Governing Council of National Power Training Institute (NPTI)	Shri R.K. Chugh Shri Harish Agarwal
Governing Body of Quality Council Of India	Shri Madhav Digraskar Shri Vijay P. Karia
Managing Committee of ERDA	Shri Babu Babel Shri Chaitanya Desai Shri Vipul Ray
Indian National Committee (INC IEC)	Shri Arvind Shrowty Shri Vipul Ray Shri Vivek Sarwate
Governing Council of MSME - Technology Development	Shri J.G. Kulkarni Shri Anil Saboo Shri Vipul Ray Shri Vijay P. Karia
CII National Committee on 'Capital goods and engineering'	Shri Prakash Chandraker Shri Amitabh Mathur
Advisory Board on Sectoral (M&E) – STQC Certification Services, Ministry of Communication & Inf. Technology	Shri Vikas Jalan
CII – ASCON	Shri Babu Babel
Power Sector Skill Council – Central Electricity Authority	Shri R.K. Chugh Smt. Indra Prem Menon
Mission Plan – IMG on Industry Competitiveness, Exports and Conversion of Latent Demand	Shri Sanjeev Sardana Smt. Indra Prem Menon
Mission Plan – IMG on Technology Upgradation and Skills Development	Shri Amitabh Mathur Shri P. Ramachandran Smt. Indra Prem Menon
Technical Review Committee for All India Index of Industrial Production	Shri Vikas Khosla
National Council of Confederation of Indian Industry	Shri Babu Babel

IEEMA LEADERSHIP



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ELECTRIFYING PROSPERITY IN INDIA



L to R : Shri Sunil Misra, Director General IEEMA, Shri Babu Babel, President IEEMA, Shri Uma Shankar, Former Secretary, Power, Govt. of India, Shri Vishnu Agarwal, Past President IEEMA, Shri Devendra Chaudhry, Secretary, DADF & Former Joint Secretary, Ministry of Power, Shri Harish Agarwal, Executive Council Member IEEMA.

REPORT OF THE EXECUTIVE COUNCIL TO THE MEMBERS

The Executive Council takes pleasure in submitting its report on the activities during the year along with the audited statement of accounts for the year ended 31.3.2016.



Following meetings of the Council were held in the year 2015-16

Meetings of the Council		
No.	Date	Venue
1.	23 rd April 2015	Guwahati
2.	22 nd June 2015	Bhopal
3.	17 th August 2015	Mumbai
4.	25 th September 2015	Mumbai
5.	27 th November 2015	Mumbai
6.	16 th January 2016	New Delhi
7.	17 th February 2016	Bangaluru

MEMBERSHIP

Ordinary Members

During the year Twenty Nine (29) companies joined IEEMA as ordinary members. Eleven (11) member companies resigned and Fifty Nine (59) member companies were terminated on account of non-payment of subscription over two years despite continuous persuasion

from membership. Details of new members are as follows:

1. Anvil Cables Pvt. Ltd.
2. Tamra Dhatu Udyog Pvt. Ltd.
3. Bawa Polymers
4. C. M. Rajgarhia P. Ltd.
5. Jindal Rectifiers
6. North Sun Enterprises
7. Pentagon Switchgear Pvt Ltd.
8. Unity Controls Pvt Ltd
9. Ravi Brass Industries
10. Airen Metals Pvt. Ltd.
11. KVTEK Power Systems Pvt. Ltd.
12. Balar Marketing Pvt. Ltd.
13. Azure Switchgear Pvt. Ltd.
14. Waaree Energies Ltd.
15. Electronic Automation Pvt. Ltd.
16. Karad Projects and Motors Ltd.
17. Shashwat Cables Private Limited
18. Uttam Galva Steels Limited
19. Ardisons Associates
20. Baba Strips & Tubes Ltd.
21. Doosan Power Systems Pvt. Ltd.
22. Electronics & Quality Devt. Centre
23. Formulated Polymers Limited
24. Naseer Electrical Industries
25. Vikram Solar Pvt. Ltd.
26. Transtron Electricals Pvt. Ltd.
27. Mangal Electrical Industries Pvt. Ltd.
28. Shri Krsna Sudarshan Urja Pvt. Ltd.
29. Vijaya Mercantile Pvt. Ltd.

The number of Ordinary Members at the end of the financial year stood at Six Hundred (600) a net reduction of Forty(40) members principally due to termination of membership affected after two years.



Associate Members

During the year Ten (10) companies joined IEEMA as Associate members. 6 Member companies resigned and Nine (9) member companies terminated on account of non-payment of subscription over two years despite continuous persuasion from the membership. Details of new members are as follows:

1. Brugg Cables India Pvt. Ltd.
2. ZTT India Pvt. Ltd.
3. Ajay Metal Products
4. RK Electrical Industries
5. Cargill India Pvt. Ltd.
6. NTL Steels
7. Akash Powertech Pvt. Ltd.
8. Light & Shade Electricals P. Ltd.
9. Crest Technology
10. Cyan Technology Ltd.

At the end of the year, Associate Membership stood at One Hundred Sixty Seven (167), a net reduction of six (6) members principally due to termination of membership affected after two years.

Institutional Membership

During the year Three (3) companies joined IEEMA as Institutional Members. Details of new members are as follows:

1. Chitkara University
2. Indraprastha Institute of Information Technology Delhi
3. Poornima Group of Colleges

Membership Position

The total IEEMA membership at the end of the financial year stood at Seven Hundred Sixty Seven (767).

IEEMA – Annual Convention and 68th Annual General Meeting

With emPOWERing MAKE IN INDIA being the theme of IEEMA's Annual Convention 2015 held on September 25, 2015 at Hotel Trident in Mumbai, the subject was highly appreciated by dignitaries and industry leaders present on

the occasion. The convention was followed by the 68th Annual General Meeting of IEEMA where the newly elected President of IEEMA Shri Babu Babel took over the post.

The annual convention was inaugurated by Shri Anant Geete, Minister for Heavy industries and Public Enterprises. Shri Kalraj Mishra Minister of Micro, Small and Medium Enterprises delivered his keynote address on the subject "eMPOWERing Make in India through MSME". Also present on the occasion were Shri Anil Swarup, Secretary, Ministry of Coal, Shri P.K. Pujari, Secretary, Ministry of Power and Shri Tarun Das, Trustee, Ananta Aspen Center and Former Chief Mentor CII.

The Convention was followed by the 68th IEEMA Annual General meeting. Shri Vishnu Agarwal, President, IEEMA presented a report on the activities during the preceding year.

IEEMA felicitated member company 'Transformers & Electricals Kerala Ltd' who continued to be with the Association for more than fifty years and a memento as token of appreciation for their support was presented.

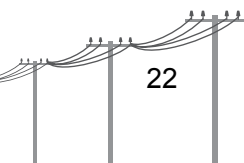
IEEMA also recognized Smt. Chitra Tamhankar and Smt. Annamma Philipose for their long and dedicated service to the Association of over 25 years and presented a memento as token of appreciation.

A Memento was presented to President on behalf of the Executive Council and members of the Association in appreciation of his leadership and unstinted contribution to the association and the difference that he has made to add value to membership. He was also presented with a Portrait and photo album of memoirs of the 'Year gone By'.

IEEMA Executive Council Meetings

The Executive Council met on seven occasions during the year 2015-16

The first meeting of the Executive Council was held on 23rd April 2015 at Guwahati. Members during the meeting discussed proposal for the 68th IEEMA AGM and Annual Convention in September 2015 and it was



decided to hold it between 21st – 30th of September with the theme of emPOWERing Make in India.

Members were briefed about action plan for SME division and it was clarified that the division would address generic issues and concerns pertaining to SME as a category.

During a presentation pertaining to institutional membership, members opined that IEEMA should utilise the platform of institutional membership for generating research and aiding campus placement amongst member companies and improving technical prowess.

Members also discussed about outstanding of various nature from IEEMA members and proposed ways ahead which would be implemented with immediate effect.

The 2nd meeting of the Executive Council was held on 22nd June 2015 at Bhopal. Members deliberated extensively on the state of industry and discussed on the issues that came out during that conversation. Members were informed about price preference policy of the government after which they also discussed about the Maira Committee report on price preference for the Indian industry.

Members appreciated the preparatory planning of INTELECT 2017 which has been commenced almost two years in advance. The proposal of Institutional Membership was adopted.

Council also discussed about need for opening a new Inverter/UPS divisions, creation of new revenue stream viz IEEMA business Advisory Services was deliberated in detail and the need for setting up alternate revenue streams with a long term view was accepted. Two activities viz; circulation of tender information and provide a transparent and neutral platform for handshaking between members and prospective investors / collaborators were considered as presently practical.

There was a briefing on initial activities of the SME division and ways ahead by the Chairman, SME division. During the meeting, presentations were made by M/s. Deloitte on Brand India Engineering and Shri T.S. Vishwanath, APJ-SLG Law Offices on Industry and Business Analytic.

The 3rd Meeting of Executive Council was held on 17th August 2015 at Mumbai. Members discussed and approved the Accounts for the year 2014 -15.

Council discussed and debated at length about revision of Memorandum and Articles of Association.

Council approved formation of two divisions viz; 'Industrial Electronics Division' and 'Elevators & Escalators' Division. Council also approved transfer of IEEMA PF Trust to Employees Provident Fund Organisation by unanimously passing the necessary resolution.

Council discussed and deliberated extensively on the ELECRAMA – 2014 outstanding dues and taken necessary remedial action for the same.



L to R : Shri Sunil Misra, Director General, IEEMA; Shri Anant Geete, Hon'ble Minister of Heavy Industries & Public Enterprises; Shri Vishnu Agarwal, Past President IEEMA; Shri Babu Babel, President, IEEMA and Shri Sanjeev Sardana Vice President, IEEMA.



Apart from the above, council discussed about Discrepancy resolution of disputed Membership outstanding amount, landmark and key decisions by Executive Council – last 10 years analysis report, IEEMA Mission Plan 2012-2022 - Summary of short and long term goals and other matters of general nature.

The 4th Meeting of Executive Council 2015-16 was held on 25th September 2015 at Mumbai. Council ratified names of Co-opted, Standing Invitees and Special Invitees. The Council also discussed and approved various Internal Committees and Representatives on various external bodies.

The appointment of Chairman for Intellect-2017 was also discussed in the meeting. Shri Prakash Chandraker, Managing Director & VP (Energy), Schneider Electric Infrastructure Limited will be chairing the Organising Committee. Other issues pertaining to upcoming events, ways forward and futuristic vision were discussed.

The 5th Meeting of Executive Council 2015-16 was held on 27th November 2015 at Mumbai. During the meeting, President gave brief summary of the activities held since last EC meeting.

The Council members were informed of an invitation that has been received from Secretary, MoP for IEEMA to make a short presentation during the monthly RPM on activities of the electrical industry with specific emphasis on those that are particularly relevant to the State Energy Secretaries. This would also provide an opportunity to interact with all the decision makers at a single forum.

Council discussed on the state of industry and divisional activities. A proposal to create a think-tank including integration of renewable energy was taken up and approved. The think-tanks would comprise of;

- a. Think-tank on Generation – Shri R.K. Chugh, Siemens Ltd
- b. Think-tank on Technical loss reduction (excluding commercial) – Shri Vimal Mahendru and Shri J.G. Kulkarni

It was proposed that the government commission a baseline study on technical issues. It was decided that the report generated by two think-tanks will be taken up with the government for further engagement.

Council discussed various issues pertaining to CPRI and observed that opportunity existed for improvement and involvement of IEEMA members in CPRI activities. Members of the governing body agreed to actively involve.

The World-Bank guidelines on ease of doing business was discussed in detail. Council members opined that applicability across our sector should be explored.

Conceptualization of INTELECT-2017 was discussed in detail and it was decided that the theme for the next edition of 2017 would encompass electricity, automation, IOT and advances in distribution technology

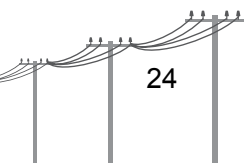
Council also discussed about formation of Industry Academia Cell and conduct of seminar on present test facilities and its need for expansion.

Since some members expressed their concern on the present procedure related to reverse auction, Council decided to commission a study on the process and recommendation arising out of the study be taken up at appropriate levels.

The 6th Meeting of Executive Council 2015-16 was held on 16th January 2016 at New Delhi. During the meeting, President gave brief summary of the activities held since last EC meeting.

Council discussed at length on the issue of Purchase Preference and suggested that the government order on development to be pursued for strict implementation. The discussions were concluded with the remark 'quality and reliability were the two most important characteristic for aligning terms, growth and sustenance'.

Council gave directives for formation of Industry Academia Cell and Prof. S.C. Shrivastava, IIT –Khanpur and S.R. Dhanasekaran, Dean – Chitkara University have been identified for steering the Cell.



Council discussed on the subject of change in PV formula and decided that the preliminary proposal to be circulated to EC members at two stages, (1) acceptance to necessity and (2) final approval prior to promulgation.

Council discussed about Seminar on Test Facilities and requested secretariat to enhance efforts at reaching out to non-members through state heads after making them understanding the significance and importance of the activity.

Council discussed on INTELECT -2017 and Delhi is proposed to be the location for next INTELECT and to be organized between 1st to 15th February 2017.

Council approved formation of a separate division for Distribution Transformer.

During the meeting a presentation was made by Shri Ravi Gilani, Goldratt on Transforming Budgets and Review Process in today's volatile environment

The 7th Meeting of Executive Council 2015-16 was held on 17th February 2016 at Bangalore during ELECRAMA-2016 Exhibition. During the meeting, President briefed the Council on his recent visit to Japan and Australia with the Power Minister's delegation. He mentioned that the visit was an opportunity to showcase the strength of Indian electrical industry

besides establishing a direct connect with key ministry officials, industry bodies, diplomats and influencers of those countries.

Shri Babel was concerned about the lukewarm response from the membership in the last few such occasions of international representation. He urged Council members to come forward and utilize these opportunities for brand building and networking.

In the absence of Shri Prakash Chandraker, Chairman Organising Committee of !ntelect-2017, Director General informed that !ntelect -2017 is being planned to be held at Delhi and finalization of venue for the same is under progress.

Members took opinion survey on ELECRAMA-2016. The general feedback from exhibitors has been very positive. Shri Babu Babel mentioned that ELECRAMA -2016 has created a great impact on various ministries of Government of India as the show provided the stakeholders in the power industry a worldview on technology, best practices, new systems and forecasting the trends in the future of electricity, both from the technology and a socio-economic point of view. The show created gained a well deserved recognition from national and international visitors.

Shri Vijay Karia was unanimously chosen as Chairman for ELECRAMA-2018 exhibition.

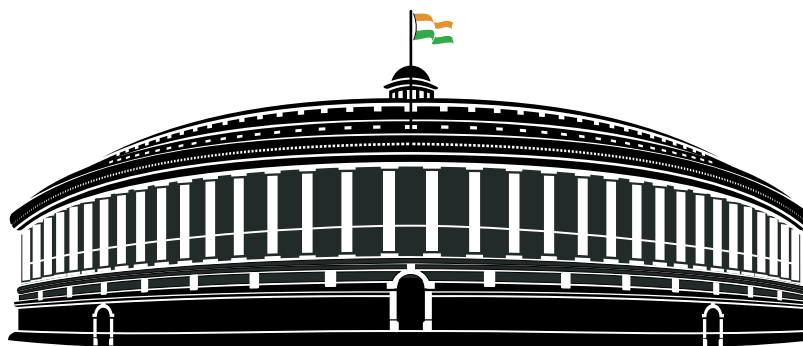


L to R: Shri Sunil Misra, Director General, IEEMA, Shri Babu Babel, President IEEMA; Shri Anant Geete, Hon'ble Minister of Heavy Industries & Public Enterprises; Shri Vishnu Agarwal, Past President IEEMA; Shri Sanjeev Sardana Vice President IEEMA, Smt. Indra Prem Menon, Vice President, IEEMA and Shri Ajit Singh Chouhan, Executive Council Member, IEEMA



GOVERNMENT INTERFACE

As the voice of the electrical equipment industry, IEEMA maintained a continuous dialogue and policy interface with the government and its various agencies and is proactively engaged with them on issues of concern and challenges faced by the Indian electrical equipment industry.



DELHI

Indian Electrical Equipment Industry Mission Plan 2012-2022:

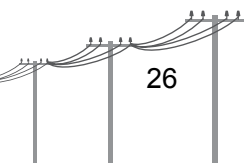
The Department of Heavy Industry (DHI), Government of India, with support from IEEMA and various stakeholders developed the Indian Electrical Equipment Industry Mission Plan 2012-2022, with a view to support the domestic electrical equipment industry's future development and enhance its global competitiveness.

Launched in 2013, the Mission Plan envisages making India the country of choice for the production of electrical equipment and reaching an output of USD 100 billion by balancing imports and exports. The Mission Plan seeks to steer, coordinate and synergise the efforts of all stakeholders to accelerate and sustain the growth of the domestic electrical equipment industry.

Post launch of the Mission Plan, DHI had set up two Inter-Ministerial Groups (IMGs) to

formulate a cogent and common approach to deal with the various recommended interventions under the key areas.

Four meetings of the IMGs were held on 28th October 2013, 22nd April 2014, 20th February 2015, 20th July 2015, while a Development Council meeting of the Department of Heavy Industry was held on the same subject on 18th November 2015. Various recommendations of the Mission Plan were deliberated in these meetings and their action points by various stakeholders were decided in the areas of establishing level playing field, focusing on international standardisation, up-gradation of domestic testing facilities, standardisation of product ratings and specifications, creation of equitable contract conditions, reducing transaction costs in exports, taking industry initiatives, funds availability and long-term buyer's credit, addressing technical barriers to exports, identification of studies to be conducted, constitution of expert committee on R&D for electrical equipment industry, nuclear power plants, developing skills of



the industry, encouraging innovation by students, increase in basic customs duty to 10%, amendment of procurement policy under domestic funding, pilot project for improving quality of clay required for insulators, improvement of facilities at Nashik Engineering Cluster etc. Actions have been initiated on several fronts while a few issues were addressed in favour of the industry.

Several interactive meetings were also held during the course of the year with Dr. Rajan Katoch, Secretary; Shri R. K. Singh, Joint Secretary; Shri K K Tiwari, Industrial Adviser, and other senior officials of DHI in this regard.

Meeting on Hannover Messe Exhibition:

IEEMA officials attended preparatory meeting conducted by the Department of Heavy Industry, Government of India, regarding participation of India in Hannover Messe

2016 Exhibition. A meeting in this regard was held on 22nd March 2016, under the Chairmanship of Shri Vishwajit Sahay, Joint Secretary, Department of Heavy Industry. Shri Sudeep Sarkar and Smt. Reema Srivastava, Deputy Directors, IEEMA, represented IEEMA in this meeting.

CEOs Round Table:

The 2nd CEOs Round Table of IEEMA-BIS-IEC was organised on 8th May 2015 at New Delhi. Shri Junji Nomura, President; Shri Frans Vreeswijk, General Secretary & CEO, International Electro-technical Commission and Shri M J Joseph, the then Director General, Bureau of Indian Standards and Senior BIS Officials were present in the Round Table. Shri Vishnu Agarwal, the then President, Shri Vimal Mahendru, Past President and Shri Sunil Misra, Director General, along with a few senior members of IEEMA, participated in



R to L: Shri Anil Saboo, Executive Council Member and Chairman International Division IEEMA; Shri Vishnu Agarwal, Past President IEEMA, Shri Babu Babel, President IEEMA and Shri Sunil Misra, Director General, IEEMA



the Round Table. The meeting was organised with the objective to discuss matters of mutual interest, implications of the IEC platform for Indian Industry and how the role of Indian Industry in IEC work could be strengthened.

Electro-technical Committee Meeting:

Shri Naveen Upreti, Executive Officer, IEEMA, attended Electro-technical Committee Meeting-06 of Bureau of Indian Standards on 15th May 2015, to deliberate on Indian standards for electrical insulators.

Meetings with Department of Electronics and Information Technology:

On 29th May 2015, Shri Sunil Misra, Director General, Shri Vivek Arora, Executive Officer, and Shri Maneesh Anand, Senior Executive, along with Senior Members of IEEMA had meeting with Dr. Ajay Kumar, Joint Secretary, Department of Electronics & IT, Government of India, regarding extension of Schedule of the Electronics and Information Technology Goods (Requirement for Compulsory registration) Quality Control order 2012. The Department of Electronics & IT later extended the said order by three months.

On 24th August 2015, Shri Vimal Mahendru, Past President, Smt. Anita Gupta, Deputy Director and Shri Vivek Arora, Executive Officer, IEEMA, attended a meeting to examine the desirability of expanding the list of items under Modified Special Incentive Package Scheme of Department of Electronics and IT. The meeting was chaired by Dr. Ajay Kumar, Additional Secretary, Department of Electronics and IT, Government of India. The discussion was mainly to add more products which are not covered earlier under the said scheme.

On 15th September 2015, Shri Vimal Mahendru, Past President, Smt. Anita Gupta, Deputy Director and Shri Vivek Arora, Executive Officer, IEEMA, attended a meeting chaired by Dr. Ajay Kumar, Additional Secretary, Department of Electronics

and IT regarding amendment in M-SIPS guidelines and items eligible under M-SIPS at Department of Electronics and IT, Government of India. The discussion was mainly to finalize the draft guidelines and to finalize the product category under the said scheme.

Meeting on Status of Indian Electrical Equipment Industry:

On 22nd May 2015, Shri Sunil Misra, Director General and Shri Sudeep Sarkar, Deputy Director, IEEMA, had meetings with Dr. Rajan S Katoch, Secretary and Shri R K Singh, Joint Secretary, Department of Heavy Industry, Government of India, regarding status of recommendations of Mission Plan 2012-22 for Indian electrical equipment industry.

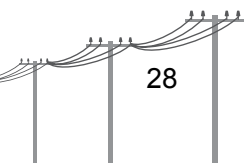
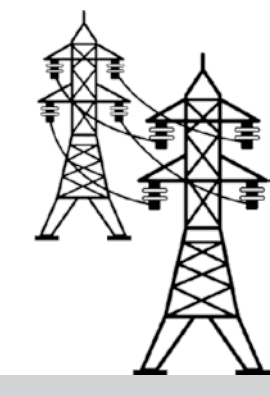
On the same date, Shri Sunil Misra, Director General, IEEMA, called on Shri Vishwajit Sahay, Joint Secretary, Department of Heavy Industry, Government of India, regarding issues faced by Indian electrical equipment industry.

On 8th June 2015, Shri Vishnu Agarwal, the then President and Shri Sunil Misra, Director General, IEEMA, along with other senior members, had an interactive session with Shri Jawaid Akhtar, Managing Director, Karnataka Power Transmission Corporation Ltd. on issues of the industry.

On 12th June 2015, Shri Sunil Misra, Director General, IEEMA, called upon Shri P K Pujari, the newly appointed Secretary, Ministry of Power, Government of India, to brief him about IEEMA and its engagement with Ministry of Power.

On 6th August 2015, Shri Sunil Misra, Director General, IEEMA, called on Shri Atul Chaturvedi, Joint Secretary, Department of Industrial Policy and Promotion, Government of India, to discuss the status of industry and activities of IEEMA.

On 7th August 2015, Shri Raj Eswaran, Past President and Shri Sunil Misra, Director General, IEEMA, called on Shri B N Sharma, the then Joint Secretary, Ministry of Power,





Government of India, to discuss the status of industry and its way forward.

On 2nd September 2015, Shri Sunil Misra, Director General, IEEMA, called on Shri B P Pandey, Additional Secretary, Ministry of Power, Government of India, to congratulate him on assuming office and to brief him about IEEMA activities.

On 14th March 2016, Shri Sunil Misra, Director General, IEEMA, called on Shri Girish Shankar, the newly joined Secretary in the Department of Heavy Industry, Government of India. Shri Misra apprised the Secretary about the state of electrical industry and the associations' current engagements with the Department.

Meetings IEEMA Annual Convention:

On 6th August 2015, Shri Vishnu Agarwal, the then President, and Shri Sunil Misra, Director General, IEEMA, called on Shri Anant Geete, Hon'ble Minister of Heavy Industries and Public Enterprises, Government of India, to formally invite him as Chief Guest of IEEMA

Annual Convention, which was scheduled on 25th September 2015 at Mumbai.

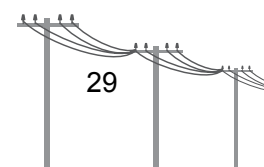
On the same date, Shri Raj Eswaran, Past President and Shri Sunil Misra, Director General, IEEMA, called on Shri P K Pujari, Secretary, Ministry of Power, Government of India, to invite him to IEEMA Annual Convention, scheduled on 25th September 2015 at Mumbai.

On 1st September 2015, Shri Sunil Misra, Director General, IEEMA, called on Shri Mohammad Mustafa, Joint Secretary (Banking, Ministry of Finance), Government of India, to invite him to IEEMA Annual Convention, scheduled on 25th September 2015 at Mumbai.

On 14th September 2015, Shri Sunil Misra, Director General, IEEMA, called on Shri Rohit Nandan, Secretary, Ministry of Skill Development, Government of India, to invite him to the Annual Convention of IEEMA, scheduled on 25th September 2015 at Mumbai.



L to R : Shri Aaditya R Dhoot, Chairman Elecrama 2016, Shri Anant Geete, Hon'ble Minister of Heavy Industries & Public Enterprises; Shri Babu Babel, President IEEMA





On 16th September 2015, Shri Sunil Misra, Director General, IEEMA, called on Smt. Vrinda Swarup, Secretary, Department of Food and Public Distribution, Ministry of Consumer Affairs, Government of India, to invite her to IEEMA Annual Convention, scheduled on 25th September 2015 at Mumbai.

Annual General Meeting of IDEMI:

On 11th September 2015, Shri Vivek Arora, Executive Officer, IEEMA, attended General Committee Meeting and Annual General Meeting of Institute for Design of Electrical Measuring Instruments (IDEMI), under Ministry of Micro, Small and Medium Enterprises, Government of India.

Meeting with Power Finance Corporation:

On 1st April 2016, Shri Sunil Misra, Director General, IEEMA, had a meeting with Smt. Radhika Jha, Executive Director (Integrated Power Development Scheme), Power Finance Corporation Ltd., to discuss issues related to power theft and enhance revenue.

On 19th May 2015, Shri J Pande, Senior Director and Shri Uttam Kumar, Executive Officer, IEEMA, attended a meeting with Power Finance Corporation to explore the possibilities of the near real time condition monitoring of Distribution Transformers through implementation of a pilot project on Distribution Transformers in few states. The meeting was chaired by Shri Avkash Saxena, Executive Director (IPDS), Power Finance Corporation. Representatives of Schneider, Siemens, Navitus Controls and senior PFC officials participated in the discussions.

Meeting with State Energy Secretary:

On 25th and 26th May 2015, Shri Sunil Misra, Director General and Shri Rakesh Ojha, State Representative of Madhya Pradesh for IEEMA, met Shri I C P Keshari, Principal Secretary (Energy), Government of Madhya Pradesh and Shri Sanjay Shukla, Managing Director, MP Power Management Company Ltd., to discuss and finalize 'Empowering Make in India'

programme, scheduled on 22nd June 2015 at Bhopal.

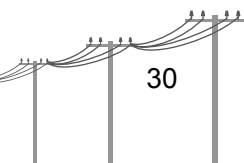
Meetings on formulation of National Capital Goods Policy:

During the making of National Capital Goods Policy, the Department of Heavy Industry, Government of India, had set up three Sub-Groups, namely, Demand Creation; Technology Depth and Trade & Exports. A meeting of the Sub-Group on Trade & Exports was conducted on 3rd July 2015 to deliberate on the Terms of Reference and to further work on the same. Shri Pitamber Shrivani, Executive Council Member and Shri Sudeep Sarkar, Deputy Director, IEEMA, attended the meeting. IEEMA provided inputs to the Sub-Group on inverted duties, non-tariff barriers and difficulties of the electrical industry related to Capital Goods.

On 14th August 2015, Shri Sudeep Sarkar, Deputy Director and Shri Vivek Arora, Executive Officer, IEEMA, attended meeting of Sub-Group on Demand Creation for Capital Goods Industry at the Department of Heavy Industry, Government of India. IEEMA provided inputs to the Sub-Group on 4 point agenda of IEEMA for Make in India. Most of the recommendations made by IEEMA were accepted for inclusion in suggestions for the Capital Goods Policy.

On 17th August 2015, Shri Sudeep Sarkar, Deputy Director, IEEMA, attended another meeting of Sub-Group on Trade & Exports for Capital Goods Industry at the Department of Heavy Industry, Government of India. IEEMA provided inputs to the Sub-Group on removal of inverted duties in the industry by introducing the Custom Credit Scheme.

On 28th August 2015, Shri Sudeep Sarkar, Deputy Director, IEEMA, attend the meeting of 2nd Task Force on Capital Goods, called by the Department of Heavy Industry, Government of India. The meeting was chaired by Dr. Rajan S Katoch, Secretary, in presence of Shri Vishwajit Sahay, Joint Secretary, Department of Heavy Industry.





Convenors of the Sub-Groups on Trade & Exports; Demand Creation and Technology Depth, made their presentations before Dr. Katoch on their recommendations for National Capital Goods Policy.

Meetings on DDUGJY and IPDS:

Ministry of Power had constituted two Committees (A and B) to facilitate and handhold states in mobilizing major equipment /material with standard technical specifications at competitive prices through a transparent bidding process under Deen Dayal Upadhyaya Gram Jyoti Yojana and Integrated Power Development Scheme. Committee A was constituted to list out the major equipment/materials, finalize technical specifications, aggregate quantity requirements of various states etc. while Committee B worked for empanelment of vendors, prepare bidding documents, carry out bid processing under reverse bidding process, evaluate bids and finalize the rate contracts.

On 22nd August 2015, Shri Sunil Misra, Director General, IEEMA, attended the Meeting of Committee A to finalize the technical specifications of high value materials. The meeting was chaired by Shri Major Singh, Chairman, Central Electricity Authority.

On 28th August 2015 another meeting of Committee A was conducted under the Chairmanship of Shri Major Singh, Chairman, Central Electricity Authority to finalize the technical specifications of high value materials. Shri Raj Eswaran, Past President and Smt. Anita Gupta, Deputy Director, IEEMA, attended the same.

On 7th September 2015, Shri Sunil Misra, Director General, Shri J Pande, Senior Director and Smt. Anita Gupta, Deputy Director, IEEMA, attended meeting of Committee A to finalize the technical specifications of high value materials. A draft interim report for submission to Ministry of Power was discussed.

On 18th September 2015, Shri Sunil Misra, Director General, Shri J Pande, Senior

Director and Smt. Anita Gupta, Deputy Director, IEEMA, attended another meeting of Committee A. The Draft interim report to be submitted to Ministry of Power was finalised.

On 29th October 2015, Shri Sunil Misra, Director General, IEEMA, attended the Technical Committee-B Meeting, which was chaired by Shri I S Jha, CMD, Powergrid.

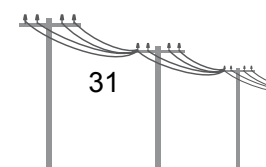
Meeting with Central Electricity Authority:

On 21st September 2015, Shri Manish Agarwal, Chairman, Conductor Division, Shri AS Subramanian, Chairman, MV & HV Switchgear Division, Shri Vikas Khosla, Vice Chairman, Public Policy Cell, along with other senior members of Conductor Division, attended meeting called by Central Electricity Authority on usage of High Performance Conductors in domestic transmission & distribution systems and to discuss about contract conditions for domestically funded projects. The meeting was chaired by Shri S D Dubey, Member (Power Systems), Central Electricity Authority.

Meetings on Branding of Indian Engineering:

“Indian Engineering” was planned as a brand exercise by the Government of India to improve the overall perception of Indian engineering products globally. Shri Ravi Capoor, Joint Secretary, Department of Commerce, Government of India, had called several meetings in this regard to finalise the products and countries for promotion of electrical equipment.

On 27th April 2015, Shri Sunil Misra, Director General, and Shri Nishchal Churamani, Head Corporate Communications, IEEMA, had a meeting with Shri Rajeev Kher, Secretary and Shri Ravi Capoor, Joint Secretary, Department of Commerce, Government of India, on branding of Indian Engineering by the Government of India. A presentation was made by Deloitte on promotional brochure for electrical equipment.





On 4th August 2015, Shri Sunil Misra, Director General; Smt. Rachna Pawa, Head Corporate Communication and Shri Sudeep Sarkar, Deputy Director, IEEMA, attended a meeting, called by Shri Ravi Capoor, Joint Secretary, Department of Commerce, Government of India, on branding of Indian engineering by the Government of India in countries abroad. Government decided to promote Power Transformers and Conductors in Nigeria, Kenya, Zambia and Malaysia through India Brand Equity Foundation.

On 5th August 2015, Smt. Rachna Pawa, Head Corporate Communication and Shri Sudeep Sarkar, Deputy Director, IEEMA, attended another meeting on branding of Indian Engineering, which was chaired by Shri Ravi Capoor, Joint Secretary, Department of Commerce, Government of India, to deliberate on ways and means to promote Indian Engineering in foreign markets.

IEEMA conducted a meeting on Brand India Engineering on 19th August 2015, which was chaired by Shri Ravi Capoor, Joint Secretary, Department of Commerce, Government of India. The ways and means to promote Indian Engineering in foreign markets were discussed with manufacturer exporters of these products.

On 19th November 2015, a delegation of Senior Members along with Shri Sunil Misra, Director General, Smt. Rachna Pawa, Head Corporate Communications and Smt. Reema Shrivastava, Deputy Director, IEEMA, attended a meeting chaired by Shri Ravi Capoor Joint Secretary, Department of Commerce, Government of India, to discuss progress of Brand India Engineering.

On 9th March 2016, Smt. Rachna Pawa, Head Corporate Communications, Shri Sudeep Sarkar, Deputy Director and Smt. Reema Shrivastava, Deputy Director, IEEMA, attended a meeting to finalise the event calendar for sectorial campaign of India Brand Equity Foundation. The meeting was chaired by Shri Ravi Capoor, CEO, India Brand Equity Foundation, who also is a Joint Secretary in

Department of Commerce, Government of India.

Meetings with Ministry of Finance:

On 11th March 2016, Shri Mukul Khanna, Vice President, Special Cables Pvt. Limited; Shri Ashok Sahijwani, Member, IEEMA Economic & Taxation Committee and Shri Sudeep Sarkar, Deputy Director, IEEMA, attended a meeting on 'Ease of Doing Business' at Ministry of Finance, Government of India. The meeting was conducted to brief the industries on the initiatives taken by Central Board of Excise & Customs towards this objective of the Government of India and seek comments from the industry on the same. The meeting was chaired by Shri Najib Shah, Chairman, CBEC, in presence of other CBEC officials.

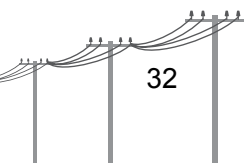
On 17th March 2016, Shri Adarsh Jain and Shri Anand Thakur, Economic & Taxation Committee Members, along with Shri Sudeep Sarkar, Deputy Director, IEEMA, attended a meeting on tax incidence on various industries. The meeting was chaired by Shri B N Sharma, Additional Secretary (Revenue), Ministry of Finance, Government of India. The Ministry of Finance was having a study on the likely impact of Goods & Services Tax on various industry sectors, in comparison to the present tax system. The Ministry sought inputs from the industry sectors on their tax incidences during FY 2014-15.

Meeting on Phased Manufacturing Programme:

On 14th March 2016, a delegation of IEEMA Power Generation Systems Division called on Shri Aniruddh Kumar, Joint Secretary, Ministry of Power, Government of India, regarding extension of advisory on Phased Manufacturing Program and to discuss issues related to Conventional Generation industry.

Meetings on increase of Customs Duty on Primary Aluminium:

A delegation of senior members and Shri Sunil Misra, Director General, IEEMA, called





on Smt. Nirmala Seetharaman, Hon'ble Minister of State for Commerce & Industry, on 19th August 2015. The major topics for discussions were difficulties of Conductors, Cables, Capacitors manufacturing industry in view of proposed increase of customs duty on aluminium.

On 9th December 2015, a delegation of IEEMA Conductor Division and Secretariat Officials, led by Shri Chaitanya Desai, Former Chairman, Conductor Division, called on Shri Balvender Kumar, Secretary, Ministry of Mines, Government of India, regarding petition by Indian aluminium manufacturers to increase the customs duty on primary aluminium.

Meetings on Regional Comprehensive Economic Partnership:

A comprehensive free trade agreement, namely, the Regional Comprehensive Economic Partnership (RCEP) was under negotiation between 10 member nations of ASEAN (viz. Brunei, Cambodia, Indonesia, Laos, Malaysia, Myanmar, Philippines, Singapore, Thailand and Vietnam) and their 6 FTA partner countries (viz. Australia, China, India, Japan, Korea and New Zealand). The department of Commerce had been consulting IEEMA and other industry stakeholders in this regard.

On 10th April 2015, Shri Vikas Khosla, Vice Chairman, IEEMA Public Policy Cell and Shri Sudeep Sarkar, Deputy Director, IEEMA, attended a meeting, chaired by Shri Sudhanshu Pandey, Joint Secretary, Department of Commerce, Government of India, regarding second round of consultations on Negotiations for Regional Comprehensive Economic Partnership. The Rules of Origin and Cumulative Value Addition for Chapter 85 and 90 were discussed in the meeting. IEEMA submitted a representation to the Joint Secretary in this regard.

On 15th July 2015, Shri Sudeep Sarkar, Deputy Director, IEEMA attended a meeting, chaired by Shri Dammu Ravi, Joint Secretary, Department of Commerce, Government of

India, on third round of consultations on Negotiations for Regional Comprehensive Economic Partnership. The method of calculation for regional value content and certificate of origin for Chapter 84, 85 and 90 were discussed. IEEMA submitted a representation to the Government in this regard.

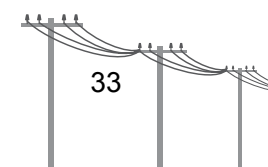
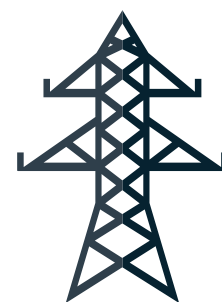
On 29th September 2015, Shri Sudeep Sarkar, Deputy Director, IEEMA, attended a meeting chaired by Shri Vishwajit Sahay, Joint Secretary, Department of Heavy Industry, Government of India, on India's negative list and rules of origin under Regional Comprehensive Economic Partnership.

Meetings on India-UAE Business Council and other Free Trade Agreements:

On 30th March 2016, Shri Ravi Capoor, Joint Secretary, Department of Commerce, Government of India; along with Shri Sunil Misra, Director General and Smt. Reema Shrivastava, Deputy Director, IEEMA, called on Shri Mahesh Sachdeva, President of India-UAE Business Council, to discuss issues related to promotion of products for energy sector. Shri Capoor also discussed IEEMA's engagement with Ministry of New & Renewable Energy to help solar and other renewable equipment manufacturers in enhancing efficiency and revenue for the sector.

On 2nd June 2015, Shri Sudeep Sarkar, Deputy Director, attended a meeting under the Chairmanship of Dr. Nagesh Singh, Economic Advisor, Department of Industrial Policy & Promotion, Government of India, to discuss issues and concerns with India-ASEAN Trade in Goods Agreement.

On 16th October 2015, Shri Sudeep Sarkar, Deputy Director, IEEMA, attended a review meeting on India-Japan CEPA Agreement. The meeting was chaired by Dr. V. S Seshadri, Vice-Chairman, Research and Information System for Developing Countries. IEEMA representative provided inputs to Dr. Seshadri on the impact of the said agreement on the





Indian electrical equipment manufacturing industry.

Meetings on Union Budget 2016-17:

On 17th November 2015, Shri Ashok Sahijwani, Member, Economic and Taxation Committee and Shri Sudeep Sarkar, Deputy Director, IEEMA, attended a Pre-Budget Meeting with Department of Heavy Industry, Government of India. The meeting was chaired by Dr. Rajan Katoch, Secretary, in presence of Shri Vishwajit Sahay, Joint Secretary, and Shri R K Singh, Joint Secretary, DHI. IEEMA made a brief presentation on its key recommendations for Union Budget 2016-17.

On 18th November 2015, a delegation of Economic and Taxation Committee members, led by its Chairman, Shri P Ramakrishnan, had a Pre-Budget Meeting with Ministry of Finance, Government of India, regarding Union Budget 2016-17. The meeting was chaired by Shri Najib Shah, Chairman, Central Board of Excise and Customs, in presence of other senior members of Central Board of Excise and Customs, Tax Research Unit and Central Board of Direct Taxes. While IEEMA had submitted the entire Pre-Budget Memorandum to Ministry of Finance earlier; a presentation on the core issues of the memorandum was made by the Committee in the meeting.

On 2nd March 2016, Shri Babu Babel, President; Shri G S Sharma, Former Chairman, Economic & Taxation Committee and Shri Sudeep Sarkar, Deputy Director, IEEMA, attended an interactive session on Union Budget 2016-17 with Shri Arun Jaitley, Hon'ble Finance Minister, Government of India. Shri Jayant Sinha, Hon'ble Minister of State for Finance and Shri Hasmukh Adhia, Revenue Secretary, were also present during the session.

On 5th March 2016, Smt. Niharika Jaiswal, Head Accounts and Shri Sudeep Sarkar, Deputy Director, IEEMA, attended an interactive session on Union Budget 2016-

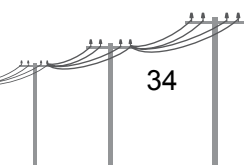
17 with senior officials of Direct and Indirect Taxes in Ministry of Finance, Government of India.

Meetings on Standardization of Distribution Transformers:

On 27th April 2015, Shri J Pande, Senior Director and Shri Uttam Kumar, Executive Officer, IEEMA, attended a meeting on Standardization of Distribution Transformers as per IS 1180 (Part-1): 2014, in line with the Electrical Transformer Quality Control Order 2014 at Ministry of Power, Government of India. The meeting was chaired by Shri Devendra Chaudhry, Special Secretary, Ministry of Power. Representatives from Central Electricity Authority and Powergrid were also present during the meeting. On 1st May' 2015, another meeting on the same subject was called by Shri Devendra Chaudhry, Special Secretary, Ministry of Power. Shri J. Pande, Senior Director and Shri Uttam Kumar, Executive officer, IEEMA, attended the same.

On 1st April, 2016, Shri Sunil Misra, Director General, IEEMA, called on Shri R K Singh, Joint Secretary, Department of Heavy Industry, Government of India, to discuss Electrical Transformer Quality Control Order.

On 17th July 2015, Shri J Pande, Senior Director and Shri Uttam Kumar, Executive Officer, IEEMA, attended a meeting at Bureau of Indian Standards on the issues relating to Certification of Distribution Transformers by Bureau of Energy Efficiency and Bureau of Indian Standards. The meeting was chaired by Shri A K Sharma, Sc. F & Head, CMD-1, BIS. IEEMA and ITMA were of the view that testing of each model for BEE star labeling would not only put the manufacturers to financial burden, but also involve additional cost towards transportation of such large number of samples to the laboratory. It was requested that since IS 1180 (Part 1):2014 specifies the total loss requirements for compliance to Energy Efficiency Level-I, II & III, BIS certification of the Distribution Transformers to these requirements may be accepted by BEE.



Meeting on Remote Monitoring Features of Distribution Transformers:

On 10th April 2015, IEEMA Distribution Transformer manufacturing members and Shri Uttam Kumar, Executive Officer, IEEMA, attended a meeting with Tata Power Delhi Distribution Ltd., for discussing the remote monitoring features of the Distribution Transformers. A site visit was also organised to see the pilot project developed by Tata Power jointly with Sharika Enterprises to understand the operationalization of the system. Representatives from REC, TPDDL, PGCIL, Sharika Enterprises also participated in the meeting.

Meeting on Inverted Duty Structure:

Tariff Commission, Ministry of Commerce & Industry, had been entrusted by the National Manufacturing Competitiveness Council to study the inverted duty structure of various products impacting the manufacturing sector.

Shri Uttam Kumar, Executive Officer, IEEMA, attended a meeting convened by the Tariff Commission on this subject on 23rd June 2015, which was chaired by Smt. Smita Chugh, Member Secretary, Tariff Commission. IEEMA highlighted the instances of inverted duty structure faced by the domestic electrical equipment industry and also submitted a detailed note on inverted duties and anomalies faced by domestic electrical equipment manufacturing sector.

Meetings of Equipment Testing Facilities:

On 8th September 2015, Shri J Pande, Senior Director and Shri Sudeep Sarkar, Deputy Director, IEEMA, along with senior officials of Electrical Research and Development Association, had meeting with Shri K K Tiwari, Industrial Adviser, Department of Heavy Industry, Government of India, regarding setting up of a test lab in western region. ERDA submitted a proposal to the Department of Heavy Industry in this regard.



R to L: Shri M. K. Goel, CMD PFC, Shri B. N. Sharma, Addl. Secretary, MOP, Shri Rajeev Sharma CMD REC, Shri Anil Kumar, MP



On 5th October 2015, a few senior members of IEEMA, led by Shri Sanjeev Sardana, Vice President, along with Shri J Pande, Senior Director and Shri Sudeep Sarkar, Deputy Director, attended a meeting chaired by Shri Ravi Capoor, Joint Secretary, Department of Commerce, Government of India, on Non-recognition of test certificates of Central Power Research Institute in some foreign countries. The Department of Commerce decided to organise a joint meeting with the Ministry of Power also inviting CPRI and IEEMA for rectification of this difficulty of the industry.

On 26th November 2015, Smt. Indra P Menon, Vice President and Shri Sudeep Sarkar, Deputy Director, IEEMA, attended a meeting of Governing Council of Central Power Research Institute. The meeting was chaired by Shri P K Pujari, Secretary, Ministry of Power, Government of India.

On 3rd December 2015, Shri Sanjeev Sardana, Vice President, led a delegation of Senior Industry Members and IEEMA Secretariat Officials, in a meeting called by Shri B P Pandey, Additional Secretary, Ministry of Power, Government of India, regarding non-acceptance of test certificates of Central Power Research Institute in some of the countries abroad. Shri Ravi Capoor, Joint Secretary, Shri R Ramakrishnan, Deputy Secretary, Department of Commerce; and other senior officials from Engineering Exports Promotion Council and CPRI were present in the meeting. Some action points were identified in the meeting for getting larger acceptance of CPRI abroad.

Meetings on ELECRAMA-2016:

On 18th May 2015, Shri Sunil Misra, Director General, Shri Nishchal Churamani, Head-Corporate Communications and Shri Sudeep Sarkar, Deputy Director, IEEMA, called on Shri Shailendra Singh, Joint Secretary, Department of Industrial Policy & Promotion, Government of India, regarding permission to use Make-in-India Logo in ELECRAMA-2016 collaterals. DIPP later permitted IEEMA to use this logo in

ELECRAMA-2016 collaterals.

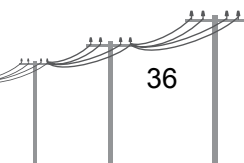
On 9th September 2015, Shri Babu Babel, President; Smt. Indra Menon, Vice President; Shri Aaditya R Dhoot, Chairman, ELECRAMA-2016 and Shri Saif Qureshi, Chairman, Lamination Division, IEEMA; met Shri Piyush Goyal, Hon'ble Union Minister of State (IC) for Power, Coal & New and Renewable Energy, Government of India, to invite him as Chief Guest for ELECRAMA 2016. The Hon'ble Minister kindly consented for the same and graced the occasion by inaugurating ELECRAMA-2016 on 13th February 2016 at Bangalore.

On 11th September 2015, Shri Sunil Misra, Director General and Shri Ajay Mahajan, Head Trade Fairs, IEEMA, called on Shri Naveen Tandon, Member (Electrical), Ministry of Railways, Government of India, to discuss about Ministry's support and participation in ELECRAMA-2016.

On 30th October 2015, Shri Sunil Misra, Director General, and Shri Ajay Mahajan Head, Trade Fairs, IEEMA, called on Shri B N Sharma, Additional Secretary, Ministry of Power, Government of India, to discuss participation of PSUs under Ministry of Power in ELECRAMA-2016. Again on 4th November 2015, Shri Babu Babel, President, along with Shri Sunil Misra, Director General, IEEMA, called on Shri Sharma to formally invite him to ELECRAMA-2016.

On 5th November 2015, Shri Babu Babel, President and Shri Sunil Misra, Director General, IEEMA, met Shri Anil Swarup, Secretary, Ministry of Coal, to formally invite him to ELECRAMA-2016.

On 2nd December 2015, Shri Sudeep Sarkar, Deputy Director, IEEMA, had a meeting with Shri Bui Trung Thuong, Head, Trade Affairs, Embassy of Vietnam in India; regarding participation of Government Officials from Vietnam in 3rd Reverse Buyer-Seller Meeting, which was organised along with ELECRAMA-2016.





Review, Planning and Monitoring (RPM) Meeting (12th) with States and State Power Utilities

Review, Planning and Monitoring (RPM) Meeting

IEEMA was invited by the Ministry of Power, to make a presentation during 11th and 12th RPM Meeting of the Ministry. On 11th December, Shri Babu Babel, President, IEEMA made a presentation on providing technological solutions to mitigate losses and enhance revenue of the state discoms. IEEMA will continue to provide inputs on various technological interventions product wise. During 12th RPM Meeting on 11th January 2016, ELECRAMA 2016, Organising Committee Chairman, Shri Aaditya R Dhoot made a presentation on ELECRAMA. The meeting was chaired by Hon'ble Minister of State with (I/C) for Power, Coal, New and Renewable Energy, Shri Piyush Goyal, at the SCOPE Complex New Delhi.

The audience comprised of all senior officials of Ministry of Power, Principal Secretaries for Energy of State Governments and CMD/ MDs of State & Central PSUs.

Meeting on WIN India Show:

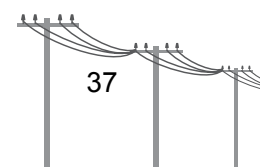
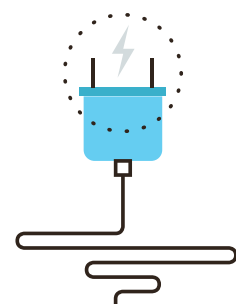
Shri Sudeep Sarkar, Deputy Director, IEEMA, attended a meeting called by Department of Heavy Industry, Government of India, on 17th November 2015, regarding World of

Industry (WIN) INDIA Show, which was held at New Delhi from 9-11 December 2015. The meeting was chaired by Dr. Rajan Katoch, Secretary, in presence of Shri Vishwajit Sahay, Joint Secretary, Department of Heavy Industry. The show was a joint venture of Deutsche Messe and Fiera Milano, where the Department of Heavy Industry was the co-host and FICCI was the Industry Patron from India. DHI hired 180 square meters of space as central theme pavilion to show-case Make-in-India Theme. PSUs under DHI, viz. BHEL and HMT and the State Governments were requested to confirm their participation.

Another meeting of WIN India Show was held on 23rd November 2015, under the Chairmanship of Shri Vishwajit Sahay, Joint Secretary, Department of Heavy Industry regarding preparations for participation in the Show. Shri Sudeep Sarkar, Deputy Director, IEEMA, attended the meeting.

Meetings of Sector Skill Councils:

On 15th October 2015, Shri Binod Behari, CEO, Power Sector Skill Council, Shri Sunil Misra, Director General and Shri Sudeep Sarkar, Deputy Director, IEEMA, participated in a delegation of Power Sector Skill Council in an interactive meeting with all sector skill councils and their associations,





which was called by Shri Rohit Nandan, Secretary, Ministry of Skill Development and Entrepreneurship, Government of India. The Joint Secretaries of the said Ministry also participated in the meeting.

Meeting on GIS Sub-station:

A delegation of IEEMA MV & HV Switchgear Division, led by its Chairman, Shri A S Subramanian, attended a meeting chaired by Shri Rajesh Kumar Singh, Joint Secretary, Department of Heavy Industry, Government of India, on 15th October 2015. The issue of surge in imports of GIS Sub-station from China and Korea was deliberated in the meeting.

R&D Committee Meeting of DHI:

On 16th October 2015, Shri Babu Babel, President and Shri Sunil Misra, Director General, IEEMA, attended the first meeting of R&D Committee constituted by Department of Heavy Industry, Government of India. The meeting was chaired by Shri Rajesh Kumar Singh, Joint Secretary, Department of Heavy Industry.

/Meeting on Mandatory BIS Certification:

Shri Sudeep Sarkar, Deputy Director, IEEMA, met Shri Zakharia Khan, Senior Development Officer, Department of Industrial Policy and Promotion, Government of India, on 18th June 2015, to discuss the status of mandatory BIS Certification of 15 products comprising of Cables and Capacitors, which were recommended by IEEMA earlier.

Interactive session between IEEMA and South African delegation

A South African delegation comprising of electrical and infrastructure development companies met a few IEEMA members on 26th February, 2016 at IEEMA New Delhi office. The delegation included Shri Daniel Magagula, JK Consulting Engineering, Shri Nhlanhla Maphalala, Isivuvu Technical

Solutions, Shri Benson Tshepo Mashabane, Rafiya Development, Shri Mmatau Caroline Maluleke, Mmathe Trading Enterprise, Shri Sanjeev Ranchod, Business advisors and consultants and Shri Sunil Deenanath, Baymont Field Services (Pty) Ltd.

The interactive session was chaired and led by Shri Sunil Misra, Director General IEEMA. The discussions revolved around measures to ensure bilateral trade relations strengthened between the two countries.

IEEMA Delegation visits Middle East Electricity Exhibition

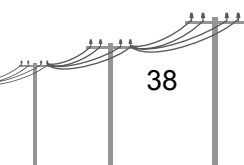
IEEMA Vice President, Shri Sanjeev Sardana alongwith Director General Shri Sunil Misra visited Middle East Electricity a three day event which was held from 1st March to the 3rd March 2016 at the Dubai World Trade Centre in Dubai, United Arab Emirates. They also met DEWA officials and discussed on issues concerning to the power sector of both the countries.

Meeting with Shri Aniruddha Kumar, Joint Secretary, Ministry of Power

On 14th March 2016, a delegation of IEEMA Power Generation System Division and Secretariat Officials called on Shri Anirudh Kumar, Joint Secretary, Ministry of Power, Government of India, regarding extension of Phased Manufacturing Program advisory and to discuss issue related to Convention Generation industry.

Meeting with Shri Girish Shankar, Secretary, DHI

IEEMA Director General, Shri Sunil Misra, called on Shri Girish Shankar, the new secretary Department of Heavy Industries on 14th March 2016. This was an Introductory meeting for the purpose of introducing and appraising him about the existing engagement of IEEMA with DHI, Ministry of Heavy Industries and Public Enterprises.





REGIONAL ACITIVITES



MUMBAI

Meeting with Shri O. P. Gupta, MD, MSEDCL

IEEMA Officials met Shri O.P. Gupta, MD, MSEDCL on 13th April 2015 to invite him for the Empowering Make in India programme and to request him for nominating some of his officials for the Metering India conference. Also a copy of 4 point agenda for empowering make in India presented to Shri. O. P. Gupta.

Interactive Meeting with Dr. Madhuri V. Kokane, Jt. Secretary, Energy, New and Renewable Energy, Govt. of Maharashtra

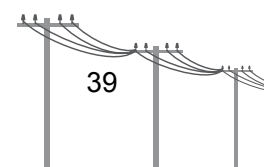
The purpose meeting held down 15th April 2015 was to introduce IEEMA and its activities to Dr. Kokane. Cdr. Sinha informed Dr. Kokane about various new initiatives of IEEMA and how the associations is working closely with the Govt. and Private utilities. He also informed Dr. Kokane about IEEMA's Empowering Make in India programme and requested her presence at the programme which was tentatively scheduled for May/June. Also a copy of 4 point agenda for Empowering Make in India was presented to her.

Interactive Meeting with Shri C. M. Inamdar, Jt. Secretary, Energy, Govt. of Maharashtra & Shri. A. Y. Deshpande, O.S.D, Transmission – Energy Dept, Govt. of Maharashtra

On 15th April 2015, Cdr. Sinha met Shri Inamdar and Shri Deshpande to appraiz them about IEEMA's various new initiatives and how IEEMA is working closely with the Govt. and Private utilities. He also informed them about IEEMA's Empowering Make in India programme and requested their presence at the programme which was tentatively scheduled for May/June. Also a copy of 4 point agenda for empowering make in India presented to them. Shri Deshpande informed Cdr. Sinha about suggesting a organisation / Agency for vendor validation for their tenders.

Meeting with Shri Mukesh Khullar, Principal Secretary - Energy - Government of Maharashtra on 15th April, 2015

The meeting was to inform Shri Khullar about the tentative dates for the Empowering Make in India programme. Cdr. Sinha also informed





him about the Empowering Make in India programme which was held at Chandigarh and how it was successful with the presence of the state government officials.

The Interactive meeting with Dr. Kshatrapati Shivaji, Chairman and Managing Director, Small Industries Development Bank of India(SIDBI).

On 7th May 2015 an interactive meeting with Mumbai-based Industry Associations was held at SIDBI, MSME Development Centre. Dr. Kshatrapati Shivaji, CMD, SIDBI had invited representatives of Mumbai-based various MSME Industries Associations for interactions with a view to understanding the issues and challenges faced by MSMEs and how SIDBI can best help the MSMEs to overcome them. Representatives of different Industries Associations viz. IEEMA, APEC, The Clothing Manufacturer Association, CAPEXIL, Thane Small Scale Industries Association, COSIA, Golden Maharashtra Development Council, SME Chamber of India and All India Rubber Industries Association attended the meeting.

The Industries Associations listed out various constraints faced by MSMEs in general like need to make credit available at lower interest rates, faster processing of loan applications, present MSME eligibility ceilings being low, need for timely restructuring of stressed accounts, increasing scope of collateral free loans, exploring options to extend Refinance to Scheduled Urban Cooperative Banks for their MSME lending to encourage flow of assistance to MSMEs in urban areas, etc.

Interaction with Dr. Kavita Gupta, Additional Director General of Foreign Trade, DGFT

On 1st June 2015, Cdr. Sinha met Dr. Kavita Gupta, to invite her for the Foreign Trade Policy (FTP) 2015-20 workshop on 5th June 2015 at the IEEMA Conference Room. Dr.

Gupta was kind enough and confirmed her participation. Cdr. Sinha introduced IEEMA and its activities to Dr. Gupta and how IEEMA is working closely with the Government through various divisions. The meeting was mainly to discuss the electrical equipment industry Exports and Imports segments and how IEEMA is helping the Industry to go global. The talk was rallied upon the research part of electrical industry and the electrical sector exports on low side and what are the areas of improvement to improve the exports.

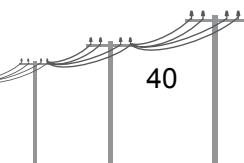
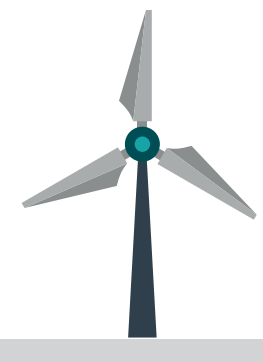
Round Table on “India Market demand for Renewable Energy and Environment Protection”

Round Table on “Indian market demand for Renewable Energy & Environment protection” was organized on 3rd June 2015 by the The Italian Consulate General in association with The Indo Italian Chamber at Kanjajunga Building, Pedder Road, Mumbai. Cdr. Parijat Sinha attended this round table.

Meeting with Dr. Kshatrapati Shivaji, Chairman and Managing Director, Small Industries Development Bank of India (SIDBI) on 8th July 2015

The meeting was held to discuss issues related to Credit availability for industries in the Power Sector. Most banks have graded power equipment manufacturers at a ‘lower interest’ category due to poor financial state of customers. Chairman SIDBI was very happy with IEEMA efforts of taking such issues and attempt to finding appropriate solutions to help its members. Discussions were also held regarding special schemes for joint ventures, cluster and vendor development activities and how SIDBI would help various manufacturers to form such clusters through their various promotional schemes.

An invitation for the annual convention was also made.





Meeting with Smt. Arundhti Bhattacharya, Chairman, State Bank of India on 9th July, 2015

The meeting was held to discuss issues related to Credit availability for industries in the Power Sector. Most banks have graded power equipment manufacturers at a 'lower interest' category due to poor financial state of customers. Chairman SBI was very happy with IEEMA efforts of taking such issues and attempt to finding appropriate solutions to help its members. Discussions were also held regarding special schemes for joint ventures, cluster and vendor development activities and how SIDBI would help various manufacturers to form such clusters through their various promotional schemes.

An invitation for the annual convention was also made.

Interaction with Shri Sudhir Shrivastava, Additional Chief Secretary Finance Department, Govt. of Maharashtra on 15th July, 2015

The meeting was held to discuss various taxation policies of the Government and also preliminary discussion on proposed Goods & Services Tax (GST).

Meeting with Shri Rajiv Jalota, IAS, Commissioner of Sales Tax on 16th July, 2015

The meeting was held to discuss possible long term engagement with the associations. He was very keen to address any issues related to sales tax pertaining to IEEMA members whenever arises. During the meeting issues pertaining to various taxation policies of the Government and also preliminary discussion on proposed Goods & Services Tax (GST).

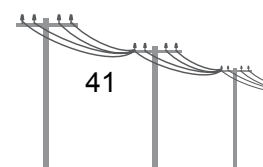
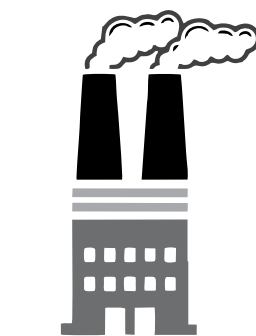
Meeting with Shri Apurva Chandra, Principal Secretary (Industries), Govt. of Maharashtra on 12th August, 2015

The Government of Maharashtra has embarked upon the Make in Maharashtra initiatives. The meeting was principally to discuss areas of mutual interest. The Principal Secretary (Industries) was keen to engage IEEMA in a long term perspective.

REPORT ON ROAD SHOW FOR DOMESTIC VISITOR ACQUISITION FOR ELECRAMA

A road show for domestic visitor acquisition for ELECRAMA 2016 held at Nashik Engineering Cluster, Nashik on 11th January, 2016. The following speakers were present: Shri J. G. Kulkarni, Past President – IEEMA and Chairman IEEMA SME Division, Shri Narendra Goliya, Chairman, Nashik Engineering Cluster and Shri C. P. Vyas, Sr. Vice President, ABB – Medium Voltage Products

Members and other counterpart association such as Nashik Industries Manufacturers Association (NIMA), Ambad Industries & Manufacturers Association, Electrical Contractors Association, Nashik Engineering Cluster, Confederation of Real Estate Developers Association of India (CREDAI), Laghu Udyog Bharti, Architects and Engineers Association Nashik, Sinner Industry Association, Maharashtra Chamber of Commerce, Industry & Agriculture office bearers and members, EPC Contractors, Exhibitors, Exhibitor's Suppliers and customers; IEEMA Members, Renewable Energy Players were the key attendees at the Nashik Road show.





Participants were happy that IEEMA reached out to Nashik Industries Members. Since Nashik is the Electrical hub and it will create a more prominence on the development of CPRI lab.

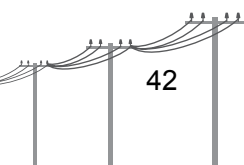
A road show for domestic visitor acquisition for ELECRAMA 2016 held at Hotel Ambassador Ajanta, Aurangabad on 27th January, 2016. The following speakers were present Shri J. G. Kulkarni, Past President – IEEMA, Shri Avik Roy, Sr. Vice President – High Voltage Products, Siemens Ltd, Aurangabad, Shri Satish Gupte, Member Managing Committee – ERDA and Sr. Vice President (Rtd.) Siemens Ltd., Shri Anil Nagrani, Organising Secretary – ELECRAMA 2016 and Dy. Director General – IEEMA

Members and other counterpart association based in Aurangabad was happy to see IEEMA reached out to Aurangabad Industry and give them a glimpse of various concurrent events at the ELECRAMA 2016.

In his welcome address Shri Avik Roy emphasis on the ELECRAMA theme The World Electricity Forum. He retreated to the audience that the exhibition is growing in stature every year and as per the theme it's a really a World Electricity Forum he compared ELECRAMA with Hannover Exhibition and said ELECRAMA is far the big and best exhibitions in electrical sector. He appealed all the audience to visit at Bangalore and take the opportunity to meet the leaders of the world experience the latest technology in electrical sector.



Shri Babu Babel, President, IEEMA, Shri Sanjeev Kumar, IAS, CMD, MSEDCL and Shri Aaditya R Dhoot, Chairman ELECRAMA-2016





KOLKATA



Meetings of Eastern Region Committee

Vice Chairman ERC, Shri R. K. Shah welcomed the members to the 1st ERC Meeting of 2015-16. The meeting took place in Kolkata on 23rd May, 2015, at Tata Steel Room, The Bengal Chamber of Commerce and Industry. The meeting was also graced by Shri Sunil Misra - DG, IEEMA & Shri Ranjan Dasgupta - Past President IEEMA. Shri Banerjee, from IEEMA Kolkata Secretariat gave a presentation on "Konnect N-E & Beyond", the eastern region summit which was recently held at Guwahati on 23rd & 24th April. The Chief Convener Shri Harish Agarwal on behalf of core committee thanked everybody in making the event a grand success.

Shri Ranjan Dasgupta - Past President IEEMA, presented a case study on "Building Exports". In continuation with "Konnect North-East and Beyond" Summit, a discussion was held in regards to the mission NER as advised by Shri Devendra Chaudhry, Special Secretary, Power.

Secretariat also informed that Shri Bhaskar Sen, Chairman ERC has completed more than two years in this position. As per IEEMA

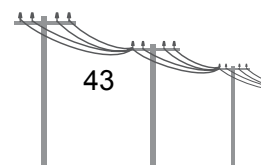
norms the immediate Vice-Chairman should take the charge of Chairman with immediate effect. Shri R. K. Shah agreed to take the charge. Shri Harish Agarwal, one of the EC members, in consultation with DG & Shri R. K. Shah, proposed the name of Shri Sharan Bansal, Director- Skipper Ltd, as Vice-Chairman of Eastern Region Committee, the members accepted the proposal wholeheartedly.

The 2nd ERC meeting of 15-16 took place in Kolkata on 24th July'15 at Palladian Lounge. The meeting was well attended by 37 members and was also attended by some external agencies like Eastern Railways, DVC and Jindal Power & Steel. The meeting was chaired by Shri R K Shah from EMC Ltd. This was the first meeting of the newly nominated vice chairman, Shri Sharan Bansal, Director – Skipper Ltd.

The meeting started with an introductory presentation about IEEMA by Shri Subhajit Dasgupta – IEEMA Sec, which was followed by presentation on State of Industry. Shri Subimal Sarmah from JSPL gave a very interactive presentation from "Product Line Offering from JSPL in Transmission Line Sector".

The issues which were broadly discussed are as follows:

- The drive for membership
- Membership outstanding of FY 13-14 & 14-15
- Initiate new training programmes / workshop in the eastern region for the benefit of IEEMA members.
- An open forum also took place between





the utilities and the members present.

- Members highly appreciated the presence of the utility members and their valuable inputs in this platform.

The 3rd ERC meeting of 15-16 took place in Kolkata on 23rd Sep'15 at Calcutta Swimming Club. The meeting was well attended by 31 members and was also attended by some external agency like Exim Bank. The meeting was chaired by Shri R K Shah from EMC Ltd.

The meeting started with confirmation of the minutes of the last meeting, which was followed by presentation on State of Industry from Kolkata Secretariat. Shri S S Saswat from Exim Bank gave a very interesting presentation on line of credit and various other schemes pertaining to export promotion and credit.

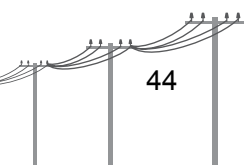
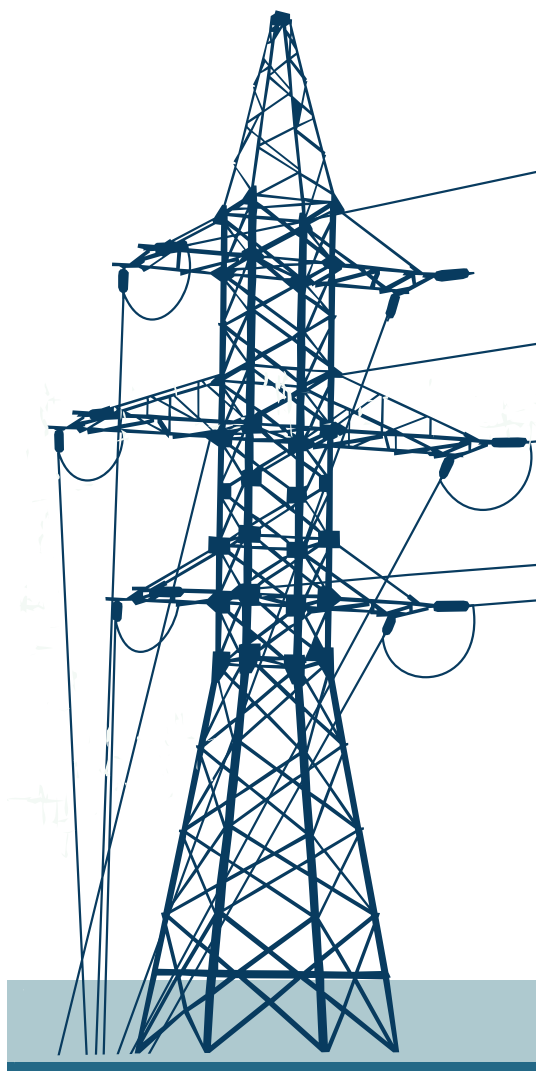
Smt. Rupanjana Dey, our faculty on "Foreign Trade Policy" gave a short presentation on newly introduced "Foreign Trade Policy" to the present members and members shown interest to be part of the training programme on 9th Oct'15.

The issues which were broadly discussed are as follows:

- The drive for new membership
- The training programme proposed to take place on 9th Oct'15 on "Foreign Trade Policy"
- A mega exhibition cum conference has been planned in 2016

The 4th ERC meeting took place in Kolkata on 18th December 2015 at Kolkata. The meeting was chaired by Shri R K Shah, Chairman – ER, IEEMA. The meeting was started off with his opening remarks and then it followed by the State of Industry presentation from IEEMA. The special invitee for this meeting was Shri Ashoke Chakraborty, Manager – Generation (New Initiative) from CESC Ltd. His

presentation was on the disaster management system which is adopted by CESC Ltd to counter emergency situation. The presentation was quite interactive and all participants had engaged themselves into a meaningful discussion and also provided Shri Chakraborty with useful suggestions. Then the chairman also thanked Shri Pintu Chatterjee from CGL for hosting this meeting and formally closed the meeting and requested the participants to proceed for the cocktail and dinner and for informal networking.





BENGALURU



An interactive session for IEEMA members with Shri. Jawaid Akhtar, MD KPTCL on June 8, 2015.

Workshop in association with Power Sector Skill Council & EY on "Skill Development Initiatives in Power Sector" at Bangalore on 11th December 2015.

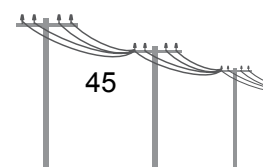
An interactive discussion as part of the Domestic Visitor Promotional Activity for ELECRAMA-2016 at Belgaum Chamber of Commerce & Industries on 14th January 2016.

ELECRAMA-2016 preview was organized by Indian Electrical & Electronics Manufacturers Association (IEEMA) on January 8, at Hotel Crowne Plaza, Gurgaon. Shri Babu Babel, President, IEEMA, Shri Sunil Misra, Director General, IEEMA, Shri Vikram Gandotra and Shri R.K. Chugh, Executive Council Member represented IEEMA during the preview. The roadshow witnessed the presence of, industry members, non-members, utility heads and media officials.

ELECRAMA 2016 Curtain Raiser in New Delhi

Indian Electrical and Electronics Manufacturers' Association (IEEMA), flagged off ELECRAMA 2016 – World Electricity Forum at a curtain raiser at Hotel ITC Maurya in New Delhi. The event witnessed the presence of important decision makers, Ambassadors, consulate generals, utility heads, senior bureaucrats and Members of Parliament.

Shri Aaditya R Dhoot Chairman- Organizing Committee, ELECRAMA 2016 made a presentation on EL 16 and concurrent events, reasons to be at ELECRAMA 16 and also the new initiatives being showcased during ELECRAMA 2016. This was followed by an enthusiastic and encouraging special address by Shri Anil Swarup, Secretary Coal congratulating IEEMA on its new initiative and active participation with the government and also wishing EL 16 a huge success. Member of Parliament Rajya Sabha, Shri Tarun Vijay and Member of Parliament Lok Sabha, North West Delhi Shri Udit Raj extended full support to IEEMA and ELECRAMA 16.





ANDHRA PRADESH & TELANGANA



Interaction with Government of Unitilies

Meeting with Shri G. Jagadish Reddy Hon'ble Energy Minister, Government of Telangana and Shri G. Raghuma Reddy CMD, TSSPDCL, introduced IEEMA and discussed the 12th edition of ELECRAMA-2016 and requested for their active participation in ELECRAMA 16.

Meeting with Shri Jupally Krishna Rao, Hon'ble Minister - Industries & Commerce Government of Telangana,

Meeting with Shri Venkateshwarlu, President-Telangana Chamber of Commerce and Industries (TECCI)

Interaction with Shri Prabhakar Rao, CMD - Telangana State GENCO & TRANSCO

Meeting with Commissioner of Industries, Government of Telangana, Shri K. Manicka Raj.

Meeting with Shri Arvind Kumar, Secretary - Energy Department, Government of Telangana

Dr. K. E. Bala Chandrudu, Principal and Prof. Srinivas, HOD (EEE), Malla Reddy Institute of Engineering & Technology

Interaction with Y. V. Subba Rao, General Manager & Head Corporate Business Development Group, Electronic Corporation of India Limited (ECIL), Hyderabad

Meeting with Shri Ajay Jain, IAS – Secretary to the Government of Andhra Pradesh (Energy, Infrastructure & Investment Department)

Meeting with Shri B. Samuel, Director and Shri Krupa Sagar, DE – APGENCO.

Meeting with Shri Vijayanandan, CMD – AP GENCO & TRANSCO

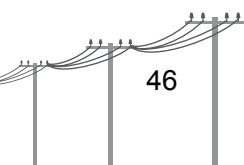
Meeting with Shri Jayesh Ranjan, Secretary to the Government of Telangana (Electronics, IT & Communication Department) and Shri Venkateshwar Rao, Consultant, IT, Electronics & Communication – Government of Telangana

Meeting with Commissioner of Industries, Government of Telangana on UDYOG AADHAR

Meetings with Shri Mutyala Raju, CMD, Eastern Power Distribution Company of Andhra Pradesh Ltd (APEPDCL), Shri Balaji, Head, Corporate Communications, Vizag Steel and Smt. Latha, Chief Planning, Vizag Urban Development Authority (VUDA)

Meeting with Shri Raghuma Reddy, CMD, TSSPDCL

Meeting with Shri Ismail Ali Khan, Chairman - TSERC and Justice G Bhavani Prasad, Chairman – APERC





Interaction with other Association

Meeting with Andhra Chamber of Commerce, Vizag, Association of Vishaka Electricals Contractors & Dealers, Federation of Telangana & Andhra Pradesh Chamber of Commerce and Industry (FTAPCCI) and Telangana Chamber of Commerce and Industries (TECCI).

Preview of ELECRAMA 2016 at Hyderabad

On 19th January 2016, IEEMA organized the Preview of ELECRAMA 2016 at Hotel Park Hyatt Hyderabad, attendant by more than 70 delegates. Shri Sunil Misra, Director General, IEEMA & Shri Viaks Jalan, EC member, IEEMA graced the program.

Interaction with Technical Institutions

Interacted with Shri Mangu, HOD, Dr. Vidya Sagar, Professor of Osmania University, Dr.

A. Govardhan – Principal, Dr. P. Srinivasa Rao – Vice principal, Dr. Ch. Venkata Ramana Reddy, Director of Jawaharlal Nehru Technological University (JNTU), Hyderabad and Principal and training department Head of Government Polytechnic College, Secunderabad.

Meeting with Members and Non Members in the State.

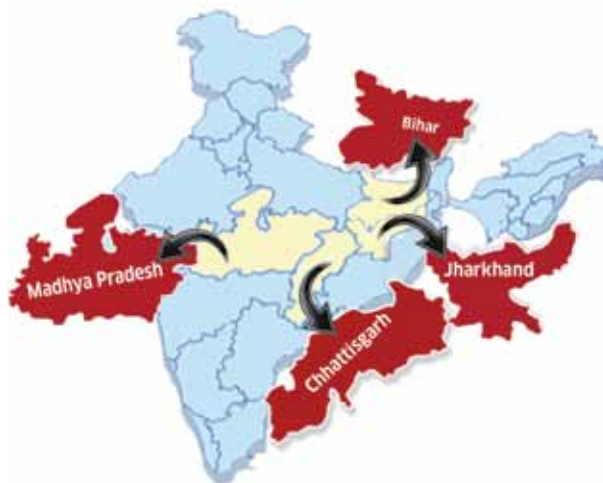
Regular interactions with members, non-members and technical institutions to update them of the various activities and development of IEEMA.

IEEMA's members interactive session at Hyderabad

On 17th April 2015, members interactive session held in Hyderabad. More than 25 members have attended the session and discussed issues related to PVC, BIS & BEE, Customs & Excise department, etc.



BIHAR, CHATTISGARH, JHARKHAND & MADHYA PRADESH



Empowering Make In India

Empowering Make in India program was held on 22nd June 2015 at Bhopal with more than 70 key persons from different utilities and Government Departments and industry. It was chaired by the Principal Secretary- Energy and MDs of different utilities.

Interaction with Government Organisation & Utilities

Meeting with the Chief Secretary of Bihar, Shri Anjani Kumar Singh to introduce IEEMA and its working.

Meeting with Principal Secretary – Energy of Jharkhand, Shri S K G Rahate, Principal Secretary – Energy of Chhattisgarh, Shri Aman Singh and Principal Secretary – Energy of MP, Shri I C P Keshari to brief them about IEEMA and its activities. An invitation was extended to them for the upcoming event ELECRAMA 2016.

An introductory meeting with the Commissioner & engineers of the Municipal

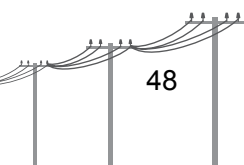
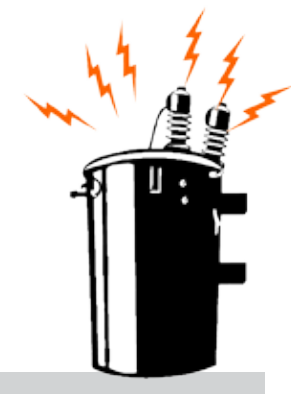
Corporation. Briefed them about IEEMA and ELECRAMA 2016.

Met Shri V. H. Chandorkar, CEDE, East Central Railway, Shri C. S. Jha, CESE, ECR and Shri Kishorilal, Dy CEE, ECR to appraise them about IEEMA and its activities. Detailed them about ELECRAMA. Discussed ranged on various developmental work of Railway Department in terms of Electrical equipment procurement, installation, etc. and how IEEMA can be engaged.

Interactions were done with CPRI, NTPC, Power Grid, Army etc. on regular intervals and timely updates were disseminated of ELECRAMA and various activities of IEEMA.

ELECRAMA Preview Meeting

Elecrama 2016 preview meeting was held on 7th January 2016 in the premises of CCL at Ranchi in which senior officials of electrical, mechanical, operations and purchase departments participated and had detailed discussion on forthcoming ELECRAMA.





GUJARAT



The meeting took place in the premises of E&M, CCL in Ranchi in which Assistant Vice President & Head East, of ABB India Limited, delivered detailed orientation on ELECRAMA 2016, scheduled to be held during 13th to 17th February. The meeting was presided over by HOD E&M, Shri A K Singh and attendant by senior officials from electrical and mechanical, purchase and commercial department.

ELECRAMA Road Show

On 23rd Jan 2016 for promotion of Elecrama 2016 a road show was organised at Bhopal where key persons of industry and utility attended. Video Message of Elecrama OS along with Elecrama short film was also played during the show. The Chairman and Managing Director of MPPMCL, Shri Sanjay Shukla chaired the program.

Interaction with Members:

Interaction with IEEMA Members was done from time to time and tried to understand their needs and devise action accordingly, and updating them about various activities and development with IEEMA.

There were continuous and regular interactions with the State Utilities about the latest updates of IEEMA, implementation of Mission Plan 2012-2022 and issues concerning domestic industries and manufacturers of electrical, electronics and allied equipment.

Interaction with Non Members

From time to time, interacted with non-members related to electrical industry and updated them of the various activities and development of IEEMA.

New Member Enrollment

Ravi Brass Industries

Electronics & Quality Development Centre

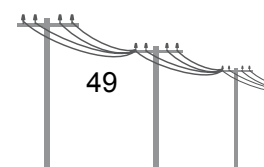
Govt interaction and other counterpart Association meetings.

Meeting with Shri Negi, Managing Director, GETCO, to extend invitation to address at Vadodara Road show. Shri Negi extended full support to Gujarat activities and shared his views and Ideas to take up initiatives for members in Gujarat.

Meeting with President and Key office Bearers of Vadodara Electrical Traders and Contractors association to invite them for for EL-16 Vadodara Road Show.

Meeting with Shri Pranav Mehta, Chairman, and National Solar Energy Federation of India to brief him on EL-16 activities and RE Energy Pavilion. He extended his support to ELECRAMA-16 and shared his interest in signing an MoU with NSEFI to support RE Pavilion.

Invited President, Vice President of Shree Gujarat Vijali Contractor Mandal. for Vadodara EL- 16 Road show. They extended support for all Gujarat IEEMA activities and the association shared information of all Gujarat Govt. Authorized Electrical contractors and shared their Association directory.





Industrial Visit at Jamnagar Factory Owner's Association, to Showcase ELECRAMA-16 Preview presentation. The meeting was attended by 22 key Brass component mfg and all JFOA members' present showed positive response to attend EL-16. JFOA shared their members Directory with IEEMA and extended their support to all IEEMA future activities and EL-16.

Meeting with President, Vice President, Secretary, Vadodara Chamber of Commerce and Industry. Shared EL-16 brochures, activities and introduction meeting as IEEMA, Gujarat State Head. VCCI shared their member's directory and extended support to Vadodara EL-16 Road show.

Meeting with Secretary General of Gujarat Chamber of Commerce and Industry GCCI shared their member's directory and extended support to Gujarat EL-16 Road shows and IEEMA activities.

Meeting with Shri Lalnunmawia Chuaungo, Principal Secretary, Energy and Petrochemicals Department, Govt Of Gujarat. He extended his support towards IEEMA activities in Gujarat and accepted participation for a Utility Outreach programme towards April 4th week.

Meeting with Shri Negi, CMD GETCO

and Shri B.B. Mehta, Chief Engineer, State Load Dispatch Centre and visited GETCO State Load Dispatch Centre facility. Chief Engineer hosted a visit to SLDC and gave a brief overview of the working of SLDC. Shri Negi also thanked IEEMA for hosting him at EL-16 and praised its organizing structure. He has extended his support in organizing a successful utility outreach programme.

ELECRAMA Road Show

The first domestic roadshow in Gujarat was organized in Vadodara at Hotel Surya Palace. Shri Vipul Ray, EC member, welcomed the dignitaries and delegates at the Road show. Shri Aaditya R Dhoot, OCC, EL-16 gave a preview presentation, Shri Vikas Khosla, EC, Member shared his EL story. Shri Negi was invited as Key Note speaker and gave a brief talk on Gujarat Power sector. IEEMA President, Shri Babu Babel, addressed the attendees with IEEMA activities and Indian Power scenario. Prior to the road show Shri Babu Babel, President, IEEMA and Shri Aaditya R Dhoot – OCC ELECRAMA 16 addressed the Media at press conference hosted for EL-16 Preview. The event was attended by Utility head, SME Mfg, Energy Consultants, Head of Plants, Engineering Consultants, Select Exhibitors and Members from Vadodara.



L to R : Shri S.K. Negi, Managing Director, GETCO; Shri Vipul Ray Executive Council Member, IEEMA; Shri Babu Babel, President, IEEMA; Shri Aaditya R Dhoot, Chairman, Elecrama 2016 and Shri Vikas Khosla, Executive Council Member, IEEMA



CHANDIGARH, HARYANA, PUNJAB & HIMACHAL PRADESH

Members meet – Chandigarh, Punjab, Haryana and Himachal Pradesh

Members meeting was done which was being chaired by the President and Director General, IEEMA in Chandigarh, in which the point of discussions were, the concern areas to be discussed with the Haryana Govt., the industry growth, Empowering make in India – The role of manufacturers, Elecrama 2016

Empowering Make in India – An interactive session between the Haryana Govt. Utilities, members and non members

Additional Chief Secretary along with the team of MD HVPN, UHBVN, Chief engineers and SE were engaged for discussing the expectations of the Govt utilities from the manufacturers in empowering make in India campaign. The concern areas of the manufactures were also addressed like :

- The Bank guarantee taken by the utility departments against the orders.
- The problem of the new manufacturers not able to apply for the govt tenders as there is a minimum turnover requirement for filling the tenders.
- The time taken in paying the manufacturers by the utilities.

The rapport was maintained between the ACS – Power Haryana, Haryana Govt utilities and the manufacturers.

Meeting with – Additional Chief Secretary – Power – Sh. Rajan Gupta, MD UHBVN & HVPN – Sh. Nitin Kumar Yadav, MD-DHBVN – Sh. Arun Kumar Verma.

Points discussed:

- ACS Power – Haryana wanted the standardization of the products. The



members of IEEMA should have some standardization so that it will be easy for utility to have a tie up with the vendors.

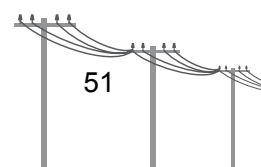
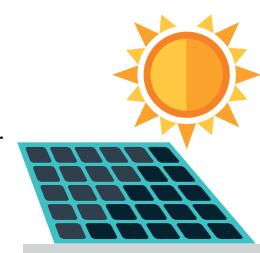
- Guarantee maintenance by the manufacturers after the delivery of the products. Solution AMC was offered which can be taken by the utility departments from the manufacturers.
- Training of the technical staff by the manufacturer after the delivery of the goods.
- Elecrama programs like conferences, meetings etc should be structured in keeping the utility delegates time constraints so that they can have maximum event participation as well as have maximum exposure to the exhibitors.

Meeting for the procurement of Smart Meters for Panipat Project

Discussion related to Power Utilities contribution in Industry and related questionnaire for the same was given to be printed in IEEMA Journal. Discussion related to Smart Grid – Panipat Project and participation of our manufacturers in this regarding to the supply of smart meters.

Meeting regarding the training requirements of the Utility department officials and technical staff

Meeting with the MD – HVPN Shri Nitin Kumar Yadav, along with the Principal – Trainings – HVPN – Sh. Gupta. Given introduction of IEEMA and role of IEEMA in Power Sector and discussed about the training opportunities for





the utilities. Other points discussed were about the new training building, which can be utilized in future for any seminar and conference.

Meeting regarding the Power consumption in Punjab and Scope for the manufacturers

Meeting with the CMD PSPTL to discuss the scope for the manufacturers in Punjab along with the visit to the Intellect show.

Renewable energy consumption and scope

Meeting with Addl. Director Sh. D K Chopra of HAREDA, and discussions rallied around the production and consumption of Renewable Energy in Haryana, the role of renewable energy in meters and also the procurement of goods from the Indian market.

Meeting with the Development Authorities

Met the MD-HSIDC - Sh. Vineet Garg, and extended thanks for sending delegates for "emPOWERing make in India" Chandigarh. Discussed about the role of IEEMA in electrical industry and how the development authorities can help IEEMA to take the "emPOWERing make in India" further and the procurement of electrical goods by HSIDC. He assured all support to IEEMA.

Education Institutional Membership:

Education Institutional Membership initiative started by Chandigarh Chapter – The first institution which was presented for Institutional Membership was Chitkara University. Chitkara sponsored the following participation:

Annual General Meeting
Diary of IEEMA
Student Infinite
Stall at Elecrama

Meeting with BBMB

Met the Chairman BBMB and discussed with him ELECRAMA 2016 and the Power

Utility Pavilion. He was very impressed with the initiatives of IEEMA and confirmed the participation of BBMB.

Meeting with the delegates of Ontario, Canada Government

Meeting of IEEMA members the Business delegates of Ontario, Canada Government for business/Investors meeting at Hotel Taj, Chandigarh.

Meeting with General Secretary, Chambers of Industries and Commerce

Met the General Secretary, Chambers of Industries and Commerce, Ludhiana to discuss Elecrama 2016.

Meeting with Principal Secretary, Industries and Commerce, Haryana

Meeting with Shri Davinder Singh, Principal Secretary, Industries and Commerce, to discuss "Happening Haryana Programme". He invited the members having their industries in Haryana to discuss the pain points.

Meeting with Principal Secretary, Power, Punjab

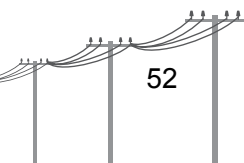
Met the Principal Secretary, Power, Punjab and discussed about IEEMA and its activities. Also discussed about Elecrama 2016 and planned an interactive session with the members for discussing their problems in Punjab.

Meeting with Director, Industries and Commerce, Haryana

Met Shri Vivek Attray, Director, Industries and Commerce, Haryana to discuss his participation in Elecrama Roadshow and to discuss the future of the manufacturers in Haryana.

Meeting with MD- HPSEB, Director HPSEB and Chief Engineer HPSEB:

Met the MD, Director and Chief Engineer, HPSEB to discuss the meters divisional problems related to rates and their contracts. Later a meeting was fixed with the divisional officer for the same.





Interaction with Print and Electronic Media:

Regular interaction with the local publication is done to maintain a rapport and enhancing the brand image of IEEMA.

Interaction with Haryana Government and Utilities:

Regular interaction with the senior officials of Haryana Government and Utilities was done the entire year to keep them updated with the activities of IEEMA as well as to maintain a rapport with them. Delegate participation from different department for different seminar and conferences was done as one of the major activity. Today IEEMA is a known face to the Haryana Government in almost all the departments.

Interaction with Punjab Government and Utilities:

Regular interaction with the senior officials of Punjab Government and Utilities was done the entire year to keep them updated with the activities of IEEMA as well as to maintain a rapport with them. Delegate participation from different department for different seminar and conferences was done as one of the major activity. Today IEEMA is a known face to the Punjab Government in almost all the departments.

Interaction with Himachal Pradesh Government and Utilities:

Regular interaction with the senior officials of Himachal Pradesh Government and Utilities was done the entire year to keep them updated with the activities of IEEMA as well as to maintain a rapport with them. Delegate participation from different department for different seminar and conferences was done as one of the major activity. Today IEEMA is a known face to the Himachal Pradesh Government in almost all the departments.

Interaction of the members and non members with Shri Vinod Behari, CEO, Power Sector Skill Council:

An interactive session with Shri Vinod Behari, CEO, Power Sector Skill Council was organized in Chandigarh where members and non-members discussed their problem related to the skill development. Shri Vinod Behari suggested them to make a list of the topics where they need their manpower to be trained.

Interactive Session of Shri Sanjeev Sardana, Vice President, IEEMA with the Students of Chitkara University:

An interactive session of Shri Sanjeev Sardana with the students of Chitkara University was organized to enhance the brand image of IEEMA in the mind of the new and budding engineers.

ELECRAMA Road Show

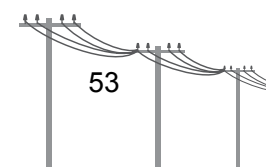
On 22nd Jan 2016 for promotion of ELECRAMA 2016 a road show was organised at Chandigarh where key persons of industry, utility, government department, MSME, & many more were invited & apprised about ELECRAMA 2016. A Video Message of ELECRAMA OCC along with ELECRAMA short film was also played during the show. Various senior persons of IEEMA and MDs of utility departments gave speeches about ELECRAMA and also invited all to attend the exhibition which was to be held in the month of February at Bangalore.

Interaction with members:

Regular interactions with IEEMA Members were made for understanding their needs updating them about various activities and development work performed by IEEMA in different sectors. 5 Membership meets were done for the same.

Interaction with Association:

Local Association bodies like CII, Mohali Industries Association, Panchkula Chambers, Parwanoo, Baddi Association, Ambala Chambers, Industries and Commerce Ludhiana, PHD Chambers and others were visited from time to time for discussing the brand image of IEEMA and also to understand their strategies.





JAMMU & KASHMIR



New Member Enrollment

Created new member 'North Sun Enterprises' from Srinagar. The said firm is into manufacturing of power distribution transformers.

Created new member 'Naseer Electrical Industries' from Baramulla J&K. The said firm is into manufacturing of power distribution transformers.

Interaction with Members, Non- Members and Technical Institutes at Srinagar & Jammu

Interacted with Members and non-Members related to electrical industry and updated them of the various activities and development of IEEMA.

Govt interaction and other meetings

Shri Mohammad Muzaffar Matoo, Chief Engineer, Generation Wing-JKPDD Government of J&K. Discussed with him about activities of IEEMA and briefed him about role of IEEMA in the development of power sector in Jammu & Kashmir.

Shri Bashir Ahmad Khan/ Chief Engineer Maintenance & Rural Electrification J&K, Jammu & Kashmir State Power Development Corporation Limited, Government of Jammu & Kashmir.

Shri Khurshid Ahmad/ Chief Engineer Procurement & Material Management, JK PDD, Government of Jammu & Kashmir.

Shri Dheeraj Gupta/ Principal Secretary Power J&K, Government of Jammu & Kashmir.

Smt. Tasneem Maajid/ Special Secretary Power, Government of Jammu & Kashmir.

Shri Kifayat Hussain Rizwi/ Managing Director, JKSPDC, Government of Jammu & Kashmir.

Shri Sheikh Gul Ayaz/ Development Commissioner Power, Government of Jammu & Kashmir.

Shri A K Gandotra, Director Planning JK PDD, Government of Jammu & Kashmir.

Meetings for ELECRAMA 2016

Coordinated with top officials of Power sector of J&K including Principal Secretary Power Shri Dheeraj Gupta and Development Commissioner Power Shri Sheikh Gul Ayaz for their participation in ELECRAMA 2016.

Coordinated with the Director Shri Vinod Sachdeva of Electric-Field, IEEMA member from Jammu, for his participation in ELECRAMA 2016.

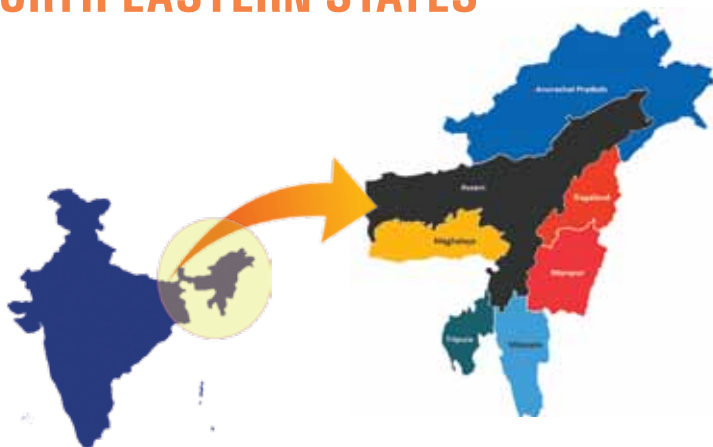
Shri Nisar Ahmad Baba, Director of Alba Power, IEEMA member, participated in ELECRAMA 2016 after I briefed him about the program.

Managing Director JK Green Energy Solutions Shri Abid Nagoo along with his colleagues participated in ELECRAMA 2016.

Delegates from Ladakh and Kargil regions of the J&K State also participated in ELECRAMA 2016.



NORTH EASTERN STATES



EXHIBITION

“Konnnect North East” an exhibition was held on April 23rd and 24th 2015 at Guwahati where electrical equipment manufacturers of India participated and exhibited their products. Many key persons from utilities, government departments, technical institutions, traders body, NEC, Railways, Defence wing of entire North East visited the exhibition. Power Minister of Arunachal Pradesh also visited the exhibition and praised IEEMA for such an initiative.

Empowering Make in India

Empowering Make in India program was held on 23rd April 2015 at Guwahati with more than 100 key persons from different North Eastern States both from utilities and Government Departments. Most of the MD's of utility of different North Eastern States participated in the program. Also Chairman of state utility, secretary MoP graced the occasion by actively participating as special guest of the program.

Government & Industry interaction program

An interactive program was conducted on 7th September 2015 which was attended by local industry manufacturers along with industry person from outside the state. Major industry players like L&T, Siemens, Exide, Havells,

HPL, Crompton Greaves, Bajaj etc were also active participant at the program. HOD's & Senior professors of technical institutions also participated in the session. An important point which was highlighted by MSME Director was that IEEMA should look into vital matter for especial category states.

ELECRAMA Road Show

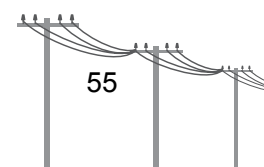
ELECRAMA 2016 a road show was organised on 22nd Jan 2016 at Guwahati where key persons of industry, utility, government department, MSME, NSIC & many more were invited to the show & apprised about ELECRAMA 2016 & the new initiative & program to be held. Video Message of ELECRAMA OCC along with short film was also played during the show.

Enrolment of New Member:

New IEEMA membership was formed for NTL Steel & they manufacture Galvanized Steel Tubular Poles.

Interaction with Association:

Regular interactions with local Association bodies like FINER (Federation Of Industry & Commerce of North Eastern Region), AASSIA (All Assam Small Scale Industries Association), Electrical Merchant Association, Electrical Contractor Association and others were made from time to time for





L to R : Shri Sunil Misra, Director General IEEMA, Shri Babu Babel, President IEEMA, Shri Uma Shankar, Former Secretary, Power, Govt. of India, Shri Vishnu Agarwal, Past President IEEMA, Shri Devendra Chaudhry, Secretary, DADF & Former Joint Secretary, Ministry of Power and Shri Harish Agarwal, Executive Council Member IEEMA.

open discussion on development works, state of condition of the market and also try to find out there working strategies.

Interaction with Government Organization & Utilities

PWD:

Interaction with Chief Engineer Construction of PWD Department & discussed with him the role of IEEMA in the implementation of Mission Plan 2012-2022 across India and requested on development strategies of IEEMA to get technical know-how in the electrification and maintenance of power in Assam. Discussed with him about ELECRAMA 2016 & requested for his active participation.

Irrigation:

Engagement with Secretary, Chief Engineer & Additional Chief Engineer to apprise about IEEMA, it's activities and also had discussion related to pumps, generators they use and technical support that can be offered if needed by them & for smooth functioning of their department. Informed them about ELECRAMA 2016 and benefit they can acquire on their visit.

Education:

Regular interaction with Director - NIT Shillong , Principals of Assam Engineering College, Royal Group of Engineering, GIMT, Don bosco Engineering & Technical College and electrical HOD of the above mentioned Technical Engineering Colleges.

Municipal Corporation & Metro Development Authority :

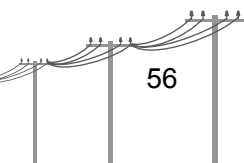
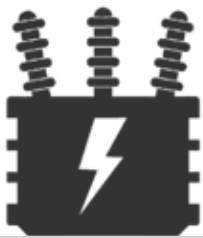
Discussed with the Commissioner about the future prospectus of power sector in Assam and role of IEEMA in the development. Also discussed with him about ELECRAMA 2016 which is to be held in Bangalore in February 2016 and requested for his active participation

Railway:

Discussion on various developmental work of Railway Department in terms of Electrical equipment procurement ,installation, power back up with CPRO and other Senior officials of Engineering Electrical wings of the department

POWER:

Interacted and discussed with Additional Chief Secretary Power Shri Pyarelal & Commissioner





Power Shri H. Sharma regarding future prospectus of power sector in Assam and possible role of IEEMA in the development of domestic industries and power sector in Assam & requested them to keep close association with IEEMA for all developmental and reformation activities in power sector. Also discussed with about ELECRAMA 2016 and invited them to attend.

Interaction with Utilities

Continuous and regular interaction with Chairman of APDCL Shri K.V Eapen, MD APDCL, MD AEGCL, MD APGCL, all CGM, GM & few DGM of Assam State Utility and discussed with them policy advocacy role of IEEMA with Government of India for the development of power sector .

Engagement with other State Utilities of Meghalaya, Nagaland, Mizoram, Manipur, Sikkim, Tripura, Arunachal Pradesh were also undertaken at regular intervals.

Others:

Interactions with Air force, Pollution Control Board, NEC, BIS, MSME, NSIC, AIDC, CPRI,

BHEL, NTPC, NEEPCO, NPTI, NERPC at regular intervals through out the year and timely update of various activities of IEEMA .

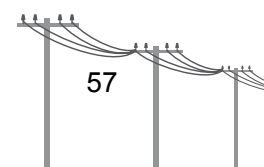
Interaction with Non Members

Interacted on regular basis with few of the non- members related to electrical industry-manufacturer of different electrical equipment, EPC Contractors and update them about the various activities, initiatives and development work of IEEMA from time to time.

Interaction with Members

Regular interaction with IEEMA Members were made and trying to understand their needs and do action accordingly, also updating them about various activities and development work perform by IEEMA in different sectors.

Engagement with IEEMA Members branch offices like HPL, Bajaj, Crompton Greaves, Havell's, Polycab, L&T situated at Guwahati at regular intervals to keep them updated of different activities, initiatives and development work.





ODISHA



Members Enrolment in IEEMA

Velcro Electrical Manufactures Pvt. Ltd enrolled as Ordinary Member as they have produced the necessary documents and the Admission fees.

Konark Institute Of Science and Technology (KIST) AICTE approved ,BPUT affiliated institute enrolled as Institutional Member in IEEMA

Government and Utilities Interactions:

Interactions with Hon'ble Minister of Energy GoO Shri Pranab Prakash Das, Minister of Industry, Ministry of MSME for government's support for the development programs, seminars, activities and initiatives of IEEMA in the state.

Shri Bivash Kumar Panda, Director, Ministry of New and Renewable Energy, GoI, discussed about the activities of IEEMA.

Principal Secretary, Add. Secretary, Department of Energy, GoO to discuss about the various issues of IEEMA seminars and events

Engineer-In- Chief cum Principal chief Electrical inspector, Shri S. S. Pati for the nominees and participation from government for IEEMA seminars, workshops, events etc.

Chief secretary GoO, OSD to chief secretary Shri Dillip kumar Routray, Principal Secretary Housing and Urban development GoO, CMD of Grid corporation, Optcl, MDs of the power sector utilities, Discom, Power generation corporation, and Hydropower corporation among others.

Principal secretary Industry Shri Sanjeev Chopra, IAS ,and Principal secretary commerce and Transport Shri Sanjay Rastogi IAS , for giving information about our events and ELECRAMA2016

Shri Sanjeev Chopra, CMD Industrial Promotion and Investment Corporation of Odisha Limited, Shri Hemant Sharma, CMD GRIDCO, OPTCL, Shri Ajay Panda, GM HRD, GRIDCO,OPTCL, Shri Indranil Dutta, MD, OPGC, Shri Aswini Mishra, Director(operation), Shri Susil Popli, CEO CESU Utility, ShriS.K.Mishra Sr.Gm HR

Shri Sanjib Kumar Mishra, Director Municipal Corporation, Add. Secretary to Govt. ShriAjit Kumar Behera, Executive Engineer Electrical, with other officers to discuss power prospectus and role of IEEMA.

Meeting with Members and Non Members in the State.

From time to time, interacted with members, non- members and technical institutions to update them of the various activities and development of IEEMA.

Interaction with other Association

Regular interaction with other Associations like CII, FICCI, ICC and local association Utkal Chamber of commerce and industry, Association of Industrial Entrepreneurs of Bhubaneswar, Odisha Automobile Association, Odisha Electrical contractors Association, Odisha Industry Association, Odisha Power Sector Engineers Association.



RAJASTHAN



Government Interaction Interaction with Principal Secretary Energy, CMD Discoms and RVPN Shri Sanjay Malhotra

Meeting with Principal Secretary Energy, CMD Discoms and RVPN Shri Sanjay Malhotra for submission of representation of trial order and SCADA implementation for Discoms.

Interaction with Commissioner Industries, Shri Abhay Kumar

Meeting with Commissioner Industries, Shri Abhay Kumar for discussing the Electrical industry scenario of state and difficulties faced by electrical manufacturers. A representation was also submitted on Entry tax and Bank guarantee issue.

Interaction with Managing Director, JVVNL, Shri Bhaskar A Sawant (IAS)

Meeting with MD JVVNL, Shri Bhaskar A Sawant (IAS) to submit copy of representation of Trail orders, SCADA implementation.

Interaction with MD RRECL (Rajasthan Renewable energy corp. ltd), Shri BK Dosi

Meeting with MD RRECL (Rajasthan Renewable energy corp. ltd), Shri BK Dosi to discuss the scope of solar energy and wind energy in Rajasthan.

Interaction with CMD, RVUNL, Shri NM Mathur

Meeting with CMD, RVUNL, Shri NM Mathur

to discuss the existing conflict between EPC contractors and Equipment manufacturers.

Interaction with Scientist F and Head of BIS, Shri AK Sinha

Meeting with Scientist F and Head of BIS, Shri AK Sinha to discuss on new application no. 1180 for transformer manufacturers.

New Member enrolment

- Airen metals Pvt. Ltd
- Mangal electrical
- Shri Krsna Sudarshan Urja

Institutional membership:

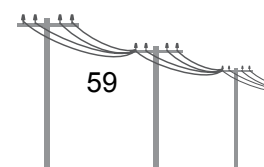
Poornima group of colleges

Members Interaction – Rajasthan

A Members meeting was organised in Jaipur, in which the point of discussions were, the Entry tax issues and Bank guarantee issue with Rajasthan Govt., Export related issues, problems members are facing from Discoms, Focus on increasing membership. It was also decided to submit two representations to Commissioner Industries and principal secretary energy.

ELECRAMA road show

On 23rd Dec 2015: The first road show for promotion of Elecrama 2016, was organized at Jaipur where officials from industry, utility, government department, railways, MSME and other associations graced the occasion.





UTTAR PRADESH & UTTARAKHAND



Members' Interaction with Utilities

A meeting was organized between the representatives of cable division members and senior officials of electricity boards. This was chaired by CE Shri A.S. Prasad along with other senior engineers including CE. Shri C M Mathur. This was pertaining to certain price clauses in the tenders.

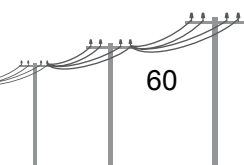
A meeting of members of Capacitor Division was organized with the senior officials of RDSO. Shri Anoop Kumar ED and Shri AK Sharma Director was present. This was pertaining to introduction of newer compact models of capacitor of higher ratings in railways. The meeting took place in December.

"Making Uday Happen"

An interactive session regarding 'Making Uday Happen' was organized between the members of IEEMA and senior Government officials of UPPCL. This meeting was chaired by Anil Swaroop IAS Secretary Coal Government of India. From the utility side Shri Sanjay Agarwal IAS P. Secretary Power cum Chairman UPPCL, MD's, Directors, Chief Engineers and other senior engineers were there. From the IEEMA the main speakers were Shri Vishnu Agarwal Ex -President, Shri Vinamra Agarwal



L to R : Shri Sunil Misra, Director General IEEMA; Shri Vishnu Agarwal, Past President IEEMA; Shri Anil Swarup, Secretary, Coal, GOI; Shri Sanjay Agarwal, Principle Secretary, Power cum Chairman UPPCL; Shri A P Mishra, MD, UPPCL; Shri Abhishek Prakash, IAS, MD, Panchimanchal Vidyut Vitran Nigam and Shri Shamim Ahmed, MD, Madhyanchal Vidyut Vitran Nigam





EC member and DG Shri Sunil Misra Shri Sanjay Agarwal also addressed the gathering, highlighting the difficulties faced by the Discoms. It was the first major interactive session of IEEMA with UPPCL. It was decided that more interactive session would be held with focused meetings on specific verticals. The meeting was held in March and the follow up meeting was held in April.

Interaction with Government Departments

UPERC:

Had regular meetings with Chairman UPERC . This was to apprise him of the various activities undertaken by IEEMA during the course of the year.

UPPPCL:

Meetings with Chairman UPPCL Shri Sanjay Agarwal (IAS), was held very frequently, he was regularly apprised about activities of IEEMA, various conferences and events. These meetings at times took place more than twice a month.

There was regular interactions with MD of UPPCL Shri A.P. Mishra, MD Transmission Corporation Shri Vishal Chauhan IAS, Shri Shammim Ahmad MD Madhyanchal, Smt. Sylva Kumari J IAS MD KESCO, Directors, ED's and Chief Engineers in various Nigams, under the umbrella UPPCL. The interest that is getting generated in seminars, conferences and exhibitions organized by IEEMA is now visible. There are often technical queries from them, which are directed to Secretariat and subsequently answered.

NEDA:

Had regular interaction with MD's/Directors of NEDA. more so, as there were very frequent changes at this post. They were apprised of our activities and the role we playing in this field.

Administration

Interacted with Chief Secretary Shri Alok Ranjan (IAS) to apprise him of all major activities of IEEMA

Industries Departments:

Regular interaction with Smt. Kanchan Verma Special Secretary (IAS) Department of Infrastructure and Industrial Development.

Pollution Board:

Meetings with Shri R. Upadhaya Chief Environmental Officer. He has assured of help in case industries have any difficulties.

RDSO:

Had interactions with Director General RDSO and other ED'S and Directors. They have all shown very keen interest in the activities of IEEMA, there is lot of enthusiasm in them about attending our conferences and other events. A very large contingents of senior officials had gone for ELECRAMA 16 on their own.

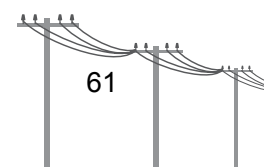
Non Members:

A regular interaction with select few non members and EPC contractors is held. They are regularly apprised of the various activities and development work of IEEMA.

New Members:

A new member Jyoti Engineering from Allahabad is in the process of being added.

During the year regular interactions were held with utilities of UP and Uttarakhand, members and non members for sending delegates for the conferences and events organized by IEEMA.





PRE-BUDGET MEETINGS

Economic & Taxation Committee:

The Economic & Taxation Committee 2014-15 was re-constituted, by the Executive Council, under the Chairmanship of Shri Vardhan Dharkar, President (Finance) Gammon India Ltd.; and other senior finance/taxation officials of member organisations as members of this Committee.

The Committee deliberated and addressed issues of members in areas of finance; implications of taxes and duties; impact of Government notifications/circulars on the industry; and policy amendments. The Committee also played an advisory role and provided guidance to members in these areas.

The Committee steered the pre-budget exercise and represented the IEEMA Pre-Budget Memorandum for Budget 2015-16 to the Government of India. It also interacted with the Ministry of Finance and Department of Industrial Policy and Promotion, under Ministry of Commerce and Industry, Government of India, on this subject.

The Committee conducted three meetings during the period, where it discussed and addressed various taxation and policy issues faced by the industry, which include, denial of deemed exports benefits to projects funded by JICA; high stamp duties in the State of Maharashtra; denial of TED refund under ICB; Focus Product Scheme; Accumulation of CENVAT Credit etc.

BRAND IMAGE OF IEEMA

Publications, Web Presence Media Coverage, and Advertising Promotion

The IEEMA Corporate Communications, PR & Brand department has expanded the visibility and positive image of IEEMA both in India and abroad. This has been successfully executed particularly in the ELECRAMA year, during membership meetings and interactions with key Government bodies.

IEEMA Website

In the year 2015-16, a revamped www.ieema.org was launched with new dimensions for the benefit of our members. The new website has additional features like IEEMA Live Tab which is a one-stop news page for the latest in power generation, transmission and distribution trends and news. It also has online PV Calculator, Online IEEMA publications with online payment gateway.

Moreover, the new website also has additional features like live chat in which one of our representative dedicatedly resolves queries of our members within a span of a few seconds. Other services added on the new website include Help Desk Services, Language Option, and Online payment gateway for all services. Microsites continue to be created based on the events, for example for INTELECT 2017, TRAFOTECH and E3. The new website is linked with our social networking sites like facebook, LinkedIn and Twitter.

IEEMA Weekly Update

A weekly newsletter was introduced giving updates about IEEMA-representations to the Central & State governments, interaction with various Ministries & Government's arms, delegation visits to & from India, divisional & regional activities, national & international seminars and other initiatives of IEEMA.

IEEMA Journal

IEEMA Journal has entered into 35th year and continues to furnish its readers with informative and researched articles from experts of the power industry. In the year 2015-16 various new sections were introduced in IEEMA Journal. Apart from interviews of top officials of utilities, bureaucracy and SEBs IEEMA Journal also covered interviews of its divisional chairmen and it received positive feedback from our readers.

During ELECRAMA 2016, IEEMA Journal came out with a special issue called as ELECRAMA Journal which featured Shri Piyush Goyal's exclusive interview on the recent developments in the power sector. The special issue was appreciated by the readers. The important highlights of the IEEMA Journal in the year 2015-16 were some important cover stories on Power generation, Rotating Machines, Conductors, Smart Grid, Energy Efficiency, Financial analysis of the electrical industry, to name a few. Special coverage was given to specific events like Konnect Northeast and Beyond, T&D conclave, Swicon 2015, post show report ELECRAMA and others.

The IEEMA Journal team is strenuously working on further improvisation of content in the magazine making it more relevant for our members. Guest articles from IIT Professors, engineers, power analysts and academicians are being called based on their expertise in the respective field.

Compilation and circulation of Statistical data

IEEMA publishes Production/Sales statistical report for 12 different electrical products and one Order Book position report (OBP) every month on the basis of data furnished by the members. This year, formats for 2 product sectors successfully upgraded for covering contemporary segments. Understanding the importance of data compilation, two divisions

are exploring data collection & compilation of new product segments.

Collection and compilation of data process follow Competition Compliance rules & regulations. Individual company wise data is never disclosed to anyone and kept confidential and only aggregate compiled statistical report is published. The average





lead-time of furnishing Sales/Production reports was about 60 days. We are also exploring new ways of collecting data to maintain utmost anonymity in data submission which will provide more confidence to members since data submission is voluntary

IEEMA uses this data effectively for showcasing status of Power Sector, updates on growth of electrical equipment industry and EXIM analysis highlighting key issues like threat imports & its adverse impact on the domestic industry. IEEMA also estimates Indian Industry size of major sectors of T&D based on this data with the help of experts from the division/industry.

IEEMA also circulates Import and export data for major electrical items collected from select ports made available by private agency with a very minimum time lag to get a fair idea of trend of trade and to alert members for any threat from imports. A professional agency associated with us periodically study EXIM the trend and advice members trade remedial measures.

Circulation of Prices and indices

In this year, PV clauses for Power and Distribution Transformer were revised and

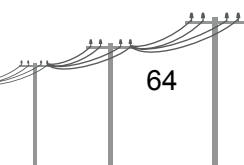
made operational after a lot of deliberations among division members on change in sources of CRGO and Steel. The process of Price Variation calculations for pending orders was also designed & communicated for smooth transition of revision of PV clauses. PV formula for Earth wire was also evolved & made operational

To further enhance the credibility and relevance of IEEMA PV circulars, a 'Watermark' on the background of PV circulars mentioning the entity to whom the download has been authorized is being introduced. A QR Code on the IEEMA PV circular containing the Company name and date of download of the PV circular is also embedded on each circular for traceability.

Statistics Reports and PV circulars are being published through a dedicated web site <http://publications.IEEMA.org>

PV Calculator

IEEMA has now developed an online PV Calculator portal (www.pvcalculator.IEEMA.org) where a user can get Certified Report of Price Variation by submitting key inputs. PV Calculator tool is further being enhanced to furnish final Price Variation as per Two stage



switch over method recommended by IEEMA when the PV clause is revised and to compare price variation as per actual date of delivery vs price variation as per contractual date of delivery.

Collaboration and Strategic Partnership with Counterpart Associations

11th Annual Convention and AGM of FAEMA (Federation of Asian Electrical Manufacturers Associations) @ ELECRAMA-2016

Date : 16th February 2016, between 1100 hrs to 1500 hrs

Venue : Hibiscus, Convention Centre of Bangalore International Exhibition Centre (BIEC), Bangalore

International Representation : CEEIA (China), JEMA (Japan), KOEMA (S. Korea), TEEMA (Taiwan)

IEEMA Vice President Smt. Indra Prem Menon welcomed the FAEMA delegates from CEEIA

(China), JEMA (Japan), KOEMA (S. Korea) and TEEMA (Taiwan) to the convention and invited them to also visit ELECRAMA post the day's program.

Shri Sunil Misra, Director General of IEEMA welcomed all the delegates to the FAEMA AGM, followed by a welcome speech by Smt. Indra Prem Menon, Vice President of IEEMA emphasizing on the long term cultural, economic and trade ties between China, India, Japan, Korea Taiwan. Where there was no doubt that FAEMA meetings have been a unique platform, it was felt there should be a more valuable outcome from this meeting, for all participating FAEMA members.

TEEMA has agreed to host the next FAEMA Convention & AGM i.e. the 12th FAEMA Convention and AGM that will be held concurrently with TAITRONICS in Taipei, Taiwan in October 2016.

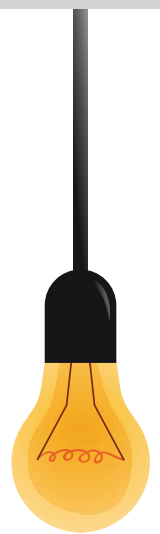
The themes for the next FAEMA Convention & AGM are as under:

Mandatory topic: Current status and trends of Energy Storage System

Optional topic: Future trends of how to manufacture electrical equipment.



FAEMA delegates from CEEIA at ELECRAMA 2016





ELECRAMA-2016: A power packed event

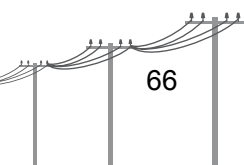
The 12th edition of ELECRAMA, the World's largest Transmission and Distribution Exhibition was a power packed event, which was held at BIEC, Bengaluru from 13th -17th February, 2016. The event witnessed the presence of who's who in the power industry both domestic and international. The five days international flagship event of IEEMA was inaugurated by Shri Piyush Goyal, Hon'ble Minister of State (IC) for Power Coal, New & Renewable Energy, Government of India, in the presence of the Energy Minister of State of Karnataka, Shri D K Shivakumar, Power Secretary, Shri P K Pujari, Coal Secretary, Shri Anil Swarup, State Power Secretaries, CMDs of Power Utilities, Senior officials of Ministry of Power, Shri Babu Babel, President, IEEMA, ELECRAMA 2016, Organising Committee Chairman, Shri Aaditya R Dhoot, senior bureaucrats and industry leaders.

The show provided the stakeholders in the power industry a worldview on technology, best practices, new systems and forecasting the trends in the future of electricity, both from the technology and a socio-economic point of view. The event is the largest and most prestigious event in its space in the world. Spread over a gross area of 84,000 m2, the exhibition hosted visitors from over 120 countries and overall more than 120,000 footfall. There were over 1000 exhibitors showcasing diverse products, technologies and solutions.

The 12th Review, Planning and Monitoring (RPM) meeting of Ministry of Power was held on the sidelines of ELECRAMA-2016 at BIEC Bengaluru. Present at the meeting where senior officials from the Ministry of Power, CPSUs, CEA representatives from State Government and Discoms. Hon'ble Minister of State (IC) for Power, Coal and New Renewable Energy also graced the occasion



Lighting Lamp, commencement of ELECRAMA-2016 The World Electricity Forum by Shri Piyush Goyal, Hon. MoS (IC) for Power, Coal and New & Renewable Energy with Shri Babu Babel, President IEEMA; Shri Sanjeev Sardana, Vice President IEEMA; Smt. Indra Prem Menon, Vice President IEEMA; Shri Aaditya R Dhoot, Chairman Elecrama 2016 and Shri Vijay Karia, Vice Chairman Elecrama 2016,





Ceremonial lamp lighting ceremony at International T&D conclave

by his presence in the meeting. Moreover the meeting witnessed the signing of six MOUs for “24X7 power for All” between Union Ministry and state governments of Maharashtra, Punjab, Sikkim, Odisha, Karnataka and Kerala on its inaugural day. Also, Gujarat signed the MoU for UDAY scheme of the Central Government. These MoU will help in strengthening the financial health of State Electricity Boards.

World Utility Summit

World Utility Summit was a pioneering thought leadership forum, attempted to set the agenda for the future, actively playing the role of a key enabler for the eco-system, to develop optimal solutions, technology and products. The summit was the first step in the long journey in order to create integrated and sustainable utilities of the future. The World Utility Summit was attended by CXOs of utilities, energy efficiency bodies, standards organizations, regulators, finance professionals

and policy makers from around the world. Hon'ble Railways Minister, Shri Suresh Prabhu inaugurated the World Utility Summit (WUS) during ELECRAMA 2016

Reverse Buyer Seller Meet

Reverse Buyer Seller Meet (RBSM), the biggest meeting place of International Buyers who plan to source electrical products and equipment from India concluded with \$400mn business at ELECRAMA 2016

International T&D Conclave

Along with ELECRAMA-2016, the International T&D Conclave was organized by IEEMA, which offered a platform for the power industry to discuss challenges and solutions with regard to the transmission and distribution sector. Hon'ble Minister of Heavy Industries and Public Enterprises of India, Shri Anant Geete inaugurated the International T&D Conclave during ELECRAMA 2016.



CIGRE Tutorials

One of the interesting concurrent events at ELECRAMA has to be the CIGRE Tutorials. This edition concentrated on five topics— Overhead Lines, Smart Grids, HVDC, Substations, HV Equipment.

Network2Networth

Being one of the first of its kind interactive platform — ‘NETWORK2NETWORTH’ — has been organized concurrently with ELECRAMA-2016 by IEEMA. The objective of this platform is to bridge the gap between the finance and power sector.

Innovation day- Engineer Infinite - ELECRAMA 2016

As a part of innovation day, EI16 (Short form of Engineer Infinite 2016) was the Student Project Competition running concurrently with ELECRAMA-2016 exhibition this competition was an opportunity to the students of engineering (Diploma, UG, PG and Research Scholars) to leverage their theoretical knowledge and creativity to address diverse real life issues that need attention, in the electrical energy sector.

ORGANIZING SEMINARS, WORKSHOPS AND TRAINING PROGRAMMES

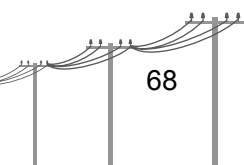
IEEMA Training Center organizes training programmes aimed at providing inputs to industry on technological, managerial and industry related topics, there by assisting them to gain competitive edge needed for the progress of the organization.

During April 2015 to March 2016, IEEMA Training Centers organized training programmes on the following subjects.

Topic	Location	Date
Seminar on "New Foreign Trade Policy 2015-20"	Delhi	6th May 2015
Seminar on "New Foreign Trade Policy 2015-20"	Mumbai	5th June 2015
Seminar on "Goods & Services Tax" (GST)	Mumbai	24th July, 2015
SME Workshop	Mumbai	7th August 2015
CE Marking & Update on System Certification	Mumbai	1st October 2015
Seminar on "New Foreign Trade Policy 2015-20"	Kolkata	9th October 2015
Winning Is My Birthright	Mumbai	18th November 2015
Developing Skill Standards - Mapping Job Roles & Evaluating Skill Gaps in Power Industry	New Delhi	4th December 2015
Smartly Managing Organization with Zed Quality at Competitive Costs	Mumbai	11th & 12th December 2015
Workshop on Skill Development Initiatives in Power Sector	Bangalore	11th December 2015
Seminar on "Goods & Services Tax" (GST)	Kolkata	22nd December 2015
Labour Laws & Statutory Compliances	Mumbai	8th January 2016

Inhouse Training Programme	Location	Date
"Augmenting Marketing Skills" for Executive Engineers of M/s Scope T&M's factory	Bhosari, Pune	8th October 2015

Organized at various locations across India, these programmes received enthusiastic response from industry and were appreciated by participants.







PRODUCT DIVISIONS REPORTS

Cable Division Report – 2015-16 Industry Size

Indian power cable industry is a matured industry and can manufacture cables up to 400 KV. The size of Indian Wires and Cable Industry is estimated at Rs. 39, 200 Crores in 2015-16,, registering about 20% growth over the previous year. Cable industry is the largest constituent of Indian power equipment sector.

The industry has reported increasing use of new technologies such OPGW cables with communication facilities, 400 KV and above cables for higher transmission which also reduces ROW issues, increasing use of Ariel Bundled cables for last line distribution, etc.

IEEMA Statistics - Production Trend		
NAME OF THE PRODUCT		
CABLE	Power Cables	Special Purpose Cables
UNIT	KM	000'CKM
Cumulative April to March		
2014-2015	473448	4866
2015-2016	507486	5369
% Variation 2015-16 over 2014-15	3.5	10.3
Previous Highest	434967	10289
Maximum Comparison	116.67	52.18

Number of Members in the Division

The total number of members in the Cable division is 120.

Division Meetings

Number of meetings held: 5 meetings (06 May 2015, 14 July 2015, 15 September 2015, 10 December 2015, 22 March 2016)

Summary of Division meetings: Objectives/ Key discussion points & achievements

The new financial year for the industry started on a good note with positive trends observed in last financial year with good OBP. Industry also witnessed new market opportunities evolving in the sectors like solar, wind, metro, etc. EHV market also witnessed growth due to lot of held up projects getting released. Overall industry saw better orders in western region.



There was a growth in capacities in LT segment. Funds position was good in states of Gujarat, Haryana, Punjab, and Maharashtra. Major demand for Ariel Bunched cables was observed in the state of Rajasthan.

Evolution of a new PV formula for Ariel Bunched cables in under discussion.

A technical committee comprising of 8 subcommittees was formed within the division as follows:

1. High Voltage
2. Control & Instrumentation
3. Accessories
4. Low Voltage
5. Wires- LDC
6. ABC – LT, HT, Overhead covered conductors
7. Elastomeric cables & Renewables
8. Testing and Future products

The mission of the Technical Committee is as follows:

- Function as a decision-making and problem solving body for all technical issues within the industry and stake holders
- Work towards the education and awareness of all stake holders
- To be a trusted source of technical information and create a cable guide / handbook on wire and cable products and standards
- Rectification and up-gradation of Standards wherever required
- Creation of standards for new applications
- Improving the image of Indian manufacturers globally
- Being recognized as the strong technical authority within the industry which can collaborate with various government body's of standards
- Co-ordination with BIS for better effectiveness
- Linking this committee with international communities like Europacable

Technical Specifications for CEA:

CEA had requested IEEMA Cable Division to propose technical specifications for LT AB cables of various sizes required under IPDS where specifications were not available. Technical committee drafted the specifications which were submitted to CEA.

Industry Issues:

Some of the issues faced by the industry are as follows:

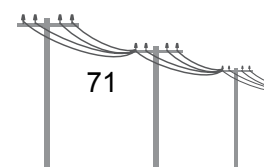
- One sided payment terms in HV segment
- IEEMA PV formula for Cables is not accepted by Railways as LME based PV is not being accepted by Railway Board.

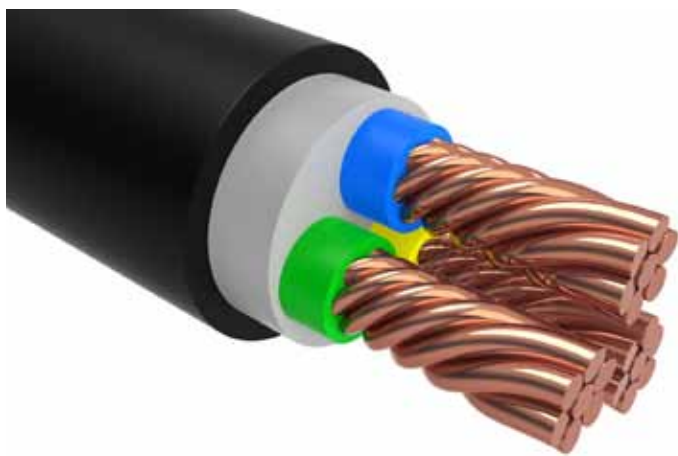
CAPACITOR DIVISION

- Industry Size: Rs. 568 crs
- Exports: Rs. 225 crs (estimated)
- Imports: Rs. 55 crs (estimated, including Project Imports)
- Number of Members in the Division: 34 organizations (including Capacitor manufacturers, manufacturers of accessories & component, EPC Contractors and others)
- Division Meetings: 29th April 2015 at Pune
24th July 2015 at IEEMA Mumbai office
5th November 2015 at IEEMA Mumbai office
12th January 2016 at IEEMA Mumbai office
4th March 2016 at ERDA, Vadodara
- Number of Division meetings : 05 (Five)
- Average Attendance : 8 (Eight)

Summary of Division meetings : Objectives Key discussion points & achievements

IEEMA has 20 product divisions, and under each division member manufacturers meet





once in a quarter and discuss the State of Industry, issues concerned with Indian or International standards (BIS/IEC), any representation to be made to government or any other stakeholder, discuss aspects of International Conferences as and when organised, providing Industry inputs whenever required.

Division was actively involved in following activities during FY 2015-16.

Formulating standards for products and systems

IEEMA Capacitor division actively participates in standards formulation as a step towards raising the industry standards in all Government Committees including BIS. Chairman, IEEMA Capacitor division is a principal member on BIS ET 29 (committee on power Capacitors for formulation of Indian standards for Capacitors and its related products).

IEEMA Capacitor division members jointly with BIS and CPRI formulated the Indian Standards for Low Voltage Automatic Power Factor Correction (APFC) Panels. Division contributed in drafting the standard, participating in technical discussions etc.

Division initiated activity with NRPC (Northern Region Power Committee under CEA) and prepared the product specifications for MV power capacitors. The final specifications have

been submitted to NRPC after continuous efforts by the division during last three to four years.

Preparation of Operation and Maintenance manual on Capacitors

The division presently is working on draft Operation and maintenance manual for capacitors highlighting the causes of all big failures/flashovers/sparkings that occurs in capacitor banks which are due to improper connections/improper clearances/improper protection settings. This will help to disseminate knowledge on usage and applications of capacitors at site.

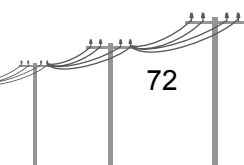
RDSO

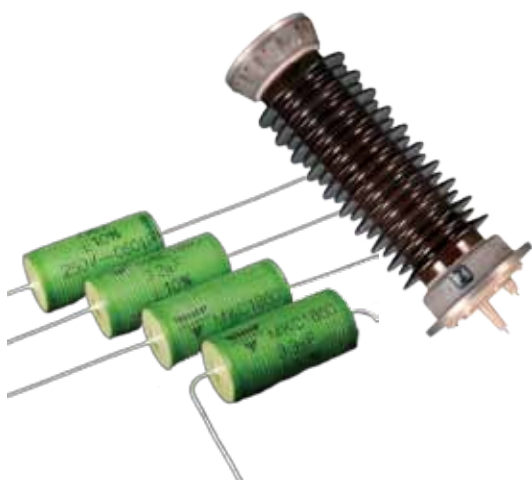
Members have been discussing on making a representation to RDSO to adopt new technology products instead of their ongoing old designs. A representation was raised to RDSO with proposal to revise the rating of the capacitor units for traction application from 220KVAR, 8KV to 366.7 KVAR, 13.3 KV. A delegation of Capacitor division members from ABB, Schneider, Shreem, EPCOS, Universal cables, Powercap personally met the RDSO officials and explained the qualitative and quantitative aspects of the revised specifications. RDSO is still to come back on the acceptance of the revised specifications.

Gaps in CPRI Testing

Division had few meetings with CPRI to understand the test gaps as per IEC/IS at their end. A consolidated list of gaps identified with respect to Testing as per IS, IEC and customer specific needs is submitted to CPRI. Division feels that though there are gaps in various types of test facilities such as: Limited range of ratings, non-compliance of test method to IEC, inadequacies in performing certain tests, CPRI is not open to accept these gaps. Division decided to escalate the matter through Executive council to work out the meaningful conclusions.

Division members visited ERDA to understand their test facilities.





Task force constituted on type tests

There was a common concern about “applicability and validity of type test reports” among various Indian customers (mainly power utilities). An internal committee was constituted within IEEMA with members from all divisions to seek their inputs. The Technical Committee of Capacitor division had compiled data on the subject of Type Testing for capacitors and has submitted the recommendations.

Increasing awareness amongst various stake holders on various aspects of power quality and benefits of power conditioning

The benefits of installation of capacitors are well understood and established but the actual installation is still lagging in India as compared to what would be required for optimal operation of our T & D network. With very high T & D losses and limited availability of good quality low cost coal, installation of capacitors is a very effective way of releasing MW that could be used to augment generation. The aspects and impact of various power quality issues is well understood and installation of power conditioning devices / capacitors is expected to improve the efficiency of entire system.

Division is working on the activity to create white paper on power quality for creating awareness amongst all stakeholders on the

importance of quality power. This will help in enabling policies for accelerated addition of capacitors / power conditioning devices by utilities as well as end customers which could be expected to go a long way in growing the size of this critical industry.

Production Statistics

IEEMA compiles production statistics each month for different ranges and types of capacitors from the data collected from manufacturers. This statistics is expected to help to analyze the Industry trend and facilitate strategic decisions by manufacturers and policy intervention by regulators. The power capacitors are manufactured domestically upto 1000 V with ratings upto 25KVAR and above under non self healing and self healing category. Above 1000v category ratings from upto 150KVAR to above 300 KVAR are covered.

The market size of this Industry as against the size of the overall T & D equipment industry is very low in India as compared to other developed countries. The Indian Capacitor industry represents a very small portion of the global Capacitor market. The weightage of Capacitor Industry is not even 1% compared to total Electrical Equipment Industry index.

IEEMA Statistics - Production Trend			
NAME OF THE PRODUCT			
CAPACITORS	LT Capacitors	HT Capacitors	Starting/Running Caps.
UNIT	000'KVAR	000'KVAR	000'Nos
Cumulative April to March			
2014-2015	28708	19381	68371
2015-2016	29711	19405	68806
% Variation 2015-16 over 2014-15	3.5	4.9	0.6
Previous Highest Annual Production	31958	22619	63847
Maximum Comparison Factor %	92.97	90.84	107.77



CONDUCTOR DIVISION

- Industry Size : INR 8,125 crs
 - Exports : INR 2,159 crs (estimated)
 - Imports : INR 386 crs (estimated)
 - Number of Members : 62 organizations in the Division
 - Division Meetings : 29th June 2015, New Delhi
22nd September 2015, New Delhi
15th December 2015, Gurgaon
14th March 2016, New Delhi
- Number of Division meetings : 04 (Four)
Average Attendance : 13 (Thirteen)



Summary of Division meetings: Objectives/ Key discussion points & achievements

Concerns on raising customs duty on Primary Aluminium Metal

Division raised a serious concern on raising customs duty on Primary Aluminium Metal.

Members met with Hon'ble Minister, Ministry of Commerce & Industry, Secretary, Mines and other concerned authorities requesting not to increase custom duty on Aluminium

as it is adversely affecting the downstream industries.

Further, IEEMA submitted a representations to the senior authorities on the same.

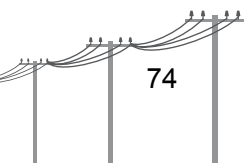
Export Incentive for Aluminium Conductor under new FTP

Members informed that Conductors were included under export benefit scheme in the last Foreign Trade Policy with 2% incentive. But, under the new Foreign Trade Policy 2015-2020, incentive in important regions and countries is being reduced from 2% to 0%, for example EU.

TPM was invited to understand the reasons of reducing the benefit under MEIS.

Subsequently, the following issues were also discussed with TPM:

1. Members deliberated on the Export-Import figures. Furthermore, members have advised TPM to incorporate few more HS codes which are related to Conductors.
2. Under the new Foreign Trade Policy FPS for Conductors is reduced from 2% to 0% in Group A and C countries.
3. Members informed that two raw materials namely INVAR and Carbon Composite Core are not produced in India. Case of Inverted Duty structure in INVAR was highlighted wherein the duty on Raw Material (core) is higher than Finish Product (Conductor).
4. No benefit has given to India in regard to imports from Chile under India – Chile (Southern America) agreement; whereas, China attract 0% import duty in Colombia (South America) & Central America.
5. Ministerial decree 167 wherein the manufacturers in GCC Countries are given Priority. Although, the approved decree refers to the term 'priority', in spite it is unilaterally imposed to benefit preferred domestic industry and to discourage foreign imports and to stifle competition between domestic and foreign firms.





Proposal to DHI for setting up an indigenous lab facility

Division felt a need to have an indigenous lab facility for overhead T&D network products and solutions.

Members met with Department of Heavy Industry, Ministry of Heavy Industries and Public Enterprises on testing facilities.

Further, IEEMA submitted a proposal to DHI on developing an indigenous lab facility for Overhead T&D network products and Solutions (Conductor and OPGW).

Exploring possibility of Conductor Training Centre at Silvassa

Division invited representative of National Skill Development Council to interact with members on the possibility of setting up training centers, particularly at Silvassa where lot of Conductor manufacturing facilities have been set up.

NSDC representative was called to provide detailed information on the subject. Discussions were held to explore the possibilities/areas to train the manpower in Silvassa.

Members also discussed on PanIIT Alumni Reach for India (PARFI), supported by NSDC to explore the other possibilities also.

Price Variation formula for HTLS

Members felt the need to have a Price Variation Formula for HTLS (Invar). Subsequently, a committee was formed to evolve a PV formula.

Committee met and deliberated on several occasion and evolved a PV formula for HTLS.

The same is under discussion with the Utilities.

CPRI Testing Facilities

It was noticed that CPRI testing facilities issue is across all the Product Divisions.

Subsequently, a consolidated representation on gaps in testing facilities at CPRI was represented to CEA for taking necessary actions on the same.

CEA Technical Committee

CEA formed a Technical Committee to discuss and rationalize the effective use of new generation High Performance Conductor (HPC) in Indian Transmission and Distribution system.

CEA invited participation from IEEMA Conductor Division for the technical committee. The first meeting of the CEA Technical Committee was held on 29th January 2016.

CEA advisory on domestic funded projects

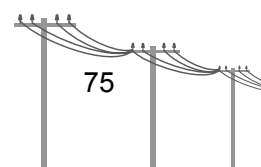
CEA invited REC, PFC and IEEMA for a joint meeting on 21st September 2015 inviting. The meeting was chaired by Member (Power System).

The discussion was on usage of High Performance Conductors in Indian Transmission and Distribution System. It was also discussed that as the domestic manufacturers have invested heavily in technology transfer from their principals or have developed technology indigenously, utilities should be advise that in domestically funded projects of Ministry of Power or Central Public Sector Undertakings (CPSUs) or projects funded by REC and PFC or by state utilities, the procurement of equipments should be made from domestic/ local manufacturers through Local Competitive Bidding only.

Subsequently, CEA issued such advisory on 5th October 2015.

Sub-Committee of Hardware & Accessories

Sub-committee met four times during the year and deliberated on the crucial points of T&D





Hardware and Accessory industry.

- To increase membership
- To tackle Hardware Imports
- To review experience clause for new Conductor Hardware accessories
- Revision/ Updation of existing Standards
- Non-Tariff measures like mandatory standards
- Skilling of manufacturers' workforce to international level
- Formats for commercial issues such as C-form, PVC etc.
- To identify obsolete standards for revision.

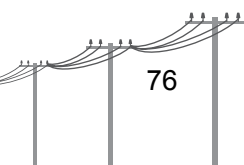
Sub-committee has also identified the pain areas in the execution of their projects with EPC contractors. Sub-committee prepared and submitted a draft guidelines for the same to IEEMA T&D Projects Division. This will address key issues among the EPC contractors and equipment suppliers.



Representations were:

- Representation to Powergrid requesting to change in PV formula for Conductor, change in indices to LME, to allow for returnable steel drum and highlighting variation in USD for HTLS Tenders.
- Representation to Secretary, Finance requesting to review Industry Rate of Duty Drawback for Aluminum Conductor for 2015-16.
- Representation to CEA requesting to include Vendor development program for HTLS tenders.
- Representation to Secretary, Commerce, Secretary, Revenue, Secretary, DHI and Director General, DGFT requesting not to increase custom duty on Aluminium.
- Representation to Utilities to initiate a discussion regarding frequent price fluctuation in Aluminium prices.
- Representation to CEA requesting to advise utilities to procure equipments from domestic manufacturers through local competitive bidding only.

IEEMA Statistics - Production Trend		
NAME OF THE PRODUCT	CONDUCTOR	AAC/ASCR/AAAC
UNIT		MT
Cumulative April-March		
2013-2014		331629
2014-2015		384278
% Variation 2014-15 over 2013-14		15.9
Previous Highest Annual Production		417015
Maximum Comparison Factor %		92.15





ELECTRICAL INSULATING MATERIALS

- Industry Size : Rs. 2,000 crs
- Number of Members : 41 organizations in the Division
- Division Meetings : 18th June 2015, Mumbai
18th August 2015, Mumbai
16th December 2015, Mumbai
16th March 2016, Mumbai
- Number of Division meetings : 04 (Four)
- Average Attendance : 10 (Ten)

Summary of Division meetings: Objectives/ Key discussion points & achievements

- Business in the last two to three years has been stagnant in the electrical equipment sector.
- Growth in defence is around 30%.
- Members mentioned that Solar segment looks promising and is likely to grow manifold in the near future.
- Members are also expecting major growth from the railway electrical equipments business from insulation materials sector.
- Smart cities – New initiative by Government might help in future orders.
- Price pressure continues.
- Members indicated that down the line 2 years from now, wind generation sector might grow in a big way creating a bigger market for insulation sector.
- Members suggested that the division should tie-up with ERDA on a concept similar to the current tie-up with UL on IEIS. Accordingly, the next division meeting has been proposed at ERDA and ERDA has accepted to host the meeting for further discussion.

- Few Members have also expressed concerned over low cost low quality imports from China. This needs to be deliberated further.
- Joint Meeting with Rotating Machines Division was organized to understand their expectations from the Insulating Materials Manufacturer.
- Similar joint meetings with other user divisions are proposed.

IEEMA Electrical Insulation System (IEIS)

IEIS is a comprehensive insulation systems formed by combining individual products, where-in UL has assigned a file number which is available to manufacturers of rotating machines for their certification at a nominal fee. Currently there are 16 organizations who have been licensed to use this file (UL File : E318161)

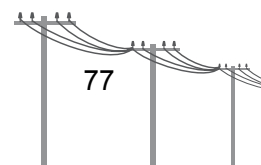
Electrical Insulation Technology (EIT) Course

EIT is a course offered for working professionals in the Electrical Industry related to Insulation Technology. This course was designed by various stalwarts from the Insulation industry keeping in mind the constant updates and fluctuations. Currently, this course is being revamped.

ELEVATORS & ESCALATORS

IEEMA Executive Council in August 2015 approved revival of the "Elevators & Escalators" Division, with a minimum mandatory critical mass of 6 organizations for the purpose of functioning of the division. The division was in dormant state for more than 10 years, and leading member manufacturers have been requesting to re-start this division for some time.

Post revival of the division, two division meetings were held; first one at IEEMA Mumbai office and the 2nd meeting at Bombay Exhibition Centre on the sidelines of IEEE expo 2016 (International exhibition on Elevators &





Escalators) on 5th Jan 2016 and 17th March 2016.

In the first meeting, apart from briefing members about IEEMA, membership admission process, divisional working ethics/ rules & regulations; members deliberated on the Objective forming the division and Issues being faced by the industry. The same are reproduced below.

Objectives

1. To bring in more representation of manufacturers on the division
2. Helping the industry to resolve various issues and promote the industry
3. Issues affecting delays and cost escalations
4. Every state has different Lift Act & Rules related to installation and maintenance. The same needs to be streamlined.
5. Ambiguity in the Tax - both Central Tax like Excise duty, Service Tax and State level taxes like VAT.
6. Issues related to operations and contract labours on a State level basis.

2nd meeting in March 2016 was attended by 20 officials including 11 invitees from 7 non-member organizations; mostly MNCs. It was in principle decided to compile production data of Lifts on periodic basis. Members desired details from IEEMA on confidentiality of data and details about IEEMA's compliance to competition act rules/regulations. This will help them to convince their management for data submission.

INTERNATIONAL BUSINESS DIVISION

In the fast changing scenario of Global as well as Domestic economy, IEEMA International Business Division envisages to play a catalytic role in linking IEEMA with multiple stakeholders across the globe and projecting Indian Power industry as a stable and dependable partner, with an aim to access more markets and create B2B opportunities for membership.



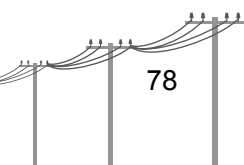
Shri Vishnu Agarwal, Past President IEEMA with Smt. Nirmala Sitharaman, Minister of State (Independent Charge) for the Ministry of Commerce & Industry at Hannover Messe 2015

The Division focuses on :

- Promoting international Cooperation
- Supporting progress of Power industry in trade, investment and related issues
- Promoting global connectivity for Indian industry
- Creating ground support for Indian industry in different countries through linkages
- Developing market access for Indian exporters
- Building people-to-people contacts with countries to enhance trade
- Providing investment into India
- Promoting Brand India

IEEMA International Business Division undertakes activities to connect Indian business with global business. Such activities include meeting the Heads of State and Government, decision-makers, networking with counterpart organizations, multilateral and academic institutions and other bodies.

To disseminate vital information related to markets. International events are organized as a part of its global business networking initiatives.





Singing of MoU at Hannover Messe 2015

Trade fairs, seminars, overseas missions, and conferences also develop strong contacts. Meetings with visiting delegations are also organised.

The Division is committed to stepping up its engagement with the Countries which are the potential markets for its Membership.

To access new markets and collaborate at the International Arena, IEEMA had participated in the following International Events :

Hannover Messes April ' 2015 - The world's largest industrial fair at Hannover where India was granted the coveted Partner Country status, was inaugurated by the Prime Minister of India along with the German Chancellor.

With the 'Make in India' theme splashed all over, the Indian presence is pre-dominantly visible all over the ground and the city of Hannover. It was from 13 -17 April 2015.

IEEMA had partnered with Department of Heavy Industries and also facilitated 10 member companies in their participation. The IEEMA delegation was led by Shri Vishnu Agarwal, President IEEMA along with Shri Babu Babel Vice President, IEEMA and Shri Anil Saboo Chairman International Division. The highlight of the visit was participation at the seminar Make in India: "Opportunities in Electronics and Electrical Sectors"- The New Sunrise" on 14th April 2015 at Hannover Germany.

During the visit two MoUs were signed, one with ZVEI, which is an identical counterpart association of IEEMA in Germany and the second with European Business and Technology Centre (EBTC). Both the MoUs are expected to benefit IEEMA Membership in future. These MoUs were signed in the presence of Hon'ble Minister of State for Commerce and Industry, Smt Nirmala Sithraman. Shri Rajeev Kher, Secretary, Ministry of Commerce and Shri Ravi Capor, Joint Secretary Commerce were also present.

On the side lines President IEEMA also participated in a seminar organized by the city government of Moscow. Other than the international visitors at the IEEMA stall prominent Indian bureaucrats and political leaders also interacted with IEEMA. Prominent being Shri Akhilesh Yadav, Chief Minister of Uttar Pradesh, Shri Rajeev Kher, Secretary Ministry of Commerce, Shri Rakesh Garg, Secretary Ministry of IT & Telecommunications, Upendra Tripathi Secretary MNRE, Shri Shankar Agarwal, Secretary Ministry of Labour and Employment, Shri Rajan Katoch, Secretary Department of Heavy Industries, Shri Visvajit Sahay and Shri Ravi Capor, Joint Secretary, Department of Commerce.

An environment of enthusiasm, promising exchange of ideas and investment in the new



resurgent India prevailed at the India Pavilion that was crafted to portray the economic potential of the country's most fertile sectors- biotechnology, renewable energy, space, IT & BPM, industrial corridors and smart cities, wellness, and the demographic dividend it aims to reap.

15th African Utility Week May ' 2015 - The 15th Annual African Utility Week (AUW), Conference and Exhibition, a show dedicated to electricity and water, was held in the city of Cape Town in South Africa. AUW, organised by Spintelligent – Publishers of ESI Africa and other publications, is Africa's leading trade exhibition for the power and water sector and provides business opportunities for solution providers, utilities and large power users.

AUW was held from 12th to 14th May 2015 at the Cape Town International Convention Centre. The entire show offered a combination of presentations through various workshops, discussion panels, networking opportunities and off course the main exhibition, where about 260 exhibitors in 3 halls displayed their products and technologies.

The exhibition and conference focussed on areas like transmission & distribution / smart grids, generation, metering, clean power,

water, large power users, investment and finance. Eskom, the largest power utility in Cape Town was the host utility for AUW. The target audience was officials of power and water utilities of Africa and provided a platform for organisations in the power and water sector to find solutions to current challenges and optimise performance. Around 5,000 power and water professionals from across the world attended the event.

The 15th African Utility Week hosted special country pavilions for South Korea, Norway, Germany, Italy and USA having USA as the partner country, besides special pavilions for The Southern African Asset Management Association (SAAMA) and The South African Electrotechnical Export Council (SAEEC).

The objective of IEEMA's participation in the 15th AUW was to promote 3rd RBSM, being organised concurrently with ELECRAMA-2016, amongst visitors, official delegates and participating exhibitors of AUW, comprising of senior officials from power utilities, government power/energy ministries, EPC contractors, energy regulators, consultants, equipment buyers etc. from South Africa and other African countries and to encourage them to register as buyers for RBSM.





IEEMA had a 18 sq. mtrs. Stall (3 side open) which was suitably set up, with a bright colour scheme, with necessary collaterals like brochures of ELECRAMA and IEEMA; RBSM fliers and forms, pictorial depiction and posters on ELECRAMA; along with other facts and figures of Indian electrical equipment industry.

The IEEMA stall was manned by two Secretariat officials, Shri Shahid Akhtar (Africa Champion) and Shri Sudeep Sarkar (RBSM Champion). Shri Vikas Jalan, Member, IEEMA Executive Council and ELECRAMA-2016 Organising Committee, was also present as an exhibitor and interacted with many delegates, visitors and exhibitors on behalf of IEEMA.

Over the three days of the exhibition, the IEEMA stall was visited by over 150 visitors and delegates, including several officials from power utilities, energy ministries, EPC contractors, energy regulators, consultants, equipment buyers of South Africa, Ghana, Kenya, Madagascar, Malawi, Namibia, Sudan, Tanzania, Uganda, Zimbabwe, Mozambique, Nigeria, Cameroon, Tunisia, Zambia etc.

South African Delegation Interactive session with IEEMA Members 26 February 2016; New Delhi

South African delegation comprising of electrical and infrastructure development companies met a few IEEMA members today at IEEMA New Delhi office.

The interactive session was chaired and led by Shri Sunil Misra, Director General IEEMA. The discussions revolved around measures to ensure bilateral trade relations strengthened between the two countries.

There is a dearth of skilled labor in their country and they seek support from IEEMA to facilitate and impart skill development programmes in sector specific areas through NSDC and PSSC.

The session concluded on a very positive note, were both the sides are looking forward to a fruitful long term relationship.

INSTRUMENT TRANSFORMERS

Industry Size:

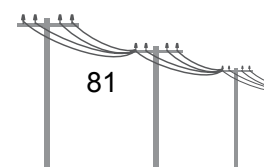
The Instrument Transformers industry in India manufactures current transformers and voltage transformers of various rating from 0.66 KV to 765 KV, for indoor and outdoor applications. The industry also exports instrument transformers in the range of indoor upto 36 KV and outdoor above 12 KV. Over the past few years, the industry has also demonstrated its capabilities by manufacturing 1200 KV CVT for 1200 KV test station by PowerGrid at Bina, Madhya Pradesh. The estimated value of instrument transformer industry is about 1100 crores; comprising for CTs and VTs.

Number of Members in the Division:

The total number of member companies subscribing to the division are 67.

Division Meetings:

- **Number of Division meetings:** The total number of division meetings held in FY 2015-16 were 3 and they were held on 9th April 2015, 19th August 2015 and 10 December 2015.





- Summary of Division meetings: Objectives/ Key discussion points & achievements

Beginning of the year marked a rise in export segment however, the requirement in domestic segment was observed to be flat. Since 2nd CRGO import was banned, there was a rise in the prices for first CRGO. With GIS requirement growing, 765 KV / 400 KV segment maybe most affected.

MV segment witnessed good flow of orders due to lot of solar projects. There was improvement in demand in distribution segment. Overall, the industry saw an improvement in orders, however exports to some countries like USA, Africa was observed to be declining.

Some issues faced by the industry are as follows:

- Utilities imposing all expenses towards inspection to the manufacturers.
- Extension of payment terms
- Some of the Utilities (Meghalaya) accepting only CPRI test certificates. Amended later to confirm the acceptance of ERDA Certificates.
- Some of the Transmission utilities are insisting on NABL accreditation for In-house testing.
- Full-fledged testing facilities are required at CPRI Noida also. The Existing CPRI Bangalore should have complete testing facilities to cover the requirements of latest IEC / IS .
- Many utilities asking for shorter delivery of 2 months from PO whereas the drawing approvals are generally received in 2/3 weeks or even more. Also transit time for delivery is minimum 2 weeks. Hence normal delivery time should be considered from the date of receipt of drawing approval rather than from the date of PO.
- Some boards like RRVPNL mention in their tenders that they will not pay for variations in statutory duties.

- Availability of porcelain insulators is issue
- Inadequate type testing facilities in India to meet National/International standards requirements

To carry forward the exercise of standardisation of specifications which was initiated before FY 15-16, technical committee was formed comprising following members:

Technical committee members: Shri Jayaprakash (Alstom T&D) – Convener of the Committee, Smt. Geeta Joshi (ABB Ltd.), Shri Vikas Patharkar (Lustre), Shri Uday Samvatsarkar (CGL), Shri Yuvraj Kolge (Pragati Electricals), Shri Rajsekharan Nair (Instrans).

Long term objective: to meet the customers and create awareness about the standardised specifications. If required, make representation to CEA and MOP.

Since tenure of then chairman Shri Jayaprakash Padavath, Alstom T&D India was complete, it was the time for change in the chairmanship. Vice Chairman of the division Shri Vidyadhar Shevade, Crompton Greaves Ltd took over as the new chairman of the division.

Divisional Events / Conferences: Nil

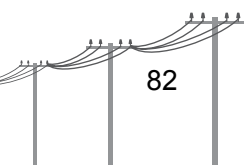
- Objective of the Event: Nil

Representations

Non acceptance of test reports other than CPRI by KPTCL

The above issue was discussed in one of the executive council meetings and then chairman of the division Shri Jayaprakash presented the subject. In the same meeting, KPTCL officials were also invited. Other testing institution ERDA had a meeting with managing director KPTCL and BESCOM. KPTCL MD agreed to visit ERDA facilities and also informed that they will look into the matter and need some time.

After meeting with MD of BESCOM, he instructed Director (Technical) to form a



committee with former Chairman of KEB, former Vice Chancellor of VTU as members along with DT and two other senior officers from BESCOM and study ERDA's case.

Key Outcomes

The said committee visited and reviewed ERDA facilities and with the due recommendation given, KPTCL then started accepting ERDA reports.

IEEMA Statistics - Production Trend		
NAME OF THE PRODUCT	CURRENT TRANSFORMERS	VOLTAGE TRANSFORMERS
UNIT	000'Nos	Nos
Cumulative April-March		
2014-2015	658	105363
2015-2016	705	100973
% Variation 2015-16 over 2014-15	7.1	.4.2
Previous Highest Annual Production	660	106.82
Maximum Comparison Factor %	114488	88.20

INSULATORS

Industry Size : INR 2042 crs

Exports : INR848 crs (estimated)

Imports : INR1329 crs (estimated)

Number of Members in the Division : 40 organizations

Division Meetings : 23rd June 2015, Delhi

6th October 2015, New Delhi

8th January 2016, Bikaner

10th March 2016, Kolkata

- Number of Division meetings : 04 (Four)

- Average Attendance : 10 (Ten)

Summary of Division meetings: Objectives/ Key discussion points & achievements

Activities under Technical Committee

It was informed that BIS Electro Technical Committee (ET 06) discussed about some non-existing standard and reviewing/ comparing of some old existing standards with IEC. The tasks was assigned to IEEMA.

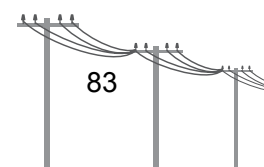
IEEMA Insulator technical committee met on several occasions, reviewed the standards and send the compiled comparative analysis to BIS ET 06 for their further action.

PV Clause for Composite Insulator

Members felt a need of having a Price Variation Clause for Composite Insulators. Accordingly, in consultation with Committee members, Secretariat had developed a Price Variation Clause for Composite Insulators.

A representation has been made to PGCIL and SEBs, requesting for incorporating IEEMA PV clause for Composite Insulators in upcoming tenders.

Madhya Pradesh utilities have included IEEMA PV clause for composite insulators in their tender document.





Pilot Project at Bikaner on Ball Clay for Insulator Industry

IEEMA met DHI to prioritize some action points out of the entire recommendations of the Mission Plan 2012-22 for Indian Electrical Equipment Industry.

DHI called IEEMA and other stake holderson 20thJuly 2015 to deliberate on the prioritized points and converted them into Short and the Medium term action points.

The following Mission Plan recommendation was one of the Short term action points related to Insulators:

Mission Plan Recommendation:

"4.2 Secure Supplies of Critical Raw Material / Key inputs

Ministry of Mines, through the Indian Bureau of Mines, may initiate special scheme to assist clay miners in using beneficiation and other techniques to improve the quality of clay required for insulators. This can be provided by giving

(a) technology support on clay blending and treatment; (b) setting up of a sophisticated lab, which can be accessed by the miners for testing; (c) training on quality systems and control practices **(Refer para 4.2, 4.2.4, 4.2.4.1)"**.

Action Point decided in the Meeting:

"To improve the quality of Clay required for Insulators, IEEMA Insulator Division to prepare a pilot project and submit to the administrative deptt (DIPP) for funding of the same under Industrial Infrastructure Upgradation Scheme (IIUS) within the stipulated timeframe."

IEEMA Insulator Division discussed within the membership and prepared a proposal on the same. Further, it was submitted to DHI for review.

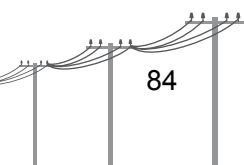
Representations made:

Representation to CEA requesting to advise utilities to procure equipments from domestic manufacturers through local competitive bidding only.

IEEMA Statistics - Production Trend			
NAME OF THE PRODUCT			
INSULATOR	Disc Insulators	Solid core & Long Rod (Porcelain and Polymer insulators)	App based Insulators
UNIT	Nos.	Nos.	Nos.
Cum /Mat Production			
2014-2015	7244232	464941	1390373
2015-2016	7569238	580118	867303
% Variation 2015-16 over 2014-15	4.5	24.8	37.6
Previous Highest Annual Production \$	11488905	607063	2250260
Maximum @ Comparison Factor %	65.88	95.56	38.54

METER DIVISION

- Industry Size: Rs. 3000 Crs
- Exports: Rs. 492 Crs (estimated)
- Imports: Rs. 19 Crs (estimated)
- Number of Members in Division:
- Divisional Meeting: 3rd June 2015, New Delhi
23rd September 2015, New Delhi
28th October 2015, New Delhi
28th January 2016 , New Delhi
2nd March 2016. New Delhi
- Number of Divisional meetings: 5 (Five)
- Average Attendance: 11
- Technical Committee meeting:



Summary of division meetings: Objectives key Discussion points and achievement

- Technical committee comprising of Industry experts was revived to work specifically on technical aspects.
- IEEMA was actively involved with CEA in drafting Smart Meter Specifications for IPDS and DDUGJY
- Actively participated in several meetings held at CEA on finalizing the Smart Meter specs.
- Actively participated in BIS ET13 meeting in finalization of BIS standard
 - a. IS16444
 - b. IS15959 part II
- IEEMA also tried to develop the tenderable specs for AMI, which was submitted to Division later.
- IEEMA meter division has contributed in development of Smart Meter specification for PGCIL.
- IEEMA meter division has suggested PGCIL for vendor evaluation criteria for selection of vendors.
- Division has raised the industry concerns (payment, LD, PBG etc) from time to time.
- Initiated activities for one of the most prestigious event of metering industry – “METERING INDIA 2017” which is scheduled on 6th and 7th April 2017.

Representation Made:

Representation submitted to HPSEB on 12th May 2015 related to changes in energy meter specification.

Representation submitted to MPPKVVCL on 12th May 2015 related to commercial term & conditions of meters .

Metering India 2015: The 6th edition of Metering India 2015 seminar was held on April 22-23, 2015 at hotel Le Meridien New Delhi. The theme for Metering India 2015 was *The Smart Indian Dimension*, the Seminar was

attended by over 400 participants representing more than 123 organizations comprising Utilities, Consultants, Franchisees, Institutions, Testing Labs, System Integrators, Regulators, Solution providers and Manufacturers.

Shri B. N Sharma, Joint Secretary, Ministry of Power, Govt. of India graced the occasion as chief guest. Shri R.K Sharma , CMD, REC delivered the key note address.

Shri P.K. Mukherjee and Shri Kamlesh S Dave. was honoured for their special contribution to Metering.

Shri Jonathan Mistry from Schneider Electric was facilitated with first best paper award, Shri Vishal Natani from BSES Rajdhani Power with second best paper award. Third best paper award was given to Dr. Anukram Mishra of L+G.

IEEMA Statistics - Production Trend		
NAME OF THE PRODUCT		
METER	Energy Meters	M.D.I.
UNIT	000'Nos	Nos
Cumulative April-March		
2014-2015	26386	1851
2015-2016	29271	1792
% Variation 2014-15 over 2015-16	10.9	-3.2
Previous Highest Annual Production	22643	23020
Maximum Comparison Factor %	129.27	7.78

POWER GENERATION SYSTEMS

- Industry Size: 19000 Crore (Source: DIPP)
- Number of Members in the Division: 25 Organizations
- Division Meetings:
 1. 11.08.2015 (IEEMA Delhi)
 2. 20.10.2015 (IEEMA Delhi)
 3. 15.03.2016 (IEEMA Delhi)
- Number of Division Meetings: 3 (Three)
- Average Attendance: 10 (Ten)



Summary of Division Meetings: Sector Overview, Objectives/ Key discussion points and achievements

Sector Overview: The Overall generation in the country has been increased from 1048.673 during 2014-15 to 1107.386 BU during the year 2015-16. The Category wise generation performance as follows:-

Thermal Increased by	7.45 %
Hydro Reduced by	6.09 %
Nuclear Increased by	3.63 %
Bhutan Import Increased by	4.72 %
Overall Growth rate recorded by	5.64 %

Based on the Government data, power supply position in the country has generally improved during the current year (2015-16). During the current year (April 2015 to March 2016), the demand-supply gap in terms of energy has reduced to 2.1% from 4.0% during the corresponding period of the previous year. Similarly, the peak shortage in the country has reduced to 3.1% during the period April 2015 to March 2016 compared to 4.7% during the corresponding period of the previous year.

Coal continued to remain the mainstay of electricity generation in the country. During the year 2015-16, the generation from coal based (incl. lignite) power plants was 896 BU, which is more than 80% of the total electricity generation of 1108 BU. In the current year, coal based (incl.

lignite) power based generation had a growth of 7.2% over previous year. Import of coal was used to bridge the gap between requirement of coal and its availability from domestic sources. However, due to the increased coal production by CIL and SCCL, the dependence on imports has significantly reduced.

Electricity Generation for March 2016 (BU)				
Type	Achievement	Targets	Achievement	% of
	2014-15	2015-16	2015-16	2015
Thermal	878.32	966.70	943.79	107.45
Nuclear	36.10	38.00	37.41	103.63
Hydro	129.24	128.00	121.38	93.91
BhutanImport	5.01	4.80	5.24	104.72
AllIndia	1048.67	1137.50	1107.82	105.64
Source - CEA				

All India Installed Capacity(MW) Sector-wise season 31.03.2016					
Sector		Central	State	Private	AllIndia
Thermal	Coal	51,390.00	64,320.50	69,462.38	185,172.88
	Gas	7,555.33	6,975.30	9,978.00	24,508.63
	Diesel	0.00	438.57	554.96	993.53
	Total	58,945.33	71,734.37	79,995.34	210,675.04
Nuclear		5,780.00	0.00	0.00	5,780.00
Hydro		11,571.42	28,092.00	3,120.00	42,783.42
RES		0.00	1,963.81	40,885.57	42,849.38
G. Total		76,296.75	101,790.18	124,000.91	302,087.84
Source - CEA					

Key Discussion points:

Lower utilization of Capacity of Domestic manufacturing: The industry felt that the current domestic manufacturing capacity is underutilized and there is a need to revive the held up projects and tap the latent demand, so that the capacity can be utilized. Some of the option which were discussed would create enhanced demand was retirement of old and inefficient plants and exploring new international markets for exports.

A committee was formed in CEA which have identified more than 25 plants which need to be retired and to be replaced with new efficient plants. This would create new



capacities. Same is being pursued with Ministry of Power.

Phased Manufacturing Program:

One of the key discussed points were extension of PMP Advisory of CEA which got expired in October 2015. In this regard Power Generation division members met Ministry of power and Central Electricity Authority officials where it was discussed and deliberated the need for extending the PMP further for a period of three years.

The government has considered the request of extending the PMP advisory and will soon be releasing it.

White paper for Power generation Equipment Industry: A committee is being constituted where important parameters which impacting the Generation Industry growth was deliberated. The discussions were in final stages and the report will be published soon.

Representations made:

Representation submitted to Ministry of Power and CEA for early extension of PMP advisory.

Power Supply Position (Energy & Peak) in March 2016- (Source – CEA)



Region	Energy (MU)				Deficit(%)	
	Requirement		Availability			
	Mar'15	Mar'16	Mar'15	Mar'16	Feb'14	Feb'15
Northern	22533	25369	21606	24256	-4.1	-4.4
Western	25131	30519	25055	30500	-0.3	-0.1
Southern	26266	27798	25683	27500	-2.2	-1.1
Eastern	10331	11092	10188	11068	-1.4	-0.2
North Eastern	1169	1196	1097	1164	-6.2	-2.7
AllIndia	85430	95974	83629	94488	-2.1	-1.5

Region	Power(MW)				Deficit(%)	
	Peak Demand		Peak Met			
	Mar'15	Mar'16	Mar'15	Mar'16	Feb'14	Feb'15
Northern	40986	40134	38423	38699	-6.3	-3.6
Western	43580	44528	43145	44329	-1.0	-0.4
Southern	38548	40445	37047	39875	-3.9	-1.4
Eastern	17040	17968	16932	17733	-0.6	-1.3
North Eastern	2403	2442	2131	2367	-11.3	-3.1
AllIndia	142557	144077	137678	141588	-3.4	-1.7

RENEWABLE ENERGY

Number of members in the Committee: 55 Organizations.

Committee Meetings:

- 5th May 2015 , Mumbai
- 5th August 2015 , New Delhi
- 23rd October 2015 , Mumbai
- 15th January 2015 , New Delhi

Number of Committee meetings:

4 (Four) numbers

Average Attendance: 11 (Eleven) organizations.

Summary of Committee Meetings: Sector Overview, Objectives/Key Discussion Points

Sector Overview:

India has an estimated renewable energy potential of about 900 GW from commercially



exploitable sources viz. Wind – 102 GW; Small Hydro – 20 GW; Bio-energy – 25 GW; and 750 GW solar power, assuming 3% wasteland is made available.

The Government has up-scaled the target of renewable energy capacity to 175 GW by the year 2022 which includes 100 GW from solar, 60 GW from wind, 10 GW from bio-power and 5 GW from small hydro-power. The capacity target of 100 GW set under the National Solar Mission (JNNSM) will principally comprise of 40 GW Rooftop and 60 GW through Large and Medium Scale Grid Connected Solar Power Projects. With this ambitious target, India will become one of the largest Green Energy producers in the world, surpassing several developed countries. Over the years, renewable energy sector in India has emerged as a significant player in the grid connected power generation capacity. It supports the government agenda of sustainable growth, while, emerging as an integral part of the solution to meet the nation's energy needs and an essential player for energy access. It has been realized that renewable energy has to play a much deeper role in achieving energy security in the years ahead and be an integral part of the energy planning process.

A large domestic manufacturing base has been established in the country for renewable energy systems and products. Companies investing in these technologies are eligible for fiscal incentives, tax holidays and depreciation allowance apart from the remunerative returns for the power fed into the grid. Many countries have evinced interest in cooperation with India for promotion of new and renewable energy. India has considerable expertise and experience in promoting renewable energy, both grid interactive and off-grid/stand-alone applications for meeting electrical energy needs. India has been interacting with several developed and developing countries for cooperation in new and renewable energy sector.

Installed Grid Interactive Renewable Power Capacity in India as of March 30, 2016	
Source	Total Installed Capacity (MW)
Wind Power	26,866.66
Solar Power	6,462.85
Biomass Power	4,531.33
(Biomass & Gasification and Bagasse Cogeneration)	
Small Hydro Power	4,273.47
Waste-to-Power	115.08
Total	42,249.38

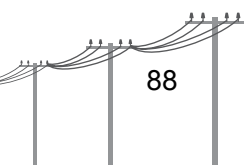
Objectives and Key Discussion points:

Cheap imported Panels/Modules: Members discussed the issue of cheap imported panels and modules being imported from China and other countries which is substandard and inefficient. The matter is also discussed with testing labs, government agencies and standardization agencies and a way to restrict the substandard modules and panels is devised by way of standards and by doing comparative study of imported panels.

BIS Committee- ET 28 and ET 46 : IEEMA members actively participated in the two committees of BIS ; ET 28 for Solar photovoltaic and ET 46 for Grid Integration and provide key inputs in standards formulation process.

Pre budget Memorandum: Renewable Committee member suggested that government should lay focus on Make In India concept, simplifying ease of doing business procedures, priority sector lending for Renewables and deemed export benefits which is very well accepted by government agencies

Renewable Energy Pavilion at ELECRAMA 2016: Renewable Energy committee members supported the initiative of IEEMA for having a dedicated Renewable Pavilion at ELECRAMA 2016 and participated in the exhibition with great enthusiasm by exhibiting and attending the event.



ROTATING MACHINES

- Industry Size : Rs. 6360 Crs
- Exports : Rs. 2205 Crs (estimated)
- Imports : Rs. 1703 Crs (estimated)
- Number of Members in the Division: 51 organizations
- Division Meetings: 14th May 2015, Mumbai
18th August 2015, Mumbai
20th November 2015, Mumbai
20th January 2016, Bengaluru
- Number of Division meetings : 04 (Four)
- Average Attendance : 15 (Fifteen)

positive. Manufacturers and customer focus is now shifting to Energy Efficient motors and the industry is now moving towards IE2 and IE3 motors.

IS 12615 Mandatory for IE2 Motors.

Division persuaded the government departments for making IS 12615 Mandatory in the country so that Nation can be benefitted with energy efficient motors. In this process multiple representations and meetings were done with DIPPI, DOC to explain the need of mandatory energy efficient motor standard in the country.

SMEs Motor manufacturing facility

Support extended to SMEs motor manufacturers to upgrade their existing infrastructure design facilities, raw material and other related issues with the help of ERDA and the IEEMA motor members.

Summary of Division meetings: Objectives/ Key discussion points & achievements

Growth in FHP segment

Despite the gloomy state of industry, FHP motor segment showed positive figures and DC segment motor which is also known as specialized motor, the market is growing

Representations made:

Representation submitted to Department of Industrial Policy and Promotion and Department of Commerce regarding Mandatory IS 12615 for IE 2 motors in India. In response to subsequent discussions, the Ministry is shortly coming out with the Quality Control order for Energy Efficient Motors which mandates IS 12615.

IEEMA Statistics - Production Trend								
NAME OF THE PRODUCT								
ELECTRIC MOTORS	FHP Motors	Squirrel Cage Motors	Slipring Motors	Flame Proof Motors	D.C. Motors	A.C. Generator	HT Squirrel Cage Motors	HT Slipring Motors
UNIT	000'KW	000'KW	000'KW	000'KW	000'KW	000'KW	000'KW	000'KW
Cumulative April to March								
2014-2015	1146	9056	282	445	347	10676	2651	427
2015-2016	1150	9084	296	466	392	11261	3400	295
% Variation 2015-16 over 2014-15	0.3	0.3	5.0	4.7	13.0	5.5	28.3	-30.9
Previous Highest Annual Production	966	10399	690	491	618	10426	4181	910
Maximum Comparison Factor %	119.05	87.35	42.90	94.91	63.43	108.01	81.32	32.42



SME DIVISION

Number of Members in the Division:

There is no subscription for membership to this division. Forty member SMEs have indicated their keenness to participate in the divisional activities.

The total number of member companies subscribing to the division 40.

Division Meetings:

Seven (07) meetings have been held during the F.Y. 2015-16

1. 19 June 2015, IEEMA, Mumbai
2. 03 July 2015, IEEMA, Mumbai
3. 04 Sept 2015, NEC, Nashik
4. 09 Oct 2015, IEEMA, Mumbai
5. 30 Nov 2015, IEEMA, Mumbai
6. 08 Jan 2016, IEEMA, Mumbai
7. 11 Mar 2016, IEEMA, Mumbai

Summary of Division meetings: Objectives/ Key discussion points & achievements

A division for addressing concerns, driving policy issues and pursuing mutual interest areas was formed in May 2015. Shri JG Kulkarni, Past President was appointed as the Chairman of the division. Since its formation, the division has seen active participation by members. Initially, the division set out to formulate action areas. From the beginning, the approach has been collaborative with inputs sought from the entire membership of IEEMA.

A visit to the Nashik Engineering Cluster (NEC) was arranged by the division to provide an insight into the available test and incubation facilities, best practices and advantages of cluster formation.

During discussions at the meetings, following key result areas were established by the division:-

- a. Finance
- b. Sales and marketing
- c. Raw material
- d. Infrastructure and testing
- e. Skills and competency
- f. Policy matters
- g. Technology and partnership

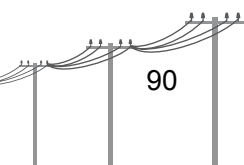
Based on the above, specific inputs were sought from the entire membership and each input deliberated in detail on its impact on the overall segment. These were thereafter represented with the Ministry of MSME and also presented in the pre-budget memorandum.

A brief summary of the activities taken by the division placed below:-

Divisional Events / Conferences:

IEEMA SME Division in coordination with MSME Development Institute conducted a day long Workshop titled "Awareness Building and Interactive Session" on 07th August 2015 at MSME Development Institute, Sakinaka, Mumbai. Following sessions were conducted by the Experts in the field:

- **Development Commissioner Schemes (DC-MSME) for Micro, Small & Medium Sector Enterprises** – Shri R. B. Gupte, Director, MSME Development Institute
- **Electrical Testing & Certification services**, Division of MSME Development Institute – Shri Vijay Kumar Sonkar, Addl. Indl. Advisor, **MSME Testing Centre, Mumbai**
- **Lean Manufacturing Cluster** – Shri Abhay P Daptardar, Assistant Director (Mech), **MSME Development Institute, Mumbai**
- **Calibration of Electrical Measuring Instruments** – Shri Nishant Pawaskar & Shri Anirudha Ambolkar, **Institute for Design of Electrical Measuring Instruments (IDEMI), Division of MSME**
- **Wind of change in Industrial R&D in India & Role of DSIR in promoting R&D**



–Shri Dr. Suman Mazumdar, Scientist-‘C’
**Department of Scientific & Industrial
 Research - Ministry of Science &
 Technology**

- RoHS Compliance & Introduction to Safety Testing & Certification –Shri Mukti Upadhyaya & Shri Vinod Suryavanshi, **SGS India Pvt. Ltd.**

The Workshop / Seminar on Finance, Cluster formation, logistics, also planned.

Representations:

Division collected, categorized and collated the problems / issues faced by MSME members while doing their business. It was assured that the division would be represented to the Government once a quarter in an appropriate form.

- Submitted a separate representation on Problems faced by Electrical Equipment MSME in dealing with Power Utilities / DISCOMs to Development Commissioner, MSME.

Knowledge Sharing Presentations / Interactions

- Presentation on “Marketing – Practical Approach thru Distribution Management and its Policies” by Shri H. Parikh, MD, Hardchem Electronics
- Presentation on “Innovation - How? and Why? - for SMEs” by Shri Soeb Fatehi, Director, COSMA
- Presentation on Lean Manufacturing Competitiveness Scheme by Smt. Priya Iyer, General Manager, TUV SUD South Asia Pvt. Ltd
- Presentation on MSMED Act 2006 by Shri Kiran Kakatkar, Chairman, Siraga India P Ltd

Dissemination of information to SME Division members

- Information on launching of a portal <http://ee4ind.com> by the Development

Commissioner, SME to create an online Employment Exchange facility.

- IEEMA Secretariat presented the proposed draft Amendment on MSME definition and circulated with the minutes
- Circulated details of Consultancy Services at MSME-DI, Mumbai on the topics : Entrepreneurship, Marketing, Project Identification, Project Report Preparation, Finance, Technical, Management related issues, Overseas Market, Information related to trade fairs, Lean Manufacturing, Intellectual Property Rights.
- Booking details for ELECRAMA-2016 , BIEC, BANGALORE
- Information on Indian Engineering Sourcing Show 2015 scheduled from 24 to 26 November 2015 in Mumbai
- Participation of SUBCON THAILAND 2016 which will be held from 11th May to 14 May 2016 at Bangkok MAI.
- African Utility Week 2016 Exhibition & Conference: 17 - 19 May 2016 Cape Town International Convention Centre, South Africa
- 2 Days Workshop on “Smartly Managing Organization for ZED Quality at Competitive Cost” on Friday - Saturday, 11th & 12th December, 2015 at IEEMA Mumbai.

Long term objective:

- Creation of an Special Purpose Vehicle (SPV) steering “Cluster Formation” as part of an MoU with National Accreditation Board for Education and Training (NABET).
- Increase engagement with Ministry of MSME with the aim of driving policy.

Key Outcomes

Presentation of paper encompassing key concern areas and recommendations to the Additional Secretary & Development Commissioner, MSME.





MV & HV SWITCHGEARS

Industry Size: Rs.5000 Crs
(2014-15:4300 Crs.)

Therein Exports: Rs. 1870 cr (Includes Custom Built Products, Source : DGCIS)

Imports : Rs1400 Cr (Includes Custom Built products, Source: DGCIS)

Number of members in the division : 70 organisations

Division Meetings : 22nd May 2015,
IEEMA Mumbai

6th August 2015,
IEEMA New Delhi

9th October 2015,
IEEMA New Delhi

21st January 2016,
IEEMA, New Delhi

Number of division meetings : 4 nos.

Average Attendance: 8 nos.,

Average number of companies per meeting : 6 nos.

Technical Committee Meetings: Nil

The Division is committed to consolidating the support from existing members, further industry interest, 'make in India' programme. Accordingly, division decided to focus on following key topics. Summary of the key discussion points, achievements and way forward are presented below

SWICON 2015

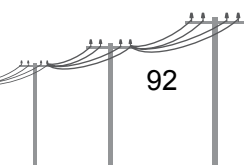
MV HV and LV Switchgear divisions held SWICON 2015 9th International Conference on Switchgears and Controlgear on 26th & 27th November 2015 at Mumbai, with the theme "Switch on the future" The Chief Guest Dr Rene Smeets, KEMA Laboratories, The Netherlands delivered the Inaugural address. Key note addresses were delivered by eminent international experts, Dr Ulf Katschinski-Global Head Research & Development,– Medium Voltage, Siemens AG and Dr Mietek Glinkowski-V.P. Global Engineering from Schneider Electric

The Conference attracted more than 400 Delegates with 60 Technical Papers, delivered in 13 Sessions with parallel technical sessions on MV HV Switchgear and LV switchgear.

This edition of SWICON started student's section. Interaction with students and



Chief Guest Dr Rene Smeets, Kema Laboratories presenting Lifetime Contribution award to Shri T Sankaralingam, Former Chairman, NTPC in presence of dignitaries at the inaugural session of SWICON 2015





academia at SWICON has helped Industry to get the pulse of the activities happening at the academic institutions in India & will provide a path for Industry-Academia engagement for developmental activities. An overwhelming response was received from Students, 110 papers were received from 18 institutions. Out of which the best 6 papers were selected for oral presentation and other 10 were selected for poster presentation.

The last session of the event was organized for the first time in IEEMA conferences. Industry Academia Panel discussion' where following eminent experts from respective domain interacted on the theme "Expectations and Gaps with focus on employ ability, skill development and Curriculum". The session was observed as a peak point of the conference since there was an active participation by almost all delegates for a bout 2 hours. The objective of the discussions was to bring out take-away and action points both for industry and a cademia. The two main themes of the discussion were:

1. Employability–Skill Development
2. Curriculum Development–How can industry contribute?

Shri T Sankaralingam, Ex CMD, NTPC received the Life time Contribution Award for his contribution to the Electrical Industry.



Level Playing field for HV GIS : Threat of Imports from China & Korea

HV GIS Industry is underutilized in capacity due to large scale imports from Chinese & Korean Manufacturers. They enjoy an unfair advantage of around 24%.

Accordingly Division engaged vigorously with Public Policy Cell and below officials to vociferously appeal for remedy through domestic procurement clause.

- Meeting with CEA together with cable Division
- meeting was held with DHI under the chairmanship of Shri R.K.Singh, JS, DHI on import of GIS from China and Korea
- Suggestion to DHI on Domestic Procurement Clause in National Capital Goods Policy Formulation

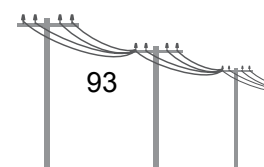
All these appeals have been favorably heard by the Policy Makers and we expect a pronouncement in the early months of 2016-17

Inputs to Ministry of Power on Standard specifications of major equipments under IPDS / DDUGY scheme:

Through IEEMA, Division proposed a detailed specification for high value equipments under the scheme covering MV Circuit Breakers, MV Switchgears for consideration by PGCIL / PFC / REC

Users feedback on MV and HV GIS:

To sensitize the users on the concern an Interactive Workshop with users, under Aegis of CEA was organized on "Users feedback on Gas Insulated Switchgear (GIS) Technology in India Transmission & Distribution System" on 4th -December-2015. The Workshop was attended by about 150 delegates from Utilities, Central PSUs and Industry (about 75 nos. from Utilities and central PSUs, 25 nos. from CEA and rest were from Industry). The discussions on the day were on usefulness of GIS, problems with GIS, life expectancy, spares etc. Division also submitted recorded





notes to CEA. Division will take up with CEA on the next steps

Representation and meeting with Tantransco on specification of 550kV GIS:

On this issue a representation is raised to Tantransco for discussing the reason of inviting tenders of 550 KV GIS for 400 KV networks, which precludes Domestic Manufacturers from bidding. Two meetings had been conducted with the MD of Tantransco. Tantransco agreed to cooperate with industry in establishing the technical rationale for such a specification. The matter will be followed up with client in 2016-17 as well on priority

Utilities terms and conditions:

A comprehensive matrix was devised listing all the technical and commercial issues with various utilities across the country that is not encouraging to the health of Industry. A representation has been sent to Tantransco highlighting the concerns faced by Industry. Similar issues will be raised to other utilities in 2016-17

Gaps in testing facilities at CPRI:

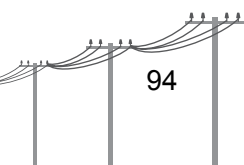
The division identified the testing gaps at CPRI. Accordingly below meetings were held:

- Joint meeting with CPRI, Ministry of Power, Ministry of Commerce to ramp up facilities in CPRI
- Two meetings have been conducted with CPRI officials and the gaps have been formally represented. CPRI has taken the request on board and agreed to consult Industry during their ramp up phase

Production Statistics

Division analyses the production figures of MV and HV Switchgears along with Export/ Import figures with HS codes for these products. Out of 70 member manufacturing companies, 25 organisations report the production figures of MV and HV switchgear along with GIS, representing > 80% of Industry Size. The division has worked and devised a format for reporting the production data of MV and HV GIS along with RMUs and substation packages.

IEEMA Statistics - Production Trend							
NAME OF THE PRODUCT							
MV & HV SWITCHGEAR	Isolating Switches	MV Outdoor Circuit Breakers [Up to 33 kV]	MV Indoor Circuit Breakers [Up to 33 kV]	HV Outdoor Circuit Breakers [Above and including 66 kV]	MV Custom Built Products	Up to 15.00 kV	Above 15.00 kV
UNIT	Nos	Nos	Nos	Nos		Rs. Lacs	Rs. Lacs
Cumulative April to March							
2014-2015	16377	29464	33727	7097		60771	15296
2015-2016	18984	29474	35895	6722		53943	24015
% Variation 2015-16 over 2014-15	15.92	0.03	6.43	-5.28		7097	94.72
Previous Highest Annual Production	37175	29464	35183	7097		81764	65.97
Maximum Comparison Factor %	51.07	100.03	102.02	94.72		65.97	149.98





LV SWITCHGEAR DIVISION

LV SWGR Industry size: Rs. 12,259 crs

Imports: Rs. 7816 crs including LV Custom built products)

Exports: Rs. 5,777 crs including LV Custom built products)

Count of members in the division: 89 organisations (including LV Switchgear manufacturers, manufacturers of accessories & components, EPC Contractors & others)

Division meetings during the year:

Number of division meetings : 4 (four)

Average Attendance : 10 (Ten)

Technical Committee meetings : 3 (In-person and through webinar)

Summary of division meetings: Objectives/Key discussion points and achievements

IEEMA has 20 product divisions, and under each division member manufacturers meet once in a quarter and discuss the State of Industry, issues concerned with Indian or International standards (BIS/IEC) , any representation to be made to government or any other stakeholder, discuss aspects of International Conferences as and when organised, providing Industry inputs whenever required.

Low voltage switchgear is one of the well-established industries in India. The Industry covers Low Voltage switchgear products such as Air Circuit Breakers, Moulded Case Circuit Breakers, Motor Protection Circuit Breakers, Miniature Circuit Breakers, Residual current devices, Switchfuse and Fuseswitch units, H.R.C fuses, Thermal overload and protection relays, Contactors, Starters, Distribution boards and Factory- built assemblies, Changeover switches , modular switches and sockets, etc. The industry caters to end-user segments such as all manufacturing verticals, buildings - residential and commercial, infrastructure entities, utilities, agriculture and OEMs.

Weight of LV switchgear industry within the major electrical equipment industry's Growth Index is 14.4%. In value terms, the L.V. switchgear industry grew by 7.3% over last year. The increase was powered by volume growth in LV Circuit Breakers (+4.9% including ACBs @ 13.2%), MCBs (+18.6%) and S/F & F/S (+10.6%) with other major product groups like Power Contactors showing negative growth.

In 2015-16, imports of L.V. Switchgear products (including LV Custom built products) showed an increase of 8.1% as compared to 2014-15 while export increased by about 5.6%, with the exchange rate also being an influencer.

The division worked on the following topics during FY15-16.

SWICON 2015

Participation in BIS Electrotechnical Committee meetings as well as IEC

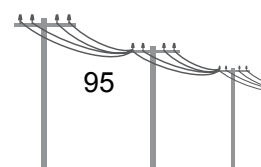
Trend analysis of Production data/statistics and discussions on EXIM data

Type testing recommendations by a Task force to be submitted to CEA and MOP

SWICON 2015

The LV and MVHV Switchgear divisions jointly organized SWICON 2015, the 9th International Conference on Switchgear and Controlgear on 26th & 27th November 2015 at Mumbai, with the theme being "Switch on the future". The Chief Guest Dr ReneSmeets, KEMA Laboratories, The Netherlands delivered the inaugural address. Key note addresses were delivered by eminent international experts, Dr Ulf Katschinski-Global Head Research & Development, -Medium Voltage, Siemens AG and Dr Mietek Glinkowski-V.P. Global Engineering from Schneider Electric

The Conference attracted more than 400 Delegates with 60 Technical Papers, delivered in 13 Sessions with parallel technical sessions on MVHV Switchgear and LV switchgear.





This edition of SWICON introduced a student's section. Interaction with students and academia at SWICON has helped Industry to get the pulse of the activities happening at the academic institutions in India & it will provide a path for Industry-Academia engagement for developmental activities. An overwhelming response was received from Students, 110 papers were received from 18 institutions out of which the best 6 papers were selected for in-person presentation and next 10 were selected for poster presentation.

The key takeaways of the Conference were as under:

- Frequency of SWICON conference to be improved to three years. Special Session on 'Manufacturing Technology' to be considered.
- Larger number of delegates from Utilities, Engineering /R & D & test institutions should be encouraged to attend the conference.
- Further strengthen Industry-Academia Partnerships and participation from Students.
- Discussion /Papers on 'Evolution of Standards'
- Focus on testing as per IEC/International Standards for special requirements
- How to leverage 'SWICON' brand to promote Indian Switchgear technology & industry globally?

The last session of the event was organized for the first time in an IEEMA conference i.e 'Industry-Academia Panel discussion' where eminent experts from respective domains interacted on the theme "Expectations and Gaps with focus on employ ability, skill development and Curriculum". The session was observed as the high point of the conference since there was active participation by almost all delegates over 2 hours. The objective of the discussions was to bring out action points both for industry and academia. The two main themes of the discussion were:



1. Employability–Skill Development
2. Curriculum Development–How can industry contribute?

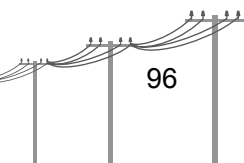
The Life time Contribution award was conferred on Shri T Sankaralingam, Ex CMD, NTPC at the conference, for his contribution to the Electrical Industry.

Electrotechnical Committee of BIS -ET 07

Division members worked proactively with BIS Electrotechnical (ET- 07) committee for formation and up-gradation of standards, aligning the IEC standards with Indian standards for LV switchgear and Controlgear products etc. Chairman of the division is Principal member from IEEMA on this committee. The comments discussed in ET committees are further taken up for discussions by Technical Committee of LV Switchgear division. The discussions held in TC are shared by the convener in the division meetings for consensus among division members which represents the low voltage switchgear Industry.

Gazette Notification on notification of Legal Metrology Act

The division held discussions on the gazette notification issued by Ministry of consumer affairs, food and public distribution, department of consumer affairs on amendment of legal metrology Act, 2009 (packaged commodities) These rules are



amended as the legal Metrology (Packaged Commodities) (Amendment Rules), 2015. The discussions are still in process and it is intended to send a final letter to the Ministry of Consumer Affairs highlighting the HS codes for a few products which are used by retail consumers, to have a better understanding.

Task force on type tests

There was a common concern about “applicability and validity of type test reports” among various Indian customers (mainly power utilities). An internal committee was constituted within IEEMA with members from all divisions to seek their inputs. The Technical Committee of LV switchgear had compiled data on the subject of Type Testing of LV switchgear products and has submitted the recommendations.

Production Statistics

There are 89 IEEMA member companies enrolled on LV switchgear division wherein about 40 are manufacturers of LV switchgear products. Members actively participate in meetings and detailed discussions are held on Industry size statistics with analysis of ‘Moving

Annual Average (MAT) trends for last three years for each product group.

The Division regularly analyses the production trends for major LV Switchgear products collected and compiled by IEEMA.

The Division monitors and discusses Export/Import figures of HS codes for these products. A detailed study was conducted on the figures of export /import submitted by TPM, consultant to IEEMA. After long deliberations, it was concluded that the reported data contains a large proportion of non- LV Switchgear items as well. Hence, the relevant import volume is much lower. China is one among the source countries for imports.

Out of 40 member manufacturing companies, 26 report their production quantities. The division has worked and devised a format for reporting the production data of Distribution Boards that include SPN DBs, TPN DBs, Special purpose DBs and MCB enclosures. The Division has also finalized a reporting template for wiring accessories (modular switches and sockets) and change-over switches.

IEEMA Statistics - Production Trend

NAME OF THE PRODUCT	UNIT	Cumulative April to March		% Variation 2015-16 over 2014-15	Previous Highest Annual Production	Maximum Comparison Factor %
		2014-2015	2015-2016			
LV SWITCHGEARS						
Relays & Timers	000'Nos	1102	1184	7.4	1197	98.91
Contactors	000'Nos	8522	8476	-0.5	8505	99.66
Motor Starters	000'Nos	1808	1634	-9.6	1909	85.59
Power Switches	000'Nos	25	24	-4.0	88	27.27
Switch Fuse & Fuse Switch Units	Nos	498104	602123	20.9	947878	63.52
LT Circuit Breakers						
a) Miniature Ckt.Br.	000'Poles	115476	136979	18.6	116151	117.93
b) MCCB. (Single & Multi Pole)	Nos	1746048	1822680	4.4	1719090	106.03
c) A.C.B.	Nos	97417	110284	13.2	100244	110.02
Relay/Control Panel, MCC & Switchboards	Rs.Lakhs	124376	122875	-1.2	168180	73.06
HRC Fuses	000'Nos	11401	11405	0.0	13225	86.24
Overload Relays	000'Nos	3203	2955	-7.7	3579	82.56



SMART GRID

- Number of Members in Division : 34
- Divisional Meeting : 11th April 2015, New Delhi
3rd June 2015, New Delhi
31st July 2015, Mumbai
22nd September 2015, New Delhi
4th December 2015, New Delhi
16th March 2016, New Delhi

Number of Divisional meetings : 6 (Six)

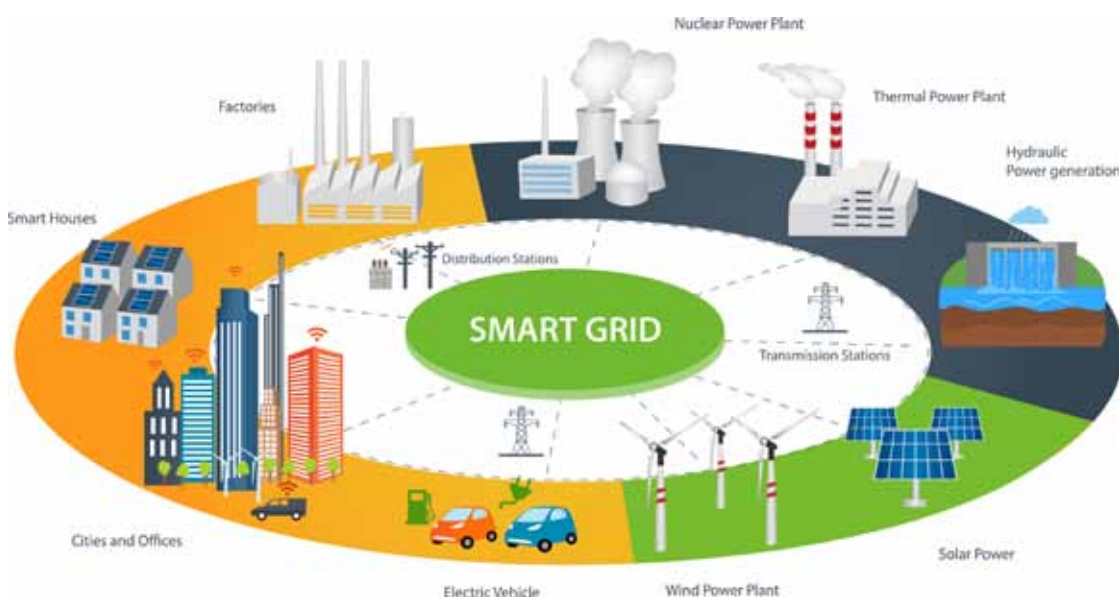
Average Attendance : 13

Summary of division meetings: Objectives key Discussion points and achievement:

- Interactive sessions were organized between the Divisional Members and senior officials of CEA, Tata Power, and IEC.
- A special interaction session was organized between the divisional members and Director, National Smart Grid Mission, Shri Prabhu Narain Singh, IAS to discuss government initiatives on Smart Grid projects.
- The Divisional Members finalised a roadmap for division, division is also actively engaged with NSGM and other stake holders for smart grid initiatives in India

Interactive Session with Stakeholders:

On July 31st 2015 at India Habitat centre, an interactive session held with all stakeholders with regard to Smart Grid initiatives and to synchronise both communication Industry and Electrical Industry across the value chain to explore the synergy further. The session was attended by 50 representatives of 23 different organisations.



SURGE ARRESTER

Market Size:	Rs. 118 crs
Exports:	Rs. 43 crs (estimated)
Imports:	Rs.31 crs (estimated, including Project Imports)
Number of Members in the Division:	23 organizations (including Surge Arrester manufacturers, manufacturers of accessories & component, EPC Contractors and others)
Division Meetings :	9 th April 2015 at IEEMA New Delhi office
	13 th July 2015 at IEEMA New Delhi office
	29 th September 2015 at IEEMA, Delhi office
	21 st December 2015 at IEEMA Delhi Office
	5 th February 2016 at IEEMA New Delhi office
- Number of Division meetings :	05 (five)
- Average Attendance :	04(four)



This conference was attended by about 200 delegates from almost all sections of stakeholder groups such as Utilities, testing and Research Institutes, Consultants, Manufacturers, EPC contractors, policy makers etc.

Tutorials were held on 28th April 2016 with sessions conducted by Prof. Dr. Volker Hinrichsen, Chairman IEC TC 37, Shri Johnnerfelt Bengt, TE Connectivity, Dr. Vasudeva, CPRI and Shri O. Balagangadhar from Oblum Industries.

The Conference held on 29th April was inaugurated by Chief Guest of the day Shri R.P. Sasmal, Director Operations, POWERGRID, Chief Guest of the day, Shri S.K. Mahapatra, Chief Engineer, CEA was the Guest of honour. The key note address was delivered by Prof. Dr. Volker Hinrichsen, Chairman IEC TC 37.

The conference had three technical sessions and 16 technical papers were presented.

The sessions were:

- Development in Surge Arrester technology
- Field experience case studies
- Monitoring and field testing

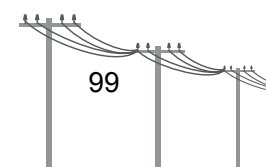
Two papers were given the best paper and best presenter award

The Conference ended with a very positive note that this is a unique platform created by IEEMA and no other such Conference on Surge Arresters is being organised anywhere in the world.

Summary of Division meetings: Objectives/ Key discussion points & achievements

Surgeprotech 2015:

Division organized **2nd International Conference cum Tutorials on Surge Arresters on 28th & 29th April 2016, New Delhi** jointly with CPRI and POWERGRID. The conference was planned along with tutorials to take the benefit of the presence of international/national experts invited for the event. The Conference was first held in November 2012 and this platform for Surge Arresters is unique in its own kind. International Conference on Surge Arresters is being held only in India and nowhere across the globe. The theme for SURGEPROTECH 2016 was Arresters for FAIL SAFE PROTECTION.





Gaps in CPRI Testing:

During the year division took this activity on priority. The revised IEC -60099-4, June 2014 was published and released. A consolidated list of gaps identified by the Division with respect to Testing as per IS, IEC and customer specific needs was presented and submitted to CPRI. A paper was presented by Dr. Vasudeva, head High voltage laboratory during International Conference highlighting the tests to be conducted as per ANSI/IEC and the facilities available at CPRI.

BIS Electrotechnical Committee ET 30

Members participated actively in BIS Electro technical Committee meetings (ET 30). The discussions were on IEC 60099-4 released in 2014 and other Indian Standards. In ET30 meetings, it is decided to formulate the "Guidelines for selection applications and installation of surge arresters." IEEMA members volunteered to formulate the draft contents.

Surge Arrester Publication: Selection and Application Guide:

The division had decided to revisit and revise the contents of IEEMA publication "Selection and Application guide for Surge Arresters". After the release of new IEC 60099 in June 2014 members decided to revise the contents with BIS Committee members. Subcommittees have been constituted under BIS ET30 committee to draft different chapters and division members are part of each Subcommittee. This exercise which was previously decided to be done within IEEMA is now taken up by BIS ET30 Committee.

Task Force on Type test

There was a common concern on validity and applicability of type test reports by various Indian customers (mainly power utilities). An internal committee is constituted within IEEMA with members from all divisions to seek the inputs. Division worked ,compiled and shared data on Type Testing of Surge Arresters.



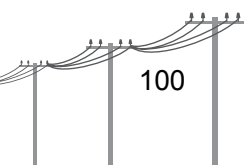
Sales Statistics

IEEMA compiles statistics for Surge Arrester Division on monthly basis based on the data received from its members. Six members report the sales figures. Though there are 23 member organisations enrolled in the division but only 4 members attend the meeting and there are 8 manufacturers. The scope to increase the membership of this division is very limited.

The Indian Industry is facing problem of overcapacity for last few years. The number of players in unorganized sector has increased substantially over the time especially in the distribution sector where the technology has stabilized.

The reduction of product prices due to large imports from China is a cause of concern for Indian Industry. Members have represented to PSUs like PGCIL, NTPC to block dumping of Electrical products into Indian Market by giving boost to the Indian manufacturers and ensure that the capacities are fully utilized.

IEEMA Statistics - Production Trend		
NAME OF THE PRODUCT		
SURGE ARRESTERS	Polymer Surge Arresters - Domestic & Export Sales	Porcelain Surge Arresters-Domestic & Export Sales
UNIT	Nos	Nos
Cumulative April to March		
2014-2015	353029	564207
2015-2016	267061	604050
% Variation 2015-16 over 2014-15	-24.4	7.1
Previous Highest Annual Production	353029	602375
Maximum Comparison Factor %	75.65	100.28





TRANSFORMERS

Industry Size :	Rs. 12,000 crs. (Rs.5,000 cr. Power Transformers; Rs.7,000 cr.- Dist. Transformers)
Exports :	Rs. 2,500 crs (Rs.1200 crs. Power Trf; Rs.1300 crs. Dist. Transformers)
Imports :	Rs. 600 crs (estimated including Project Imports - 320 PT + 280 DT)
Number of Organizations in the Division:	174 organizations.
Division Meetings :	15th May 2015, Delhi 22nd July 2015, Mumbai 08th October 2015, Hyderabad 05th January 2016, Jaipur 03rd March 2016, Mumbai
Number of Division meetings :	5 (Five)
Average Attendance :	28 Nos.
Technical Committee :	15 th May 2015, Meetings Delhi 19 th June 2015, Mumbai 20 th July 2015, over webinar 15 th September 2015, over webinar
Number of Technical Committee Meetings :	4(Four)
Average Attendance :	14 Nos.
Divisional Events/Conference :	None

Summary of Division meetings: Objectives/ Key discussion points

CRGO – Availability and Prices

Members had expressed their concerns in the increase of the prices of CRGO. The M4 and M5 grades are not being produced and are not available in the market also. Members had informed that lower grades are not available in the market and also manufacturers are not going for it. For higher grades there is gap of supply and demand. Hence the three factors i.e. delivery, availability and prices was an area of concern.

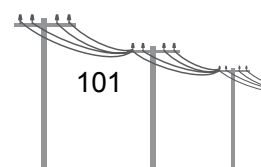
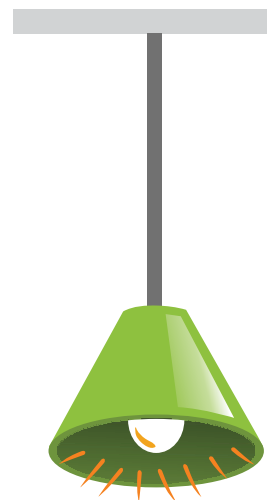
Globally, the installed capacity of all the CRGO mills is enough to cater current and medium term demand. However, as per business strategies, there are incidences of cutting down of production for certain grades. Currently prices in China and EU Region are higher than in India.

A meeting with representatives of the Mills i.e Posco, Nippon, NLMK, Cogent, WISCO was convened on 18th June at Mumbai and they informed that their respective Mill's allocation of CRGO to the Indian market has decreased by 10 to 20% in quantity terms mainly because the mills are able to realize better prices in other markets, especially China. It was therefore felt that unless Indian prices came on parity with the prices of other markets with high demand, it would be difficult for mills to cater to the Indian demand at current price levels.

Transformer members requested mill representatives to convince their principals about the consistent growing demand of Indian transformer industry and allocate more quota to the country.

Transformer Quality Control Order 2015:

The Electrical Transformer Quality Control Order 2014 issued by Department of Heavy Industries come into force w.e.f 1st Feb' 2015. BIS and IEEMA requested DHI for time extension of six months.





Department of Heavy Industries issued a fresh Gazette Notification on Electrical Transformer (Quality Control) Order 2015 on 7th May 2015. As per the gazette notification the order shall come into force from 1st of August 2015.

With this order, no stakeholders shall manufacture or store for sale, sell or distribute any distribution transformer that does not confirm to the specified Indian Standard IS 1180(Part-I):2014 from the date of implementation of the said order, without a valid license from BIS.

IEEMA requested Transformer Manufacturers to apply for BIS license soon and assured to extend all help from BIS in issuance of the licensing process. DHI vide their office memorandum dt. 7th August 2015, further clarified that the said Order will be effective from 01.02.2016 and before this date, all the manufacturers have to obtain license from BIS, if not already obtained. DHI has also allowed manufacturers to execute the confirmed purchase orders in the intervening period.

Extension of date for Old Contracts: IEEMA has made a representation to DHI for extension of Quality Control Order for old orders/running contracts prior to 1st February 2016 for a period of six months' time. However the DHI memorandum of 1st March 2016, had given an extension of 6 months for orders which are prior to 7th May 2015. Members felt that IEEMA should again take up this issue with DHI on the subject matter as the relaxation does not give any major relief to the industry.

Standardization of DT ratings through CEA/MoP

IEEMA requested CEA to issue directives to the state electricity boards and Discoms to procure Distribution Transformers of standard ratings only, as specified in the standard 1180(Part-1):2014 that has been notified by DHI for mandatory BIS regulation.

REC had issued directives to all the Nodal officers/PQCC including project implementing agencies to comply to the order by procuring



BIS marked Distribution Transformers as per IS 1180 (Part-1): 2014 in all their central funded government schemes. IEEMA requested PFC also to issues similar directives to all the boards to comply with the Electrical Quality control order 2015.

Revision of PV Formula for DT:

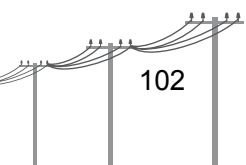
IEEMA Transformer division constituted a Committee for revising PV Formulae for Power Transformers. The Committee recommended domestic CRGO lamination prices of higher grade to be taken from the leading mills (from the processing Centre) of Lamination suppliers giving equal weightages.

IEEMA had also constituted similar Committee for Distribution Transformers PV Clause revision. The Committee worked a proposal to revise PV Clauses of Distribution Transformers.

It was also decided that from April 2015 (for the old and proposed revised PVC for Distribution Transformers) prices of CRGO laminations for BEE Star Three and above Distribution Transformers to be used which are the same as recommended by the Committee of Power Transformers while revising this PV formula. For the current PV Clauses the coil prices to be arrived by deducting appropriate value addition of the processors for both grades of CRGO.

Online Remote Monitoring of DT for REC/MoP:-

Ministry of Power constituted a committee





of EDs from REC, PFC and PGCIL to prepare specification for Distribution Transformers Monitoring Systems. REC had called a meeting for Distribution Transformer Manufacturers, IEEMA and other stakeholders on 4th march 2015. REC allotted the work to IEEMA for preparing the Technical Specification for IT equipment's/accessories for online monitoring mechanism for 200kVA and above 200kVA by 30th April 2015.

IEEMA Transformer Division nominated Shri Vinamra Agarwal from Technical Associates to lead the activity of evolving the specification. Two solution providers and system integrators M/s. Sharika Enterprises (P) Ltd. and M/s. Navitus Controls and Equipment's (P) Ltd were requested to evolve a Specification on online monitoring of Distribution Transformers based on the requirement of REC. Other IEEMA members who actively participated in the activity were CGL, Prolec GE, Vijai Electricals, Schneider, Toshiba, Kotsons, Sukrut Group, Landis+Gyr

After having a round of meeting at Tata Power Delhi Distribution Ltd.(TPDDL), IEEMA office and subsequent site visit of the pilot project developed by TPDDL in North Delhi site, a final specification was framed by IEEMA and submitted to REC on 21st September for further taking the activity forward.

Task force on Type Testing Requirement:-

Various product division had been raising issues related to validity, applicability and acceptance of the type test report by various utilities. Considering these issues, IEEMA constituted a Task Force of representatives from various Divisions and organized a meeting on 9th April 2015 in Delhi to discuss the issues/concerns and plan actions. Shri Manjit Sethi from ABB provided the inputs on behalf of Transformer division.

The Task force decided to collect data from various product divisions and prepare a detailed note on justifying the need to address the three issues and take up the matter with

MOP / CEA. The activity is presently at an advance stage.

CPRI Test Charges for – a) short Circuit b) IS 1180 testing.

Members in past have raised the issue of high test charges of CPRI, whereas ERDA test charges are comparatively low in comparison to the CPRI charges. Members requested IEEMA to make an representation to MoP to rationalize the test charges.

Members informed that DHI Quality Control Order mandates BIS certification of Distribution Transformers up to 2.5 MVA, for which the volume of testing at the testing laboratories will increase manifolds. Hence, IEEMA should request MoP to rationalize the CPRI testing charges for DT.

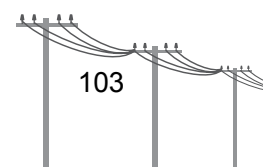
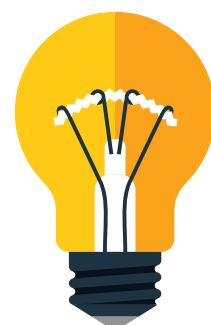
Latent Defect Clause in Utility Tenders:-

During the discussion with CEA in March 2015, members felt that a paper may be generated to define the Latent defect clause. Members felt that manufacturers are facing a lot of problem because of this clause. IEEMA may request CEA to remove this clause from the tender documents.

Members informed that there are high failure rates in smaller ratings of distribution transformers (preferably below 63KVA) in the age group of 1 to 5 years. Every customer wants to implement the risk clause. Under warranty there are no issues but customers are putting this clause intelligently in their tender in order to safeguard the risk. IEEMA should strongly oppose and put our representations to safeguard ourselves from this clause. A representation was sent by IEEMA to DVC, APTRANSCO, TNTRANSCO, TSTRANSCO, WBSETCL, MSECTCL, HVPNL, RRVPNL, NTPC, OPTCL, GETCO, KPTCL in July 2015.

Unified Approach for the Distribution Transformer Regulation-

IEEMA has raised this concern regarding the two regulations for the same product i.e. Distribution Transformers. On one hand there





is DHI notification which says no stakeholders shall manufacture or store for sale, sell or distribute any Distribution Transformer that does not conform to specified IS 1180(Part-1):2014 from the date of implementation. On the other hand there is BEE Gazette notification, which also requires licensing for star labelling. Hence there are two regulations which require licensing for the same product, leading to additional burden on the manufacturers. A representation from IEEMA was also sent to BEE on 1st June 2015.

A Committee was formed by BIS to address this issue, where BEE was also involved. Few round of meetings were conducted at BIS office, and BEE agreed that if BIS can certify the loss levels of each rating of the DTs by indicating them in licence document, BEE may look into accepting the same for its Star Labelling.

BIS informed that when the BIS Standard Mark is applied on a product after licence is granted to the manufacturer, it indicates the conformity of the product to the Indian Standard Specification for all the requirements. However, the results of factory testing w.r.t. energy efficiency parameters for the product ratings to be covered in BIS license may be provided by the manufacturer at the time of submitting their application to BIS and the same can be provided to BEE for considering them for its Star Labelling. This process is being taken up very seriously by Division to withdraw BEE from Transformers.

Transformers with Ester Fluid:-

A separate standard for transformer with ester fluid is being formulated by BIS under IS 1180 (Part-2). Members views were sought on whether transformer with ester fluid would be economical in comparison to transformer with mineral oil. Members felt that ester fluid oil transformers would be costing 25% to 30% higher than mineral oil filled transformers.

A meeting was also called by GETCO and Tata Power to discuss the various points on the types of Ester Oil available, their benefits, impact on design, performance etc. It was

felt that the use of Ester Oil is catching up and already many Utilities like GETCO, Tata Power (Mumbai) are already using Transformers with esters in their Pilot projects. Members suggested to check with the supply and availability of Ester oil so that it does not become a constraint once it gets popularized.

CEA Regulation regarding short circuit on Transformers:-

IEEMA Transformer Technical Committee had submitted representations to CEA regarding the Short Circuit Testing of Transformers. Some points were not accepted by CEA. To address this issue a white paper was prepared to establish the similarity of the transformers in line with IEC 60076-5, which was suggested to CEA for adoption in their regulation.

CEA informed IEEMA that their regulations 2010 and its amendment was being amended and IEEMA was requested to provide suggestions for any amendment with justifications. IEEMA Transformer Division submitted their inputs for inclusion to CEA after vetting by Technical Committee on 10th November 2015.

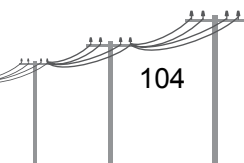
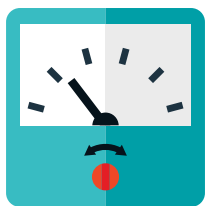
Draft Purchase Contract Document:-

IEEMA Transformer Division had drafted a contract document which was discussed in other divisions also, as the commercial terms and conditions are similar for other products.

Issue of ICB in Distribution Transformers up to 200KVA (1-Phase and 3-Phase).-

Ministry of Power had constituted two Committees A and B to facilitate States in mobilization of quality equipment/materials at competitive price under DDUGJY and IPDSSchemes.

IEEMA had recommended for Internal Circuit Breakers to be mounted on LT side of the Transformer up to 200kVA, instead of external circuit breaker. PGCIL, REC and PFC had strongly opposed the use of ICB in Distribution Transformers up to 200kVA. To represent the matter more strongly, a Survey





form was circulated to few utilities to share their experience of using Internal Circuit Breakers in Distribution Transformers. Few Utilities namely JVVNL, TSSPDCL shared their experience which was positive. IEEMA send a representation to Power Minister and Additional Secretary, Ministry of Power for their intervention in inclusion of internal circuit breaker in Distribution Transformers under DDUGJY and IPDS Schemes.

Delay in BEE Certification:

Members informed about facing inordinate delay by BEE in according approval and renewals for their star labelling program. This has resulted in delay in commencement of supplies which is generally 30-45 days resulting in penalties from the Discoms. IEEMA took up the matter with BEE.

Power Transformer under mandatory BIS certification.

BIS send a proposal to DHI to bring Power Transformers under mandatory BIS certification like Distribution Transformers. DHI asked IEEMA's response on the said proposal. IEEMA clarified to DHI vide their letter dt. 11th September 2015 that the proposal of bringing Power Transformers under mandatory BIS certification through a Quality Control Order is not desirable.

Standard on Repair and Maintenance of Distribution Transformers.

Shri Manish Yadav from Crompton Greaves was nominated by ET-16 of BIS to prepare a draft standard for repair and maintenance of Distribution Transformers. Members discussed their experience of repair where they highlighted that DTs are coming for repair for 5 to 6 times even without any number plate so it becomes difficult to identify the correct losses. Members also said that Discoms had stopped repairing of transformers which are less than 5 years old. Technical Committee was requested to prepare a guidelines for user's benefit which shall focus on strategies for replacement and repair. This activity is under advance stage at BIS ETD-16.

Revised Guidelines of IS 1180 issued by BIS:

BIS issued a revised guideline on 30th November which created lot of concern for members from Distribution Transformer Industry. IEEMA send a representation to BIS on 14th January 2016 to amend the revised guidelines, since the major changes brought by the revision in the selection criteria, scope of license, grant and operation of license created lot of confusion among various stakeholders.

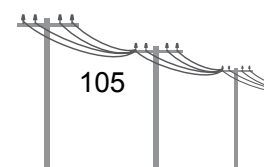
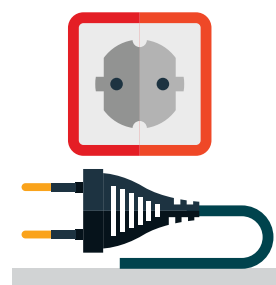
Standards on other Fittings covered under IS 3639:-

IEEMA Technical Committee had identified 11 different fittings (parts of the transformer) for drafting standards. Whereas the first draft of 5 fittings has been completed by the Transformer Technical committee and for other 6 fittings work is under progress. After finalization of the standards by the IEEMA Technical Committee, the final version of document shall be submitted to BIS for adoption as a standard.

Core Group for Government Interactions.

IEEMA informed members for representing division related technical matter with different Ministries, a core group may be involved who should work closely with the secretariat to present the issues. This practice has been followed in other division also where members along with secretariat used to meet the officials in the ministries for any industry related matter as and when required. Following members were nominated for Power Transformers i.e Shri Vikrant Joshi, Shri P. Ramachandran, Shri Manjeet Singh Sethi, Shri Babu Amritkar, Shri Harish Dave, Shri Saif Qureishi, Shri B. Ukil.

For Distribution Transformers Shri Pawan Jain, Shri Alok Agarwal, Shri Jacob George, Shri Vinamra Agarwal, Shri Anand Hunnur, Shri Saif Qureishi





Tender issued by Utilities for procurement of Transformers with CSP, ICB and Non-preferred

Members informed that few utilities are floating tenders for Distribution Transformers with ICBs and Manufacturers are not able to quote or manufacture as BIS has clarified that Distribution Transformers with ICB's cannot be licenses. IEEMA send representation to various utilities not to float tenders with Internal Circuit Breakers.

TRAFOTECH Workshop 2016:

Members decided to organise the TRAFOTECH Workshop in year 2016. The theme for the workshop was decided as **"Life Management of Transformers"** which shall target on the users of the Transformers. The broader topics (Repair and Maintenance, Life extension & rehabilitation, Asset Management, Failure Analysis etc.) shall be worked out later on.

Distribution Transformer Division -.

Members had been feeling the need of separate division for Distribution Transformers and a resolution for creating a separate DT Division was passed at Transformer Division meeting in Jaipur on 5th January 2016. The same was approved by the Executive Council during its meeting on 16th January 2016 in Delhi, paving the way for DT Division.

During the next transformer Division meeting in Mumbai on 3rd March 2016, Members unanimously agreed for Shri Pawan Jain from Kotsons Pvt. Ltd. as Chairman and Shri Alok Agarwal as Vice Chairman of Distribution Transformer Division. The appointment was duly made by President as per standard IEEMA convention.

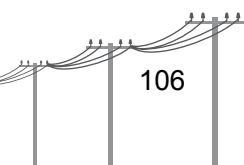
Extension of date for Old Contracts w.r.t to the Transformer Quality Control Order 2015

IEEMA has made a representation to DHI for extension of Quality Control Order for old orders/running contracts prior to 1st February 2016 for a period of six months' time.

However the DHI memorandum of 1st March 2016, had given an extension of 6 months for orders which are prior to 7th May 2015. Members felt that IEEMA should again take up this issue with DHI on the subject matter as the relaxation does not give any major relief to the industry.

Representations done by IEEMA Transformer Division during April 2015 to March 2016:

- a. To Chairperson (I/C), Central Electricity Authority vide our letter dt. 2nd July 2015 and 10th August, 2015- raisings concerns over the directive pertaining to Short Circuit of Transformers. IEEMA through representation has stated clearly that they are not against the short circuit testing of transformers but want to emphasize on the policy of universal mandatory short circuit testing of Power Transformers without considering the ordered lot quantity. The Validity of the test may be extended up to 10 years. Further the Theory of equivalence defined in Annexure-B of the IEC 60076 document may be included in the CEA Directives.
- b. Representation to Director General, BIS on dt. 14th January 2016 on the issues pertaining to the revised guidelines for certification of Distribution Transformers as per IS 1180(Part-1):2014. The brief points are that the guidelines has been revised just two months before the commencement of Electrical Transformer Quality Control Order. The guidelines has defeated the very purpose of grouping criteria. The major changes brought by this revision in the selection criteria, scope of license, grant and operation of license.
- c. Representation made to Joint Secretary, Department of Heavy Industries on dt. 14th January 2016 & 9th February 2016 on the abnormal delay in issuance of BIS certification, significant changes in the BIS in the revised guidelines issued on 30th November 2015, extending the date of implementation of the orders for



old orders/running contracts further by 6 months and such transformers should be exempted from the purview of the Quality Control Order so that electrification program may not be hampered.

- d. Representation to Joint Secretary, Ministry of Development of North East Region dt. 14th July 2015 regarding inordinate delay in payment by Meghalaya Energy Corporation against supply of equipments under Non lapsable Central Pool of Resources (NLCPR) scheme.
- e. Representation to Joint Secretary, Department of Heavy Industries dt. 11th September 2015 on the subject of bringing Power Transformers under mandatory BIS Certification.
- f. Representation to Hon'ble Minister of State (I/C) for Power, Coal, New and Renewable Energy, Ministry of Power dt. 12th October 2015 for using Internal Circuit Breaker (ICB) in Distribution Transformer under DDUGJY and IPDS Schemes.
- g. Representation to Addition Secretary, Ministry of Power dt. 12th October for using Internal Circuit Breaker (ICB) in Distribution Transformer under DDUGJY and IPDS Schemes.
- h. Representation to CMD-1, BIS dt. 12th August 2015 on the clarification issued by DHI regarding Electrical Transformer Quality Control Order, 2015
- i. Representation to Dy. General Manager, PGCIL dt. 1st of February 2016 for change in the submission and opening date of Tender for procurement of various equipment/items under DDUGJY and IPDS schemes.
- j. Representation to CMD, MSEDCL dt. 2nd March 2016 on procurement of Non-Energy Efficient Distribution Transformers.
- k. Representation to Dy. Director General, Standardisation, BIS dt. 18th March 2016 on Scope of applicability of special Transformers in line with the Electrical Transformer (Quality Control) Order 2015. BIS was requested by IEEMA to recommend DHI for issuing a suitable clarification on non-applicability of Quality Control Order on Special Transformers.
- l. Representation to DDG (Certification) BIS dt. 29th March 2016 regarding acceptance of old type test report for certification of Distribution Transformers as per IS 1180(part-1):2014
- m. Representation made to Managing Director, PVVNL, Meerut on dt. 29th December 2015 on non-acceptance of type test report of ERDA.

IEEMA Statistics - Production Trend

Name of the Product	Unit	Cumulative April to March		% Variation 2015-16 over 2014-15	Previous Highest Annual Production	Maximum Comparison Factor %
		2014-2015	2015-2016			
Transformers						
Distribution Transformer - Production	MVA	43340	46730	7.8	43453	107.54
Distribution Transformer - Export	MVA	3644	3418	-6.2		
Power Transformer - Production	MVA	143726	174966	21.7	178782	97.87
Power Transformer - Export	MVA	14343	16627	15.9		
Distribution Transformer - Production	Nos	376421	356244	-5.4	370484	96.16
Distribution Transformer - Export	Nos	15711	19593	24.7		
Power Transformer - Production	Nos	2613	2538	-2.9	2912	87.16
Power Transformer - Export	Nos	295	376	27.5		



T&D PROJECTS

TLT Industry Size :	INR 9,360 crs
Exports :	INR 2,495 crs (estimated)
Imports :	INR 340 crs (estimated)
Number of Members in the Division: 143 organizations (including EPC Contractors and others)	
Division Meetings:	23 rd April 2015, Guwahati
	6 th July 2015, Delhi
	21 st August 2015, Kolkata
	1 st October 2015, Delhi
	27 th January 2016, Delhi
- Number of Division meetings : 05 (Five)	
- Average Attendance : 10 (Ten)	

Summary of Division meetings: Objectives/ Key discussion points & achievements

Non-Closure of Projects:

Members deliberated and raised serious concern on “non-closure of contracts” due to which sufficient capital is blocked with SEBs and CPSUs. It was mentioned that number of contracts were fully/partially commercialized, but are not closed.

Data was sought from member companies and representation was made to Ministry of Power and Powergrid.

Division is in a process to appoint an external agency to conduct study on “Non-closure of Projects and Right of way”.

Standard Terms & Conditions for Turnkey Transmission, Distribution and Sub-Station Projects

Members deliberated and felt a need to

devise a model document on standard bidding document for EPC contracts for adoption by all utilities (CPSUs & SEBs). The matter was presented to the Ministry of Power for consideration.

Ministry of Power advised IEEMA, Powergrid and CEA to discuss the points which were identified by IEEMA in the proposed model contract document to facilitate early contractual closure of turnkey power transmission, distribution and sub-station projects and avoid protracted delays in execution and completion of projects.

Subsequent discussions were held with Powergrid and CEA wherein IEEMA was given a further task to prepare standard formats for key execution activities addressing the debated issues, which can be incorporated in the contract document as an integral part of the contract agreement governing the provisions to ensure execution without interruption. The following formats were decided:

1. Format for Sub-station activities
2. Format for Transmission activities
3. Diversion format for equipments
4. Kick-off format

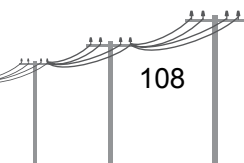
Subsequently, requisite formats were formulated after a detailed exercise by the Committee and have been submitted to Powergrid, MoP and CEA for further deliberation.

Now, the document is with MoP and in its advance stage of finalization.

Substation Data Collection format:

In few T&D Projects Division meetings, members felt that similar to the tower production data, it would be useful to collect data on substations, which will help IEEMA in taking up industry issues more strongly with the Government.

A format was prepared for collecting the Substation data, after compiling inputs from members. The format has been circulated to the Division requesting members to submit



their “Substation construction” data quarterly from April 2015.

Secretariat assured members that the data collected from them will not be shared with anyone and full confidentiality of the data provided by each member will be maintained.

Divisional Events / Conferences:

T&D Conclave – 2015

The 9th T&D Conclave was held on 11th December 2015 in Delhi. Attended by more than 250 participants, the Conclave saw eminent technologists and thought-leaders sharing their views with the T&D industry fraternity.

The one day event held at Hotel Imperial, Delhi witnessed the presence of eminent personalities like Dr. Katsutoshi Toda, Chairman, Toshiba T&D Systems India, Shri Anil Bokil, Arthakranti Pratishthan, Shri Anand Kumar, Super 30, Ramanujan School of Mathematics and Shri Kul Bhushan, Editor, Lord Krishna in the Boardroom.

Representations were:

- Representation submitted to Powergrid, CEA and Ministry of Power regarding Transmission Milestones for Standard Terms & Conditions for Turnkey Transmission, Distribution & Sub-station projects.
- Representation submitted to Powergrid, CEA and Ministry of Power regarding Substation Milestones for Standard Terms & Conditions for Turnkey Transmission, Distribution & Sub-station projects.

IEEMA Statistics - Production Trend	
NAME OF THE PRODUCT	
TRANSMISSION LINE TOWERS	
UNIT	MT
Cum & Mat Production	
2014-2015	1097
2015-2016	1000
% Variation 2015-16 over 2014-15	-8.8
Previous Highest Annual Production	1250
Maximum Comparison Factor %	80.00



L to R : Shri Randeep Narang, Vice Chairman, IEEMA T&D Division; Shri Babu Babel, President IEEMA, Smt. Indra Prem Menon, Vice President, IEEMA; Shri Harish Agarwal, Executive Council Member, IEEMA; Shri Sunil Misra, Director General, IEEMA and Shri Sanjeev Sardana, Vice President IEEMA.



PUBLIC POLICY CELL

The Public Policy Cell was re-constituted by the Executive Council in 2015-16, under the chairpersonship of Smt. Indra P Menon, Executive Director and President, Lakshmanan Isola Pvt. Ltd. and Shri Vikas Khosla, President, Aditya Birla Insulators as its vice-chairman. The members of this Cell are chairmen and vice chairmen of all IEEMA product divisions, besides other nominated members from the industry.

It conducted two meetings during this period and deliberated on competitiveness of domestic electrical equipment industry and the issues related to surge in imports of equipment; inverted duty structure in manufacturing of equipment; adverse impact of free trade agreements; disadvantages due to concessional project imports under chapter 98; testing gaps at CPRI and non-recognition of its test certificates in some foreign countries; technical barriers faced by Indian exporters.

The Public Policy Cell maintains a knowledge base on product-wise imports and exports of electrical equipment and shares this information to product divisions from time to time. The Cell also plays an advisory role for product divisions by suggesting suitable remedial measures for safeguarding the interests of members.

Some of the policy changes in favour of the industry spearheaded by the Cell were: increase in basic customs duty of electrical equipment to peak rate of 10%; amendment of procurement policy under domestic funding; formulation of National Capital Goods Policy; inclusion of electrical equipment under 'Merchandise Exports from India Scheme' of new Foreign Trade Policy; removal of inverted duties on Insulators & Insulated Cables etc.

WINDING WIRES

The Winding Wire industry in India includes manufacturers of enameled winding wires,

paper and cotton covered Aluminum and Copper conductors, enameled copper strips, continuous transposed conductors, etc. The industry has evolved for more than 65 years and is able to meet the demanding needs of users in terms of technology, quality and volume. It is used in the construction of transformers, insulators, motors, speakers, hard disk head actuators, electromagnets, and other applications like automotive, compressors & pumps, distribution transformers, generators and traction motors, wind and solar power sectors, etc.

IEEMA had been addressing concerns of the winding wire industry in the past in the form of pre-budget proposals to GOI and representing issues pertaining to Free Trade Agreements to the Government and as a step towards it, IEEMA winding wire division was revived last year. The division of IEEMA represents 85% of the winding wire industry by volume.

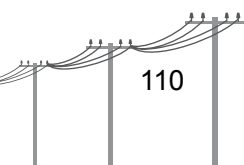
- **Industry Size** – Rs. 5,500 crs
- Approximate installed capacity of Units manufacturing Winding Wires made of Copper - 3,50,000 Tons p.a. to 4,00,000 Tons p.a.

However the production is about 1,75,000 Tons p.a. i.e. capacity utilisation is around 50%. There are a number of Winding Wire Manufacturing Units spread all over the country. No proper statistics are available with regard to the number of Winding Wires Units existing in the country. Hence the above figure is a roughly estimated one.

- Approximate production quantity of Winding Wires of Members and non members of IEEMA in **2014-15**

Copper & Aluminum Winding Wires installed capacity is 1,00,000 Tons p.a. However, capacity utilisation is lesser than the installed capacity

- **Number of Members in the Division** : 17
- **Division Meetings** : 02 (23 July 2015, 23 March 2016)



- (First meeting after revival of the division on 12th February 2015)

• **Summary of Division Meetings : Objectives / Key discussion points & achievements**

- Over the last year, state of the industry was not very good. The industry observed the false declaration imports coming in for all diameter wires. There was also false declaration of consumption. Industry also observed bad payment terms. However, end of FY15-16, industry was hopeful of improvement in the next year.
- Following members from the division sent their nominations on ET 33 committee of BIS:
- Shri Suhrid Sanghvi, Beico Industries
- Shri Mahendra Kabra, Ram Ratna Group
- Shri Sudhir Agrawal, G.K. Winding Wires
- Shri Milan Mehta, Precision Wires

Action Points for the Division – to define short term / long term objectives

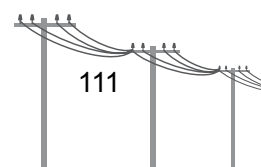
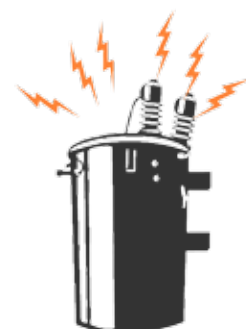
- To educate customers and users on safety, quality, insulation class
- To activate participation in BIS ET 33 Committee on Winding Wires
- To have synergy with WW Manufacturers' Association
- To increase members of the division

Compilation of data :

Members appreciated the need for production data, which can be compiled for the following categories:

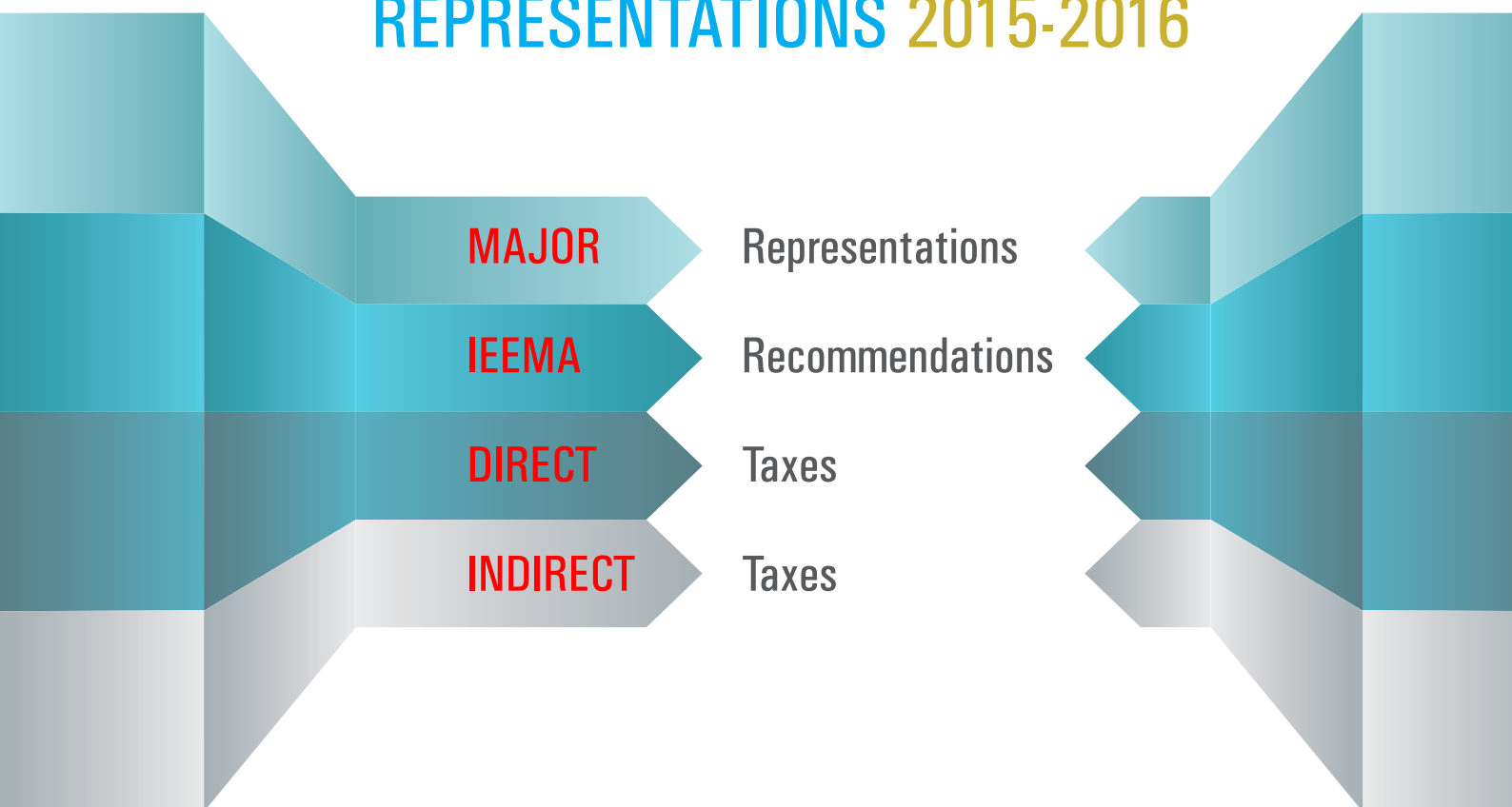
1. Enameled Copper Strips
2. Continuous transposed conductors
3. Paper insulated Copper conductors

The division is planning to hold a technical seminar in 2017, covering different subjects like safety, insulation (class of insulation), improving quality standards, improving exports, energy saving, Wire size – mm v/s SWG, etc.





REPRESENTATIONS 2015-2016



SUMMARY

A summary of representations made by IEEMA during the year with the aim of addressing issues and concerns of the electrical industry are enumerated below:

PRE-BUDGET MEMORANDUM 2016-17

IEEMA collected inputs from members on their pre-budget issues & suggestions. The Economic & Taxation Committee deliberated on the issues received from the industry and represented 'IEEMA Pre-Budget Memorandum 2016-17 to the Union Ministry of Finance, the Department of Heavy Industry and the Department of Industrial Policy & Promotion, Government of India.

A brief summary of the major issues in IEEMA Pre-Budget Memorandum appears below:-

A. INDIRECT TAXES:

Import Duty on Mega / Ultra Mega and Expansion Projects

- Government had imposed 5% BCD, 12% CVD and 4% SAD, with effect from 10th September 2012, on imports of equipment for Mega / Ultra Mega and expansion projects, other than 113 notified power projects.
- However, the 14% cost disadvantage suffered by the domestic industry (as estimated by the Committee under chairmanship of Member-Industry, Planning Commission) was not completely addressed. The imposed duty structure compensates the domestic suppliers only to the extent of 4.7%.



IEEMA Recommended

To bridge the gap, it is proposed that excise duty paid by the domestic manufacturers should be refunded by the government as deemed export benefits.

Interest on Excise Duty for Differential Price

The delay in raising of supplementary invoice, in case of price variation contracts is caused due to delay in declaration of prices of various inputs by the government.

IEEMA Recommended

Amendment in Sub-Rule 4 of Rule 7 of Central Excise Rules 2002, replacing 'the month **for which** the duty is determined' by 'the month **in which** the duty is determined', to avoid applicability of interest.

Duty Free Imports of Electricity Meter Parts

Presently, electricity meter manufacturers are paying basic Import duty (7.5% to 10%) on major parts i.e. switch, relay, battery, inductors, magnetic/ ferrite core, cable assemblies, adapters, buzzers, plastic & metal seals. This import duty makes Indian electricity meters costlier & uncompetitive in comparison to same manufactured in other countries, especially China.

For items like backlight, the general chapter heading (8541) has NIL basic customs duty. But parts that are used in meter manufacturing, the same are being considered under HS Code 90289010 and are subject to basic customs duty of 7.5%.

IEEMA Recommended

NIL basic custom duty for all electronic components (under chapter heading 90289010) is proposed, so as to facilitate overall reduction in price and increase export competitiveness.

Revised norms for execution of Bond and Bank Guarantee under Advance License and EPCG Schemes

Clause (c) of serial no. 3.2 of customs circular no. 58/2004, dated 21.10.2004, stipulates that the license holder cannot be given exemption from submission of bank guarantee if he is penalized under the provisions of the Customs Act, 1962, the Central Excise Act, 1944, the Foreign Exchange Management Act (FEMA), 1999 or the Foreign Trade (Development and Regulation) Act, 1992 during the last three financial years. In view of this, the Customs Authorities insist upon a letter from jurisdictional Central Excise Department seeking details of pending cases and penalties levied.

Almost every industry is bound to have cases which primarily and most importantly arise due to interpretation of law. It is against the interest of the common public as well as against the principle of legislature if Customs Authorities insist upon submission of bank guarantee only because of this.

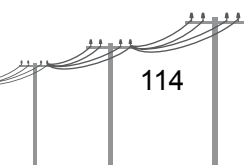
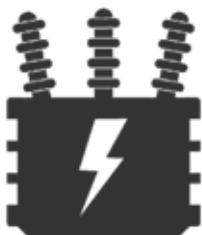
IEEMA Recommended

Bank Guarantee exemption be given based on only status holder certificates and Clause (c) of serial no. 3.2 of customs circular no. 58/2004, dated 21.10.2004, be deleted.

Electricity to be included within GST regime

Under the proposed GST regime, electricity would not be subsumed and the States would continue to levy electricity duty on sale of electricity.

Under the GST regime, in case of works contracts executed in the nature of electricity and power transmission and distribution, EPC contractors would charge GST to the Electricity and Power Transmission and Distribution Companies. As electricity is proposed to be outside the ambit of GST regime, credit of GST paid by the Electricity and Power Transmission and Distribution Companies to the EPC contractors would not be available and hence such credit would be an additional cost to the Company.





IEEMA Recommended

Electricity be subsumed within the scope of proposed GST regime.

Denial of Excise Duty Exemption on Steel and Cement for Mega / Ultra Mega Power Projects

Notification no. 12/2012-CE, dated 17.03.2012, provides excise duty exemption and is applicable to all goods falling under 'any chapter'. This exemption is only available when there is corresponding customs duty exemption.

However, corresponding customs exemption notification 12/2012-Cus, dated 17.03.2012 (Sr. no. 507) is applicable only to chapter 9801. Structural steel / cement used in construction are not covered under this chapter.

IEEMA Recommended

Sr. no. 507 appearing under chapter 9801 of the notification number 12/2012-Cus, be amended to read as 'any chapter'. Amendment will help in reducing project cost.

Concessional Rate of Excise Duty for Agricultural Products

Products such as Tractors; Power Driven Pumps and specific goods intended to be used for agricultural produce are wholly or partially exempted from excise duty, vide notification no. 12/2012-CE dtd. 17.3.12.

However, Motor Starters (upto 7.5 kW / 10 HP or upto relay range of 14-23A); Agricultural Capacitors (upto 6 kVAr) and Submersible Flat Cables (upto 6 sq. mm. cross section area), which are mainly used in the agriculture sector, attract normal rate of excise duty.

IEEMA Recommended

Excise Duty rate on these products be reduced to 6%.

Mismatch of Central Excise Duty on finished product and its raw material:

Central Excise Duty on Electrical Transformers is 12.50%.

However, the central excise duty on one of the material required for making Transformers i.e. Transformer Oil / Transformer Oil Base Stock falling under chapter heading No. 2710 attract a duty of 14%.

IEEMA Recommended

Reduce Basic Central Excise Duty of Transformer Oil / Transformer Oil Base Stocks falling under Chapter heading No. 2710 to 12.50%.

CENVAT Credit of Excise Duty / CVD paid on Capital Goods

As per Rule 4(2) of the CENVAT Credit Rules, 2004, maximum 50% of CENVAT Credit is allowed in respect of capital goods in the first year and the balance thereafter.

As a result, a lot of time and effort is spent in terms of year of entry, amount of credit available in each year. This also leads to errors and consequently, long-drawn disputes/ litigation with the Department.

IEEMA Recommended

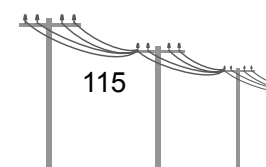
For better cash flow management and to reduce the administrative process, full credit may be allowed in the first year itself for all types of assessee. This would be in line with the provisions on CENVAT Credit in respect of inputs.

NIL Basic Customs Duty for CRGO electrical steel

Cold Rolled Grain Oriented (CRGO) Steel (under HS Codes 72251100 and 72261100) is a critical raw material for manufacturing of transformers. There is no indigenous manufacturing of CRGO Steel and the entire requirement is imported.

IEEMA Recommended

Basic Customs Duty on CRGO electrical steel should be removed till such time the country sets up indigenous manufacturing capacity.





Customs Duties Exemption to Goods imported for R&D

The notification 51/96-Cus, dated 23.7.1996, allows clearance of imported goods at 5% custom duty for Research Institutions registered with Department of Scientific and Industrial Research. The notification exempts whole of the additional duty (Section 3(5) of Customs Tariff Act i.e. Special Additional Duty). However, the notification 102/2007-Cus, dated, 14.9.2007 effecting exemption of SAD at the rate of 4%, does not cover above notification and hence SAD is payable on such imports.

The equipment required for research becomes costly due to levy of SAD; even though there is exemption provision in base notification 51/96 Customs dated 23.7.1996.

IEEMA Recommended

Include the notification no 51/96-Cus, dated 23.7.1996, in notification no 102/2007-Cus, dated 14.9.2007, for effecting the exemption of 4% SAD.

Non-Alignment of Notified “International Organisation”, under Foreign Trade Policy and Excise Statute for Claiming Deemed Export Benefits

Para 8.2(d) of the Foreign Trade Policy provides “deemed export” status to goods supplied to projects financed by multilateral or bilateral Agencies / Funds as notified by Department of Economic Affairs (DEA), Ministry of Finance. However, under excise statute, this exemption is available only to supplies made to an international organisation notified under Section 3 of the United Nations (Privileges and Immunities) Act, 1947.

All agencies notified by DEA are not covered by the list notified under United Nations (Privileges and Immunities) Act (for example, Japan International Cooperation Agency). In this case, excise duty needs to be paid even though the project enjoys deemed export status, as per Foreign Trade Policy.

IEEMA Recommended

Make suitable amendments in the notification no. 108/95-CE so as to align the same with entities notified by the DEA.

Difficulties faced by assesseees accorded with ACP status under Risk Management system

As per Customs Circular No. 29/2010 dated 20.08.2010, (amended by Circular No.18/2014 dated 22.12.2014) Accredited Clients Programme (ACP) status accorded to any assessee by the Customs authorities shall be withdrawn, where any show cause notice has been issued to the assessee seeking to demand an amount in excess of INR 50 lakh towards Customs/Excise duties or an amount in excess of INR 25 lakh towards Service Tax and the assessee has not paid the amounts so demanded with due interest and Penalty within 30 days of issue of show cause notice.

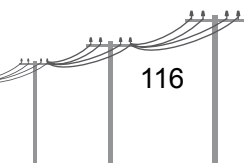
It is a fact that large business houses, by their sheer volume of business, would have some or the other cases under litigation on account of interpretational issues viz. classification, valuation, CENVAT credit entitlement, entitlement to exemption benefits or concessional rate of duty etc., exceeding the aforesaid limits set out for granting ACP status.

IEEMA Recommended

There is an urgent need to examine the merits of the show cause notices issued against the assesseees to ascertain whether the demands issued to them are of interpretational nature or whether there is indeed any mala fide intent on their part to evade duties/taxes and accordingly, decide whether or not to withdraw the ACP status accorded to them.

Mandatory Fixed Pre Deposit

Section 35F of the Central Excise Act, 1944 has been amended to fix the mandatory pre-deposit of 7.5% of duty demanded or penalty imposed or both for filing appeal before the Commissioner (Appeal) and another 10% of duty demanded or penalty imposed or both for filing appeal before the Tribunal subject to a ceiling of INR 10 crore.





An amount of 17.5% of demand plus penalty up to the tribunal stage will get blocked even if the assessee is having a case that holds merit. Deposit of a hefty amount will have an adverse impact on financial health of an organization and also on industrial growth.

IEEMA Recommended

A nominal deposit up to 2% of demand at each stage should be considered; alternately, an option of bank guarantee instead of deposit should be allowed.

Central Excise Valuation (Determination of Price of Excisable Goods) Rules, 2000

A provision is added in the Rule 6 of the Central Excise Valuation (Determination of Price of Excisable Goods) Rules, 2000 by notification no. 20/2014 CE (N.T.), dated 11.7.2014, that in cases where excisable goods are sold at a price below the manufacturing cost and profit and there is no additional consideration flowing from the buyer to the assessee directly or from a third person on behalf of the buyer, the value for the assessment of duty shall be deemed to be the transaction value.

The provision calls for additional work of obtaining cost certificate for each such case and compare with transaction value. This will increase the cost & clearance time. Market penetration was perceived as an additional consideration in the Supreme Court decision in the case of FIAT India Ltd. in 2012.

IEEMA Recommended

Parameters to verify additional consideration be provided to avoid disputes. The clarification should be provided for keeping only calculated values in soft format and non-obtaining the cost certificate in CAS-4 format.

Increase in Abatement Rate for MRP Based Excise Duty

Abatement on electrical goods under chapter 8536 is 35% at present. Since the supply chain is long and some discount needs to be passed on to the buyers in view of stiff competition,

the manufacturers of electrical switchgears are forced to bear the duty incidence.

IEEMA Recommended

Abatement on electrical goods under chapter 8536 at Sr. no. 100 of notification number 49/2008-C.E. (N.T.) dated 24.12.2008 as amended should be raised to 50% considering the above aspects.

Classification of Product – coverage of definition

The Central Excise Tariff does not contain any definition of Pump-set (Chapter Heading 8413). Particularly, in case of pump manufacturers, this creates lot of difficulties. As per the established Law, a pump-set consists of (i) Mono Block Pump-Set and (ii) Bare Shaft Pump, Prime Mover (either Engine or Motor) and Coupling. Due to technological developments as well as because of the changing needs of the customers due to environments and usages, the manufacturers develop the product but are unable to classify the same appropriately because of the limitations of the definitions in the Tariff.

IEEMA Recommended

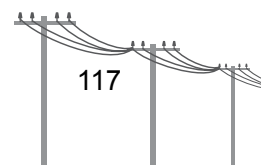
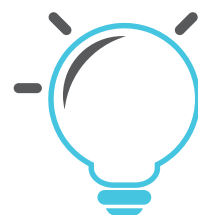
The classification of product should be enlarged to cover all such aspects to eliminate litigation.

Recovery proceedings pending disposal of Stay Petition

Central Board of Excise and Customs issued Circular No. 967/01/2013-CX, dated, 01.01.2013, instructing Departmental officers to initiate recovery proceedings in cases where the assessee has not filed an application for stay or has not obtained a stay order or on lapse of a specified period of time after passing of stay order.

IEEMA Recommended

On grounds of natural justice CBEC Circular No. 967/01/2013-CX dated 01.01.2013 be withdrawn and departmental officers be instructed not to resort to coercive action





during pendency of applications for Stay or in cases where Stay Order has been granted but the matter is pending disposal.

Limited validity of Stay Order passed by the CESTAT in terms of Sub-section (2A) of Section 35C of the Central Excise Act

Sub-section (2A) of Section 35C of the Central Excise Act prescribes that in case of a stay granted by a Tribunal, if the related appeal is not disposed off within a period of 180 days from the date of grant of stay, then, based on an application made by the party, the Tribunal can extend the stay for a further period of 185 days. Such extension will be granted by the Tribunal only in cases where the delay in disposing off the appeal is not attributable to the fault of the applicant party. However, Stay, will stand vacated if the appeal is not disposed of within the total period of 365 days from the date of grant of stay.

Further TRU, dated February 28, 2013 has clarified that after the stipulated period of 365 days, stay order shall stand vacated even if the disposal of the case is pending for no fault of the assessee.

Provisions regarding disposal of appeals within specified period and stay orders being vacated after the said period are essentially made for the purpose of discouraging the assessee from continuing to avail the benefit of the interim stay order in their favour by purposely delaying the disposal of appeal proceedings.

IEEMA Recommended

The provision, resulting in unnecessary routine formality, additional paper work and wastage of CESTAT time, should be repealed. As an alternative, it could be clarified that the provision regarding stay order being vacated after the specified period of 365 days, would not be applicable in cases where the delay in disposal of appeal is not on account of any act or omission on the part of the assessee.

Exemption Notifications

The exemption notifications issued by the government are of two kinds viz. conditional

and unconditional. In case of conditional exemption notifications, the manufacturer is required to pay an amount of 6% of sales price in lieu of central excise duty. There is no provision in law/rules to recover the said amount from the customer. Therefore, it becomes a straight financial loss to the manufacturer.

IEEMA Recommended

In case of all conditional notifications, the law/rules should be amended in such a way that the manufacturer is directed to pay the central excise duty at appropriate rates at the time of removal of the goods and the recipient of goods be allowed to claim refund of the said amount on the basis of 'Duplicate for Transporter' copy of the invoice of the manufacturer. This is in line with the lodging of claim with DGFT for refund of terminal excise duty on supplies under 'deemed export'. Alternately, instead of granting full exemption, excise duty of 5% should be levied on such goods for operational convenience.

Transfer of Credit by Large Taxpayer Units

Inter-unit transfer of CENVAT Credit by large Tax Payer Units (LTUs) was disallowed.

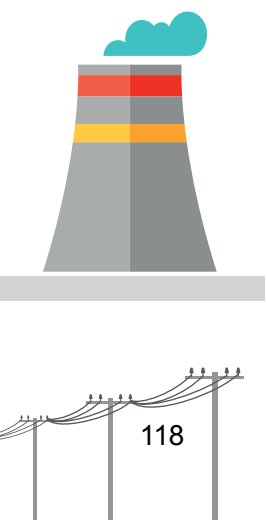
Large Tax Payer Units, with multiple manufacturing locations, will accumulate CENVAT Credit balances which cannot be utilized by a concerned location. On the other hand, other manufacturing locations of the same manufacturer will have to discharge their duty liabilities in cash.

IEEMA Recommended

Large Tax Payer Units should continue to have the benefit of inter-unit transfer of CENVAT Credit. Additionally, all assessee other than LTUs should, at their option, be allowed to transfer CENVAT Credit of all eligible duties amongst the different registered premises (under both Excise and Service Tax) provided these registrations are of same legal entity.

Unit of Measurement for tariff items

Under the Central Excise / Customs Tariff, the units of measurement of many Tariff entries





of engineering goods have been changed from “kg” to “u” and from “kg” to “m”. This is welcome change and conversion of unit of measurement is required for a few more tariff lines.

IEEMA Recommended

Unit of Measurement for tariff items under 85371000, 85372000, 85381090, 85389000 and heading 8480 should also be changed from “kg” to “u”.

CENVAT credit on endorsed Bill of Entry and Invoice

CENVAT credit of the CVD paid was allowed earlier based on the endorsement on the Bill of Entry in favour of the manufacturer. This provision was very useful in availing the CENVAT Credit by the manufacturer other than the importer. Commissioner of Customs (Imports) Mumbai, vide Public Notice No 16/2006-Customs, dated 22.03.2006, dispensed with the practice of endorsement of Bill of Entry by customs officer in favour of the manufacturer who is other than the importer.

IEEMA Recommended

Rule 9(1) (c) of the CENVAT Credit Rules may be suitably amended to include the endorsed Bill of Entry as a valid document for availing CENVAT Credit. Also the same should be incorporated under the EDI system. Simultaneously, Public Notice No 16/2006-Customs dated 22.03.2006 of the Mumbai Customs should be withdrawn.

Computer generated invoices/other documents, without any signature should be included in the list of documents for availing credit.

Modalities for Transfer of CENVAT Credit under rule 10 of CENVAT Credit Rules, 2004

Central Excise Act / CENVAT Credit Rules does not contain any explicit provision for transfer of CENVAT credit, when a manufacturer or provider of output service shifts his factory or transfers his business on account of sale, merger, amalgamation, lease or transfer to

joint venture, with a specific provision for transfer of liabilities of such business. The rule only requires that the inputs and / or capital goods transferred are duly accounted for at the new location to the satisfaction of the Deputy / Assistant Commissioner of Central Excise.

However, Central Excise Range officers having jurisdiction over factory / premises of transferor unit insist that their approval be obtained before stock of inputs and / or capital goods is transferred to the new location / owner and also threaten to initiate legal action. Even if prior approval is requested by the transferor unit, there is delay in giving the same and as a result of it; assessee has to pay duty in cash even if the transferred CENVAT credit is legitimately available for utilization.

IEEMA Recommended

A provision may be introduced so that credit should automatically be treated as transferred or provision should be made for transfer of unutilized credit on transfer challan in line with Rule 10A of CENVAT Credit Rules, 2004.

Amendment in Rule 14 of CENVAT Credit Rules 2004

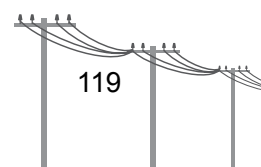
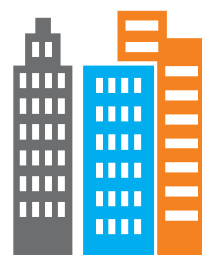
The amendment in Rule 14 of CENVAT Credit Rules is a bold step in the right direction. However, the proposed amendment of charging interest only on the utilised portion of wrongly availed credit is effective from 1st April, 2012 only whereas it should be with retrospective effect as if it was there in the CENVAT Credit Rules since inception.

IEEMA Recommended

This amendment should be made with retrospective effect, so that the pending cases would automatically get resolved.

Rate of Central Sales Tax

Central Sales Tax rate of 2 per cent is continuing since 2008, though the rate was expected to be reduced to 1 per cent with effect from 1st April, 2009 and to Nil.





IEEMA Recommended

CST rate be reduced to 1%.

Levy of Central Sales Tax on supplies made against Invalidation Letter

All duties and taxes are exempted when goods imported against Advance / EPCG Authorization; but when they are procured domestically against Invalidation Letter, CST is applicable at the 2% is applicable which is an extra cost.

IEEMA Recommended

Above CST should be exempted.

Pending Appeals prior to VAT Regime

The appeal proceedings are pending with various state tax authorities prior to VAT regime i.e. before 1st April, 2005 on account of non-submission of CST declaration during assessment proceedings. The scheme should be introduced like amnesty and States can clear their pending cases before implementation of CST.

IEEMA Recommended

The pending liability of CST Differential tax due to non-submission of declaration asked to be paid and interest and penalties may be waived off.

Extend Service Tax Exemption to Power Sector

Service Tax exemption is available for construction of infrastructure facilities such as roads, airports, ports, railways, transport terminal, bridges, tunnels and dams, under Mega Exemption Notification no. 25/2012 dated 20th June 2012.

Construction activities undertaken in relation to setting up of power projects are liable to be taxed.

IEEMA Recommended

Being an important infrastructure sector, works contract related services for power generation, transmission & distribution be exempted from payment of service tax.

Rate of Interest

A simple rate of interest is charged for delayed payment of service tax (18% per annum up to 6 months; 24% per annum for next 6 months and 30% per annum beyond 1 year).

Sometimes due to interpretation/lack of clarity issue, the service tax payment is delayed. Also, few amendments are issued which go un-noticed for some period. Provision of very high interest rate will be counterproductive to the promise of igniting growth and simplifying compliance requirements. The period wise different rate of interest will also lead to confusions.

IEEMA Recommended

Retain a uniform rate of simple interest at the rate of 18% per annum in line with Central Excise Act, 1944 to avoid the complexity in calculation.

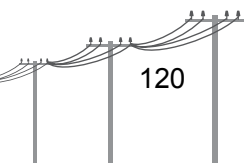
Definition of input service and its eligibility under CENVAT Credit Rules, 2004

The Finance Act 2012 had proposed radical changes in the legal provisions governing service tax and services are taxed unless specified in the negative list.

However, the 'Input Services Definition', is not aligned to this structural change leading to cascading effect and double taxation. Such as in case of many input services, CENVAT Credit is not made available to manufacturers. Similarly, under reverse charge, denial of CENVAT Credit to the service provider is against the stated policy of CENVAT Credit itself i.e. rent-a-cab, security & manpower, GTA medical/health insurance and catering services, since these services are used in relation to business of a service provider or manufacturer.

IEEMA Recommended

The definition of 'input services' in CENVAT Credit Rules, 2004 should be amended by incorporating "Credit of service tax shall be allowed if such expenses are included as cost component in assessable value of the product / services for payment of excise duty / service tax".





Point of Taxation - Reverse Charge mechanism

With effect from October 1, 2014, in case of reverse charge, the point of taxation is the payment date of invoice or the first day that occurs immediately after a period of three months from the date of invoice, whichever is earlier.

Where the payment to the vendor is delayed on account of long credit term/ genuine dispute or in cases where payment is eventually not made, the liability would get triggered earlier.

IEEMA Recommended

Liability under reverse charge mechanism be generated only consequent to payment of the invoice or six months from the date of Invoice, whichever is earlier to the service provider.

Exports to Nepal and Bhutan

One of the condition to be treated as export of service is that payment should be received in foreign currency.

Services are required to be exported to neighboring countries like Nepal, Bhutan, etc. and these countries are not in a position to pay for the services in convertible foreign exchange.

IEEMA Recommended

Payment in convertible foreign exchange including in Indian rupees and local currency may be allowed to qualify as export when services are provided to neighboring countries.

Adjustment of Service Tax on bad debts

Presently, Service Tax Rules 1994 allows for an adjustment of service tax where an assessee has issued an invoice, or received any payment, against a service to be provided which is not so provided by him either wholly or partially for any reason, or where the amount of invoice is renegotiated due to deficient provision of service, or any terms contained in a contract. However no

adjustment is allowed for bad debts incurred by a service provider. In case of a bad debt, the service provider bears a double-blow. Not only the service provider loses on the amount due from the service recipient but is also required to pay Service Tax from his own pocket for a service for which he receives no consideration.

IEEMA Recommended

Suitable amendment be introduced to allow adjustment of Service Tax on invoices in case of bad debts, on lines of Income Tax Act.

Introduction of 1% composition scheme for payment of service tax on works

Under the State VAT laws, an option is available to the dealer to pay VAT at a lower rate of 1% to 5% (depending on the nature of works contracts) on lump sum consideration received on execution of works contracts.

IEEMA Recommended

A similar composition scheme for payment of service tax at lower rate of 1% on the lump sum consideration received on execution of works contracts be introduced under the Service tax law to provide relief to all assesses / dealers engaged in the execution of works contracts.

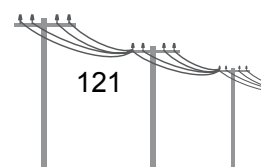
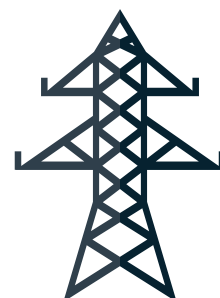
Amendment to CST Act - Statutory Forms

Amendment made to Rule 12 of the CST Act makes it mandatory to issue/collect single declaration form for all transactions of sale for each quarter of the year.

This has created a lot of hardship and increased the non-value added work of dealers, who are also harassed for non-submission of forms. Also, many State Governments do not have sufficient stock of the forms viz., F forms/C forms, E1/EII forms etc.

IEEMA Recommended

The amendment made to Rule 12 of the CST Act be withdrawn or the statutory forms be generated online in place of physical forms.





Exemption of Central Sales Tax / Value Added Tax on Mega Power Projects

Goods supplied by foreign suppliers do not attract CST / VAT, whereas, domestic supplies attract 2% CST and VAT varying from 4% to 14.5%. An office memorandum issued by the Ministry of Power had advised the State Governments to exempt supplies made to Mega Power Projects from levy of local taxes.

However, some project authorities and customers do not accept this de-loading principle and evaluate bids taking these levies into account.

IEEMA Recommended

Mega / Ultra Mega Power Projects should be mandatorily exempted from levy of CST / VAT by making a provision in the CST Act itself.

Issues faced in obtaining GR waiver

Exports of main equipment are generally under warranty replacement for a period stretching to five years. In cases of such warranty replacement, any spares supplied as replacement are exported free of cost, necessitating GR waiver to the extent of value of such spares.

Obtaining the GR waiver from RBI is pretty cumbersome process as there is an insistence for bringing back the defective spares in such transactions. However, Foreign Trade Policy does not allow bringing back used spares and consequently, the assessee is put to lot of hardship.

IEEMA Recommended

No GR waiver should be insisted upon since the cost of replaced spares is already factored into the price of export goods, which is realised as export proceeds.

Delay in disposal of appellate proceeding at Commissioner Appeals/CESTAT

There are undue delays in disposing-off proceedings pending before various Appellate Authorities like Commissioner Appeals/CESTAT on account of various reasons such as:

- Inadequate bench strength or a very conservative approach of departmental officers in taking matters to litigation (for decision) instead of disposing of the matter rationally at the adjudication stage taking cognizance of factual matrix, judicial precedence and CBEC circulars/ instruction.

This leads to huge piling of matters at various appellate forums leading to prolonged uncertainty and ambiguity on the topic under dispute.

IEEMA Recommended

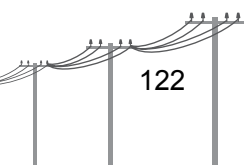
There is a serious need of robust Appellate mechanism in the country to ensure speedy disposal of proceedings. This could be achieved either by increasing the bench strength of CESTAT or by introducing the concept of fast track Courts for disposing off high value litigation. In addition, departmental officers should be sensitized about the repercussions, on the trade in general, by not undertaking appropriate due diligence at the adjudication stage and thereby putting pressure on the entire appellate system (which results in either denying or significantly prolonging justice).

Introduction of time limit for adjudication of show cause notices

All indirect tax levies incorporate a mechanism for recovery of taxes short-paid or short-levied or non-paid or non-levied. While the Department has been zealously issuing show cause notices for the same, adjudication thereof is kept pending for years. The prolonged adjudication process adds to the period of delay which coupled with progressive rate of interest burdens the assessee with undue financial hardship for no fault of its own.

IEEMA Recommended

Suitable amendments be made to introduce time bound adjudication of show cause notices, especially in cases where the delay in adjudication cannot be attributed to the assessee.





Special Audit under Service Tax / Central Excise

Section 72 of Finance Act provides arbitrary and unguided power to order for special audit at the discretion of Commissioner. "Reasons to believe" having been not defined is wide open for interpretation by the field formation. Also Section 14 of Central Excise Act has similar provision.

This audit is in addition to other existing audits like Departmental Audit, EA-2000 Audit, Tax, Investigation by Tax-Evasion Dept. CERA Audit, and Investigation by DGCEI. All these Departments would audit/investigate same records and burden the assessee.

Responding to frequent audits / investigation including the proposed special audit demands increasing administrative function and engagement of more man power resulting in further burden on the assessee.

IEEMA Recommended

This section of special audit should be withdrawn. The multiple audits faced by assessee may be curtailed to maximum 2 Audits.

Supply of goods to SEZ Units/Developers/ Co-Developers by sub-contractors / sub-vendors

As per section 8(8) of Central Sales Tax Act 1956, there is exemption of CST for supply of manufactured goods to SEZs against form 'I'. Section 26 of SEZ Act, read with Rule 10 of SEZ Rules, allows exemption of CST to sub-contractors.

However, there is no corresponding provision in the CST Act to grant such exemption to sub-contractors/sub-vendors supplying goods to SEZ units/developers/co-developers.

IEEMA Recommended

CST Act be amended to include issuance of form I to both contractors and sub-contractors. Certificate 1 and 2 in Form I should also be modified suitably in line with amended provisions.

B. DIRECT TAXES:

Increase Depreciation Rate and Time Limit for Investment Allowance

Machinery used in electrical industry is extensively technology oriented and susceptible to frequent technological changes. Industry has to adopt new technologies at a faster rate, to remain competitive nationally and internationally.

IEEMA Recommended

Higher and accelerated depreciation should be allowed for construction equipment at construction sites @ 30% so that the equipment can be written off in 10 years. This will enable companies to bring in better technology in manufacturing sector where newer technologies can reduce project cycle time.

Difficult Terrain Exemption

Some organisations execute projects under difficult terrains and adverse political environments in countries like Afghanistan, Iraq, Africa or States like Jammu & Kashmir and North Eastern States.

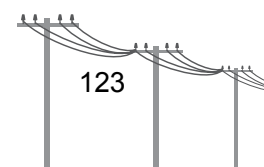
IEEMA Recommended

The Government should allow a special exemption or deduction for the organizations working under these conditions in order to encourage them to undertake projects in such regions.

New Section for allowability of deduction of expenses on Corporate Social Responsibility

The amended Companies Act has mandated certain companies to spend at least 2% of average net profits of the company towards Corporate Social Responsibility. Certain Corporate Houses are already incurring expenses for the purpose which has now been referred to as CSR activity. As per the modified provisions of section 37(1) with effect from A.Y. 2014-15, CSR expenditure incurred by the assessee shall not be deemed to be for the purposes of business. Accordingly, the same shall be disallowed.

This has created hardship for the diversified conglomerates as identifying the areas / activities





which are not related to the business poses a serious challenge.

IEEMA Recommended

Existing provisions of section 37 should be suitably modified to allow deduction in respect of expenses (capital as well as revenue) incurred on CSR whether or not the same has been “laid down or expended wholly and exclusively for the purpose of the business” as it is for the benefit of society at large.

Corporate Tax

Spending INR 100 Crore in a period of 2 years, from 1-4-2013 to 31-3-2015, is applicable to big industry only and midsize industry will not get the benefit of this. Time period allowed for this is also less, as a project requires many clearances.

IEEMA Recommended

Allow more flexibility to newly introduced Section 32 AC.

Tax Deduction at Source

Reduce Corporate TDS rate for contractor from 2% to 1%. Contracting / Sub-contracting businesses do not have sufficient margin or cash flow to withstand a deduction of 2% from their fund flow.

Dispute Resolution Measures

One of the key concerns of the taxpaying community is the prolonged litigation, the length of time it takes to resolve a dispute, the need to make on account payments in the interregnum, etc.

The Dispute Resolution Panel and the Mutual Agreement Procedure in the context of Direct Taxes have not proved effective mechanisms in this regard. The fact that multiple benches of ITAT/High Courts give differing decisions has not helped the cause of the taxpaying community.

IEEMA Recommended

There be a ‘conciliation bench’ which can be approached by a tax payer to help ‘settle’ tax

disputes. This will ensure that where a tax payer has already got a favourable resolution of a dispute on a matter, the dispute is not continued in the later years as a matter of routine. Similarly, non-resident tax payers can focus on quantum of profits attributable to a Permanent Establishment or the adjustment on a Transfer Pricing issue. Industry has observed that the assessing officers tend to display a revenue bias in adjudicating tax disputes. It is suggested that the adjudicating officers should be disengaged from the duties of revenue collection.

MAT Tax Rate

Presently Corporate Tax rate for Indian companies is 33.99%. Minimum Alternate Tax rate for Indian companies is 20.96%. The ratio of MAT which is considered as is too high as compared to normal tax rate.

IEEMA Recommended

MAT rate should be restricted to 50% of the normal tax rate.

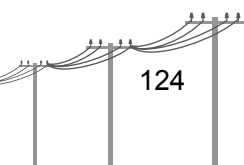
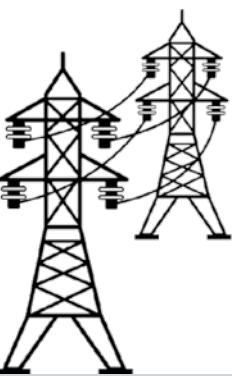
(Some of the IEEMA pre-budget recommendations were addressed in the Budget 2016-17, which are hereunder:

Excise Duty on electric motors, shafts, sleeve, chamber, impeller, and washer required for manufacturing of Centrifugal Pump reduced from 12.5% to 6%. More than 50% of such pumps are used in agricultural sector which will make their production cheaper.

Basic Customs Duty on 206 tariff lines under Chapter 84 and 85 was increased from 7.5% to 10%. This was requested by IEEMA to combat surge in imports.

Interest rate on delayed payment of duty and tax across all indirect taxes rationalised at 15%, (except in case of Service Tax collected but not deposited at 24%). IEEMA had requested to rationalise and make uniform interest rate of 18%.

CENVAT Credit Rules 2004 amended to enable companies with multiple manufacturing units to maintain a common warehouse for inputs and also transfer unutilised CENVAT Credit to other manufacturing units.





MAJOR REPRESENTATIONS:

1. Amendment of Procurement Policy under Domestic Funding

The Mission Plan for Electrical Equipment Industry 2012-22 had recommended that in all domestically funded projects, the Indian utilities should procure electrical equipment from domestic / local manufacturers through local / domestic competitive bidding.

IEEMA represented the matter to the Government of India for amending domestic procurement policy in accordance with Mission Plan recommendations.

Outcome

(Based on IEEMA recommendations, Central Electricity Authority, under Ministry of Power, Government of India, issued guidelines to all Central and State Utilities on the following lines: In domestically funded projects procurement of equipment / material should be from domestic / local manufacturers through local competitive bidding. If at all ICB is to be resorted to the quoted price should invariably be in Indian Rupees only to create a level playing field. In absence of domestic manufacturing capability, foreign suppliers may be allowed in the tendering process provided a consortium / JV is formed with an Indian bidder and shall have to establish manufacturing facility in India within a specific time frame and ensure transfer of technology in phased manufacturing programme. Foreign manufacturers / suppliers should produce a performance certificate from an end user located in a third country. PFC and REC should ensure that utilities follow a two-part bidding / e-tendering in procurement process. Efforts to get the policy implemented will be a priority for IEEMA).

2. National Capital Goods Policy

During the making of National Capital Goods Policy by the Department of Heavy Industry, Government of India, three Sub-Groups, namely, Demand Creation; Technology Depth and Trade & Exports were set-up for in-depth study of capital goods industry and also give recommendations for formulation of a draft National Capital Goods Policy.

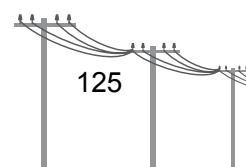
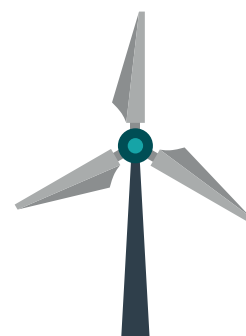
IEEMA was part of all the said sub-groups and submitted its recommendations on all these areas of policy formulation.

Outcome

(IEEMA recommendations were accepted by the Department of Heavy Industry, Government of India, and were incorporated in the final National Capital Goods Policy. These were: Procurement of electrical equipment under local competitive bidding and not under Internationally Competitive Bidding in domestically funded projects. Follow two-part two-part bidding process / e-tendering. Mandate testing of foreign equipment CPRI and ERDA. Foster collaborative R&D with application across the sector. Extend Phased Manufacturing Programme for another 3 years. Cover higher percentage of incentives to electrical and mechanical power generation equipment under Merchandise Exports from India Scheme. Upgrade testing and calibrating infrastructure in the country. The National Capital Goods Policy was further cleared by the Cabinet. Efforts to get the policy implemented will be a priority for IEEMA).

3. Increase of Basic Customs Duty of Electrical Equipment to 10%

IEEMA members manufacture electrical equipment representing 273 tariff lines (under 8 digit HS Code). Out of these 273 tariff lines; 13 tariff lines are at 0%





basic customs duty under Information Technology Agreement and would remain at 0% as per ITA agreement; 5 tariff lines are at 5% basic customs duty; 223 tariff lines are at 7.5% basic customs duty; and 32 tariff lines are already at 10% basic customs duty.

IEEMA had represented to the Government of India for increasing the basic customs duty of electrical equipment to peak rate of 10%, wherever these were lower than the same, giving product wise justification, keeping domestic surplus manufacturing capacity and imports in view. This exercise was done to help the industry in combating surge in imports of electrical equipment.



Outcome

(On recommendations of IEEMA, Government of India increased the basic customs duty of 206 electrical equipment from earlier existing rate of 7.5% to the peak rate of 10% in Budget 2016-17.

4. Inverted Duty Structure and Anomalies in Indian Electrical Equipment Industry

On the basis of inputs received from members, IEEMA represented to Tariff Commission, under Ministry of Commerce & Industry, Government of India, some instances of inverted duties and anomalies prevailing in the electrical equipment manufacturing industry. IEEMA officials also had meetings with the Tariff Commission in this regard.



Outcome

(On recommendations of IEEMA, Government of India removed inverted duties on Insulators & Insulated Cables in the Budget 2015-16. Tariff Commission is presently studying instances of inverted duty in manufacturing of electrical transformers. The matter is under active consideration).

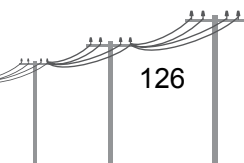
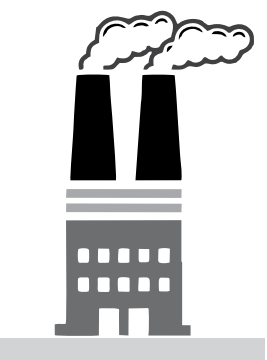
5. Non-Recognition of Test Certificates of Central Power Research Institute in some Foreign Countries

Indian manufacturers of electrical equipment are required to perform design and acceptance tests of their products. Laboratories of Central Power Research Institute (CPRI) perform these tests.

However, many customers in countries outside India do not accept test reports of CPRI. Buyers from those countries insist on testing and certification in other international laboratories outside India. Some countries insist on type-testing of equipment by ASTA, UK; KEMA, Netherlands; CESI, Italy, etc.

The testing costs at these foreign laboratories are very high and consume a huge amount of working capital, besides transportation cost of equipment to these countries. Indian manufacturers have to send their equipment abroad for testing, and as a result, not only do the products become costlier but it also becomes impossible to meet the delivery schedules. Additionally, either Indian EPC contractors cannot participate in the tenders of these countries or they participate but offer equipment from other countries.

Based on feedback received from industry, IEEMA represented the matter to the Government of India and submitted a list of countries where CPRI test certificates were not recognized.





Outcome

(Based on IEEMA representation, the Department of Commerce and Ministry of External Affairs, Government of India, took up the matter with utilities in these countries through Indian Missions. Also the Ministry of Power conducted joint meetings of CPRI, Industry Members and Department of Commerce and brought out some action points for getting recognition of CPRI abroad. CPRI is promoting itself and gradually achieving accreditation of foreign testing agencies. The matter is under active consideration).

6. Safeguards Duty on imports of Not-Alloyed Ingots of Unwrought Aluminium

A petition was filed by domestic aluminium producers, comprising of Hindalco, SESA Sterlite and BALCO before the Director General (Safeguards) for imposition of a Safeguard Duty on imports of Not-Alloyed Ingots of Unwrought Aluminium (PUC) into India.

Safeguards Duty, if imposed on PUC, would have serious repercussions on downstream manufacturing industries, since it is a major raw material for manufacturing of Conductors, Cables and Capacitors which are further supplied to various power and infrastructure projects.

Downstream manufacturing industries provide larger employment and have much more potential than the aluminium producers (around 3,000 small, medium and large scale manufacturers in conductor and cable manufacturing sector alone, employing 2 million people). Protecting the aluminium producers at the cost of downstream user industry of aluminium, would have adversely affected the competitiveness and employment opportunities of the latter.

Moreover, imposition of Safeguards Duty would have created an inverted duty as raw material (aluminium) would have attracted a higher duty, while the finished goods (conductors, cables and capacitors) would have attract a lower duty.

IEEMA represented the viewpoints of user industry on the above lines requesting non-imposition of Safeguard Duty on imports of Not-Alloyed Ingots of Unwrought Aluminium.



Outcome

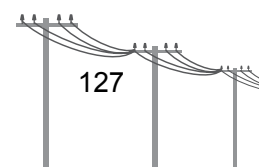
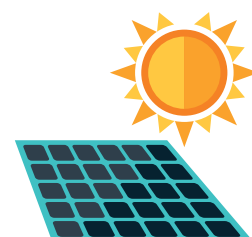
(Based on IEEMA representation, decision for imposition of Safeguards Duty on PUC was put on hold and the concerns of downstream industries are under active consideration of Government of India.)

7. Adoption of IS 12615:2011 as Mandatory Standard for Energy Efficient Motors

The electric motors manufactured in India conform to the Indian Standard IS 12615, which was harmonized in August 2011 with Global IEC standard 60034-30 for the efficiency classes (IE2 and IE3) and testing methods. IS 12615 is a voluntary standard, whereas the relevant IEC or equivalent international standards are mandatory in most of the countries e.g. EU, USA, Japan and China.

The above countries manufacture and sell only efficient motors in their countries, whereas freely export below IE2 level motors to countries such as India, as there is no mandatory standard of high efficiency IE2 motors in our country. This had been causing serious injury to domestic manufacturing capacity.

IEEMA represented the matter to Department of Industrial Policy and Promotion, Ministry of Commerce and Industry, Government of India, for notifying IS 12615:2011 as Mandatory Standard for Energy Efficient Motors.





Outcome

(The matter is under active consideration of the Bureau of Indian Standards and the Department of Industrial Policy & Promotion, Government of India).

8. Mandatory Standards for 15 items under voluntary standards

The Department of Commerce, Government of India, had consulted all trade and associations, including IEEMA, to suggest products for mandatory standards from the list of 946 voluntary standards.

IEEMA collected inputs from entire membership and recommended 15 products, comprising of Cables and Capacitors, for mandatory standards.

The Department of Commerce forwarded these recommendations to the Department of Industrial Policy & Promotion for notifying these standards as mandatory.



Outcome

(The matter is under active consideration of the Bureau of Indian Standards and the Department of Industrial Policy & Promotion, Government of India).

9. Rules of Origin under Regional Comprehensive Economic Partnership

Regional Comprehensive Economic Partnership (RCEP) – a comprehensive Free Trade Agreement; is going to take place between the 10 Member States of ASEAN and its 6 FTA partners, viz. Australia, China, India, Japan, Republic of Korea and New Zealand.

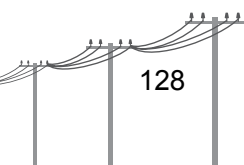
The Department of Commerce, Government of India, had sought inputs from all stakeholders on Product Specific Rules of Origin (PSR) and the reasons thereof.

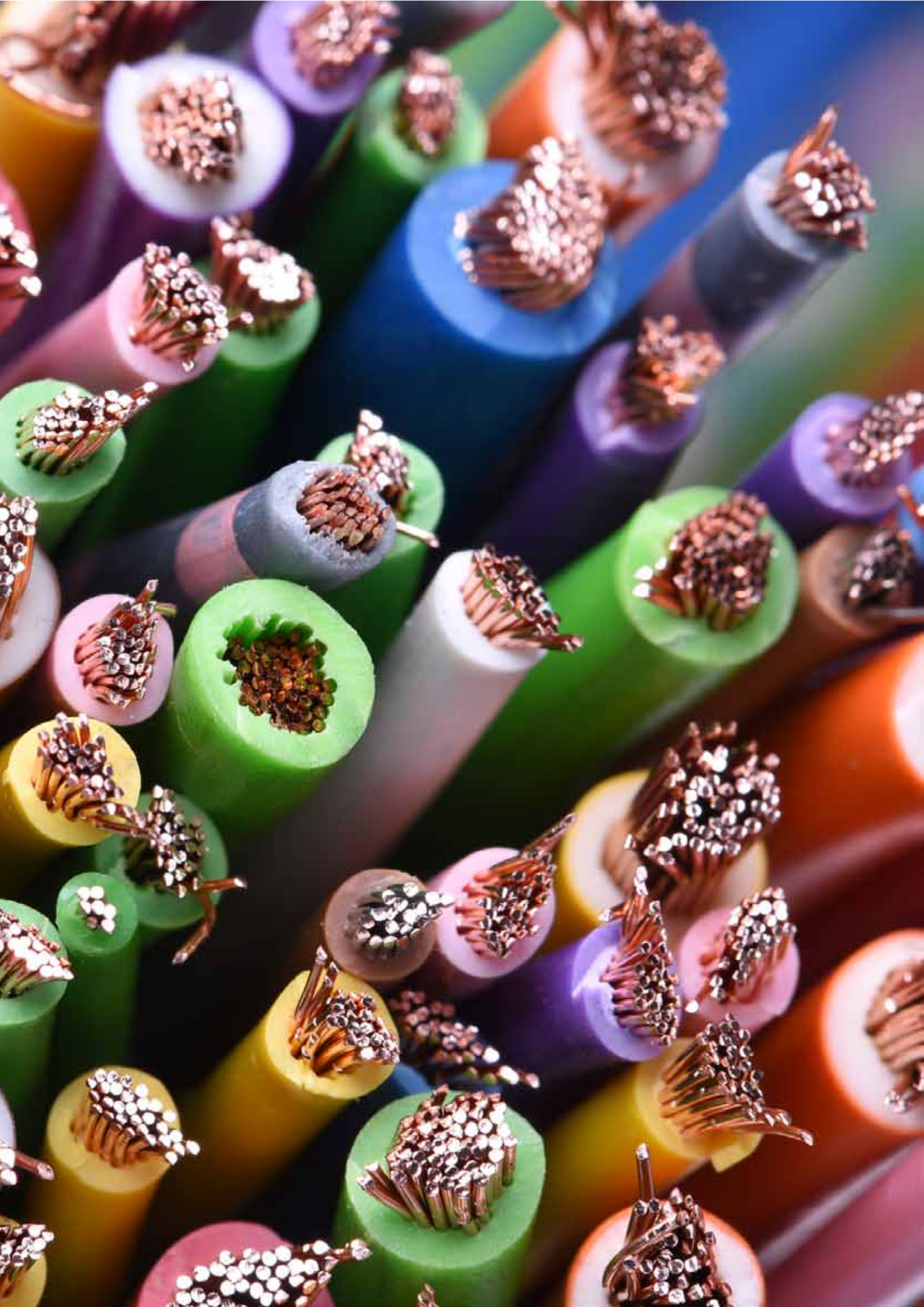
IEEMA submitted its recommendations to the government that Product Specific Rules for 273 products manufactured by IEEMA members (under 8 digit HS Code), be “Change in sub-heading (CTSH) at the six digit level from any other heading, plus a Regional Value Content (RVC) of not less than 40 per cent”, along with its justifications.



Outcome

(IEEMA submission was accepted and is under active consideration of Department of Commerce, Government of India).





Indian electronics expo targets EAC



KAMPALA, Uganda - ELECRAMA, the world's largest one stop-shop for electronics and industrial electronics has called on entrepreneurs, companies, energy ministries and agencies in East Africa, to take part in the ELECRAMA - 2016 expo due for February 13th to 17th in Bengaluru India and harness opportunities there.

The organisers said ELECRAMA is an important platform for a world view on technology, best practices, the systems and forecasting the trends in the future of electricity held once in two years. Bengaluru of Bangalore is India's technology hub on the south east coast.

Aaditya R Dhoot, Chairman, ELECRAMA said, "ELECRAMA-2016 is an ideal venue for people, technologies, policy makers, academics and students to connect with the world's leading companies, technologies and opportunities within the energy sector."

13 నుంచి 'ఎలక్ట్రామా-16'

సాక్షి, బెంగళూరు: ఎలక్ట్రానిక్ రంగంలో అందుబాటులోకి వచ్చిన అత్యున్నత సాంకేతిక పరిజ్ఞానాన్ని ఈ రంగంలోని వ్యాపారులతో పాటు సంజనిరింగ్ విద్యార్థులకు సచేయడం చేయడానికి లుగా ఇండియన్ ఎలక్ట్రానిక్స్ అండ్ ఎలక్ట్రానిక్స్ సొసైటీ ఆఫ్ ఇండియా (ఎఐఈఎఐఎ) వస్తు ప్రదర్శన ఏర్పాటు చేసుంది. నగరంలోని బెంగళూరు అంత వస్తు ప్రదర్శన కేంద్రంలో ఈనెల నుంచి 17 వరకు జరుగుతుంది. ఈ ప్రదర్శన దేశంలో పాటు ఎలక్ట్రానిక్ రంగంలో ఉన్న వివిధ దేశాలకు చెందిన సంస్థలు పాల్గొన్నాయని వరుసాంపి అధ్యక్షుడు బాబు బాబిల్ బాబిల్ జరిగిన ప్రేక్షకులను బాబు బాబిల్ (ఎడమ వైపు నుంచి ఆరవవ్యక్తి)

Minister gives a stern warning to power equipment manufacturers

Will be blacklisted if there is any compromise on the quality of the material, says Piyush Goyal

B.S. SATISH KUMAR

BENGALURU: Union Minister of State for Power Piyush Goyal on Saturday warned electrical equipment manufacturers and suppliers of "running down their business" by blacklisting them throughout the country if they try to compromise with quality by using second-grade materials.

Inaugurating 'ELECRAMA-2016', which covers various aspects of power sector, here, the Minister made it clear that the Centre would not tolerate compromise in quality as that would affect services as well as life of the equipment.

He particularly warned against use of low-grade materials and recycled copper in transformers and other power equipment. The Centre would take measures to ensure that such suppliers, found wanting in quality parameters, were banned not just from Central establishments, but also in the State sector, he said.

Mr. Goyal asked the State governments to draw up a plan of action for providing power connection within 15 days of receiving the request. By 2019, the country wanted



Union Minister of State for Power Piyush Goyal at a summit in Bengaluru on Saturday. — PHOTOS PTI

सरकारी दरों के साथे सस्ता सौरशक्ति तैरिते लखनौ बिड़

इ सभा: केन्द्रीय सरकार दरों के साथे सस्ता सौरशक्ति तैरिते लखनौ बिड़. सरकारी दरों के साथे सस्ता सौरशक्ति तैरिते लखनौ बिड़. सरकारी दरों के साथे सस्ता सौरशक्ति तैरिते लखनौ बिड़.



बाजार दर

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300 m people have no access to electricity in India: IEEMA

BENGALURU, DHNS: More than 300 million people in India do not have basic access to electricity, said Aaditya Dhoot, Organising Committee Chairman, Elecrama.

Dhoot was speaking at the curtain raiser of Elecrama on Wednesday. "India is today the third largest producer of electricity in the world. But yet 300 million people are deprived of basic access to electricity," he said.



Aaditya Dhoot, DHNS PHOTO

200 exhibitors in addition to more than 100 exhibitors in 2016, he said. "I am overjoyed to announce that Elecrama is now open. We are excited to be a huge success of technology and innovation required for the sector," said Babu Babel, Indian Electronics Manufacturers Association (IEMA). The edition of the show, ELEMA 2016, will be held in Bengaluru from February 13-17, 2016, at the Elecrama provides a world-view on technology, best practices and for terms and for



विद्युत क्षेत्र में 300 करोड़ लोगों को बिजली की सुविधा देना है सरकार का लक्ष्य

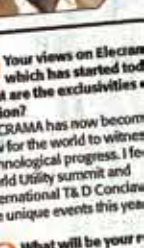
संयुक्त राष्ट्र के अनुसार, भारत में 300 करोड़ से अधिक लोग बिजली की सुविधा से محروक हैं। सरकार का लक्ष्य है कि 2020 तक 300 करोड़ लोगों को बिजली की सुविधा देना।

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युनाइटेड नेशंस

युनाइटेड नेशंस के अनुसार, भारत में 300 करोड़ से अधिक लोग बिजली की सुविधा से محروक हैं। सरकार का लक्ष्य है कि 2020 तक 300 करोड़ लोगों को बिजली की सुविधा देना।

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विद्युत क्षेत्र में 300 करोड़ लोगों को बिजली की सुविधा देना है सरकार का लक्ष्य

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INDIAN ELECTRICAL & ELECTRONICS MANUFACTURERS' ASSOCIATION (IEEMA)

IEEMA is the first ISO certified industry association in India with 800+ member organisations encompassing the complete value chain in power generation, transmission and distribution equipment. Founded in 1948, IEEMA has a pan India presence with its corporate office at New Delhi, registered office at Mumbai and regional offices at Kolkata and Bangalore. IEEMA members have contributed to more than 90% of the power equipment installed in India. The Indian electrical equipment industry size in 2014-15 was in excess of USD 25 billion with exports of USD 5.6 billion.



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