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# ieema journal

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# IEEMA Annual CONVENTION 2024



#### OTHER STORIES:

- ELECRAMA Previews: Lucknow, Rajkot, Coimbatore...
- Focus: RK Tyagi, CMD, POWERGRID
- Interaction: Sunil Mathur, MD & CEO, Siemens Limited
- Insights: Concept of Bonding and Earthing Power Cables; Vibration Monitoring of Power Transformers



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every core.



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**5** Electron beam facilities

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- Hybrid Cables with Fibre Optic & Coaxial
- Tether, Tactical, Torpedo Cables
- TOW, ROV Cables
- Harness: Locomotives, Solar & Automotive and EV

### XLPE ELECTRICAL CABLES

- XLPE Power Cables up to 66kV & 1000 sq.mm
- Medium Voltage Covered Conductors (MVCC)
- LT & HT ABC Cables
- UL Cables (PV/XHWW/URT)

### ELASTOMER & E-BEAM CABLES

- Ship & Submarine Wiring Cables
- Wind Mill Cables up to 33 KV
- Solar Cables as per TuV/EN/IEC/UL Specs
- Mining, Welding, Trailing Cables

### OPTIC FIBRE CABLES

- Unitube & Multitube Cables
- Tight Buffer & Breakout Cables
- FTTH Cables
- Fire-resistant/Survival Optic Fibre Cables



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- ⊕ Junction Boxes, Cable Glands and Profile rails
- ⊕ Beam Clamps and Wire Rope Suspension Systems
- ⊕ Solar Module Mounting Systems

## Building Installations

- ⊕ Halogen free Wall trunking Systems
- ⊕ Underfloor Systems
- ⊕ Service poles for power & data
- ⊕ Suspended power supply units - Hover Cube



## Safety and Protection Installations

- ⊕ Surge Protection Devices
- ⊕ Lightning Protection Systems
- ⊕ Earthing Systems
- ⊕ Passive Fire Protection Systems

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Building Connections

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Industry experts at IEEMA's Annual Convention discussed the power sector's transition and opportunities, effective change management for successful enterprises, the journey towards a sustainable future, ways to scale up organisations, among others...

## SPECIAL REPORT

### Milestone: Renewable Energy Capacity Hits 200 GW in India

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Renewable energy now constitutes 46.3 percent of the country's total capacity, reflecting a major shift in India's energy landscape.

## FOCUS



**"There will be no transition without transmission of power."** 36

- RK Tyagi, Chairman & Managing Director, POWERGRID

## INSIGHT

### Vibration Monitoring of Power Transformers

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## SPECIAL REPORT

### Boosting Exports

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IEEMA JOURNAL identifies avenues to expand the global reach of Indian electrical and electronics products and services.





## INTERACTION



**“We need to believe in the India long-term story and start investing now.”**

- Sunil Mathur, Managing Director & CEO, Siemens Limited

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## INSIGHT

### The Power of Bonding!

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KK Murty, CE (T&C), Retd, MPPTCL Jabalpur and Dr Rajesh Kumar Arora, Sr Manager (Technical) D&E, DTL, New Delhi, delve into the concept of bonding and earthing power cables, with a special emphasis on XLPE cables.

## THINK TANK

**“Smart metres contribute to cost efficiency, grid reliability, and data security.”**

66

- Jaideep Mukherjee, Chairman, IEEMA Energy Meter Division

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### ELECRAMA 2025: Sustainability, Innovation, Safety, and Automation

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As previews to the mega event, IEEMA held roadshows in the cities of Lucknow, Rajkot and Coimbatore.



## IEEMA EVENTS

### Best Practices for Underground Power Cables

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IEEMA conducted a two-days workshop on ‘Best Practices for Underground Power Cables – from Design to Manufacturing to Testing, Laying and Accessories’ in Mumbai.

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- Union Cabinet approves India's entry into IEEH.
- MNRE notifies draft guidelines for PM Surya Ghar. Muft Bijli Yojana, Innovative Projects Component.
- MoP releases guidelines for installation and operation of EV charging infrastructure-2024.
- CERC issues draft CERC (Regulations for Inter-State Transmission Charges and Losses) (Fourth Amendment) Regulations, 2024.
- MNRE increases ALMM solar module capacity by 2 GW.
- MoP issues guidelines for installation and operation of battery swapping and charging stations.



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- Government approves ASHVINI to develop nuclear power plants.
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- NHPC and APGENCO signs JVA to set up 1.8 GW PSP.
- West Bengal cabinet approves construction of 660 MW supercritical power plant.
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- MoU signed to explore RE in ASEAN countries.
- World Bank approves US\$ 250 million to boost Lebanon's clean energy and grid services.
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- Adani Group merges two subsidiaries with ANIL.
- Avaada launches solar manufacturing facility in Nagpur.
- PGPL signs share purchase agreement to acquire 100% stake in Deshraj Solar Energy.
- JSW Renew Energy Thirteen inks PPA with NTPC for 700 MW solar power project.
- REC raises US\$ 500 million via green bond to support RE projects.
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