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ieema journal

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THE 'abc' OF T&D

Inside...

50 Events

TRAFOTECH 2023, T&D 2023

84 R&D Updates

Opportunities in the New Energy Segment



Prominent Player in Renewables

190+ Inverter Duty Transformers ranging from 1 MVA to 12.5 MVA supplied for more than 2 GW Solar Projects

55+ Power Transformers supplied for more than 2 GW Solar Projects

35+ Power Transformers supplied for more than 2 GW Wind Projects

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presents



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Concurrent conferences on Intelligence in Electricity



6th edition of an exhibition designed to bring Power Distribution stakeholders – DISCOM, Consumer, Electrical Operational Technology (OT) and Information Technology (IT)

FOCUS THEMES



Renewable energy, EV charging, Energy Storage supply chain and Energy Efficiency



Factory and Building Automation, Power Quality



Electrical Fire Safety Products & Accessories

16-18 January 2024 | Bombay Exhibition Centre, Mumbai, INDIA

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INSULEC

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The Conference will be of special interest to:

- Manufacturers of all types of electrical and Electronic Insulating Materials
- Users of Insulating materials/ Insulators, Consultants and Researchers
- Practicing Engineers and Designers of Electrical Machines and Electrical Insulation Systems

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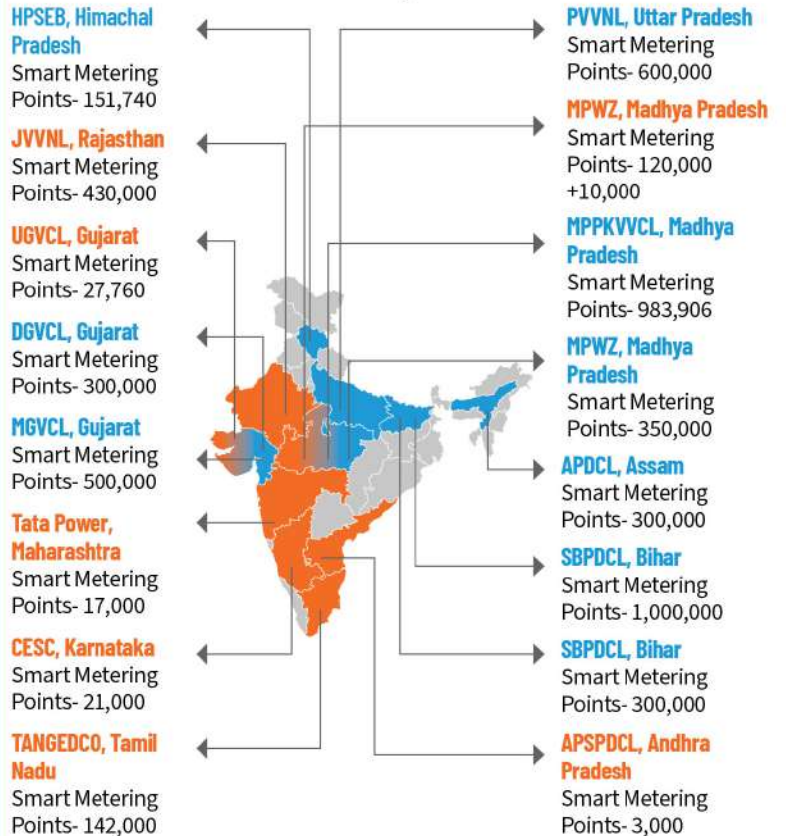
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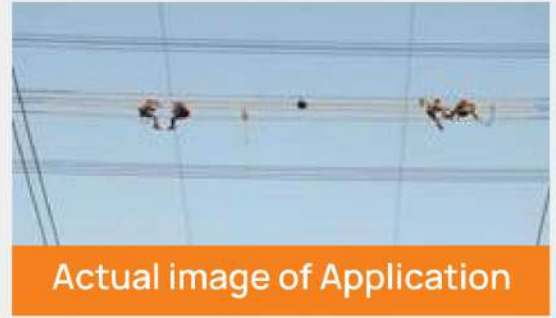
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CONTENTS

Volume 15 Issue No. 05 January 2024 CIN U99999MH1970GAP014629
Official Organ of Indian Electrical & Electronics Manufacturers' Association
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16

From the President's Desk

19

Samvaad

20

Cover Story

THE 'abc' OF T&D

A transformer is an electrical device that transfers energy from one electric circuit to another using the electromagnetic induction principle. It is intended to change the AC voltage between the circuits while keeping the current's frequency constant.

- NATIONAL PERSPECTIVE: Electrical Transformers play a pivotal role in the Power Sector. Preview and track India's top T&D projects.
- GLOBAL PERSPECTIVE: Dr Deepak Lakhapati previews projects in Iraq, Afghanistan, Canada, and Kazakhstan
- COMPARATIVE ANALYSIS: IEEMA Research Team presents a comparative data from 14 countries (including losses) in the global Transmission and Distribution sector.
- THINK TANK – BIG QUESTIONS BIGGER ANSWERS : Distribution Transformer Chairman Chanchal Jindal and Dr Lakhapati question the industry about status quo



20

50

IEEMA Events

TRAFOTECH GLOBAL CONFERENCE



IEEMA's flagship 3-day event TRAFOTECH Global Conference 2023 | Transformers for Sustainable Future unveiled on November 23, 2023, at the imposing Maneckshaw Center in New Delhi.

- PANEL 1 – Find details of the discussion
- Detailed coverage of Technical Sessions 1 to 6
- PANEL 2– Find the gist of the discussion

74

TRAFOTECH 2023 - Winning Paper

Enhancing the Sustainability/ Reliability: New Generation Natural Ester Based Transformer Oils



Enhancing the Sustainability/ Reliability: New Generation Natural Ester Based Transformer Oils

Mineral oils are in use in transformer applications as liquid insulation media over many decades and the performance of these oils is well proven in the field performance through established condition monitoring and diagnostic methods successfully. Natural esters have seen a rise in popularity in recent years due to their "green" credentials.



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80

IEEMA Events

IEEMA International Business Division @ Vietnam

A select delegation of IEEMA International Business Division (IBD) members visits Vietnam for business purposes and to extend an invite to IEEMA events

ROAD SHOWS – NASHIK & PUNE : A preview to the upcoming Buildelec-Insulec-Distribuelec



80

IEEMA International Business Division @ Vietnam

84

R&D Updates

The RE sector plays a crucial role in the global energy transition towards a more sustainable future. The shift towards generating energy from renewable sources is essential for various reasons, and the significance of the electrical sector cannot be overstated.

First and foremost, the adoption of renewable energy sources, such as solar, wind, and hydropower, leads to cleaner and greener energy generation. Unlike fossil fuels that release harmful greenhouse gases into the atmosphere, RE sources produce little or no emissions, mitigating the adverse impacts of climate change and promoting environmental sustainability.

94

Q&A Power Transformer Practical Field Technical Queries, Answered On Transformer's Abnormal Situation (Part-28)



Practical Field Technical Queries, Answered

On Transformer's Abnormal Situation (Part-28)

Readers from field units upon reading and accepting case studies and articles published in IEEMA Journal have started asking queries.

100

Advertorial



Realising the Billion Dollar Dream



Ruling the Wires & Cables Space



A One Stop Solution for Energy Needs



Transforming the Everyday for a Sustainable Tomorrow

84 Renewable Energy Sources : Opportunities for the Electrical Sector





5th International Conference on **INSTRUMENT TRANSFORMERS**

6-7 February 2024 | Hotel Novotel Juhu, Mumbai

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Industry Non IEEMA Members	Rs. 15,000/ Delegate

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102

Impact News - Local to Global

Breaking News

IEEMA Inaugurates 16th T&D Conclave in New Delhi



The Indian Electrical & Electronics Manufacturers' Association (IEEMA), the apex association of the Indian electrical equipment manufacturing industry inaugurated the 16th edition of the T&D Conclave at New Delhi on December 15, 2023.

National News

- Kalpataru Projects wins orders worth ₹2,263 crore in India and overseas; Stock hits a record high
- Sterlite Power Bags 8 GW Green Energy Transmission Project in Rajasthan

102



- Salasar Techno Engineering Shares Rally 7% on ₹364 Crore Contract Batteries

106

Power Scenario

- Global Scenario
- Indian Scenario

108

IEEMA Database

- Basic Prices & Indices
- Production Statistics

110

Product Showcase

111

Advt Index

112

Exhibitor List for BID 2024 as on 27.12.2023

116

Sparks 'N' Shocks

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