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From the President's Desk

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Samvaad

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Cover Story

leema's 76th Annual Convention 2023

Theme: India Strategies-New **Energies**

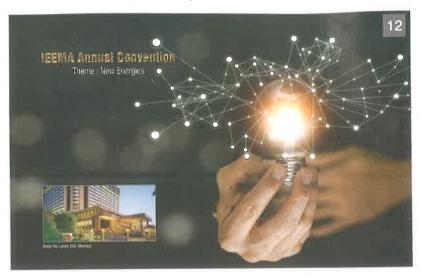
Presenting comprehensive coverage of IEEMA's 76th Annual Convention 2023 that took place in Mumbai last month that involved government dignitaries, top officials, business tycoons, distinguished professionals, industry experts, senior scientists, high-ranking engineers, mingling serious business with pleasure.

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Insight

Corporates-Startups Collaboration: Opportunities and Challenges

Poyni Bhatt, CEO of the Society for Innovation & Entrepreneurship, (SINE) IIT Bombay shares an insight about the flourishing startup culture further delving into the bright prospects that entrepreneurs hold while allying with corporates touching upon key obstacles that need attention.



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Ministry Updates

R&D ROADMAP

for Green Hydrogen Ecosystem in India - Part I



for Green Hydrogen Ecosystem in India - Part I

A first in the series of articles on the topic of Green Hydrogen Ecosystem in India, the first chapter presents perspectives shared by the Gol through the Ministry of New & Renewable Energy. Read about strategies for research and development under the green hydrogen mission, hydrogen production, objectives, technologies, projects, challenges and priorities in this new energy segment.

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Industry Research & Development

IEEMA launches New Energies Research with EY



Presenting a teaser to the most awaited and valued study. IIEEMA has initiated a study on 'New Energies Electrical & Electronics Equipment Landscapes: Study 2030' in association with British accounting firm, Ernst & Young. This commissioned study has been initiated to felicitate the policy makers and industry with technology aspects.

For suggestions and feedback please write to us on kamakshi.fernandes@ieema.org



Guest Article

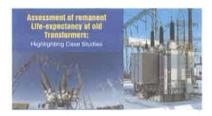
Are we doing enough to prevent Electrical Fires?

Seven people lost their lives on October 6 when a level-3 fire engulfed a residential building at 3am in Mumbai's Goregaon suburb. This report is an attempt to find out how we continue to overlook overloading of neutral circuits and address the basic flaw in the sizing of the neutral conductor.



Case Study

Assessment of remanent Life-expectancy of old Transformers; Highlighting Case Studies



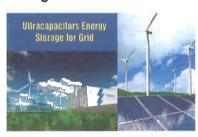
Unforeseen failures of old transformers in the Grid-network result into system disturbance or cascade trippings. This directly reflects upon the life-expectancy of these instruments. Experts K.K. Murty & D.C. Jain are explicitly confident that the life-expectancy of Power Transformers can easily be over 35-40 years.



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Expert Speak

Ultracapacitors Energy Storage for Grid



Energy storage is the most relevant topic in today's market scenario. No doubt that renewable energy resources are gaining momentum, but all these systems have big limitations — they are subject to large fluctuations and their availability depends of time of day and wind conditions etc. Hence energy storage becomes vital in all renewable systems.



QNA – Power Transformers

Practical Field Technical Queries, Answered | On Transformer's Abnormal Situation (Part-27)

Readers from field units upon reading and accepting case studies and articles published in IEEMA Journal have started asking queries. For the benefit of the entire community of field engineers and practitioners, industry expert Er. P.K. Pattanaik addresses each queries thoroughly through his detailed suggestions and solutions.

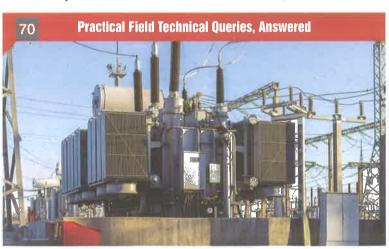


IEEMA International Events

Global Impact IEEMA Events



Read about IEEMA's in-house events Switchgear Solutions Workshop, Connect North East & E3. A workshop on "Switchgear Installation, Maintenance, Field Issues and New Technology" was conducted.





Power Scenario

- Global Scenario
- Indian Scenario



IEEMA Database

- Basic Prices & Indices
- Production Statistics



NEWS Analysis & Research

Opportunities for the Electrical Sector in the New Energy Segment



Product Showcase



Impact News - Local to Global

 Indian E&E Industry Tycoon Wins Global Business Award

National News

 Adani to make 10GW Solar Manufacturing Cap

Automation

Robotics Offers Route for US Manufacturing Renaissance

Batteries

- NERC: Battery Facilities Also Vulnerable to Inverter Faults
- Grid batteries have never been more abundant — or more useful

Electrical Industry

 Turkey raises electricity, gas prices by 20% for industry

Electronics Industry

 Electronics industry body seeks PLI scheme for nonsemiconductor sectors

Energy / Power

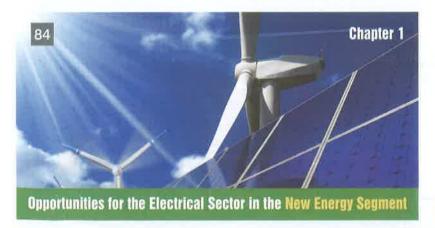
- China's power sector investments may top \$13.7 trillion by 2060
- France and NEA host conference to promote nuclear energy



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Sparks Sans Shocks



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