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# ieema journal

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Official Organ of Indian Electrical & Electronics Manufacturers' Association  
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## From the President's Desk

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## Samvaad

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## Cover Story

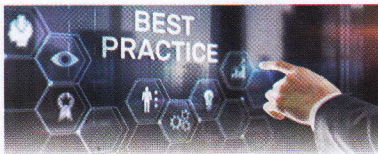
### Power Transformers: Transforming the Future

The Indian transformer industry has a rich history spanning over eight decades. Local manufacturers now have the ability to produce a wide range of equipment, including transformers up to 1,200 kV, to fulfil the nation's needs. Our industry is highly regarded for its exceptional quality, competitive pricing, and timely delivery, both domestically and internationally.

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## InFocus

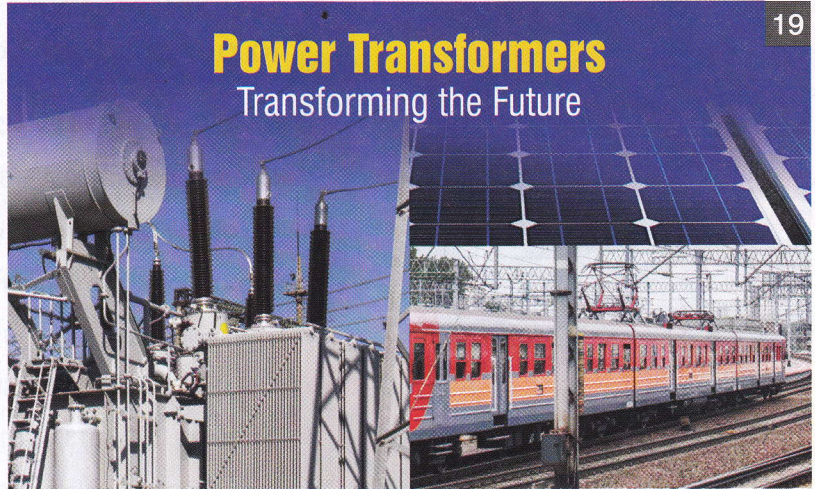
### The IEEMA Conference on Public Procurement, Quality and Cost-Based Selection (QCBS) and Reverse Auction



The IEEMA Conference on

Public Procurement, Quality and Cost-Based Selection (QCBS) and Reverse Auction

The IEEMA recently held a conference in New Delhi on July 7, 2023. The conference focused on topics such as public procurement, Quality-Cost-Based Selection (QCBS) and reverse auctions.



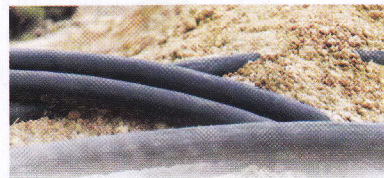
## Power Transformers Transforming the Future

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## InFocus

### IEEMA Workshop on "Best Practices for Underground Power Cables & Cable Systems, Covering Design, Selection & Testing Techniques"



IEEMA Workshop on

"Best Practices for Underground Power Cables & Cable Systems, Covering Design, Selection & Testing Techniques"

IEEMA Western Region organised a two day workshop on "Best Practices for Underground Power Cables & Cable Systems, Covering Design, Selection & Testing Techniques" On Thursday & Friday, on 6th and 7th July, 2023 at Suba International Hotel, Mumbai.

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## Insight

### Webinar on The National Electrical Code of India 2023 Hosted By IEEMA Western Region

The National Electrical Code of India (NEC) is a comprehensive Electrical Installations Code developed by the Bureau of Indian Standards. It serves as a set of guidelines for regulating electrical installation practices throughout India.

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## Ministry Update

### National Electricity Plan (Volume-I: Generation)

Since 2006-07, India has made significant progress towards renewable energy sources, with a notable growth in installed capacity. The contribution of renewable energy sources (including large

hydro) to installed capacity increased from 5.8% in 2006-07 to 39% in 2021-22 until 31.03.2022 and further increased to 41% as of 31.12.2022, and its energy contribution to total generation increased from 1.5% in 2006-07 to 21.54% in 2021-22.

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## Case Study

### Design Features and Test Requirements of Hybrid Gas Insulated Switchgear Bay



The hybrid gas insulated switchgear (HGIS) is one that combines the components of traditional air-insulated switchgear (AIS) and SF6 gas-insulated switchgear (GIS) technologies. It is characterized by a compact, modular design, minimize maintenance requirements and maximize availability and reliability.

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## Power Scenario

Global Scenario  
Indian Scenario

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## IEEMA Database

Basic Prices & Indices  
Production Statistics

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## ERDA

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## Events and Eventualities

### Practical field technical queries on transformer's abnormal situation (Part-25)

Last few months, the case studies on TRANSFORMER's Abnormal situation was getting published under the section of EVENT and EVENTUALITIES series. Readers especially from field units on accepting this series, have started asking queries on various subjects relating to the studies.

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## International News

- High Power Transformers Global Market Report 2023: Government Electricity Initiatives Bolster Growth - ResearchAndMarkets.com

## National News

- Draft Green Credit Programme Implementation Rules 2023
- Draft Electricity (Amendment) Rules 2023

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## Corporate News

- CG Power mulls ₹126-cr. expansion of transformers production at Malanpur and Bhopal units
- AI: Transforming Marketing and HR in Power Transformer Industry

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## Sparks Sans Shocks

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