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From the President's Desk

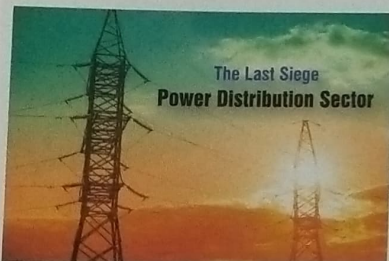
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Samvaad

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Expert Speak

**The Last Siege
 Power Distribution Sector**



Power Distribution Sector holds the key for unlocking India's "Just Energy Transition Initiatives" but also for the overall viability of the Sector. It also holds the key for progress of an energy dependent economy.

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Cover Story

IEEMA Annual Convention and 75th Annual General Meeting

IEEMA hosted its Annual Convention 2022 and 75th Annual General Meeting at Hotel Taj Lands End in Mumbai on September 26, 2022. This theme for the convention this year was 'Partnering Green Energy Transition Fostering Sustainable Future'.

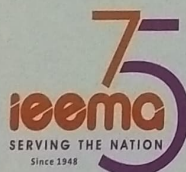
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IEEMA Annual Convention and 75th Annual General Meeting
 Theme : 'Partnering Green Energy Transition Fostering Sustainable Future'



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Journey
THE JOURNEY



THE JOURNEY

In 1965, Mr. PR Deshpande, the dynamic doyen of the industry was elected as the President of IEEMA (the then Indian Electrical Manufacturers Association).

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EV Update

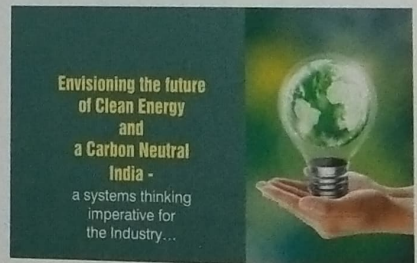
IEEMA playing a significant role in the transformation of Power Sector

IEEMA divisions impart a cohesive and specialised outlook to the environment our members operate in.

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Perspective

Envisioning the future of Clean Energy and a Carbon Neutral India - a systems thinking imperative for the Industry...



A crisis as life-altering as the corona virus pandemic naturally inspires speculation about how it will change everything. We may not yet know how this story ends, but we already know for sure that this pandemic has brought the greatest reversal of our times, turning the world along with its wisdom on its head... This is our freak chance to unlearn and learn. Let's not blow it.

For suggestions and feedback please write to us on shalini.singh@ieema.org

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Insight

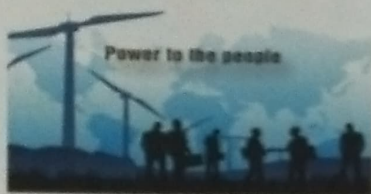
Power Quality The hidden factor influencing India's developed economy dream

As India adds new lanes to its economy, greater attention must be paid to the speed breakers that could compel to slow down the speed of this growth. Power quality is one such speed breaker on all the lanes of India's economic growth – may it be infrastructure, digital India, make in India.

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Expert Speak

Power to the people



Until such time that every hut, home or building, in every village, town and city in every country, on every continent of our shared planet gets clean, affordable, abundant, 24/7 electricity, our work will not be complete.

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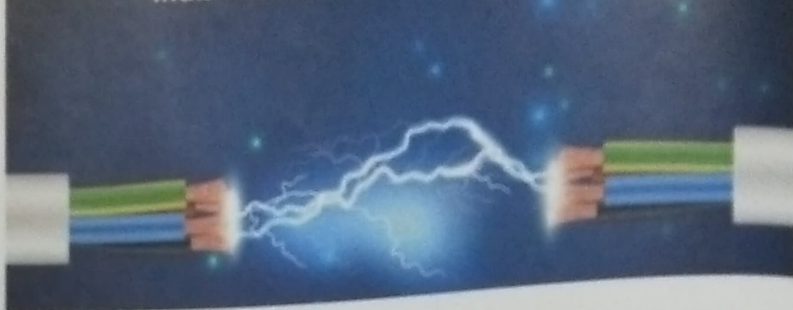
Aspects

Pugalur-North Trichur HVDC Transmission System- Underground Land Cable Aspects

POWERGRID has commissioned ± 320 kV, 2 x 1000 MW Voltage Source Converter (VSC) symmetrical monopole based HVDC system connecting Pugalur (Tamil Nadu) and North Trichur (Kerala). The transmission system between converter stations is a combination of HVDC Over Head transmission line (OHL) and 320 kV DC XLPE underground cables (U/G Cable) termed as hybrid transmission system.

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Power Quality
The hidden factor influencing India's developed economy dream



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International Engagement

Overseas ELECGRAMA 2023 promotion



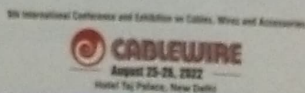
Overseas ELECGRAMA 2023 promotion

Senior officials from IEEMA visited Indonesia from 12th to 15th September 2022. Following meetings were conducted by the team during the visit

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IEEMA Event

9th International Conference and Exhibition on Cables, Wires and Accessories



IEEMA organized the 9th International Conference and Exhibition on Cables, Wire and Accessories on 25th & 26th August 2022 at Hotel Taj Palace, New Delhi.

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In Depth

Smooth Aluminium Sheath Innovative Trend in EHV CABLES

In order to cater to ever growing demand and efficient transmission of bulk power, the electricity utilities increasingly rely on underground EHV cable system which needs to be reliable and cost effective for long design service life performance.

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In Focus

Transition of GIS Busduct for EHV Cable in place of Cable Transition Joint



During replacement of old 220 kV GIS at our Carnac RSS, rerouting of existing 220 kV Oil filled cables for Trombay Carnac 5 & 6 was proposed to the new GIS. However, during basic engineering stage, it was observed that the existing oil filled cable lengths are short and not reaching the new 220 kV GIS hall.

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Tech Space

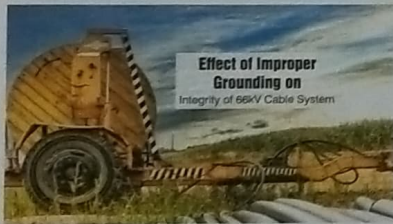
Right of Way (ROW) Challenge in Construction of Transmission lines & its Mitigation in India

At COP26 summit in Glasgow in Nov'2021, India has pledged 500 GW of non-fossil fuel based installed capacity by the year 2030 and agreed to meet 50% of its energy requirement by renewable sources.

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Tech Space

Effect of Improper Grounding on Integrity of 66kV Cable System



Power cables of rating 66 kV and above are designed with longitudinal and radial protection from moisture due to the deleterious effect of moisture on deterioration of XLPE insulation.

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Events and Eventualities

Practical field technical queries on transformer's abnormal situation (Part-19)

LAST FEW MONTHS, the CASE STUDIES on TRANSFORMER's Abnormal situation was getting published under the section of EVENT and EVENTUAL 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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- Amendments to EV battery testing standards
- MNRE Notifies BCD and Hike in GST Rates as 'Change in Law' Events

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Corporate News

- Danfoss India outlines India's decarbonization journey with CII-GBC, launches Green Turbocor® Compressor at Energy Efficiency Summit 2022

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Sparks Sans Shocks

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