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From the President's Desk

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Samvaad

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Cover Story

The Future with E-Mobility in India

The electric vehicle industry in India is picking pace with new manufacturing hubs, and increased push to improving charging infrastructure. Subsidies and policy favoring deeper discounts for Indian-made electric two-wheelers as well as a boost for localized ACC battery storage production are other growth drivers for the Indian EV industry.

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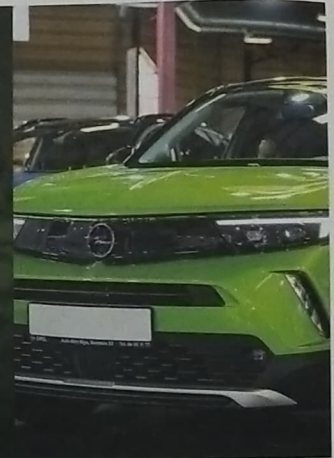
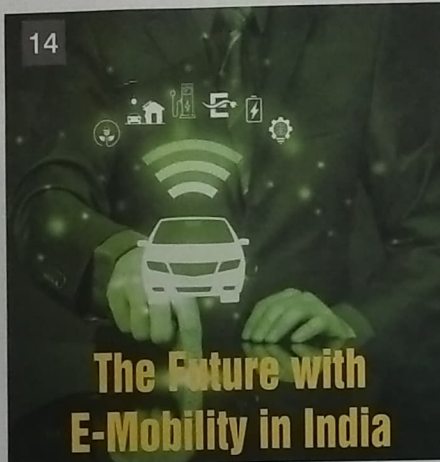
Ministry Update

Conference of Power and New & Renewable Energy Ministers of States & UTs held in Udaipur



The conference of Power and Renewable Energy Ministers of State/ UTs was held on 14th and 15th October, 2022 in Udaipur, Rajasthan. Shri R.K Singh, Union Minister for Power and NRE chaired the conference.

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International Presence IEEMA & ELECRAMA 2023 Promotion at ENLIT ASIA

Enlit Asia, a unifying brand of Asian Utility Week and Powergen Asia, is a leading Power and Electrical show of the ASEAN region. Organised annually by Clarion Events the venue changes every year to a different ASEAN nation.

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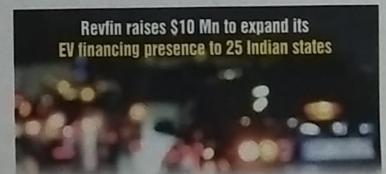
Perspective Artificial Intelligence & EU Machinery Directive: A New Approach

The mechanical part is one of the most important components of assiduity. The Machinery Directive is part of EU law on mechanical engineering work primarily, promoting free movement of service within the Internal Market while setting out 'Essential Health and Safety Conditions' to be considered when applying for a machine. for the first time.

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Highlight

Revin raises \$10 Mn to expand its EV financing presence to 25 Indian states



Revin, India's largest EV financing platform for individual drivers has closed its Series A round of funding worth \$ 10mn in a combination of equity and debt. The funding round was led by Green Frontier Capital (GFC), India's first-ever VC fund focusing specifically on climate investments, which is managed by Sandeep Bhammer and Rudra Dalmia and LC Nueva Investment Partners, a partnership between Singapore's Lighthouse Canton and New Delhi based Nueva Capital, alongside participation from existing investors.

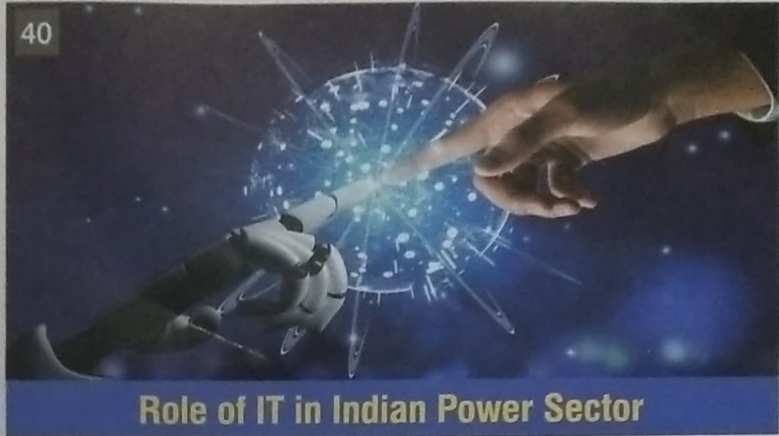
For suggestions and feedback please write to us on shalini.singh@ieema.org

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Expert Speak

Role of IT in Indian Power Sector

Indian electricity sector has witnessed tremendous growth in its energy demand, generation capacity, and transmission and distribution networks. Electrical Power systems would appear poised for a revolution.

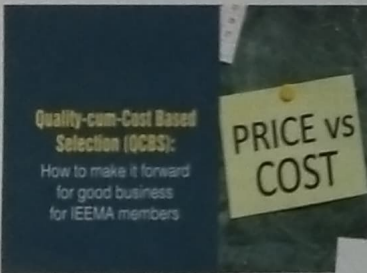


Role of IT in Indian Power Sector

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Perspective

Quality-cum-Cost Based Selection (QCBS): How to make it forward for good business for IEEMA members



Rationale for bringing QCBS: While the L1 system may be suitable for procurement of routine works and non-consulting services, this method may not be able to cater to the need for innovation, quality.

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In Focus

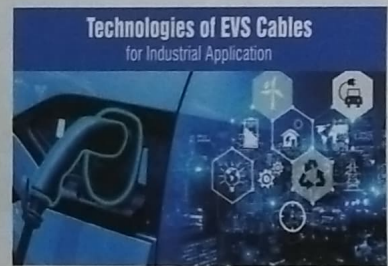
Implementation of Modern Revolutionary Live Line Maintenance Techniques in Power Transmission & Distribution Sector.

The ever-increasing demand for electric energy reflecting on national productivity and economy necessitates higher requirements as regards reliability in transmission and distribution of electrical energy. Increasing complexity of transmission networks coupled with inter-regional/ inter state ties transporting huge quantum of power and less redundancy in the transmission system has rendered shut downs on transmission line/substations almost impossible, thus resulting in the need for live line techniques.

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Outlook

Technologies of EVS Cables for Industrial Application



EVs are vehicles that are either partially or fully powered on electric power. Electric vehicles become more and more popular due to low running costs as they have fewer moving parts for maintenance and are very environmentally friendly as they use little or no fossil fuels (petrol or diesel).

Charging cables are an essential part of charging an electric vehicle. It is a kind of flexible cable to connect an electric vehicle with a charging pile. In EVs, some charging stations come with cables attached and others require you to bring your own.

The paper explains the different types of charging cables and their construction in-depth and recent experiments and developments for fast charging.

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InFocus

Implementation of Modern Revolutionary Live Line Maintenance Techniques in Power Transmission & Distribution Sector



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Events and Eventualities

Practical field technical queries on transformer's abnormal situation (Part-20)

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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International News

- AMPYR, Shell Energy to jointly build 500 MW BESS in Australia
- ADB assists VinFast with \$135 million to support e-mobility in Vietnam

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National News

- CEA Revises Transmission Capacity Targets for FY23
- EESL Smart Meter Installed Base Crosses 30-Lakh Mark, 47 Lakh More Planned

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Corporate News

- Mahindra, Statiq to work together on EV infra and tech integration projects
- Ola Electric ups the ante on e-scooter production capacity

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Sparks Sans Shocks

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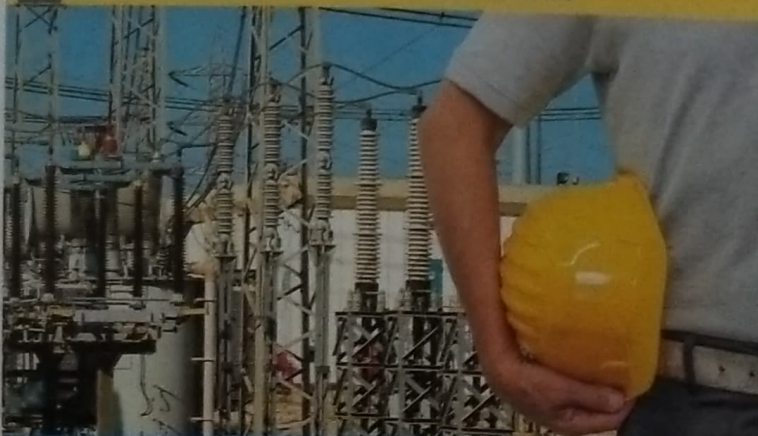
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Practical Field Technical Queries



On Transformer's Abnormal Situation (Part-20)

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