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# ieema journal

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## Face to Face



BIS is working closely with ISA in developing a roadmap for standardization of solar goods and services: **Ms Surina Rajan**

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## Interaction



Suitable engineers for testing laboratory or R&D institutes are not readily available in the job market : **Mr Hitesh Karandikar**

**Scaling New Heights**  
Electrical Equipment Industry records 19.1% Growth

Deen Dayal Upadhyay Gram Jyoti Yojana  
UDAY  
One Grid One Nation  
Integrated Power Development Scheme  
SAUBHAGYA  
UJALA  
Power for All

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## Interaction



We have been able to bring efficiency and transparency at MSSEDCL: **Mr Sanjeev Kumar**

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## Cover Story

### Scaling new heights: Electrical equipment Industry record 19.1% growth

Energy meters, Cables and Distribution Transformers showed robust growth while Insulators, Transmission line and Conductors showed high negative growth. Overall growth however was positive reaching 19.1%.

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## Interview



The real problem of the Distribution Sector is to ensure its viability and sustainability: **Mr Vishal Kapoor**.

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## Special Feature

### DistribuELEC

IEEMA presents its third edition of DistribuELEC 2019 which is a uniquely designed concept to bring Utility, Consumer, Electrical Operational Technology (OT) and Information Technology (IT) on same platform to Empower all Stakeholders. A new idea called buildELEC 2019 is also being launched as a concurrent exhibition

with distributed ELEC to showcase convergence of OT and IT directly at consumer dwellings to make key utilization centers i.e. buildings -industrial, commercial and residential, more efficient and safe

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### In Focus

#### Wireless Charging for Electric Vehicles- Part I

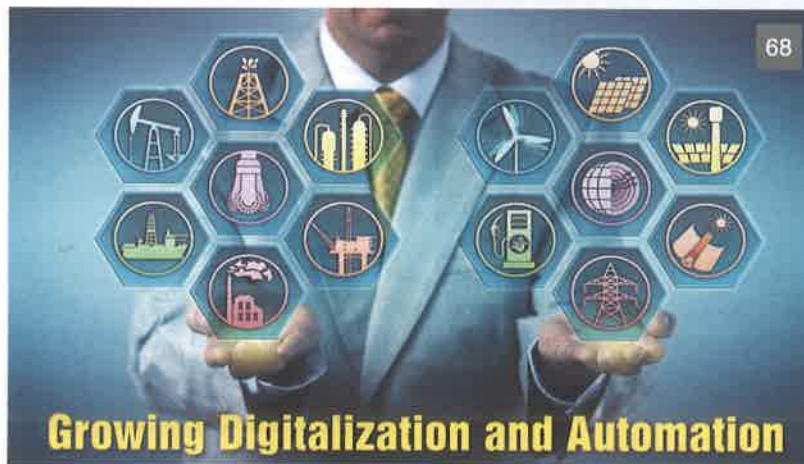
Electric Vehicles (EVs) are becoming popular as we want to reduce our dependency on oil and reduce the ill effects of pollution caused by IC engine based vehicles, which also suffer from low torque and low fuel efficiency performance. Moreover, there is an increasing interest in the use of sustainable green energies, which is spurring the encouragement given to EVs.

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### Advotorial

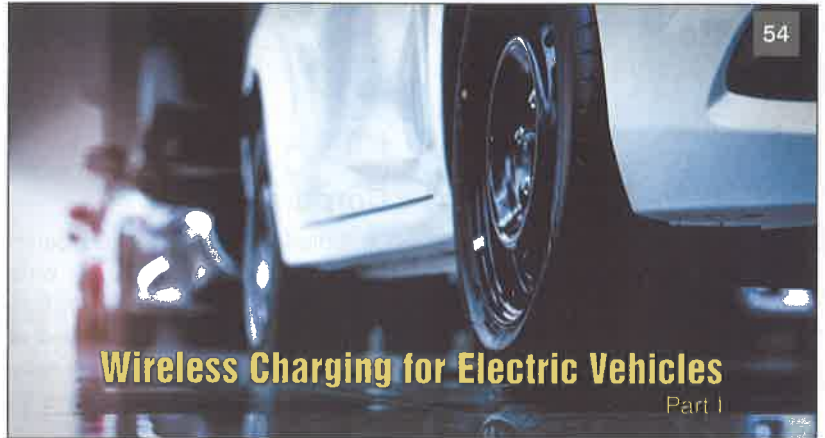
#### Stäubli Electrical Connectors presents the latest MULTILAM design

The Swiss company's latest creation and its innovative design is turning heads. This product is MULTILAM flexo line, the highly flexible generation of MULTILAM development with a two-component design.



### Growing Digitalization and Automation

in Power Sector



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### Expert Speak

#### Growing Digitalization and Automation in Power Sector

Technological advancements and innovations driven by rapid electrification of segments like transport, expansion of renewable and digitalization of the grid are transforming the power sector. With decentralization, de-carbonisation and deregulation, the entire business model of utilities is evolving rapidly and state-of-art technologies are making those changes possible that were beyond the imagination a few years back. These technologies are gradually making inroads in the Indian power sector as well.

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### In depth

#### Performance Enhancement of Transmission Lines Upgraded by Reconductoring Using ERS



In the era of ever increasing power demand and deregulation of the power industry globally, it becomes essential for transmission utilities to strengthen their infrastructure for accommodating the changes posed by deregulation and transfer reliable power to the consumers.

Pressure on the existing network to transfer more power has led to transmission congestion (CEA, 2016). It has been estimated that the generated energy wasted due to transmission bottlenecks is approximately  $1.93 \times 10^9$  KWh of electricity.

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- Brazil seeks private investors to complete nuclear plant by 2026

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- Discoms' outstanding dues to power generators rise 24% to Rs 39,498 crore

- Ensure returns while investing in power sector, Power Secretary to PFS

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**Corporate News**

- Indian Space Research Organization (ISRO) wins prestigious Innovative Company of the Year award at India Energy Storage Alliance Industry Excellence Awards 2019
- Tata Power wins two awards at the Central Board of irrigation and Power (CBIP) Awards 2019

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**Sparks Sans Shocks**



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