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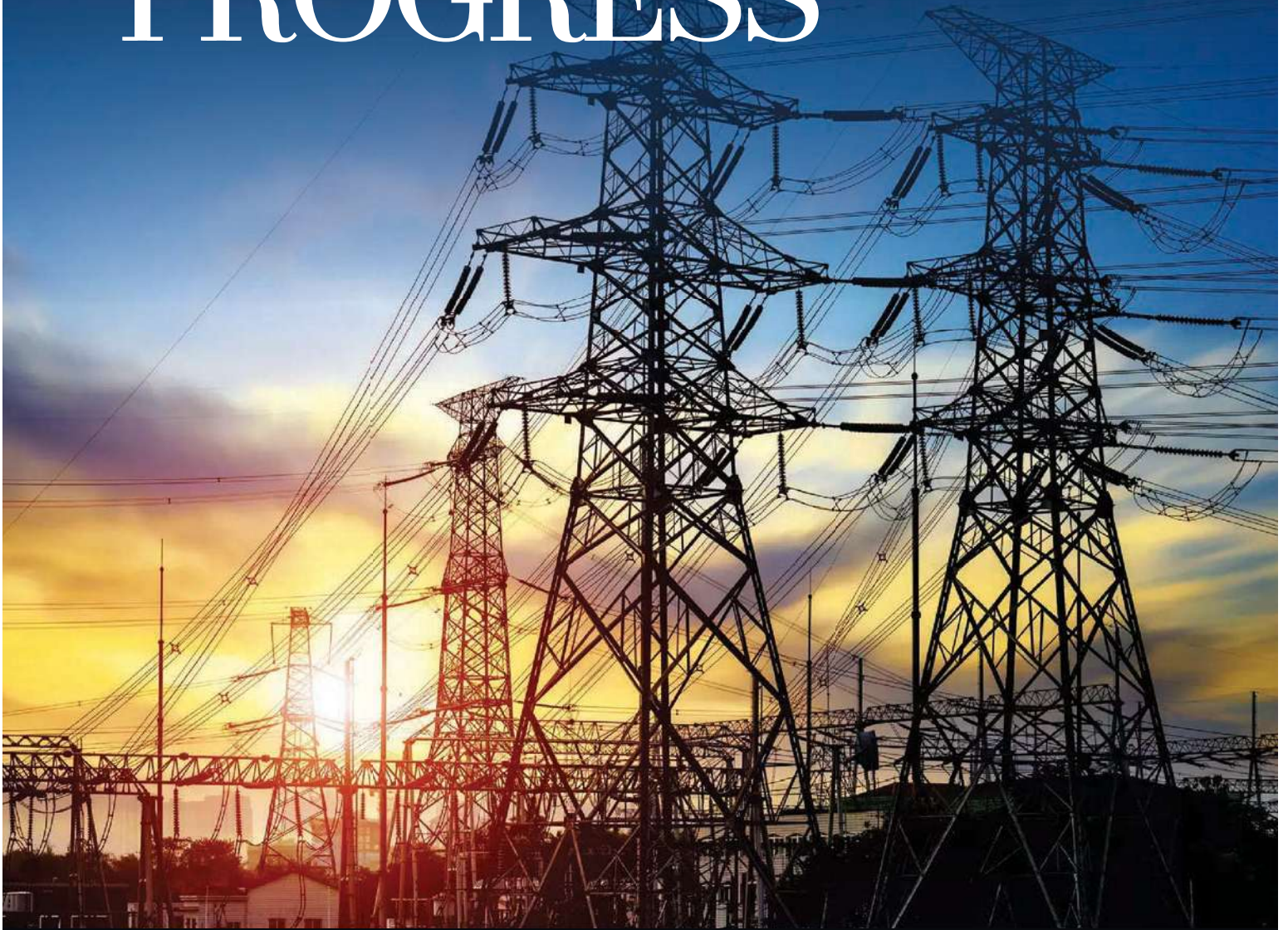
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# POWERING PROGRESS



## OTHER STORIES:

- **THINK TANK:** Vikram Gandotra, President, IEEMA
- **SPECIAL FEATURES:** Five High-Growth Markets for Indian Electrical Equipment Exports; Achieving Quality, Safety & Reliability in Manufacturing
- **FOCUS:** Hydrogen Pipelines – Enabling the Next Era of Clean Energy and Power

13th Edition  
**TRAFOTECH**  
Global



**4-6 December 2025**  
Manekshaw Centre  
New Delhi, India



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Electricity is the backbone of India's growth story and India's electrical industry story is one of resilience, innovation, and global leadership. The industry is demonstrating strength, expanding capacities, investing in building backward linkages, and increasing footprint internationally while catering to expanding domestic demand. Indeed, the path ahead promises electrifying opportunities – with vision, collaboration, and determination embodying the 'Make in India' spirit to 'power the progress' of our nation.



## THINK TANK

**"There is an increasing industry focus on Make in India, expanding global footprint and promoting quality, safety and reliability."** 34

- **VIKRAM GANDOTRA**, President, IEEMA, shares his vision as the new President, his thoughts on the power sector, opportunities for India's electrical and electronics equipment sector, and more...



## SPECIAL FEATURES

**Five High-Growth Markets for Indian Electrical Equipment Exports** 37

The first part of this feature unlocks the potential of five high-growth markets and their investments in power and electrical sectors. It presents an overview of these markets, exploring electrical equipment exports from India. The second part of this feature in a forthcoming edition will highlight future trends and demand opportunities in these five growth markets, with key strategies for success and India's competitiveness to become their preferred trade partner.

**Achieving Quality, Safety & Reliability in Manufacturing** 60

In engineering, the fields of quality, safety, and reliability hold a significant place. It is 'reliable' engineering when processes and systems function with precision, it is 'quality' engineering when products meet standards, and 'safety' engineering focuses on the safety of users and the prevention of accidents. **IEEMA Journal** explores ways to achieve definitive quality, safety, and reliability in the power sector.



## INTERACTION

**“India’s power sector is entering a phase of unprecedented growth.” 54**

- AMAR KAUL, Global CEO and Managing Director, CG Power and Industrial Solutions Ltd, shares more on current trends in the electrical industry, sustainability and Make-in-India focus, investments in R&D and innovation, and more...

## FOCUS

**Hydrogen Pipelines: Enabling the Next Era of Clean Energy and Power 56**



Demand for hydrogen, particularly low- or zero-emission varieties, is rising worldwide. India too has taken significant steps to foster a hydrogen economy, with government policies and industrial initiatives driving a major expansion of hydrogen pipeline infrastructure. By investing in technology, aligning with international standards, and executing projects with discipline, India’s pipeline industry can position itself at the heart of the global hydrogen transition, writes **Nikhil Mansukhani, Managing Director, Man Industries Ltd.**

## INSIGHT

**Harmonising Grids & Smart Power Distribution: Evolving a Collaborative Approach across South Asia 68**

This thought leadership paper by **Vikas Gaba, National Head of Power and Utilities; Ruchika Chawla, Associate Partner; Vivek Agarwal and Abhishek Sarkar, Associate Directors; and Anand Gopalakrishnan, Consultant, KPMG India**, examines the need and proposes a framework for promoting collaboration between South Asian utilities for uptake of the smart distribution applications and accelerate technology deployment to ensure delivery of reliable and affordable power to all.

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- India and Australia strengthen energy cooperation through 5th India-Australia Energy Dialogue.
- Ministry of Power issues Electricity (Second Amendment) Rules, 2025, on captive generating plants.
- India’s solar power capacity up from 2.8 GW in 2014 to 125 GW currently: Union Minister Pralhad Joshi.
- MoP issues revised RCO framework under Electricity (Amendment) Rules, 2025.
- Shri Manohar Lal applauds THDCIL on COD of Unit-II of (2 x 660 MW) Khurja STPP.

## NEWS

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- SJVN’s 200 MW Khavda solar project inaugurated.
- MSEDCL, GEAPP sign agreement to deploy AI and storage for grid optimisation.
- Rs37 billion hydropower projects inaugurated in Arunachal Pradesh.
- RECPDCL transfers Davanagere Power Transmission SPV to POWERGRID.
- Maharashtra launches SMART scheme to provide up to 95 percent subsidy for rooftop solar.
- ONGC plans to acquire 2.5-3 GW of renewable energy projects by 2030.
- CESC approves Rs3 billion NCD issue on private placement basis.
- Foundation stone laid for Avaada’s 1,560 MWp solar plus 2,500 MWh BESS project.
- KHPL secures Rs48.29 billion term loan and Rs9.50 billion standby credit from PFC for 600 MW hydro project.
- Prime Minister inaugurates 2,800 MW MBRAP in Rajasthan.
- BHEL secures EPC orders for 2 x 660 MW thermal units from MPPGCL.
- RECPDCL transfers Rajgarh Neemuch transmission SPV to G R Infraprojects.
- MHI issues operational guidelines for deploying EV PCS under PM E-DRIVE.
- PFCCCL incorporates Tumkur II RE Transmission Limited for 1.5 GW RE integration.
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- SGEL commissions additional 128.88 MW at Bikaner solar project.

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- World Bank announces regional initiative to decarbonise East Asia and Pacific power sector.
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- TPREL signs PPA with Tata Power Mumbai Distribution for 80 MW FDRE project.
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- Kosol Energie signs MoU for Rs520 billion for renewable energy projects in Gujarat.
- Saatvik Green Energy to invest Rs31.5 billion in Odisha solar manufacturing facility.
- Waaree Energies approves expansion of energy storage and electrolyser manufacturing units.
- Jakson Green and Blueleaf achieve financial close for 840 MW solar projects in Rajasthan.
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