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From the President's Desk

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Samvaad

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Feature

8th Edition Metering India

IEEMA Meter division organised the 8th edition of METERING INDIA seminar on 8th & 9th August 2019 at Hotel Le Meridien, New Delhi. Metering India is the benchmark event of the Indian Electrical Metering Industry, a biennial event organized in collaboration with various stakeholders in the energy metering eco-system.

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Cover Story

Energy Storage in India: A necessity to go forward



Energy generation and consumption chain has witnessed transformations due to urbanization, industrialization, transportation & lifestyle changes. Our energy needs and usage patterns have created needs for concentrated energy guzzlers like cities and industrial estates, T&D networks, large power plants running on coal, gas, nuclear.



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Special Report

Em(power)ing women in Energy

The Power Sector in India is witnessing an uptick with more women getting involved within the energy sector—an industry long dominated by men. Today women represent just 16 percent of board members in the top 200 power utilities, and few women have access to the sort of education and support systems that would allow them to pursue careers in energy. The number of women in the industry may be small, but it is growing, and they have a great track record across the industry.

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Interaction

We are keen on improving RE portfolio and achieving RE targets: Mr G Raghuma Reddy



IEEMA Journal speaks to Mr G Raghuma Reddy, Southern Power Distribution Company of Telangana Limited (TSSPDCL) on the various initiatives being taken for providing 24x7 access to electricity for all consumers in the state.

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Guest article

Storage For Maximizing Production And Revenue From Pv Power Plants — Systems Overview

NORTH AMERICA currently has over 20 GW of installed utility-scale PV generation. With 2016 seeing the largest amount of PV installed to date with over 14 GW brought online. The majority of this installed utility-scale PV base could expand production hours and increase revenues with the addition of energy storage.



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In depth

A Model for Evaluating Different Communication Technologies for AMI

This paper presents and compares a number of communication technologies available for Smart Metering deployments in India. It is essential to adapt a communication system which suits to local characteristics : residential area density , infrastructural builds – high rise apartments , basement and geographical terrain – hills, forest, in order to construct a fit to purpose communication network.



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In Focus

A journey towards intrastate DSM (In the era of RE integration to the grid)

In 2014, India announced plans to quadruple Renewable Energy (RE) to 175 GW by 2022, an ambitious target that required an annual growth (CAGR) of over 25 percent. Rapid growth in renewables poses challenges for grid operations and has various implications on the finances of distribution companies (Discoms) and power generating companies, especially traditional thermal power plants.

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Insight

Practical issues and its solution note for energy metering system among power players.

An Experience Sharing Case Study

At present the integrated power system are getting involved with diversified business in energy sector and in need of quality, reliable and secured supply system. The energy players sometimes face difficulties on the calculation of the energy delivered, consumed or transacted in the system due to lack of proper agreement and metering schemes.

This paper has been depicted with the case studies on the practical issues for an integrated power system, where CPP (Captive Power Plant), IPP (Independent Power Plant) and utility infinite network have been connected in the system and participate in the network of energy business.

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Power Scenario

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- ASEAN Energy Ministers to meet in Bangkok
- Shell enters Australia power industry with \$419 mln bid for ERM Powe next two weeks.
- PM Modi's Bhutan visit: Both countries celebrate hydro power cooperation

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National News

- 13 UP districts to get 650 electric buses
- Power minister approves proposal to declare ocean energy as Renewable
- EESL to install 156,000 smart LED streetlights in West Bengal

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Corporate News

- Amara Raja sets up EV battery charging stations to promote E-vehicle usage in Tirupati smart city initiative
- KEC International secures orders of Rs. 845 crore in the Railway Infrastructure sector
- Tata Power to develop 250 MW Solar Project in Gujarat

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10th Edition of INSULEC 2019

The tenth two day long International Conference on Electrical and Electronic insulating materials and systems INSULEC 2019 was organized on 21nd and 22nd August 2019 at The Hotel Leela, Mumbai.

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