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From the President's Desk



Samvaad



Face to Face

Achieving
Targets in
time reflects
Government
commitment:
DR AK Verma



With over 29 years

of administrative and management experience, Dr. AK Verma is an Indian Forest Service (IFS) officer of 1986 Gujarat Batch and currently serving as Joint Secretary, Ministry of Power.



Interaction

India is
becoming
global choice
for every
Investor &
Stockholders
to be part of
its Growth:
Mr Anil Saboo



Mr Anil Saboo, Chairman, ELECRAMA 2020 speaks about the tremendous record breaking response received during the few hours of opening the space booking for ELECRAMA 2020.



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Cover Story

IEEMA timely intervention helps restoration of power supply in cyclone ravaged Odisha

Around 10 million people in Odisha were grappling with the inconvenience of disruption in power supply in the aftermath of the Cyclone Fani which ravaged the state with wind velocity at a speed of 200 KMPH on May 3, 2019. As per Government estimate, most of coastal Odisha, including the state capital Bhubaneswar have witnessed uprooting of 100,000 electricity poles. Several substations and low transmission lines have been completely damaged.



International Presence

Elecrama 2020 : Promotion at HANNOVER MESSE 2019

HANNOVER MESSE 2019 is important platform for all technologies related to industrial transformation and tradeshow for industrial technology. More than 215,000 trade visitors used HANNOVER MESSE to invest in new technologies and prepare their businesses for the future.



Bangladesh

Bangladesh Clean Energy Summit & Elecrama 2020 Promotion at Dhaka, Bangladesh

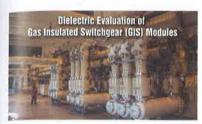
African Utility Week

IEEMA Participation in India Pavilion at African Utility Week 2019, Cape Town, 14-16 May 2019



Guest article

Dielectric Evaluation of Gas Insulated Switchgear (GIS) Modules



Gas Insulated Switchgear (GIS) offers significant advantages over conventional Air Insulated Switchgear (AIS) on account of reduced space and operational efficiency. High voltage power frequency (AC) test and partial discharge (PD) test are very important routine tests for evaluation of GIS.



Opinion

Improving the Distribution efficiency by Real time Monitoring and Analysis of Transformers

India has one of the largest electrical power distribution network in the world connecting the consumer base of around 200 million having 400 GW connected load. The Power network in India distributed 1142 billion units generated in 2018-19





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Case study

Condenser bushings – Concept to condition monitoring.

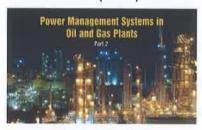
A true case history of failure of 245kV Oil impregnated paper bushing of 160 MVA Transformer and a sample realistic cost benefit analysis, emphasizing the use of online tanδ monitoring system

A brief description of on-line monitoring system highlighting its superiority over the conventional offline monitoring practices have been depicted with a true case study and a specimen cost- benefit analysis pertaining to failure 160 MVA, 220/132/33kV Transformer due to a HV -OIP bushing failure and its-assumed down time of 72 Hrs. at a sub- station 150 Kms away from the HQ of the controlling authority of the Transmission Utility in the state of Madhya Pradesh (India).



Tech Space

Power Management Systems in Oil and Gas Plants (Part 2)



been have instances in working plants where one generator has tripped, shedding equivalent to the spinning reserve deficit has been effected by the PMS within 200ms (Fast load shedding), but the frequency dip has caused cascade tripping. This has prompted the customer to opt for conservative Fast Load shedding based on sudden load change. The PMS has been called upon to trip load equivalent to current load on the tripped generator minus the sudden load change available.





Power Scenario

Global Scenario Indian Scenario



IEEMA Database

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- France's Voltalia in exclusive talks to buy Helexia
- US faces hurdles in push to build electric vehicle supply chain

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National News

- Three-wheelers may have to go electric from FY24
- 58% increase in power transmission capacity of UP in past three years
- Nuclear power can reduce greenhouse gases: M Venkaiah Naidu, Vice-President



Corporate News

- ADB to provide \$750-mn loan to fund railway track electrification in India
- Schneider Electric strengthens its portfolio of wiring devices; launches customisable and IoT enabled smart switches in India

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Initiative

SME Clinique

Small and medium-sized enterprises SMEs have become the backbone for developing economies across the globe. India's ambitious growth targets and economic goals can be achieved by providing.



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Sparks Sans Shocks



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