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From the President's Desk

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Samvaad

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Highlight- Upcoming Event

More than 500 participants expected at Metering India 2019: Amarjeet Singh Panesar



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Budget Analysis

This Budget is an interesting mixture of incremental and path breaking steps: IEEMA



Power Sector reforms are in the offing along with a new tariff policy to ensure uninterrupted power for all, Finance Minister Nirmala Sitharaman announced in her maiden Budget speech on July 5, 2019. Shedding light on the 'One Nation One Grid' for affordable power to States



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Guest article Selection of Surge Arrester



Electrical equipment's connected in power system are exposed to many stresses, and one of major concern is protecting them from transient over voltages. Transients over voltages are caused by lightning discharges and switching operations.

36

Cover Story Poor Quality Imports hampering growth of Surge Arrester Industry

Surge Arrester, being a protective device for limiting surge voltages on equipment by discharging or bypassing surge currents plays an important role in the Electrical Transmission and Distribution system. However, Surge Arresters still remain one of the most misunderstood items in an electrical system. Over-voltage Protection is of key Importance to Utilities to improve their Network Quality and Reliability Surge.



Mr Padma Kumar, Chairman, IEEMA Surge Arrestors Division



Mr Abhijit Dhamale, Vice Chairman, IEEMA Surge Arrestors Division

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Case Study

Measures for Prevention Of Failure Of Distribution-Class Surge Arresters



In the distribution system, surge arresters are less expensive compared to the other electrical equipments installed and their presence in the system goes unnoticed during the normal operation. Surge arresters are noticed only when they fail or when other system equipment fails.

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Expert Speak

Surge Protection and Survival of Aged High Value Substation Equipment

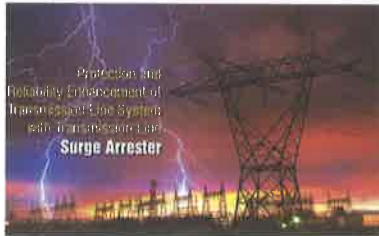
Electrical Power System is exposed to different over voltages due to lightning, switching and temporary over voltages. Lightning Surge Voltages that travel to the line entrance of a station are caused either by a lightning flash terminating on the overhead shield wire or structure with a subsequent back flash to the phase conductor.



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In depth

Protection and Reliability enhancement of transmission line system with Transmission line Surge Arrester.



World power consumption are on increasing trend and thereby reflects the priority to increase the power system continuity and reliability. With the recent advancement in sensitive electronic controls in the process industries,.

60

In Focus

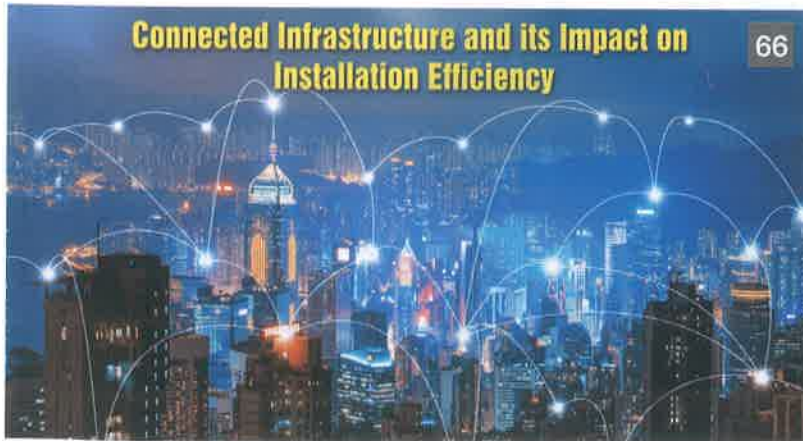
Protection & Maintenance of Switchgear Equipment From Steady State & Transient Errors – Good Practices

Risk identification and mitigation is at the heart of every business's success. Paying enough attention to the risk of equipment wear and tear that eventually leads to failure. We must keep in mind when it is failure it is not only the cost of replacement but also associated productivity losses and operational delays due to equipment failures.

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Insight

Connected Infrastructure and its impact on installation efficiency



Disruptive technologies lead to transformational changes. In today's scenario everything is connected via Internet. The integration of networked infrastructure is altering the reality of how business operates. The industrial internet will have a profound impact upon the future of business. Numerous organizations have analysed and anticipated the impact of the industrial internet creating the opportunity as big as 397 billion dollars by 2025.

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International Presence

- CIRED 2019
- Visit to Energetika & Elektrotechnika – 2019 for ELECRAMA promotion
- ELECRAMA 2020 promotion at 5th Edition of ALPGA RISE 2019

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Power Scenario

Global Scenario
Indian Scenario

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International News

- Nigeria agrees plan with Siemens to nearly triple power supply by 2023
- Brazil ministries to present Eletrobras privatization plan in next two weeks.

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National News

- BEE to help Andhra Pradesh to build energy-efficient housing
- CCEA approves Rs 1,600 cr for Dibang power project in Arunachal Pradesh

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Corporate News

- Mr. R K Chugh elected as President, IEEMA for 2019-20
- L&T Hydrocarbon Engineering awarded Marjan Oil Increment EPCI (Mega) Project in Saudi Arabia

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IEEMA Activities



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Product Showcase

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Sparks Sans Shocks



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