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From the President's Desk

Samvaad



This new space in the IEEMA Journal will incorporate recent important appointments in the power and related sectors.

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Cover Story

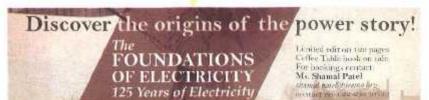
ELECRAMA-2016: A power packed event

The 12th edition of ELECRAMA. the World's largest Transmission and Distribution Exhibition was a power packed event, which was held at BIEC Bengaluru from 13th -17th February, 2016. The event witnessed the presence of who's who in the power industry both domestic and international. The five days international flagship event of IEEMA was inaugurated by Shri Piyush Goyal, Hon'ble Minister of State (IC) for Power Coal, New & Renewable Energy, Government of









by Robert Dent HTEL USA

\$ 5,000,000 per 1000

India, in the presence of the Energy Minister of State of Karnataka, Mr D K Shivakumar, Power Secretary, Mr P K Pujari, Coal Secretary, Mr Anil Swarup, State Power Secretaries, CMDs of Power Utilities, Senior officials of Ministry of Power, Mr Babu Babel, President, IEEMA, ELECRAMA 2016, Organising Committee Chairman, Mr. Aaditya R Dhoot, senior bureaucrats and industry leaders.



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In Depth

New Electricity tariff policy tightens Regulator's role

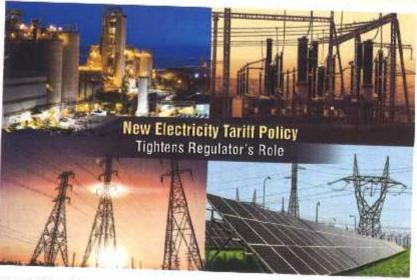


In Focus

Standardization of PV Wires and Cables

Starting at the end of last century the worldwide interest in renewable energy was encouraging the PV industry to grow significantly and this growth around the world was irresistible. At that time the construction of PV systems was an expensive and long term investment and the investors did not know how to estimate the quality of modules, and customers were asking for the expected lifetime of PV modules and PV installations. There was a strong need for a third party assessment of safety and quality.





The Ministry of Power is empowered to prepare the tariff policy, which may be revised from time to time for the development of the power sector and for the optimal utilization of natural resources. The first Tariff Policy was notified by the Central Government under Section 3 of the Electricity Act, 2003 on 6th January, 2006 and the same was amended on 31st March, 2008, 20th January, 2011 and 8th July, 2011. The Govt. of India has now notified new tariff policy on 28th January, 2016. For the first time a holistic view of the power sector has been taken and comprehensive amendments have been made in the Tariff Policy 2016.

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Guest article

How to minimise the Generation Capacity augmentation and environmental pollution by Energy Efficiency measures

Increasing the use of power not only brings more opportunities to earn livelihoods & provides more comforts but also has certain adverse impacts on people and on the environment. About 70% of India's power comes from burning of coal and 6% comes from burning gas/oil

in power plants. Burning fossil fuels like coal or oil/gas has significantly adverse impacts on the environment & society too. These impacts range from the local levels to affecting the climate of the entire earth. The mining & transport of coal, ash dumps, ground water contamination & air pollution affect the populations living around the mining sites & power plants. In tune with this, the MOP has prepared a detailed action plan for implementing projects and programs on efficient use of energy.

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Tech Space

Power Quality in Grid Connected Wind Cluster under Voltage Dip Condition An Investigation of Power Quality Waveforms



The penetration of huge wind cluster to the grid system is directly affecting the nature of power quality of power system. As per the new Indian gnd codes the heavy penetration of wind cluster leads to new technical challenges such as voltage dip, reactive power, etc Hence it is important to investigate the impact of Power Quality (PQ) issues like voltage dip, reactive power.etc in grid connected wind cluster. This paper presents the MATLAB based modeling and analysis of wind power system, also it described the assessment of voltage dip condition due to starting up of Induction generators, symmetrical and unsymmetrical fault condition. increasing of incoming Induction generators and loading condition in weak grid system.

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(From L to R) Mr Suresh Prahhu, Minister for Railways addressing the gathering, Mr Mustafe Weild, Convener – World Utility Summit, Mr Aadilya Dhoot, Chairman, ELECRAMA-2016, Mr S Gurumurity, Author, Columnist & visionary Economist, India, Mrs. Baroness Verma, Parliamentary Under Secretary of State - International Development, UK, Mr Babu Babel, President, IEEMA, Mr Anil Swarup, Secretary, Ministry of Coel, Government of India, and Dr Jay Girl Governing Board Member - IEEE Power and Energy Society, USA

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