

PQ Audit - The right choice to ensure power system performance

**Asia Power Quality Initiative
Webinar**

Date: 23rd Feb 2017

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**International Copper
Association India**
Copper Alliance

apqi ASIA
POWER
QUALITY
INITIATIVE

Our previous hosted Webinars topics and panelists

Topics	Speakers
Business Case for PQ Investment by Indian Power Distribution Utilities	<ul style="list-style-type: none"> • Mr. PannaLal Biswas (AVP, Advanced PQ Solutions, ABB Limited) • Dr. Samsul Ekram (AGM, Crompton Greaves)
High ROI for industries & Commercial Buildings from investments in PQ - Case Study	<ul style="list-style-type: none"> • Mr. M. R. Srinivas (Edison Expert & Sr. Manager, Power Quality, Schneider Electric) • Mr. N. K. Jain, (Director, N K Jain Consulting Engineers) • Mr. Jeetendra Jain (General Manager, Usha Martin Ltd.)
Incorporating Power Quality (PQ) performance parameters in distribution automation	<ul style="list-style-type: none"> • Mr. Ramachandran Pillai (Head, Distribution Support Services, TATA Power Ltd.) • Mr. Sanjay Anada (Deputy Director, Technical and Tariff – GERC)
Innovations In Power Quality (PQ) Interventions	<ul style="list-style-type: none"> • Mr. Amit A. Raje (Managing Director, Aartech Solonics Limited) • Mr. S. B. Mahajani (Dy. Gen. Manager, Amtech Electronics (India) Limited)
Reactive Power Compensation in harmonics rich environment	<ul style="list-style-type: none"> • Dr. K Rajamani (Chief Consultant, Reliance Infrastructure Ltd.) • Dr. Venkatesh Raghavan [President (Power Quality Solutions), EPCOS India Private Limited.]

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Measurement and Verification of Power Quality in Utilities	<ul style="list-style-type: none"> • Mr. Suhas Dhapre (Head, Transmission Planning and Performance Cell, Tata Power Ltd) • Mr. Sanjiv Dhal (Sales and Marketing M&C, Secure Meters Limited)
How to calculate Electric losses due to poor PQ?	<ul style="list-style-type: none"> • Dr. Bhim Singh (CEA Chair Professor, Department of Electrical Engg. IIT Delhi) • Mr. Frank Healy (Global Product Marketing Manager – PQ, Fluke Corporation)
Leveraging Passive Filters to Minimize Life Cycle Cost	<ul style="list-style-type: none"> • Dr. V. R. Kanetkar (Technical Consultant, Emerson Network Limited) • Ms. Anjali Chandra (Chief Engineer, Central Electricity Authority)
Uncovering Investment Analysis for Power Quality Solutions	<ul style="list-style-type: none"> • Mr. Mustafa Wajid (CEO, Meher Group) • Mr. Rajiv Sharaf (CIO, Reliance Infrastructure)
Assessing Transformer Loss in Harmonics High Environment	<ul style="list-style-type: none"> • Mr. Walter Hulshorst (Head of Section - Power System Planning, DNV GL – Energy Advisory)

Asia Power Quality Initiative

- Program initiated in Asia with the background of the European Experiment (LPQI) – Continuing Professional Development
- A **neutral collaborative platform** shared by National Support Network (NSN) Partners to promote **education and awareness** and facilitate policy / regulatory changes.
- **Objective:**
 - help industries in Asia **address Power Quality issues** as a means to enhance their competitiveness.
 - **Building up capacity** of utility / industry / service sector in identifying and addressing PQ issues as a means to enhance their continuous quality delivery
 - Facilitate policy changes and market transformation towards '**Safe and Quality Power for All**'.

Learning from APQI : A focus around 3 Missions



A reference for all PQ matters in Asia

A network of European /Asian
PQ experts
(standardization/certification
body participation)

Leads appropriate PQ study
(PQ Survey,
PQ Regulation report)

Education & training fine tuned for individuals

Print publications

Electronic library

Lead the dynamic through adequate knowledge management & E-dissemination

Website

Forums

Seminars

Webinars

National Support Network (NSN) Partners



Knowledge Partner :



Speakers and their brief profile



Mr. Lalit Kumar Wasan serves as Head of Power System Control (Network Operations) at Tata Power Delhi Distribution Limited [TPDDL]. He is working with power sector since last Eighteen years with experience in Power System Control, Operations, AMR & Energy Audit, including implementation of ERP system in TPDDL for better process management & resource optimization.


Mr. Lalit Wasan has been at TPDDL since Jan 2003. He is B.Tech, PGDM & a certified solution consultant for SAP-PM module. He is an Alternate Member of Bureau of Indian standard (BIS) ETD 16 committee on renewable Integration and he is also a Member of AESIEAP Working Group on Asset Management



Mr. Rajen Mehta serves as the Head of Consulting at Efficienergi Consulting Pvt. Ltd., a start-up building an innovative and scalable platform to enhance Reliability, Efficiency, Safety and Productivity of Power and Energy Systems for end users. He has worked in capacity of Technical Director of Power Matrix Solutions Pvt. Ltd for 14 years and successfully set up the entire product portfolio for manufacturing of various Power Conditioning systems.

With an overall work experience of 16 years, he has supervised commissioning of more than 1000 power conditioning equipment such as reactive power compensation systems, harmonic filters, isolation transformers, surge suppression devices, low impedance earthing derivatives. Executed orders worth more than 15-20 Mn US\$ in the Power Conditioning & Energy efficiency solutions space.

He has high competency in Power Quality and Energy Efficiency, Electrical Network Optimization Studies, Process Reengineering, IT Enabling for key Business Processes, Managing Business Operations, Designing Technical Application Solutions across Industrial/Commercial Segments for solving key customer concerns.



To have inputs from different stakeholders,
we are doing a small survey to understand
what topics around PQ they would want us to
cover in our future Webinars.

Visit www.apqi.org for more details

THANK YOU!