

PQSynergy™ 2022 Agenda

20th Annual PQSynergy™ International Conference and Exhibition 2022
September 14th to 16th, Holiday Inn Bangkok Sukhumvit 22 , Ballroom 1, 7th Floor

Day 1: Wednesday September 14th, 2022: Power Quality

08:00 - 08:50 **Registration <Arreerat Kaewbophit Welcome Remarks>**

08:50 - 09:00 **Welcome Address (Terry Chandler)**, Conference Chairman

Session 1

09:00 - 09:30 **Keynote Speaker (VIA Remote Zoom)**

Detecting Lightning Without Onsite Sensors

Solal Bordenave, Chef des Ventes Grand Export/Head of International Sales, *Météorage, France*



09:30 - 10:00 **A Case Study and Analysis on Low Voltage Air Circuit Breaker Unreasonable Automatically Trip**

Wanchalerm Patanacharoenwong, Engineer Level 5

Panuwat Sornsurb, PEA-N3 Lopburi, Chief of Power Quality Analysis Section, *PEA Lopburi, Thailand*



10:00 - 10:30 **Coffee/Tea break (Exhibits open)**

Session 2

10:30 - 11:00 **PQAI2 (Commercial Message by a Gold Sponsor)**

Adrian Teo, Technical Director, *PQAI, Singapore*



11:00 - 11:30 **Best Practice in Implementing Coordinated Electrical Protection Scheme**

Voon Yip Seng, *Mun Hean, Singapore*



11:30 - 12:00 **Australia's Face Paced Energy Transition PQ Challenges and Learnings**

Michael Guy, Sales Director Australasia, *CT Lab, South Africa/Australia*



12:00 - 13:30 **International Buffet Lunch at Zeta Café, 8th Floor (Exhibits open at 13:00)**

Session 3

13:30 - 14:00 **Missing Earth Loop Impedance**

Muhammad Najmi Bin Bohari, Professional Engineer, *Potentia Dynamics, Singapore*



14:00 - 14:30 **TNB's Approach on PQ Mitigation**

Mohammad Rhaiz bin Abdul Aziz, Technical Expert (Power Quality & Energy Efficiency),

Tenaga Nasional Berhad, Malaysia



14:30 - 15:00 **Harmonic Compensation for Power Quality Enhancement in Grid Integration of Photovoltaic using Active Power Filter**

Panaya Sudta, Assistant Chief of Power Quality Analysis Section

Patchara Boonsopark, Deputy Manager Customer Service Division, *PEA Lopburi, Thailand*



15:00 - 15:30 **Coffee/Tea break (Exhibits open)**

Session 4

15:30 - 16:00 **Bitcoin and Power Consumption**

Jay Babin, Managing Director, *E-Flow (Thailand) Co. Ltd.*



16:00 - 16:15 **Closing Remarks**

Terry Chandler, *Power Quality (Thailand) Co., Ltd*

16:15 - 17:00 **Visit the Exhibitors**

17:00 - 18:00 **Light snacks and refreshment at Zeta Café 8th floor hosted by Power Quality Thailand LTD**

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Day 2: Thursday September 15th, 2022: Energy Efficiency & Renewable

08:00 - 08:50 **Registration**

08:50 - 09:00 **Welcome Address** <Jay Babin Moderator>

Session 1

09:00 - 09:30 **Keynote Speaker**

Increases in Solar and Wind Demand Storage. Are Electric Vehicles an Option?

Peter Larsson, Power Quality (Thailand) Consultant, *Power Quality (Thailand) Co., Ltd.*



09:30 - 10:00 **Grid Energy Management (EMS) for Future Grids with Many Interconnected Micro-grids**

Kerk See Gim, Head, Smart Grid & Metering, *Power Automation Pte Ltd., Singapore*



10:00 - 10:30 **Coffee/Tea break (Exhibits open)**

Session 2

10:30 - 11:00 **Community for Exchange Information of Power Quality Problem in Northern Industrial Estate by PQx Platform to Transmit Data in Real Time**

Nat Songkram, *PEA Chiangmai, Thailand*



11:00 - 11:30 **Grounding & Surge Protection System and Assessment for Industries Installations and Grid Substations**

Ronak Desai, Head - Technical Services, *DEHN, India*



11:30 - 12:00 **PQView (Commercial Message by a Gold Sponsor)**

Brian Todd, *Dranetz, USA*



12:00 - 13:30 **International Buffet Lunch at Zeta Café, 8th Floor (Exhibits open at 13:00)**

Session 3

13:30 - 14:00 **PQ Application on Smart Grid and EV**

Adrian Teo, Technical Director, *PQAI, Singapore*



14:00 - 14:30 **Harmonic Resonance – Its Origin and Some Common and Uncommon Measures for Preventing and Managing it**

Baldev Raj Narang, CEO, *Clariant Power System Ltd., India (via remote zoom)*



14:30 - 15:00 **Improve the Power Quality Measurement Process at PEA's Substations in Industrial Estates**

Suchart Taothong, *PEA Korat, Thailand*



15:00 - 15:30 **Coffee/Tea break (Exhibits open)**

Session 4

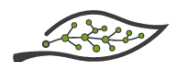
15:30 - 16:00 **Power Quality Laboratory In PEA Central Area 3 Nakhonpathom**

Danaisak Tangsakha, Chief of Power Quality Analysis, *PEA Nakhon Pathom, Thailand*



16:00 - 16:30 **Managing Power Quality with AMI in High Penetration DER Distribution Networks**

Chris Law, CEO, *Future Grid, Australia*



16:30 - 16:45 **Closing Remarks**

Terry Chandler, *Power Quality (Thailand) Co., Ltd*

16:45 - 17:45 **Visit the Exhibitors**

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Day 3: Friday September 16th, 2022: Electrical Distribution Efficiency

08:00 - 08:50 **Registration**

08:50 - 09:00 **Welcome Address** <Victor Wong Moderator>

Session 1

09:00 - 09:30 **Keynote Speaker**

Thailand - World Oder

Xuwicha Mehiranpruek

09:30 - 10:00 **Get a Fully Remote-Control Router and Control your End-device Through 3G/4G/LTE Network**

Thaweesak Aranchote, Electrical Engineer, *Power Quality (Thailand) Co., Ltd.*



10:00 - 10:30 **Coffee/Tea break (Exhibits open)**

Session 2

10:30 - 11:00 **Analysis of Voltage Imbalance in Prosumer Medium Voltage Distribution System with Rooftop Photovoltaic System**

Churit Pansakul, Assistant Chief of Section Power Quality Analysis

Pichaya Kaewchang, Engineer of Power Quality Analysis Section C3

Prasopphol Changpan, Engineer of Service and Business Section C3, *PEA Nakhon Pathom, Thailand*



11:00 - 11:30 **Power Quality Blog**

Robert James Stewart, Electrical Engineer, *Power Quality (Thailand) Co., Ltd*



11:30 - 11:45 **Closing Remarks**

Terry Chandler, Director, *Power Quality (Thailand) Co., Ltd*

12:00 - 13:30 **International Buffet Lunch at Zeta Café, 8th Floor (exhibits open at 13:00)**

Due to Circumstances Beyond Our Control the Afternoon Technical Tour has Been Canceled

Thanks to the Following Sponsors Who Have Made PQSynergy™ 2022 Become Success



Thank you all for participating our 20th annual PQSynergy™ 2022