

23rd ANNUAL PQSYNERGY™

International Conference & Exhibition

2025

September 8th – 9th

Venue: Four Points by Sheraton Bangkok, Sukhumvit 15

Program and Schedule Day 1: Power Quality

Registration 08:30 – 09:30

Welcome Address by 09:30 – 09:45

SESSION 1



"Development of Power Quality Monitoring System for compliance with PQ regulations In Maharashtra (India) : Case Study of AISSMS IOIT Campus" - Remotely

09:45–10:15

KEYNOTE ADDRESS BY MR. SACHIN SHELAR – Assistant Professor

AISSMS's Institute of Information Technology – India



"Towards a Self Aware and Self Healing Network"

10:15–10:45

MR. WILLIE VAN WYK – CEO

CT LAB (PTY) LTD—South Africa

COFFEE BREAK

10:45–11:00

SESSION 2



"A Machine Learning-Based Approach for Power Quality Disturbance Analysis In Electric Vehicle-Penetrated Distribution Networks."

11:00–11:30

DR. PANAYA SUDTA, MR. WANCHALERM PATANACHAROENWONG

Provincial Electricity Authority Northern 3 Region – Lopburi



"A Voltage Improvement Strategy to Mitigate Technical Losses at the 22 kV Sal Yok Substation"

11:30–12:00

MR. CHURIT PANSAKUL – Engineer

Provincial Electricity Authority Central 3 Region – Nakhon Pathom

LUNCH BREAK

12:00–13:00

SESSION 3



"Beyond Monitoring: μ SCADA for DER-Integrated Distribution Grids"

13:00–13:30

MR. KEITH HOUGHTON – Director

Linklaser— United Kingdom



"Case Study: Power Quality Issues and Capacitor Failures Due to Low Power Factor After the Installation and Operation of Solar PV Systems In an Industrial Plant"

13:30–14:00

MR. WATCHARAPONG INKHLIB—Engineer

Provincial Electricity Authority Central 3 Region – Nakhon Pathom

COFFEE BREAK

14:00–14:15

SESSION 4



"Substation Digitization and Robotics – A Singapore Trial for Substation Maintenance"

14:15–14:45

MR. KERK SEE GIM – Project Director

Power Automation Pte Ltd.— Singapore



"The Impact of Future Power Monitoring Systems on Electrical Utility Customer Satisfaction"

14:45–15:15

MR. TERRY CHANDLER – Chairman, Director of Engineering

Power Quality (Thailand) Co., Ltd.

Commercial Message from Exhibitor by CT LAB (PTY) LTD 15:15–15:30

Closing Remarks 15:30–15:45

Refreshment / Meet Exhibitors 15:45–Onward

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Program and Schedule Day 2: Energy Efficiency and Electric Vehicle/EV Charging Station

Registration 08:30 – 09:30

Welcome Address by 09:30 – 09:45

SESSION 1



"The History of IEC 61000-4-30 Why It was Created, the Different Quantities that are Covered in the Standard and the News Regarding the Latest Edition 4 that will be Released Next Year"

09:45–10:15

KEYNOTE ADDRESS BY MR. JONNY CARLSSON – Position

Unipower AB – Sweden



"Technology and Application of Renewable Energy In the Present Day"

10:15–10:45

MR. BANCHA YATHIP – Energy Advisor

Information And Communication Networks PCL – Thailand

COFFEE BREAK

10:45–11:00

SESSION 2



"Power Quality Measurements from the Spain - Portugal Blackout"

11:00–11:30

MR. THOMAS OTTOISSON – Ceo

Unipower AB – Sweden



"Energy Demand of Data Centers"

11:30–12:00

MR. JAY BABIN – Managing Director

E-Flow (Thailand) Co., Ltd. – Thailand

LUNCH BREAK

12:00–13:00

SESSION 3



"Application of Artificial Intelligence for Power Quality Issues"

13:00–13:30

MR. MINASAMUDRAM RANGASWAMY SRINIVAS – Founder & CTO

Harmonizer India Pvt Ltd., – India



"PEA Microgrid and BESS Application"

13:30–14:00

DR. CHAKPHED MADTHARAD – Deputy Director of R&D Department

Provincial Electricity Authority – Bangkok

COFFEE BREAK

14:00–14:15

SESSION 4



"The Impact of EV Charging Stations on Electric Utilities Quality of Supply (QOS) Focus on DC Fast Charging"

14:15–14:45

MR. TERRY CHANDLER – Chairman, Director of Engineering

Power Quality (Thailand) Co., Ltd.



"Challenges with 4G Router in PQ Monitoring"

14:45–15:15

MR. ROBERT JAMES STEWART – Electrical Engineer

Power Quality (Thailand) Co., Ltd.

Commercial Message from Exhibitor by Unipower AB 15:15–15:30

Closing Remarks 15:30–15:45