

**PQSynergy™ 2017 Agenda**  
**17<sup>th</sup> Annual PQSynergy™ International Conference and Exhibition 2017**  
**April 24<sup>th</sup> to 26<sup>th</sup>, 2017, Chiang Rai, Thailand**

**Day 1: Monday, April 24<sup>th</sup>, 2017: Power Quality**

8:00 - 8:50	<b>Registration</b>	
8:50 - 9:00	<b>Welcome Address</b> Terry Chandler, Conference Chairman	
<b>Session 1</b>		
9:00 - 09:30	<b>Keynote Speaker</b> <b>Power Quality Problem Analysis of VSPP</b> <b>Case Study: Solar Farm in Amphoe Sai Yok, Kanchanaburi, Thailand</b> Surawut Bunnag, Chief of Power Quality Department, <i>PEA-Nakhon Pathom</i>	
9:30 - 10:00	<b>TBC (Commercial)</b> Brian Todd, Vice President, Global Sales & Support, <i>Dranetz Technologies Inc.</i>	
10:00 - 10:30	<b>Coffee/Tea Break</b>	
<b>Session 2</b>		
10:30 - 11:00	<b>Power Quality and the Impact on Electrical Vehicle Charging Stations</b> Terry Chandler, Director of Engineering, <i>Power Quality (Thailand) Co., Ltd.</i>	
11:00 - 11:30	<b>Electrical Cars and Charging in China – Update</b> Qianlu Yan, Vice General Manager, <i>Beijing Joint Harvest S&amp;T Co., Ltd.</i>	
11:30 - 12:00	<b>Design and Evaluation of Power Quality Solutions for Welding Loads in the Auto Industry</b> Shwetank Jain, Director, <i>P2 Power Solutions</i>	
12:00 - 13:30	<b>Lunch at Island Café</b>	
<b>Session 3</b>		
13:30 - 14:00	<b>Power Quality and Harmonics: Causes and Effects in a Paper Mill</b> Danaisak Tangsakha, Power Quality Engineer, <i>PEA-Nakhon Pathom</i>	
14:00 - 14:30	<b>Sychrophasors for Distribution Systems</b> Thomas Pua, Senior Product Development Engineer, <i>Power Standards Lab</i>	
14:30 - 15:00	<b>Proactive use of PQ Data: Forward Looking Strategies for PQ Data Beyond just Post-Mortem Analysis</b> Bill Howe, Program Manager, Power Quality (P1), <i>Electric Power Research Institute</i>	
15:00 - 15:30	<b>Coffee/Tea Break</b>	
<b>Session 4</b>		
15:30 - 16:00	<b>Thermal Modeling of Oil Immersed Transformer for Embedded System Using Temperature Rise Data</b> Nat Songkram, Power Quality Engineer, <i>PEA-Chiang Mai</i>	
16:00 - 16:30	<b>TBC</b> <b>OPEN SLOT</b>	
16:30 - 16:45	<b>Closing Remarks</b> Terry Chandler	
16:45	<b>Cocktails &amp; Snacks</b>	

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**Day 2: Tuesday, April 25<sup>th</sup>, 2017: Energy Efficiency and the Smart Grid**

8:00 - 8:50

**Registration**

8:50 - 9:00

**Welcome Address**

Eric Stojkovich, Conference Chairman

**Session 1**

9:00 - 09:30

**Keynote Speaker**

**Economics of PQ: Developing an Improved Strategy for Valuing Good PQ**

Bill Howe, Program Manager, Power Quality (P1), *Electric Power Research Institute*



9:30 - 10:00

**PQube 3 and Micro Power Quality (Commercial)**

Marco Mancilla, Global Vice President of Sales, *Power Standards Lab*



10:00 - 10:30

**Coffee/Tea Break**

**Session 2**

10:30 - 11:00

**Power Quality Case Studies**

Terry Chandler, General Manager Dranetz Asia, *Dranetz Technologies Inc.*



11:00 - 11:30

**Power Quality in Building Services: Case Studies & Examples from Singapore**

Muhammad Najmi Bohari, Principal Consultant, *Potentia Dynamics*



11:30 - 12:00

**Safety Issues Caused by High Earth Resistance and Identifying Them Using Instruments**

Thomas Szollossy, Senior Applications Engineer, *Power Quality (Thailand) Co., Ltd.*



12:00 - 13:30

**Lunch at Island Café**

**Session 3**

13:30 - 14:00

**Impact of Power Quality on Rice Mills**

Chinnatas Jantong, Power Quality Engineer, *PEA-Nakhon Pathom*



14:00 - 14:30

**Testing Power Quality Meters with the PQsim Training Tool (Commercial)**

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



14:30 - 15:00

**Reducing Generator Size and Fuel Consumption using Harmonic Mitigation**

Tony Hoevenaars, President and CEO, *Mirus International*



15:00 - 15:30

**Coffee/Tea Break**

**Session 4**

15:30 - 16:00

**Secure and Reliable Communications for IoT (Internet of Things) in Utilities**

Peter Larsson, Business Development, *IoTium*



16:00 - 16:30

**TBC**  
**OPEN SLOT**

16:30 - 16:45

**Closing Remarks**

Terry Chandler

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**Day 3: Wednesday, April 26<sup>th</sup>, 2017: Harmonics Training & Half Day Tour**

8:00 - 8.50 Registration  
 8:50 - 9:00 Welcome Address  
 Terry Chandler, Conference Chairman

**Session 1**

9:00 - 10:00 **Keynote Speaker**  
**Basic Introduction to Harmonics, Measuring harmonics, and Case Studies**  
 Terry Chandler, Director of Engineering, *Power Quality (Thailand) Co., Ltd.*



10:00 - 11:00 **Harmonic Simulaioon Tools (Title not confirmed)**  
**Philip Keebler, Electrotek Concepts Inc.**



11.00 - 11:30 **Coffee/Tea Break**

11:30 - 12:30 **Harmonic Solutions Using Passive and Active Filters**  
 Tony Hoevenaars, President and CEO, *MIRUS International Inc.*



12:30 - 12:45 **Closing Remarks**  
 Terry Chandler

12:45 - 14:00 **Lunch at Island Café**

14:00 - Onwards **Choice of either a round of golf with Terry or a sight-seeing tour**