



**POWER & ENERGY SOCIETY  
INDUSTRY APPLICATIONS SOCIETY  
LIFE MEMBERS AFFINITY GROUP  
NEW YORK SECTION**



**You are invited to a meeting of the PES & IAS NY Chapter and the NY LMAG on:**

## Power Quality Metering Basics

### Tuesday, March 28<sup>th</sup>, 2017

**THE PRESENTATION:**

This presentation will discuss metering power quality:

- |  |                               |
|--|-------------------------------|
| • Power quality definitions sags, swells, transients   | What is Power Quality         |
| • Poor Power Quality – what is it to you?  | Key measurement points        |
| • Power quality terms used in the power industry   | Power Quality terms to avoid  |
| • Power quality facts and trends   | What are voltage disturbances |
| • Common Power Quality Waveform Signatures such as Voltage Sags, Momentary Interruptions, Voltage Swells |                               |
| • PQ Parameters and PQ disturbances  | PQ Parameters to be recorded  |
| • PQ Disturbances briefly defined  | PQ Disturbances – Causes      |
| • What are Harmonics   | Where do Harmonics come from? |
| • Available power quality technology for the commercial and industrial building industry                 |                               |

**THE SPEAKER: Matthew Strong, Siemens**



Consulting Electrical Engineering Companies in San Diego (2 years) and Newport Beach Calif – (12 years) 14 years total. Square D Company Industrial Sales for the Petrochemical Industry – West Coast - 5 years. PowerLogic (Square D Company Sales and Business Development - 4 years) Siemens Business Developer Power Distribution Solutions Group Presently with Siemens. Education: San Diego State University BS degree. Past Chairman of the Orange County (Calif) IEEE

**ALL ARE INVITED – PLEASE POST**

RSVP: <https://meetings.vtools.ieee.org/m/44562>

**Chair Programs: Arnold Wong**

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**Chair Technical Committee: Sukumar Alampur**

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**FOR SECURITY REASONS: NO WALK-INS!**

**When:** 5:00 pm — Starts-Refreshments & Program

5:30 pm — Program Starts

7:00 pm — Program Ends

**Where:**

Con Edison

The Annex

4 Irving Place, New York, NY 10003

Nearest Subway: 14<sup>th</sup> St/Union Sq.

**This program will be awarded IEEE Continuing Education Units (Fee required)**

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

