



**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:

**Basics of Paralleling Generators and Grounding Recommendations**

**Tuesday June 27, 2017**

**THE PRESENTATION:**

This presentation provides a comprehensive overview of a power system and dives into the fundamental parameters needed to parallel generator sets together and how these parameters are controlled in a distributed logic architecture. The presentation describes the common building blocks of a power system and when a digital master control is needed and how it fits in the overall power system design. The second half of the presentation will cover system grounding methods for on-site generators. Discuss methods of ground fault sensing, when and how to switch the neutral conductor, resistance grounding and grounding of paralleled generator sets.

**THE SPEAKER: Hassan Obeid, Technical Specialist, Cummins Power Systems**



Hassan Obeid is a Technical Specialist in the Application Group at Cummins Power Generation. Hassan has been with Cummins since 2007 in a variety of engineering roles. Hassan has designed Power Systems involving switchgear controls, transfer switches, generator sets and remote monitoring. He has developed and conducted technical power seminars on several topics and products. Hassan led the switchgear design for the BEAR 800kW Mobile Power Unit for the Air Force. Hassan received his bachelor's degree in Computer Science and master's degree in Electrical Engineering from Minnesota State University, Mankato.

**ALL ARE INVITED – PLEASE POST**

RSVP: <https://meetings.vtools.ieee.org/m/45819>

**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

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.**

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