



**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:**

**Battery Storage ROI Modeling**

**Tuesday, September 26<sup>th</sup>, 2017**

**THE PRESENTATION:**

With the advent of the Sandy Storm of 2012, and the ongoing threat of power reliability issues related to new hurricanes, cyber security and the aging electric grid, Microgrids and other sources of more reliable power have become a priority of many large commercial, multi-tenant residential, hospitals and other large power users. It is highly recommended to complete a detailed feasibility study when evaluating battery storage, renewable energy sources, Co-Gen and other potential components of a more reliable power system. While the benefits of these investments cannot always be clearly identified and measured in cost savings or ROI, an evaluation of the local utility tariffs can provide a starting point for potential savings, in particular related to the cost savings in On-Peak Demand Charges.

This presentation will provide the profile of an actual large power user and provide examples of the peak kW demand potential savings based on various sizes of battery storage systems installed. A summary will be provided which end-users can apply to being their own internal ROI evaluations.

**THE SPEAKER: Gabriel Paoletti, P.E.**



Gabe Paoletti applies his forty (40+) plus years of electrical power distribution experience to support the electrical power industry. He is a Registered Professional Engineer in NY, PA and DE and has authored and presented numerous technical publications for IEEE and other organizations. He received his BSEE in Electrical Engineering at Drexel University in 1976 (Magna Cum Laude), and an MBA from Rutgers in 2009 (Summa Cum Laude).

Mr. Paoletti has also been on the forefront of many power system innovations and was awarded the IEEE Engineer of the Year Award for 2009 (Northern New Jersey Chapter) for new product and service innovation which improved the efficient distribution of electrical power. He currently provides services such as Project Engineering, Owners Representative and engineering and feasibility studies, including short and long-range strategic planning.

**ALL ARE INVITED – PLEASE POST**

RSVP: <https://meetings.vtools.ieee.org/m/47043>

**Chair Programs: Arnold Wong**

[wongar@coned.com](mailto:wongar@coned.com) or (212) 460-4189

**Chair Technical Committee: Sukumar Alampur**

[salampur100@hotmail.com](mailto:salampur100@hotmail.com) or (917) 522-2844

**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.**

