



**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:

**Rechargeable Batteries: Technology, Market and the Future**

**Tuesday, October 16, 2018**

**THE PRESENTATION:**

With the growth of ubiquitous cloud-based computing applications, we have seen a renewed focus in research on Data Center power usage optimization and its practical application. With an increase in power requirements from streaming to storing medical records combined with the costs of infrastructure, companies are evaluating how they can economically and quickly scale to meet demand. This talk will cover the evolution of the Data Center over the past ten years, the categorization of Data Centers into the different types that exist, the role of colocations, converged and hyper-converged infrastructure, and the products used in Data Centers today. Of particular interest is the use of rechargeable batteries in the Data Center and their expanded role in powering businesses, electric cars, IoT devices and supplementing the grid capacity.

**THE SPEAKER: Mariann O'Connor, Consultant**



Mariann is a consultant in the power, battery, and data center industries. Most recently, she worked at Eaton as Business Development Manager, National Account Manager and Data Center Segment Specialist focusing on single phase and three phase UPS solutions. Prior to that, she worked as Territory Sales Manager for Moltech Power Systems, a global rechargeable battery company. Mariann came to Moltech from a regional distributor of power supplies and transformers. She started her career at an electro-optical-mechanical design firm where she worked on flight simulation systems and specifically for a LSOT – Landing Signal Officer Trainer and helped design a wind shear alert system. Mariann O'Connor is an Electrical Engineer with a BSEE from Fairleigh

Dickinson University. In addition, Mariann holds two certificates, one in Facilities Management from Marist College and another in Optics from the University of Rochester. Mariann's thirty years of experience span from sales to management to business development.

**ALL ARE INVITED – PLEASE POST**

RSVP: <https://meetings.vtools.ieee.org/m/178184>

**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 — Refreshments & Networking

5:30 pm — Program Starts

7:00 pm — Program Ends

**Where:** Con Edison

The Forum, 14<sup>th</sup> Floor

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.**

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

