



**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

Electromagnetic Pulse (EMP) Hardened Mobile Control Center

Tuesday, February 27, 2018

THE PRESENTATION:

Con Edison has awarded a contract to ESP to design, build and deliver a Mobile Energy Control Center that is shielded against a high intensity Electromagnetic Pulse. The presentation will include an introduction to the physics of a nuclear EMP pulse and its potential effects on electrical and electronic equipment. It will cover the basics of designing an EMP shielded system and go into some detail about the specific design considerations and decisions that apply to the Con Edison Mobile Control Center, how communications are handled, how the system will be tested, the concept of operations and logistics issues.

THE SPEAKER: **Manuel Pimenta**, Senior Engineer, Consolidated Edison Company of New York



Manny Pimenta joined Con Edison in 2012 as a Senior Engineer working with Electrical Control and Automation Systems. He has over twenty years of experience with SCADA systems having worked as a Project Engineer, Senior Applications Engineer and Applications Engineering Manager for a SCADA systems manufacturer in NJ. He worked for eight years in the defense industry, as a Test Systems Engineer and Engineering Team Leader where he was primarily involved in designing automated test equipment for advanced military radar systems. He was part of the EPRI IEC 61850 Test Bed project and a participant in EPRI's Transmission and Substation Area Task Force. Manny has a BS in Electrical Engineering from NJIT and Masters in Computer Science from Stevens Institute of Technology.

ALL ARE INVITED – PLEASE POST

RSVP: <https://meetings.vtools.ieee.org/m/160680>

Chair Programs: Arnold Wong

wongar@coned.com or (212) 460-4189

Chair Technical Committee: Sukumar Alampur
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

Edison Room

4 Irving Place, New York, NY 10003

Nearest Subway: 14th St/Union Sq.

This program will be awarded IEEE Continuing Education Units.

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