



Energy Conservation Measures, Methodology, & Incentives 8 PDHs total

July 21, 2021 - 8:00 am – 5:00 pm

Commack, NY

Offered by: NYSSPE-LI & Marzzo Engineering, PLLC – A New York State Approved Provider

Cost: \$300 NSPE Members/\$325 Non-Members

Includes a hot breakfast entrée & lunch entrée, unlimited soda/coffee/tea

Location: Candlelight Diner, 56 Veterans Memorial Hwy, Commack, NY 11725

Payment must be made prior to the event. Social Distancing protocols will be enforced, therefore, we are unable to accept walk-ins at this time due to setup and spacing limitations.

**To register and pay via email
and check.**

Email: lpellizzi@nysspe-li.org

**Mail check to: NYSSPE-LI
c/o 477 Miller Place Rd
Miller Place, NY 11764**

To register and pay via Paypal.

Email: lpellizzi@nysspe-li.org

Click the Paypal button below.





Energy Conservation Measures, Methodology, & Incentives (Pt.1)

High energy costs and concern over the environment have generated elevated energy awareness throughout our society. New buildings are constructed to meet strict energy Code standards but there are still many existing facilities that could benefit by implementing energy conservation measures (ECM's). ASHRAE Level I, II and III energy audits are a means of identifying these conservation opportunities and related implementation costs as an initial decision making tool for a facility. Energy conservation is a broad field covering many technologies. Current practices and technological advances in lighting, lighting controls, motors/VFD and building envelope will be reviewed at length in this session.

Energy Conservation Measures, Methodology, & Incentives (Pt.2)

This session will discuss additional ECM technologies including but not limited to boilers & hot water heaters, chillers & cooling units, HVAC controls, data center applications, elevators, renewables, CHP, water conservation, calculation methodologies & modeling, interactive effects and incentive programs. Incentive programs play a major role in many energy projects by reducing the payback periods to acceptable levels. Local incentive programs will be reviewed along with a review of a sample energy project. Whether the facility is a large office building, a process plant or a residence the review of these topics will enhance understanding of potential savings opportunities available.

Speaker: James P. Riordan, BSME, PE, CEM

Jim holds a Bachelors Degree in Mechanical Engineering from New York Institute of Technology. He is a NY State licensed Professional Engineer and a Certified Energy Manager. Jim has over 20 years of extensive experience with both supply and demand side management projects, engineering design, energy auditing, electrical and thermal profiling, cost reduction and containment, cogeneration assessment and design, feasibility studies, power plant retrofitting, facility upgrades, computer modeling, energy conservation project development, utility analysis, preventative maintenance, project management and construction management. He has played key roles in numerous energy projects for Key Span, LIPA, NYPA and several ESCO's. Jim worked for the Caterpillar organization for a number of years gaining extensive engine experience. He was involved with the preparation and execution of Plan NYC for the mayor's office.



NYSSPE Long Island Chapter – Marzzo Engineering

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All fields must be completed

Name:			
E-Mail:		Phone:	
NYSSPE Member #:			