

EMERGING INNOVATION for the Electrical Industry

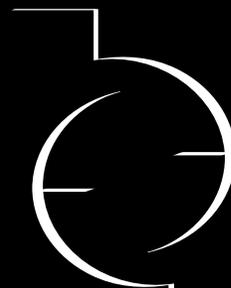
A glowing globe with a blue and green surface, surrounded by a colorful, ethereal aura of light. The letters 'EI2' are prominently displayed in white, bold, serif font across the center of the globe.

EI²

EXPOSITION & CONFERENCE

MAY 14, 2014 • 8AM-8PM • MONROEVILLE CONVENTION CENTER

PRESENTED BY:



Electric League
of Western Pennsylvania

SCHEDULE:



8 am	Floor Opens with Continental Breakfast
8 am – 3 pm	Full-day Code Program
9 am – 3 pm	Seminar Programs
11 am	Keynote Luncheon
5 – 8 pm	Reconnect at our Networking Party

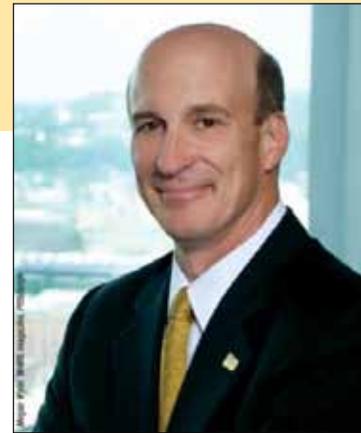
KEYNOTE SPEAKER

The Future Looks Bright: Regional Economic Development Update

PRESENTED BY

Dennis Yablonsky, CEO

The Allegheny Conference



THE PITTSBURGH region has been re-imagined thanks to the hard work of many people over the course of a generation. In recent years we have witnessed the results. Through the Great Recession and beyond, our economy has outperformed that of the nation as a whole and we have attracted global attention and significant business investment. Interest in our region by business decision-makers has never been higher.

The Allegheny Conference advances the mission of economic development with a focus on energy issues with a 100-plus member public-private collaborative working to increase energy-related investment and job creation in the Pittsburgh region. The group is raising awareness of the region as the new Center of American energy through an ongoing public awareness campaign. As the region leverages its diverse strengths in energy, it is important to continue to build on two generations of progress in all areas.

A native of the Pittsburgh region, Dennis Yablonsky is an accomplished and experienced veteran of managing and leading dynamic business growth—as a private business leader, a nonprofit economic development professional and a high-ranking appointed government official. He has grown companies from the ground up to a greater profitability and success both in the private sector and as the founding CEO of the Pittsburgh Digital Greenhouse and the Pittsburgh Life Sciences Greenhouse, revolutionary models for the focused growth of technology companies. During his service as Secretary of the Pennsylvania Department of Community and Economic Development (DCED), he brought together both an economic stimulus program and the policies needed to support business growth, expansion and location and to build economic vitality in communities across the Commonwealth.

NEW THIS YEAR

Come see our **Interactive Booth Displays** – touch, feel and experience all that is happening in this dynamic industry.

FREE ADMISSION TO EXHIBIT HALL 8am to 8pm

Please register to have your badge waiting for you! Bring a friend or colleague along, admission to the **Exhibit Hall & Networking Party** is free to all industry professionals.

HOW TO PRE-REGISTER

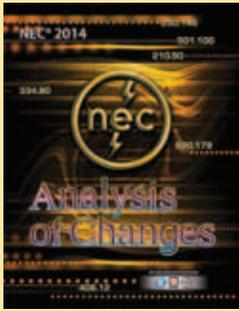
Register online at: www.electricleague.com
or complete the included form and send it to the Electric League office.

EXHIBITORS

3M	Eaton/Arrow Hart Wiring Device Products	INTERMATIC	Philips Lightolier
Advanced Digital Cable Inc.	Emon Honeywell	King Electrical Manufacturing	Prefer Solar
Air King	ENVIROFAN	KMA & Associates	Queen City Plastics Inc.
Aitken Products, Inc.	Ericson	LaFace & McGovern	RAB Lighting
APC (by Schnieder Electric)	Excel Dryer Corp.	LC&D	Renmark Sales
Architectural Lighting Sales	ExliteUSA	LEDzone	Repco II
Arlington	Federal Signal	Legrand – Cablofil, Wiremold, Pass & Seymour, and OnQ	Royal Building Products
Asco Power	Fields Electrical Sales	Levition	Sales Marketing Group
ASHRAE	FLO-AIRE, INC.	Lithonia	Satco Products
American Society of Heating, Refrigerating & Air-Conditioning Engineers, Inc.	GE Lighting	Littelfuse	Schneider Electric
Bender	GE Lighting Solutions	Lumax	SENSITY LIGHTING SYSTEMS
Burndy	GEMCO Sales	Lumenpulse	Service Wire Company
Calpipe	GENERAL CABLE	Lutron	Sigma Luminous
Cardel Criste	Global Tech Led	Lutron Shading Solutions	Southwire
Cleveland Brothers	Gormley Farrington	Madison Electric Products	SPRAYWAY, INC
Clovernook Fan Company	Gotham	Mark	Spruce Environmental Technologies, Inc.
Cody Associates	Greenlee Textron	Maxis	STABILOY BRAND
Condor Sales	G-Strut	MechoSystems Inc.	Summer Aire
Cree	Hammond Manufacturing	Meltric Corp.	Sunoptics
CSI	Hammond Power Solutions	Mersen (formerly Ferraz Shawmut)	Synergy Electrical
Construction Specification Institute	Highline Products	Milbank	Synergy Electrical Sales
Cummins Bridgeway, LLC	Houston Wire & Cable	NECA	Therm Coil Manufacturing Co.
DEHN, Inc.	Hubbell Lighting	New Horizon Lighting	Thomas & Betts
Duquesne Light	Hubbell Wiring Systems	NSI Industries	TPC Wire & Cable Corp.
Eaton	IAEI	Osram Sylvania	Triangle Engineering of Arkansas
Eaton Bussmann	International Association of Electrical Inspectors	Palco	United Rentals
Eaton's B-Line Business	IES	Peerless	Unity Electrical Sales
Eaton's Crouse-Hinds Business	Illuminating Engineering Society	Penn Union	Walter H. Schmitt & Assoc.
		Philips ColorKinetics	Wattstopper

PROGRAMS

8 am – 3 pm



2014 National Electrical Code (NEC): Changes That Will Impact You / Analysis of Changes

First, a safety problem is identified. Then someone proposes a solution. After much discussion and investigating, new code is written. Then IAEI analyzes and shares these changes. Get a jumpstart on more than 200 of the most crucial changes that impact your work! IAEI and NFPA, the two major authorities on code interpretation and enforcement, present these vital changes in an easy-to-use format and filled with valuable advice from the experts. This course will cover the most significant updates to the current National Electric Code. The program will be based on changes contained in the 2014 edition of the NEC. (6 CEUs given upon completion of course. Includes lunch (not Keynote Luncheon) and *Analysis of Changes* book, a \$70 value.

PRESENTERS:

David H. Platt, Certified Electrical Inspector
Middle Atlantic Inspection Inc., International Association of Electrical Inspectors

Chris G. Walker, Program Manager, Codes & Standards
Eaton Corporation Electrical Group

Joseph P. Fello, Senior Engineer
Residential Products Division, Eaton Corporation Electrical Group

David M. Wood, P.E., Engineering Specialist
Eaton Electrical Services & Systems

9 – 10 am

Smart Grid: Unravel the Mystery

What is Smart Grid and what does it mean in 2014 and beyond. This session will provide an overview of Smart Grid and will create a forum to discuss all aspects that are relevant to smart grid applications.

PRESENTED BY: Dave Defide, Manager Customer Programs
Duquesne Light Company

10 – 11 am

Specify LED Lighting & Controls with Confidence

The transformation from electric to electronic lighting has required us to review all our lighting specifications to be sure that they fully describe the differences in this new technology. The purpose of this presentation, is to review those areas of a typical LED specification for the “Type A” luminaire on a project that need to clearly describe what the performance requirements are for an LED luminaire. This program is intended for a more technical audience.

PRESENTED BY: Sandra M. Stashik, PE, FIES, LEED AP
Acuity Brands Lighting, Specification Marketing Manager

Ms. Stashik's approach to design is to create environments for people which are sustainable and innovative while allowing for the highest comfort and productivity of the occupants.

1 – 2 pm

Options in Circuit Protection

Emerging innovation is the new reality in circuit protection. This program will review what you need to know and what to consider when selecting the best overcurrent protective device for many different applications.

PRESENTED BY: Thomas A. Domitrovich

National Application Engineer, Eaton Corporation

Thomas is also a licensed Professional Engineer (PE) in the state of Pennsylvania and a LEED Associate Professional. He joined Eaton Corporation in 1995 and has held various roles within Eaton in business areas of Power Quality and Residential Products working with customers on systems solutions for construction of industrial, commercial and residential power systems. Thomas is currently a National Application Engineering role focusing on sustainability and safety, codes and standards.

2 – 3 pm

BIM Overview: Illuminating the Path

This program will provide an overview of BIM (Building Information Modeling) along with some of the advantages and disadvantages. The speaker will discuss how it's currently being used and possible future applications.

PRESENTED BY: Richard Paolini

Revit/BIM Coordinator, CJL Engineering

With over 35 years in the industry, Richard Paolini is now Revit /BIM Coordinator at CJL Engineering. He educates both clients and staff on new industry trends within his field. Rick is actively involved in the management, design, coordination and completion of all Revit projects at CJL Engineering.

3 – 4 pm

Proper Application of Fuses and Protection Relays

Providing the right equipment and personnel protection with the latest in current-limiting fuses and relay technology. This session will discuss how best to apply UL RK1 fuse technology to optimize short-circuit protection. Learn about the industry trends in mitigating electrical hazards and increasing safety with Arc Flash protection relays and GFCI relays for Industrial applications up to 600 volts.

PRESENTED BY: Cary Kroll, Engineer

Littelfuse, POWR-GARDProducts

Experienced trainer with a strong history in equipment and application related to NFPA 70E and general safety. 25 years total in the electrical industry with 15 years association with Littelfuse, POWR-GARD Products.

One Professional Development Hour (PDH) provided for each one-hour program.

FREE ADMISSION TO EXHIBIT HALL: 8am – 8pm

NETWORKING PARTY: 5 – 8pm

LEAD SPONSORS



INNOVATIONS SPONSORS



Cleveland
Brothers



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VISIONARY SPONSORS



SUPPORTING ORGANIZATIONS

**ASHRAE American Society of Heating, Refrigerating
& Air-Conditioning Engineers, Inc.**

CSI - Construction Specification Institute

IAEI International Association of Electrical Inspectors

IBEW International Brotherhood of Electrical Workers

IES Illuminating Engineering Society

NECA National Electrical Contractors Association

REGISTRATION

Registration must be submitted by May 5, 2014. Complete the registration form and return it to us today or register online at www.electricleague.com. Include additional names on separate sheet if needed. PLEASE PRINT CLEARLY.

NAME _____ TITLE _____
COMPANY _____ ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE _____ FAX _____
E-MAIL _____

EXHIBITS & PARTY ONLY (FREE) _____

Please register to have your badge waiting for you

CODE PROGRAM

Includes full day Code Program offering .6 CEUs, lunch, *NEC Analysis of Changes*, entrance to show & Networking Party.

- \$200 EL or IAEI members
 \$250 non-members

FULL REGISTRATION

Includes conference, keynote luncheon, all 1-hour seminars and Networking Party.

- \$200 members
 \$250 non-members

KEYNOTE LUNCHEON ONLY

Includes conference, keynote luncheon, and Networking Party.

- \$50 members
 \$70 non-members

INDIVIDUAL SEMINARS

Please select from SEMINAR list below.

- \$50 EL members
 \$75 non-members
 \$25 students*

** Must have valid student ID.*

INDIVIDUAL SEMINARS:

- 9-10 AM:** Smart Grid: Unravel the Mystery
 10-11AM: Specify LED Lighting & Controls with Confidence
 2014 National Electrical Code (NEC) Changes (6-hour course)

- 1-2pm:** Options in Circuit Protection
 2-3pm: BIM Overview: Illuminating the Path
 3-4pm: Proper Application of Fuses and Protection Relays
 Keynote Luncheon

2014 NEC CHANGES (6-hour course):

_____ MEMBERS X \$200 = \$ _____
_____ NON-MEMBERS X \$250 = \$ _____

FULL REGISTRATION (Includes 5 seminars):

_____ MEMBERS X \$200 = \$ _____
_____ NON-MEMBERS X \$250 = \$ _____

KEYNOTE LUNCHEON ONLY:

_____ MEMBERS X \$50 = \$ _____
_____ NON-MEMBERS X \$75 = \$ _____

INDIVIDUAL SEMINARS:

_____ MEMBERS X \$50 = \$ _____
_____ NON-MEMBERS X \$75 = \$ _____
_____ STUDENTS X \$25 = \$ _____

TOTAL ENCLOSED: \$ _____

PAYMENT METHOD (check one) Visa MasterCard AmEx Check (payable to the Electric League)

ACCOUNT NUMBER _____ / _____ / _____
EXP DATE _____ SECURITY CODE (BACK OF CARD) _____

NAME AS IT APPEARS ON THE CREDIT CARD _____

FULL ADDRESS FOR CREDIT CARD (INCLUDE STREET ADDRESS, CITY, STATE & ZIP WHERE CC STATEMENT IS SENT) _____

List names of additional attendees

1. _____
2. _____
3. _____
4. _____

FAX your registration to 412-661-5403

or mail your registration to:

**Electric League
5750 Baum Blvd
Pittsburgh, PA 15206**

Or register online at www.electricleague.com

PRAISE FOR THE CONFERENCE:

CJL Engineering always attends this valuable conference and believes it is a useful means to see all the new products and innovations under one roof.

— John Wilhelm, President
CJL Engineering

UPMC participates in the educational programs and finds them very useful.

— Liz Munsch
Children's Hospital of Pittsburgh UPMC

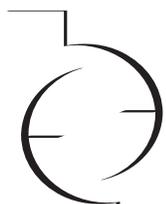
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IN TODAY'S COMPETITIVE MARKETPLACE, it's increasingly difficult to stay ahead of the latest developments in products, services, and technology. At Western Pennsylvania's premier electrical and lighting trade show, you will have the opportunity to view all of these under one roof, advance your career with educational programs, and meet new contacts at our Networking Party. The Exhibit Hall is open from 8am to 8pm.