



Electric Expo 2007

The Best Electrical Show in the East!

Electric Expo 2007 will be held Tuesday, October 16 and Wednesday, October 17 at the Valley Forge Convention Center from 2:00 p.m. - 8:00 p.m. on Tuesday and 2:00 p.m. - 7:00 p.m. on Wednesday. Entrance to the show floor is FREE! Educational seminars providing CEUs are also available!

Educational programming this year targets three subjects: (1) energy efficiency (2) security and (3) safety. Take advantage of both the educational seminars and the "hands on" exhibits on the show floor!

See Details Inside!

To register for the Expo, visit the official Expo 2007 website, www.electricalexpo2007.com. Register by Monday, October 8th and enter to win \$1,000! To make reservations for your stay during Electric Expo, you may call the hotel directly at (610) 337-2000. Be sure to mention you are with the Electric Expo to qualify for the special convention rate!

The EAP Honors Kenneth P. Hull, Jr.

On Thursday, May 10th The Electrical Association of Philadelphia held a Spring Reception honoring Kenneth P. Hull, Jr., for his extraordinary service to The Association, and the electrical industry.

Over 130 guests, including industry colleagues and Ken's family gathered at The Appleford Estate in Villanova and enjoyed butlered hors d'oeuvres, live piano music, and remarks by Mike Ciocci, Bill Walker, and Ken Hull. As a sign of appreciation, Ken was also presented with a painting entitled "Oysterdale Road," by local artist Peter Sculthorpe.

Congratulations Ken! Thank you for all you have done.



From Left: Dwight Price, Ken Hull, Penny Hull, and Mike Ciocci.



Bill Walker (center) and Dwight Price present Ken (left) with a painting by local artist Peter Sculthorpe.

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Come to Electric Expo 2007

Who Attends the Expo?

Architects, Building Owners and Managers, Consulting Engineers, Electrical Contractors, Distributors, Utilities, Maintenance and Plant Engineers, Purchasing Agents, OEM Customers, and Electrical Inspectors come to see what new products the exhibitors will introduce at the Expo. This is a unique opportunity to see the latest and greatest the industry has to offer!

Who Exhibits at the Expo?

The Electric Expo exhibitor base is comprised of manufacturers of commercial, industrial, residential, institutional, government, utilities, and voice/data products. We also have a number of exhibitors who provide services related to the electrical industry, such as testing and computer software products. Exhibitors travel to the Expo from across the United States and Canada. They realize that the Expo is great place to meet potential customers face to face and to offer new product demonstrations!

We'll Get You There!

Participating distributors offer customers transportation

to the Expo! Here is an excellent opportunity to spend time with your customers en route to Electric Expo 2007. There are only 40 slots for buses available and you get money back after the show, so don't miss THIS bus!

How To Register for Seminars

Registering is simple! Anyone purchasing an Electric Expo SEMINAR ONE DAY PASS may attend any seminar during one day. The SEMINAR ONE DAY PASS is available for only \$49 by PRE-REGISTERING at least one full week before the Expo (by Monday, October 8th). After October 8th, the SEMINAR ONE DAY PASS is available only onsite at the Expo and will cost \$69. Class space is limited. Log on to www.electricalexpo2007.com or watch your mail for registration information.

Need Information 24/7?

Visit the official Expo 2007 website, www.electricalexpo2007.com to get connected to the latest information about the Expo. You can register online, see who is exhibiting, get directions and hotel information, and more just with a click of a button.

Seminar and Forum Schedule

TUESDAY, OCTOBER 16

10:00 a.m. to 12:00 p.m. (one seminar):

Topic: What LEED Is All About: Saving Money, Improving Productivity, and Benefiting the Environment

Presented By: Square D

Speaker: John Berry, Northeast Sales Manager

CEUs: 0.2 (2 credit hours)

This seminar will explore LEED (Leadership in Energy and Environmental Design) Energy Certification, including how to obtain the designation. The session will be a mix of both general and technical aspects. Topics will include (1) environmental impact of buildings; (2) what is "Green Design?"; and (3) the benefits of "green building" - economic, worker productivity, and improving the environment.

10:00 am. - 2:00 p.m. FREE "FORUM" - OPEN TO ALL

Topic: Streetscape Lighting Systems

CEUs: None available for "forums"

Presented By: IES - Lamplighters Joint Activities Committee

Speakers: Michael Owens, Lighting Systems Engineer, GE Lighting Systems; Sandra M. Stashik, Principal, Grenald Waldron Associates; and Joseph M. Doyle, Chief Street Lighting Engineer, City of Philadelphia

This session will provide a forum for the much-needed discussion of relevant issues related to the construction of state-funded and/or locally financed streetscape projects which include the installation of a new decorative street lighting system. Three successive presentations will include (1) lighting equipment update, (2) streetscape project design, and (3) street lighting maintenance.

12:00 p.m. to 2:00 p.m.

Topic: Introduction to Fire Protection and CCTV Systems for Electrical Contractors

Presented By: Edwards Signaling & Security / GE

Speaker: David Ramsey, Technical Sales Manager

CEUs: 0.2 (2 credit hours)

In this entry level to intermediate level seminar, Edwards will focus on how to properly layout and install a central fire alarm system based on the conventional approach of zoning. Emphasis will be place on fire alarm technology and NFPA standards. The second part of the seminar will be an introduction to one of the hottest security products today, CCTV camera systems.

12:00 p.m. to 3:00 p.m. (the only 3 hour seminar)

Topic: Electrical Systems and Devices for Healthcare Facility Managers, Engineers, Electricians and Specifiers

Presented By: Leviton Manufacturing

Speaker: Dan Chisholm, Principal, MGI Systems, Inc.

CEUs: 0.3 (3 credit hours)

This entry level to intermediate level seminar addresses what professionals working in (or constructing) healthcare facilities need to know about electrical systems including emergency power systems and devices working day-to-day in a healthcare facility. Specific emphasis is placed upon NFPA 99, NFPA 110 and 2006 UL 943 GFCI Standard Update.

3:30 p.m. to 5:30 p.m. (two seminars available):

Topic: Lighting Control Solutions for Commercial Buildings

Presented By: Eaton

CEUs: 0.2 (2 credit hours)

Speaker: Alan Wyant, Product Manager for Lighting Control Solutions

This intermediate level seminar explores lighting control products including: (1) single system panels and networked system panels; (2) market drivers for the use of lighting control systems; (3) both new and retrofit applications; (4) customized graphics and web enabled interfaces; (5) integrating these controls into Building Automation Systems (BAS); and (6) next generation web-enabled and wireless products.

Topic: Voice, Data, Video, and Home Automation in the Residential Market

Presented By: Cooper Wiring Devices

CEUs: 0.2 (2 credit hours)

Speaker: Bob Pidgeon, Manager, Business Development

This is a basic overview of opportunities and technologies for electrical contractors, architects, builders, and developers. Voice, data, and video installations will be examined as a source of business and profits. More active products such as multi-room audio, security, home automation, and automated lighting will also be discussed. A live demonstration of RF Controlled products on site and via the Internet will also be included.

WEDNESDAY, OCTOBER 17

10:00 am. to 12:00 p.m. (one seminar):

Topic: Understanding the New Energy Codes and Their Impact on Facility Lighting

Presented By: Applied Energy Solutions

Speaker: Carl M. Watson, PE, LC

CEUs: 0.2 (2 credit hours)

Gain an understanding of the new lighting and electrical provisions of the ASHRAE/IESNA/ANSI Standard 90.1, as well as its consequences for facility lighting during renovations and new construction projects. Additional topics will include the mandatory requirements and the two alternative prescriptive path approaches for code compliance for interior and exterior lighting. Emphasis will be focused on how a Standard 90.1 integrates into the fabric of the International Building Code suite of regulations, and specifically, the International Energy Conservation Code (IECC). A newly updated comparison between IECC - 2006 and ASHRAE - 2007 requirements will be provided.

12:00 p.m. - 2:00 p.m. Environmental Protection Agency FREE "FORUM" - OPEN TO ALL

Topic: Saving Money With "Energy Star"

Speaker: Mindee Osno, Regional Energy Star Program Manager

CEUs: None available for forums

Electrical Shorts

2007 - 2008 Membership Directory

The 2007 - 2008 EAP Membership Directory was mailed out in August. Please contact Kelly Strother at (610) 825-1600, extension 14 or via email, kelly@eap.org if you have not received yours.

This forum for facility managers, electrical engineers, service providers, and chief financial officers will explore opportunities to save money and gain company recognition through the EPA's Energy Star Program.

12:00 p.m. to 2:00 p.m. (one seminar)

Topics: (1) Ground - The Missing Link in Power Quality Measurement and (2) Power Quality at the Plug

Presented By: Ideal Industries

Speaker: Brian Blanchette, Power Quality/Test & Measurement Specialist

CEUs: 0.2 (2 credit hours)

This intermediate to advanced level presentation consists of two one-hour sections. The first examines grounding and bonding in the typical commercial or industrial setting. The function of ground, equipment performance, safety issues, and the difference between the several valid viewpoints concerning grounding and bonding will be examined. The second presentation examines the difference between power quality on the load side of the meter, versus the standards applied to most monitors today. Learn how to test to reduce costs involving power quality and warranty expense.

3:30 p.m. to 5:30 p.m. (two seminars available):

Topic: Whole House Lighting Control and Home Automation

Presented By: Home Automation, Inc.

Speaker: Patrick Gilligan, Atlantic North Sales Manager

CEUs: 0.2 (2 credit hours)

In this seminar, for all experience levels, participants will learn how to design and sell whole house lighting control and home automation systems. Included will be a discussion of security, HVAC, audio and video distribution, and computer integration.

Topic: Arc Flash Hazard Reduction

Presented By: Ferraz Shawmut

Speaker: Peter Walsh, PE, Senior Field Engineer

CEUs: 0.2 (2 credit hours)

This seminar, for intermediate and advanced experience levels, will present an overview of NFPA 70E. It will explain selected OSHA, 70E, and IEEE-1584 requirements and standards relevant to arc-flash and fusible protection. Included will be a discussion of fuseology basics, protective equipment, and a real-world analysis of problems and solutions.

Best wishes to Debra Brennan

The Electrical Association of Philadelphia would like to say thank you and good luck to Debra Brennan of PECO. Over the years, Deb has played an integral role in the Heat Pump Rebate and GAMS programs. On June 8th she took a new position in PECO's Work Week Management Department.

Thank you for your years of dedication and assistance to The EAP. We wish you the best of luck in your new endeavor!

By: Michal Hofkin

*Middle Atlantic Inspections, Inc.
IECA, IAEI, EAP, NFPA*

This month's article will focus on Optional Standby Systems (Article 702 of the 2005 NEC).

With the advent of affordable generators for residential use, many of us are installing or inspecting standby systems for dwelling units. These installations usually involve an outdoor generator (portable or permanent), transfer equipment, and feeder or branch circuit connections.

In Section 702.3, we are given an important piece of information: The rest of the NEC applies to these projects unless modified by this Article. This is very important to keep in mind. That means that rules such as those for burial depths, conduit and box sizes, working clearance, and terminations are all in effect.

Section 702.6 provides the rules for transfer equipment. Transfer of power can occur through automatic or manual means, and must preclude the possibility that we might accidentally backfeed the normal source. There is an exception to this requirement for installations that are "under the supervision of qualified service personnel."

Permitted supplementary overcurrent protection within transfer equipment has a further requirement of having a withstand rating that is "sufficient for the available fault current that the generator can deliver." This requirement ensures that the installation will not "blow up" under fault conditions.

The signal requirements for these systems are given in Section 702.7. They mandate that signals be provided for derangement and load carrying. Portable sources do not require signals.

Optional Standby Systems

In Section 702.8 we arrive at, in my experience, the most often violated rules regarding optional standby systems. We are required to provide a sign at the service-entrance equipment that informs anyone approaching the installation of the type and location of optional standby equipment. This includes a notifying them about a portable generator with a proper transfer-panel hook-up.

The second sign that is required by this Section is placed at the point on the electrical system where the grounded conductor from the standby system is connected to a grounding electrode conductor. This can be in the main panel or the transfer equipment. By providing this information, we try to ensure that no one disconnects the grounding electrode conductor from the optional system in the mistaken belief that there is only a normal power source at the property.

Section 702.9 tells us that the optional standby system wiring can share conduits and boxes with the normal power wiring. Section 702.10 mandates that we must follow all of the grounding rules in Section 250.30 if our generator is a separately derived system (has a switched neutral in the transfer equipment) Lastly, we do not need an additional disconnect if the generator has one and it is located within sight of the structure being served (Section 702.11.)

The above is not a formal interpretation of the National Electrical Code.

About the author: Michal Hofkin is an electrical inspector and the Director of Certification & Training for Middle Atlantic Inspections, Inc. He is a Past President of the Benjamin Franklin Chapter of the IAEI and is currently the Chapter Secretary. Mr. Hofkin has been teaching NEC and electrical courses for over 15 years and is a seminar leader/instructor for several professional and educational organizations. Contact him at 215-679-5883.

Subscriber's Corner



Patricia Condron
*of the Administrators, Inc. assists
The EAP with its healthcare
insurance plans.*

Members of the Electrical Association of Philadelphia: Explore New, Money-Saving Options from Independence Blue Cross

*By The Administrators, Inc. –
EAP's Insurance Administrator*

Independence Blue Cross (IBC) has added new options to offer businesses more flexibility in customizing a benefits solution that both companies and their employees can better afford.

These new health options offer lower premiums with slightly higher out-of-pocket costs for subscribers.

The new prescription plans are designed to encourage the use of generic drugs through lower copays while providing more affordable premiums. (The No Pay Copay program is in effect only until December 31, 2007.)

Keystone Health Plan East is also now offering individual insurance options that can provide coverage for older children and dependents who would otherwise be ineligible.

Learn more about the different insurance benefits available through the Electrical Association of Philadelphia's health insurance administrator, The Administrators, Inc. Contact your account executive, Pat Condron, at 1-800-634-4428, or visit www.tai-pa.com.

Please note, if you are currently enrolled in an IBC plan through The Administrators, Inc., and the Electrical Association, the new plans will not be available until your annual January renewal. Your renewal rates will be mailed prior to the renewal date with these alternatives included.

If your benefits are not currently through The Administrators, Inc. and the Electrical Association, these options are available now.

Fall 2007 Contractor Section Calendar of Events

Bucks-Montgomery Contractors' Section

September – Golf Outing

Date: Monday, September 10
Location: Sandy Run Country Club
200 East Valley Green Road
Oreland, PA

October – No Meeting

November Meeting

Date: Thursday, November 8
Time: 6:30 p.m. - 9:00 p.m.
Location: Sandy Run Country Club
Sponsor: United Electric Supply
Topic: Energy Savings

December

EAP Membership Event

Date: Tuesday, December 4
Time: 4:00 p.m.
Symposium on the Regional Economy
5:00 p.m. - 7:00 p.m.
Holiday Party (Complimentary)
Location: The Electrical Assn. of Philadelphia
527 Plymouth Road, Suite H (408)
Plymouth Meeting, PA 19462-1641

Delaware County Contractors' Section

September – No Meeting

October Meeting

Date: Thursday, October 4
Time: 6:30 p.m. - 9:00 p.m.
Location: Pica's Restaurant
7803 West Chester Pike, Upper Darby, PA
Sponsor: Cooper Electric Supply
Topic: Structured Wiring and Networks -
Overview of Installation Techniques and Tools

November Meeting

Date: Thursday, November 1
Time: 6:30 p.m. - 9:30 p.m.
Location: Central Park Restaurant
650 Baltimore Pike, Springfield, PA
Sponsor: WESCO
Topic: Back-Up Electrical Systems

December

EAP Membership Event

Date: Tuesday, December 4
Time: 4:00 p.m.
Symposium on the Regional Economy
5:00 p.m. - 7:00 p.m.
Holiday Party (Complimentary)
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527 Plymouth Road, Suite H (408)
Plymouth Meeting, PA 19462-1641

FALL 2007 EDUCATIONAL OPPORTUNITIES

The Electrical Association of Philadelphia is an authorized provider of CEUs by the International Association of Continuing Education and Training (IACET) and by the Commonwealth of Pennsylvania which allows us to offer the necessary contin-

Basic Electricity

CEUs: 0.8 (8 hours)
Date: Friday, September 14, 2007
Cost: Member Rate - \$269
Non-Member Rate - \$369
Schedule: 7:30 a.m. - Registration
8:00 a.m. - 4:00 p.m. - Class (Lunch Provided)
Instructor: Ernie Davis

Grounding & Bonding

CEUs: 0.8 (8 hours)
Date: Friday, October 26, 2007
Cost: Member Rate - \$269
Non-Member Rate - \$369
Schedule: 7:30 a.m. - Registration
8:00 a.m. - 4:00 p.m. - Class (Lunch Provided)
Instructor: Rich Van Wert

uing education hours for the City of Philadelphia. IACET CEUs are accepted by a variety of organizations. Be sure to check with your institution to make sure they are accepted. All of the courses and seminars will be held at The EAP offices.

Hazard Recognition & Control Training

CEUs: 0.8 (8 hours)
Date: Friday, November 2, 2007
Cost: Member Rate - \$269
Non-Member Rate - \$369
Schedule: 7:30 a.m. - Registration
8:00 a.m. - 4:00 p.m. - Class (Lunch Provided)
Instructor: John Kaldon

NEC 2008 Course

CEUs: 0.8 (8 hours)
Date: Friday, November 9, 2007
Cost: Member Rate - \$269
Non-Member Rate - \$369
Schedule: 7:30 a.m. - Registration
8:00 a.m. - 4:00 p.m. - Class (Lunch Provided)
Instructor: Michal Hofkin

Please visit www.eap.org for course details and descriptions.

Welcome New Members!

9 New Members Join the EAP Ranks

Burriss Engineers, Inc.

Design and Consulting Engineer

Mr. James Burriss

180 S. Main Street, #203

Ambler, PA 19002

Phone: (215) 643-4465

Web: www.burrissengineers.com

*Special thanks to **Randy Roberts** of H. B. Miller Co./ Div. of H. B. Frazer Co. and **Jay Halferty** of United Inspection Agency for sponsoring Burriss Engineers, Inc.*

Compton Mechanical Service

HVAC Contractor

Mr. Paul Compton

707 Huntingdon Pike

Rockledge, PA 19046-4419

Phone: (215) 663-8690.

*Special thanks to **Ed Duff** of Carr & Duff, Inc. and **Brian Peirce** of Peirce-Phelps, Inc for sponsoring Compton Mechanical Service.*

Delaware County Community College

Education & Training

Mr. Thomas Wright

85 N. Malin Road

Broomall, PA 19008

Phone: (610) 723-3006

Web: www.dccu.edu

*Special thanks to **Chris Regan** of Omni Cable and **Bob Fitch** of Bureau Veritas for sponsoring Delaware County Community College.*

Expert Heating & A/C

HVAC Contractor

Mr. Wayne Faust

P. O. Box 43

Chadds Ford, PA 19317

Phone: (610) 721-0439

*Special thanks to **Mike Sullivan** of Bryant and **Tom Frank** of American Air Distributing for sponsoring Expert Heating & A/C.*

Gallelli Plumbing & Htg., Inc.

dba Gallelli Mechanical

HVAC Contractor

Mr. Michael Gallelli

1675 Bridgetown Pike

Langhorne, PA 19053

Phone: (215) 752-3106

*Special thanks to **Bob Tyrell** of American Air Distributing and Ken Burkhead of **Ken Burkhead Electric** for sponsoring Gallelli Plumbing & Htg., Inc.*

Kinetix

Fire Alarm Systems

Mr. Rocco Luginne

17 E. Front Street

Media, PA 19063

Phone: (610) 627-1600

Web: www.teamkinetix.com

*Special thanks to **Mark Titus** of City Electric Co. and **Sharon Horn-Rice** of Municipal Inspection Service for sponsoring Kinetix.*

B. J. Lewis Electric

Electrical Contractor

Mr. Bruce Lewis

1949 Durham Road

P. O. Box 954

Buckingham, PA 18912

Phone: (215) 794-5828

*Special thanks to **Glenn Frater** of Colonial Electric Supply and **Mark Funk** of Mark Funk Electric for sponsoring B. J. Lewis Electric.*

Scott A. Martin Services, Inc.

HVAC Contractor

Mr. Scott A. Martin

120 Grace Street

Mont Clare, PA 19453

Phone: (610) 933-4484

Web:

www.scottmartinservicesinc.com

*Special thanks to **Ed Seminario** of Lennox Industries and **Brian Peirce** of Peirce-Phelps, Inc for sponsoring Scott A. Martin Services, Inc.*

Sea Gull Lighting

Manufacturer

Mr. Clayton Childs

301 West Washington Street

Riverside, NJ 08075-0329

Phone: (610) 485-7347

Web: www.seagulllighting.com

*Special thanks to **Jim Belli** of Belli Electric and **Peter Bellwoar** of Colonial Electric Supply for sponsoring Sea Gull Lighting.*



Fall 2007 Rebate Programs Are Underway

Over 600 units were sold as part of the Spring 2007 program!
Congratulations to everyone who participated.

The Fall 2007 rebate program for heating and air conditioning has begun. The program runs from September through December, and offers customers rebates of up to \$800 for installing energy efficient central air conditioning or heat pumps. The rebate amounts vary de-

pending upon the energy efficiency of the unit installed, and are only valid for new or replacement units. New construction is not eligible.

For information on the Heat Pump Rebate program, please contact Kelly Strother at (610) 825-1600, extension 14, or via email at kelly@eap.org.

Thank You to Everyone Who Participated in the EAP Golf Outing

Thanks to all who participated in this year's annual EAP Golf Outing. This year's outing was held on June 11th at the Radnor Valley Country Club. In the afternoon the round was called due to rain, but that did not stop anyone from enjoying a day of networking and camaraderie.



Golf Committee members Rich Mento, Joe Henry, Mark Deese, and Jack Beiter.

During dinner a 50/50 raffle was held, with the proceeds benefiting the Educational Foundation. Maryann Hollis of Colonial Electric Supply won the top prize of \$250. Maryann generously donated her winnings back to the Educational Foundation in memory of Laraine Beiter.



Maryann Hollis and Jack Beiter

By the end of the day, over \$1,600 was raised for the Educational Foundation! We look forward to seeing everyone at next year's outing, on Monday, June 9, 2008.

With sincere appreciation, we thank the following companies for their sponsorships. Thanks for stepping up to the tee!

DINNER SPONSOR

Osram Sylvania

LUNCH SPONSOR

Thomas & Betts

GAZEBOS SPONSOR

Philips Lighting

BREAKFAST SPONSOR

TCP, Inc.

GOLF CART SPONSOR

Omni Cable

CONTEST HOLE SPONSORS

All Current Electrical Sales -
Closest to the Pin

Billows Electric Supply -
Longest Drive

Brazill Brothers -
Longest Drive

Colonial Electric Supply -
Closest to the Pin

Fox Electric Supply -
Closest to the Pin

Franklin Electric Co. -
Closest to the Pin & Straightest Drive

SINGLE HOLE SPONSORS

Air King

All Current Electrical Sales
(2 holes)

Jos. E. Biben Sales Corporation
Silas Bolef & Co.
Carr & Duff, Inc.

Cooper Electric (2 holes)

County Electric Supply

Cusick Electrical Sales

Graybar Electric Company

Houston Wire & Cable

Illuminations

Island Green Country Club

The Kerite Company

Matrix Service Industrial Contr.
(2 holes)

The Okonite Company (2 holes)
PECO Energy

Rumsey Electric Company (2 holes)

Source Lighting, Inc.

Staley Electric Supply

United Electric Supply

Vinokur-Pace Engineering Services

WESCO Distribution

Wescott Electric Company

Another Successful IES/Lamplighters Golf Outing!

The Illuminating Engineering Society and Lamplighters Emory Zimmers Memorial Golf Outing was held at Island Green Country Club on a bright, sunny day, June 5, 2007. Members and guests enjoyed a day of golf, followed by a delicious buffet dinner.

Neil Higgins won Low Gross with a score of 82. His name has been added to the Emory Zimmers memorial plaque which is displayed at The EAP offices. Other winners were Chris Rosefelder for Low

Net, Dick Brunner for Closest to the Pin, and Chris Rosefelder for Longest Drive.

Thanks to the prize donors, golf outing co-chairmen George Lyngarkos and Jack Graham, and the Committee members.

The next outing will be held June 5, 2008 at the Island Green Country Club. Mark your calendar now!



Stay Connected with the EAP! Calendar Highlights

September 2007

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

October 2007

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

November 2007

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

December 2007

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

September 2007

- 3 Labor Day - EAP Offices Closed
- 10 Bucks-Montgomery Contractors' Golf Outing, Sandy Run Country Club - 10:00 a.m.
- 14 Basic Electricity Course, EAP Offices - 7:30 a.m.
- 19 Educational Foundation Committee Meeting, EAP Offices - 12:00 p.m.
- 25 Executive Committee Meeting, EAP Offices - 10:30 a.m.
- 25 Board of Governors Meeting, EAP Offices - 12:00 noon

October 2007

- 4 Delaware County Contractors' Section Meeting - 6:30 p.m.
- 16-17 Electric Expo 07, Valley Forge Convention Center
- 26 Grounding & Bonding Course, EAP Offices - 7:30 a.m.

November 2007

- 1 Delaware County Contractors' Section Meeting - 6:30 p.m.
- 2 Hazard Recognition & Control Training Course, EAP Offices - 7:30 a.m.
- 8 Bucks-Montgomery Contractors' Section Meeting - 6:30 p.m.
- 9 NEC 2008 Course, EAP Offices - 7:30 a.m.
- 13 Executive Committee Meeting, EAP Offices - 10:30 a.m.
- 13 Board of Governors Meeting, EAP Offices - 12:00 noon
- 22-23 Thanksgiving - EAP Offices Closed

December 2007

- 4 Annual Meeting & Holiday Gathering
- 24-25 Winter Holiday - EAP Offices Closed

For a more extensive calendar listing, please see our website, www.eap.org. For more information regarding the meetings or courses listed, please contact (610) 825-1600, or email electric@eap.org.



EA Extra is published seasonally by

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