

# IAEI ACTIVITIES

## EASTERN SECTION

Connecticut  
 Delaware  
 District of Columbia  
 Maine  
 Maryland  
 Massachusetts  
 New Hampshire  
 New Jersey  
 New York  
 Pennsylvania  
 Rhode Island  
 Vermont



## CANADIAN SECTION

Alberta  
 British Columbia  
 Manitoba  
 New Brunswick/P.E.I.  
 Nova Scotia  
 Ontario  
 Quebec  
 Saskatchewan

## SOUTHWESTERN SECTION

Arizona  
 California  
 Hawaii  
 Mexico  
 Nevada  
 New Mexico



## NORTHWESTERN SECTION

Alaska  
 Idaho  
 Montana  
 Oregon  
 Utah  
 Washington

## WESTERN SECTION

Arkansas  
 Colorado  
 Illinois  
 Indiana  
 Iowa  
 Kansas  
 Kentucky  
 Michigan  
 Minnesota  
 Missouri  
 Nebraska  
 North Dakota  
 Ohio  
 South Dakota  
 West Virginia  
 Wisconsin  
 Wyoming

## SOUTHERN SECTION

Alabama  
 Florida  
 Georgia  
 Louisiana  
 Mississippi  
 North Carolina  
 Oklahoma  
 South Carolina  
 Tennessee  
 Texas  
 Virginia

## CHAPTERS AT LARGE

International  
 Japan  
 Korea  
 Saudi Arabia

2014 SECTION MEETINGS		
Southwestern	Aug. 24–28	Sparks/Reno, NV Nugget
Northwestern	Sept. 7–10	Anchorage, AK Captain Cook Hotel, Anchorage
Western	Sept. 21–24	Cleveland, OH Holiday Inn Cleveland South
Canadian	Sept. 26–28	Niagara-on-Lake, ON White Oaks Conference Resort & Spa
Eastern	Oct. 5–8	Annapolis, MD Westin
Southern	Oct. 12–15	Addison, TX Crowne Plaza

DATES AND LOCATIONS TO BE CONFIRMED

# Upcoming Events

## **JANUARY 17-18, 2014 — IDAHO CHAPTER**

Sixteen hours of 2014 NEC Code update class in Lewiston. See chapter website at [idahoeai.org](http://idahoeai.org) for information.

## **FEBRUARY 1, 2014 — IDAHO CHAPTER**

Eight hours of Soares Grounding in Lewiston. See chapter website at [idahoeai.org](http://idahoeai.org) for information.

## **FEBRUARY 19-21, 2014 — INDIANA CHAPTER**

Annual meeting will be held at the Best Western Hotel in Lafayette, IN.

## **MAY 14-16, 2014 — WISCONSIN CHAPTER**

Meeting will be held at the Holiday Inn in Manitowoc, Wisconsin.

# Regularly Scheduled Meetings

## **ALASKA CHAPTER**

Second Monday of even-numbered month with the February meeting being the Annual meeting. All meetings are held in the training room of the Development Services Building at 4700 Elmore Rd, Anchorage, AK. The meeting runs from 6 to 8 p.m. with two credit hours available for IAEE members. Meetings are open to all: \$20 registration fee for credit hours. Refreshments, usually pizza and sodas, will be available starting at 5:30 p.m.

## **BENJAMIN FRANKLIN CHAPTER**

Third Tuesday in the following months: January, February, March, April, May, September, October, and November.

## **CAPE AND ISLANDS CHAPTER**

Third Tuesday of each month September through May excluding December. Meetings are held at the Trowbridge Tavern and Canal Club located at 100 Trowbridge Rd Bourne, MA 02532. Meetings generally start at 7PM with other start times announced by chapter newsletter. If you wish to be included on the chapters monthly E-mail Newsletter please email Charles Palmieri at [cjp1268@yahoo.com](mailto:cjp1268@yahoo.com)

## **CENTRAL ARIZONA CHAPTER**

Central Arizona Chapter meetings are held the second Saturday of each odd month

## **CENTRAL PENNSYLVANIA CHAPTER**

Second Thursday of each month. The meeting begins at 6:00 p.m.

## **CHESAPEAKE CHAPTER**

First Monday of each month (except July and August).

## **CHESAPEAKE CHAPTER, DELMARVA DIVISION**

Golden Corral in Dover, DE. The meeting dates are the third Tuesday of the months of January, March, May, September, and November.

## **EASTERN WASHINGTON CHAPTER**

Meeting dates will be: February 5, May 14 (annual), August 13, and November 12 in Spokane.

## **FLORIDA CHAPTER, CENTRAL FLORIDA DIVISION**

Regular meetings are held on the second Wednesday of the even-numbered months: February, April, June, August, October, and December. The sponsored lunch is held from 12:00 – 1:00 p.m.; the meeting begins at 1:00 p.m.; the program begins at 1:30 p.m.

## **FLORIDA CHAPTER, GULF COAST DIVISION**

The meeting dates for 2013 are: May 8-11 – Cape Coral (Chapter Meeting); May 15 – Port Charlotte; June 26 – Port Charlotte with the BOAF; July 17 – Port Charlotte; August 21 – Port Charlotte; September 18 – Port Charlotte; October 16 – Port Charlotte; November 20 – Port Charlotte with the BOAF; and December 18 – Port Charlotte.

## **FLORIDA CHAPTER, MIAMI/DADE DIVISION**

Meetings are held at the Training and Methods Center on the fourth Thursday of the month, January through June and September, October.

## **FLORIDA CHAPTER, NORTH FLORIDA DIVISION**

First Wednesday of each month.

## **FLORIDA CHAPTER, PALM BEACH COUNTY DIVISION**

3 p.m. on the third Tuesday of January, March, May, July, September, and November in the 1st floor conference room of the Palm Beach County Planning Zoning & Building Department.

## **FLORIDA CHAPTER, PANHANDLE DIVISION**

Third Thursday of each month.

## **FLORIDA CHAPTER, SUNCOAST DIVISION**

Second Thursday of each month at 1:30 p.m. at the Largo Training Center on Highland Avenue.

## **FLORIDA CHAPTER, TREASURE COAST DIVISION**

Second Wednesday of the month, 4 p.m. at 121 SW Port St. Lucie Blvd, Building B in the training room.

## **GEORGE WASHINGTON CHAPTER**

Third Tuesday of every January, March, May, September, and November.

## **GRANITE STATE CHAPTER**

Third Thursday of every month except July, August, and December at 6 p.m.

## **GREEN MOUNTAIN CHAPTER**

The Green Mountain Chapter meets the third (3rd) Thursday of odd months, i.e. January, March, May, July, September and November. Chapter Meetings are at 5:00 p.m. and members are notified of location in advance.

## **HAWAII CHAPTER**

Bimonthly, the third Wednesday of each odd month.

## **ILLINOIS CHAPTER, CENTRAL ILLINOIS DIVISION**

Second Thursday of even-numbered months at 11:30 a.m.

## **ILLINOIS CHAPTER, CHICAGO DIVISION**

Third Tuesday of every month at 7:00 p.m.

## **ILLINOIS CHAPTER, NORTHEAST SUBURBAN DIVISION**

Second Wednesday of the month. Please call for locations, 847-459-2530.

## **ILLINOIS CHAPTER, NORTHERN ILLINOIS DIVISION**

Second Tuesday of each month (except June, July and August) at 6:30 p.m.

## **ILLINOIS CHAPTER, SOUTHERN ILLINOIS DIVISION**

4th Tuesday in the months of January, March, April, May, June, July, September, October and November

## **ILLINOIS CHAPTER, SUBURBAN DIVISION**

Third Wednesday of the month, September through May, Check-In 5:30 - 6:00 p.m., Meeting 6:00 – 9:00p.m. Lombard City Hall, 255 East Wilson Ave., Lombard, IL. Contact James Tente at (630) 514-8285 or Troy Perrin at (847) 904-4310.

## **ILLINOIS CHAPTER, SOUTH SUBURBAN DIVISION**

Third Thursday of each month at 7:00 p.m. at the IBEW Local 134 EJAII, 6201 West 11 5th Street, Worth, IL.

## **KEYSTONE CHAPTER**

Meetings will be held on the fourth Wednesdays of January, March, May and September and the third Wednesday of November at the Best Western East Mountain, in Wilkes-Barre, PA, at 6:00 p.m.

**LONG ISLAND CHAPTER**

First Wednesday of each month except July and August at 8:00 p.m., Keyspan Headquarters, 175 Old Country Road, Hicksville, NY

**LONG ISLAND CHAPTER, PECONIC DIVISION**

The division meets the second Tuesday of each month, except July and August.

**MISSOURI-KANSAS CHAPTER**

Regular Meetings are held at lunchtime, the second Thursday of March, June and September.

**NEW JERSEY CHAPTER**

Third Wednesday of February, April, June, and September. November's meeting is the second Wednesday.

**NEW MEXICO CHAPTER**

Second Thursday of every odd month at 6:30 p.m.

**NEW YORK CHAPTER**

First Monday of every month except June, July and August. If a holiday falls on the first Monday, then the meeting is held the following Monday. The meetings are held at the Con Edison Company of New York headquarters located at 4 Irving Place 19 Floor management cafeteria.

**NORTHEASTERN PENNSYLVANIA CHAPTER**

Third Wednesday of January, March, May, September, and November of each year at 6:30 p.m.

**NORTHERN CALIFORNIA CHAPTER**

Last Wednesday of each odd-numbered month.

**OHIO CHAPTER, AKRON DIVISION**

Fourth Tuesday of each month at 7 p.m.

**OHIO CHAPTER, CENTRAL OHIO DIVISION**

Second Thursday of the month at Westerville South High School located at 303 S, Otterbein Ave. Westerville, Ohio 43081 at from 6:00 p.m. till 8:00 p.m.

**OHIO CHAPTER, NORTHWEST DIVISION**

Second Tuesday of each month, 9 a.m. at the Toledo Electrical JATC 803 Lime City Rd., Rossford, OH 43460

**OHIO CHAPTER, SOUTHWEST DIVISION**

Second Wednesday of each month, 9:30 a.m.

**OHIO CHAPTER, WESTERN RESERVE DIVISION**

Second Tuesday of each month.

**PAUL REVERE CHAPTER**

All meetings are the third Wednesday of the month except January, July, and August. All meetings begin at 6:30 p.m. For more information and locations, go to <http://home.mindspring.com/~rrvenuti> and go to the Paul Revere Chapter web page.

**PINE TREE CHAPTER**

First Thursday of each month (excludes July and August).

**PUGET SOUND CHAPTER**

Meeting dates will be: Jan 8 (Seattle Area), April 9 (Everett Area), July 9 (Tacoma-Annual), and October 8 (Olympia area).

**ROCKY MOUNTAIN CHAPTER**

Third Friday of each month at 9:30 a.m.

**ROGER WILLIAMS CHAPTER**

Last Wednesday of each month at 6:00 p.m., except for July, August, and December. For complete information, visit [www.rwciaei.com](http://www.rwciaei.com).

**SABINE CHAPTER**

Regular meetings are the last Thursday of the following months: January, February, March, April, May, September, and October. The meetings are held at ENGlobal Engineering, Inc., in Beaumont, TX.

**SACRAMENTO VALLEY CHAPTER**

First Monday of every month. Go to chapter website at [www.sacramentoiaei.org](http://www.sacramentoiaei.org) for location and start times.

**SACRAMENTO VALLEY CHAPTER, YOSEMITE DIVISION**

First Tuesday of every month

**SOUTH JERSEY CHAPTER**

Second Tuesday of every other month starting in January.

**SOUTHEAST LOUISIANA CHAPTER**

Monthly, from September through May, and are normally the third Tuesday of each month.

**SOUTHERN ARIZONA CHAPTER**

Second Thursday of the month at 4 p.m.

**SOUTHERN CALIFORNIA CHAPTER**

Meetings 3rd Wednesday odd-numbered months, 9:30 a.m.

**SOUTHERN CALIFORNIA CH., BORDER COUNTY DIVISION**

The division meets at 1:00 p.m. on the second Tuesday of each month at Sizzler Restaurant, 3755 Murphy Canyon Rd., San Diego, CA 92123 (No meeting July and August). There is a no-host lunch at 12-noon.

**SOUTHERN CALIFORNIA CH., ORANGE EMPIRE DIVISION**

Meetings first Tuesday each month. Lunch 11:00 a.m, meeting 11:30 a.m. CEUs issued. Santa Ana Elks Lodge, 212 S. Elk Ln., Santa Ana, CA

**SOUTHERN NEVADA CHAPTER**

Last Tuesday of each month, except February and December, from 11:30 a.m. to 1 p.m. at the Desert Pines Golf Club, 3415 East Bonanza, Las Vegas.

**SOUTH TEXAS CHAPTER**

Fourth or last Wednesday of the month at 5 p.m.

**TENNESSEE CHAPTER, CHATTANOOGA DIVISION**

Second Tuesday of each odd-numbered month. Annual meeting is the second Tuesday in January.

**TEXAS CHAPTER**

Second Tuesday of every odd month at 7 p.m., January through July.

**TEXAS CHAPTER, EAST TEXAS DIVISION**

Second Monday of every month.

**TEXAS GULF COAST CHAPTER**

Second Wednesday of each month except June, July, August and December.

**UTAH CHAPTER**

Second Wednesday of each month (excluding July and August).

**UTAH CHAPTER, SOUTHERN UTAH DIVISION**

Second Tuesday of each month.

**WESTCHESTER CHAPTER**

The chapter meets nine times a year; it skips July, August and December. The meetings are held on the last Thursday of the month, except for November, which is the third Thursday. Meetings are held at the Doubletree Hotel, Route 9, in Tarrytown, New York. CEU classes will be held during January, February, April, May, September and October. General meetings and code issues will be slated for March, June and November.

**WESTERN MASSACHUSETTS CHAPTER**

Last Wednesday of the month, January through May, September, October and first Wednesday of December.

**WESTERN NEW YORK CHAPTER**

Held quarterly.

**WESTERN PENNSYLVANIA CHAPTER**

Third Thursday of each month except in June, July, August, and December.

**WYOMING CHAPTER**

The Wyoming Chapter only has an annual meeting. Our dates each year are the Friday and Saturday directly before Mothers Day.

Visit [IAEI.org](http://www.iaei.org) for the latest news and information regarding IAEI section meetings.

# Eastern Section

**George Washington Chapter**  
**Regular Meeting, September 17, 2013**  
**David Shapiro, Secretary/Treasurer**

The meeting started at roughly 5:40 P.M., with the treasurer's report and a few general-interest items. Secretary-Treasurer David Shapiro announced the content of our bank account, and noted that its contents and more will be spent very shortly, paying to bring him as our representative to the section meeting.

David then passed around an invention we received, with associated literature. The item is designed for pool bonding. Members examined it with some interest. They seemed most interested not in the invention itself but on a clip that appears intended to support and secure multiple cables, to serve as a "stacker clip."

Next, he reminded members of the invitation we had received from the local chapter of The Electrical Alliance, meaning NECA and the IBEW, to attend their upcoming show at the Convention Center. We passed around the material they had provided.

David then mentioned a request on behalf of the section for promotional gifts to be used as door prizes. No response.

Finally, he asked a number of questions regarding residential concealment inspection. Suppose a built-in bookcase will be occupying an entire wall. There is no interest in floor receptacles, so the installer wants to bring a cable or raceway forward through the bookcase in order to mount receptacles at the front of shelves. What should be in place for close-in inspection? We agreed, at least, that the bookcase itself—the portion of the permanent structure that will be used for mounting—should not be installed until concealment has been approved.

Another question concerned wiring mounted on the inside of exterior masonry walls. Where rigid insulation will be installed over the wiring, and then the device boxes over the insulation, should the insulation be in place for rough-in, so that the boxes can be examined here they will be mounted, or should the insulation be installed afterwards, so that the cables can be fully examined at rough-in? Johnny Hoff noted that he's been required to install plywood between outside masonry walls and metallic wiring methods. The consensus was that, in general, insulation should not be installed until after close-in is approved.

One final question concerned the appropriate response to callers seeking referral to a third-party Inspector. Chapter President Robert Welborne suggested that David bring this policy question to the section. He will ask the Eastern Section Executive Board for their thoughts.

At about 6 P.M., Robert took over. Supported by Charles Johnson, he explained some important changes in Maryland

licensing and administrative law. While cities and counties will continue to issue electrical permits and perform electrical inspections, licensing and Code adoption will be in the hands of the state. This means no local amendments! Master and journeyman electricians will be required to assert that they have completed ten hours of continuing education each time they renew their licenses, and five of these hours must be in-classroom hours, as opposed to online or televised instruction. These claims will be spot-checked. Individuals and organizations offering this instruction must apply for approval and be state-certified. (Robert has arranged for IAEI and our chapter to be recognized as providers.)

Cities and counties that have electrical boards will still be responsible for initiating disciplinary action against licensees accused of improper behavior, but the boards' findings will be forwarded to the state for action. Licenses will be required of master electricians, journeymen, apprentices, and possibly even helpers. Another item still on the table but not concluded is whether limited masters will be allowed to continue, or whether they will be required to earn full masters licensure. Finally, and perhaps in some cases problematically, they're considering a requirement that all electrical inspectors hold master electrician licenses.

Any number of local facilities have their own substations. Members noted that National Harbor, Johns Hopkins and USDA are some familiar names. Prince George's College does not, but they do own all the high voltage equipment—13.2 kV transformers, switchgear and more.

This is not the place to work up the equations and calculations that were delivered at a fearsome pace, but here's a taste of what Robert covered. He started by defining complex power, or apparent power, as real power plus reactive (or imaginary) power. He defined the three types of faults, and the sequences, phase relationships between voltage and current, associated with them.

From this he moved to the problem of a generator feeding one inductive motor and one synchronous, with different power factors. One was leading, the other lagging. What was the resultant power factor, and what size capacitor was needed to bring the new power factor up to spec?

After this, he went over installation of a capacitor on the line side, by the utility, which could have a much smaller rating.

Finally, in response to a request, he calculated the load that would be observed at your facility's transformer as the effect of a fault 20 miles up the line. What kind of ampacity would be needed as the result of this, at the transmission voltage?

**Attendance.** We had two inspectors members and five associates. At the end of the meeting, we invited Kenny Green, a relative new member, to introduce himself. He made it despite having been notified of the meeting only by a telephone message David left him the night before.

**Regular Meeting, November 18, 2013**

This is the report of the IAEI George Washington Chapter for the meeting on November 18, 2013. The meeting had four as-

sociate members, three inspector members, and two visitors, plus our speaker. As usual, we enjoyed the generous hospitality of Ken Cain, vice president of Capital-Tristate Lighting and Supply in Upper Marlboro/Forestville, Maryland.

**Business Session.** As promised, out of respect for our speaker, we called the meeting to order promptly at 5:30 P.M.

First we had a quick run through of chapter matters plus other news and information. Secretary-Treasurer David Shapiro gave the treasurer's report: we continue solvent, thanks to the International Office's Dues Disbursement. Membership Officer Karl Mirpanah had no news for us. Both reports were accepted without demur.

David then passed around a number of items in his role as secretary. From IAEI's Eastern Section meeting, he brought ULs statistical report of types of nonconformity their inspectors found all around the country throughout 2012 and into 2013, "Field Evaluation Deficiency Statistics." Requiring that unlabeled equipment have a field inspection definitely can make a difference. From the American Council on Electrical Safety he brought a multi-page, specifically detailed report from OSHA, "Draft Update to the NRTL Program Directive," of their new plan to supervise nationally recognized testing laboratories and make sure they are equipped and prepared to base equipment listing on adequate testing.

The last item he circulated is a one-page description of the Coalition for Current Safety Codes. It encourages jurisdictions to adopt the latest version of each safety code when it is released. This is in contradistinction to, for example, the movement to adopt the *NEC* on a six-year cycle. David is about to join the group. He asked for, and freely received, the chapter's permission to enlist in the Coalition as George Washington chapter member. Other chapter members are equally welcome to join the Coalition and attend their meetings: <info@coalition4safety.org >.

The secretary's report was accepted without a whiff of challenge. We then went around with very quick personal introductions, and were able to start the program right on time at 6 P.M. and went nonstop till a good bit after 8:30 P.M. Our speaker was stalwart, and so were the majority of attendees. Some came for his presentation, like former chapter president Wayne Robinson, hadn't been to our chapter meeting in a year or more.

**Program.** We were very fortunate to be able to host Michael Johnston as the evening's speaker. Mike is chair of the *NEC* Technical Correlating Committee, NECA executive director for codes and safety, former codes and standards director for IAEI, and a charming speaker. He had agreed to spend some time on interesting 2014 *NEC* changes, and some on our questions. My word but we got going on the updates, with questions and comments and dialogue. Interspersed among the explanations of rule changes, Mike shared with us some of the process, the changing process, of the work of the code-making panels.

We started with a good bit of focus on Article 100. Switchgear has been renamed with "Metal-Enclosed" removed, and "Switchgear" has been added to Article 408, heretofore "Switchboards

and Panelboards." Every recent cycle, Mike pointed out, has changed a definition—bathroom, kitchen, now premises wiring-system. In this case, the only change is an Informational Note (in parts of George Washington Chapter territory, Informational Notes are still FPNs). Another quick mention was a new definition, *Retrofit Kit*. His example is a kit listed—not classified for compatibility with an individual product or products but Listed—for converting a linear fluorescent to an LED luminaire.

Moving on to Article 110, he talked very briefly about field-applied warning labels and about equipment disconnects equipped permanently for the use of field-applied locks.

As we continued with the details of individual *Code* changes, not all of them based on injury statistics, David asked, "What happened to body counts as the basis for accepting proposals?" Mike explained that reader-friendliness and reducing confusion are now recognized as valid reasons to tweak the *Code*. These are important enough for a Usability Task Force to have been in place for several *Code* cycles. Currently, the chair of that task force is the alternate to Mike as Chair of the *NEC* Technical Correlating Committee.

The 2017 cycle will follow a considerably modified change procedure. We have become used to seeing proposals sent in with substantiation by members of the public, and accepted or rejected. Some also are initiated by code-making panels, and very possibly most are "Accepted in Principle", ". . . in Part," or ". . . in Principle in Part" by the panels. We then see the panels' responses to our comments, including dissenting opinions. The result of this process becomes the next edition of the *NEC*, subject to confirmation—and occasional modification—at the NFPA's annual meeting.

Henceforth, the ideas that we send in, the public input, will stay behind the scene, as raw material from which the panels themselves will propose all changes. The latter is all the Technical Correlating Committee will see. We did not go into how the substantiations will be presented or whether we will be shown dissenting panel members' votes and views. (Instead of a "Report On Proposals," the next document published will be called the "First Draft.")

David Shapiro gave a useful link he learned about at the Eastern Section meeting: if you're interested in submitting material for the 2017 *Code*, or tracking its development, go to [www.nfpa.org/70next](http://www.nfpa.org/70next).

At about this point, the discussion went to roof raceways, and the generalization of rules about derating conductors in round raceways to all raceways. Wayne brought up the suggestion (perhaps sardonically), "Why not just require XHHW-2 on roofs?" Mike told him and us to stay tuned for the next *Code* cycle.

Mike's a pleasant story-teller. We drifted over at this point to the issue of when oh when the 2014 *NEC* will be adopted locally, or universally, throughout Maryland. Michael talked about a call received from West Virginia as he was preparing to take on 2005 *Code* xchange material for IAEI. His team had just finished with the 2002. West Virginia wanted IAEI to send him out to present

a workshop on the 1993 *NEC*. Fortunately, IAEE had just transitioned from 35 mm slides to PowerPoint when they prepared the 1993 illustrations, so he was equipped with a visual aid.

Getting back to the 2014, Michael noted that, where flexible metal conduit or flexible liquidtight metal conduit is required for flexibility, there are fittings that are listed for support where used appropriately.

Continuing with the inside view, we learned that the DC Task Group is preparing an article addressing micro-grids—DC or AC. This may appear in the 2017. Surge protection will be required.

Now we moved on to portable generators. If a generator takes a 120/240V locking plug, when such a plug is attached the generator must automatically disable any 120 V receptacles on the generator that are not GFCI-protected. The 120/240 V plug is used to serve the whole house, so to speak, and it is bonded to the frame. So far as those present know, Generac equipment does not offer any designs that do not bond both neutral and ground to frame.

We learned that neither Wayne nor Michael like the idea that one wire can be used as the bonding grid around a pool deck. Next, he mentioned that the reason we use an insulated green grounding conductor is to limit its corrosion.

So far, we've learned of the Usability Task Force and the DC Task Group. There's also a New Technology Task Group. Its first co-chair happens to be the UL representative. And there's likely to be a Task Group concerned with residential boat docks. Stray voltage is a concern, and there's no rule presently addressing residential docks.

Moving along to proposals that did not make it, a change to the 210.52(A)(1) requirement regarding dwelling unit receptacle outlet spacing came surprisingly close to acceptance. It would have shrunken the maximum wall distance to any receptacle down to three feet!

Rick Panizari brought up the final item of the evening. *NEC* 225.39 concerns the rating of a dwelling disconnect. What if a building contains minimal efficiency apartments, not served by separate meters, but with their own panelboards? What's the minimum size for the feeder breakers? Michael responded that you need to calculate the load.

Michael went two-and-a-half hours plus. He would have kept going longer for us, but our very patient host Ken Cain came in at this point and explained that the cleaning crew needed to get in!

It was quite an evening.

## ***New Jersey Chapter Skyland Division***

**Regular Meeting, September 12, 2013**

**Greg Chontow, Secretary**

President Bob Rutan opened the meeting at 6:10 P.M., with the flag salute and a moment of silence for our men and women overseas. The treasurer's report and minutes were then approved as read.

The 2014 *Analysis of Changes* books have arrived and the division is offering them for \$65 each or two or more for \$60.

President Rutan then brought up a discrepancy between Code Assistance and a number of local inspectors. DCA states that the installation of a generator does not trigger the requirement for grounding, i.e. two ground rods etc. Secretary Greg Chontow clarified that the comment from DCA was a whole house generator and their contention was that the scope of work was a generator (not service). He then proceeded to state the opposing argument that the scope of work was a generator and a service rated transfer switch. This installation was a new building element as defined in the rehab code, and under NJAC 5:23 6.8(d)(3), Materials and Methods; *NEC* Article 250 is not exempted.

There was a heated discussion about the states lack of foresight and agreed that the relocation of the main, and the required separation of the grounds and neutrals in the existing panel requires a grounding system compliant to the present code. President Rutan then asked if there were any questions or concerns from the membership.

A question was brought up about the requirements for CSST bonding, specifically the location of the grounding electrode conductor to the gas pipe. Greg Chontow stated that there is nothing in the International Mechanical Code or International Residential Code as to a specific distance from the meter, however the commentary shows a connection right at the load side of the meter on the exterior of the building, therefore it is safe to say that the connection should be as close to the meter as practical. Another member brought up the question as to whether it was acceptable to issue an approval sticker and request changes. There was some discussion about that and a number of inspectors agreed that that is not uncommon although not officially acceptable.

As all questions were asked, and answered, President Rutan introduced Ken Rusnack, field specialist from UL. Ken Proceeded to explain the items to look for when inspecting a sign. The first and foremost is whether the sign has a listing. He explained some of the ways to identify a counterfeit label. Additionally it should have a label identifying the electrical ratings. Another thing to look for is whether it is suitable for the environment it is installed in. Ken concluded his presentation with a round of applause.

With that, President Rutan closed the meeting with thirty-nine in attendance.

## ***New York Chapter***

**Regular Meeting, November 4, 2013**

**Luke Monaghan, Secretary**

President John Cangemi opened the meeting and John Kenny led the forty-five members in attendance in the Pledge of Allegiance. John Cangemi asked the membership to remain standing for "a moment of silent prayer" for all war veterans that fought

for American liberty. John recognized members for outstanding years of service to IAEI loyal membership. Frank Colluccio, John Kenny and Joseph Zec all were presented a certificate for forty-five years of service. A rousing applause by the active members for the group was made.

Mr. Cangemi asked if the minutes of our last meeting are accepted as written in our newsletter – motion made by Luke Monaghan to accept the minutes as written and seconded by John Kenny. It was noted that the newsletter will be released a week before the next meeting it will be a quick turnaround due to the Thanksgiving holiday weekend then our Monday night meeting on December 2, 2013.

The nominations for the executive officers for year 2014 were brought to the floor, the same candidates were mentioned to repeat at their positions. Our president requested the active membership please send in their names and volunteer to be an executive officer. It is only right and fair that we have change in the organizations. The board works hard and needs fresh ideas from new people to continue to stay on top of the industry we supply electric to power systems.

Finally, a presentation by Mr. Brown, a Field Application Engineer with Eaton's Bussmann Business Unit on the current NEC definition of *Selective Coordination*, technical discussion of application, local code adoption, enforcement of local code and 2014 NEC changes and national changes not to be enforced by New York City Building Board.

Roundtable discussion at the end of the presentation, the meeting ended at 8:10 P.M.

### ***Northeastern Pennsylvania Chapter***

#### **Regular Meeting, September 18, 2013**

##### **Ron Kapo, Secretary**

The regular meeting of the Northeastern Pennsylvania Chapter of IAEI was held on September 18, 2013. The following executive committee members attended: John Brezan, Carol Brezan, David Shields, and Ron Kapo.

The business meeting was opened at 6:48 P.M. by John Brezan. The minutes and the treasurer's report were approved as mailed.

Ron Kapo read a July 2, 2013, letter from Chuck Mello and David Clements thanking the chapter for their recent gift of \$708.00 to the IAEI Capital Improvement Campaign.

Ron also read a September 11, 2013, letter from Kenneth Miller resigning from the position of education and membership chairman.

**New Business.** John Brezan appointed a nominating committee consisting of John R. Lezoche, Butch Krenos, and Rich Oscavich for the nomination of 2014 chapter officers. Dale Sensenig made a motion that IAEI members who attend four consecutive regular chapter meetings may attend the fifth meeting free of charge. Jack Schreiber seconded the motion and the motion passed.

John Brezan read the decision of the chapter board regard-

ing the reimbursement of up to six chapter IAEI members who attend the annual IAEI Section Meeting. Complete details and instructions for applying will be announced at the chapters' November 2, 2013 code workshop. A drawing will be held at the chapters' March 2014 code workshop to determine who will be reimbursed of those that applied.

**Program and Good of the Chapter.** Bob Trate, Biden Sales, gave a presentation on self-powered wireless controlled systems.

The meeting adjourned at 8:43 P.M.

#### **Regular Meeting, November 20, 2013**

The business meeting was opened at 6:45 P.M. by John Brezan.

Ron Kapo sent a copy of the minutes from the September 18, 2013, meeting as an attachment to the announcement for this meeting. Ken Miller made a motion to accept the minutes; Butch Krenos seconded the motion.

Ron Kapo read an October 18, 2013, letter from Debbie Wills informing the chapter that the chapters' request for awarding continuing education units has been approved for the chapters' annual code workshop on November 2, 2013.

Ron also read a November 16, 2013, letter he sent to Gene Biben thanking Biben Sales Corporation and, in particular, Bob Trate, for the many presentations Bob gave to chapter members in the past months.

John Brezan reported on a September 30, 2013, email received from IAEI International Office thanking the chapter for the contribution the chapter made toward the "Capital Campaign Fund" in the amount of \$10,000.

**New Business.** Rick Oscavich, speaking for the nominating committee, nominated the following persons for the 2014 chapter officers: President Carl Faust; First Vice-President David Shields; Second Vice-President John E. Brezan; Secretary Ronald A. Kapo; Treasurer Carol Brezan; Representative to the Eastern Section John E. Brezan; Education Chairperson Dale Sensenig; and Education Co-Chairperson Jack Schreiber.

As Secretary, Ron Kapo cast a vote in favor of the nominations.

**Program and Good of the Chapter.** The program was a question and answer session with electrical contractors, electrical inspectors, and electrical construction students from the Bethlehem Area Vocational-Technical School.

The meeting adjourned at 8:30 pm.

### ***South Jersey Chapter***

#### **Regular Meeting, September 12, 2013**

##### **Larry Logan, Secretary**

President Simpson called the meeting to order at 6 P.M. with a salute to the flag and a moment of silence for those that have gone before us, as well as those serving in harm's way. A special remembrance was mentioned for the anniversary of 9-11.

The president requested and received approval of the minutes for July.

Bob McCullough, treasurer, reported that the chapter balance was still in good shape and that we had purchased 220 IAEI *Analysis of Changes, NEC-2014* books. He asked those present to help in the sale of the books, as this is one of our prime fund raisers.

President Simpson then asked for the nominating committee report. Charlie Auge then read into the record the nominees for 2014 recommended by the committee made up of James Jarvis, Martin Wood, and himself.

The secretary stated that the committee report had been submitted in accordance with the bylaws, and that unless a new slate of nominee was received by him prior to the commencement of the next meeting, he would make a motion for a single vote for the election of all officers.

President Simpson then introduced our presentation for the evening by Kenneth Rusnak, UL field specialist II, and product safety. Ken stated his code update on Article 600, Signs, by telling us about the problem with counterfeit labels on signs. He stated that we can always use the UL on line certification database to look up a company by name or UL file number, (E number).

Ken pointed out that Section 600.4 requires that the signs have an electrical rating name plate on the sign, the date of manufacture, (month and year), and whether the sign is listed for wet or dry locations. All wet location signs should have drain holes as required by 600.9(D), so as to allow condensation to drain, and should be at any low point in a sign or in both bottom legs of a sign sectioned like the letter "A." Ken also said that signs would have different issue numbers for multiple signs or sections, and that 600.4(E) requires section signs shall be marked to indicate that field-wiring and installation instructions are required. Ken stated that all the aforementioned labels need not be located on the sign exterior, but must be visible during servicing. Inspectors should require a rough inspection of all signs as a condition of the permit, to verify the labels and electrical requirements prior to the sign(s) being installed. All signs other than portable signs shall be grounded in accordance with 250.122 and connections in accordance with 250.130 using a grounding conductor in accordance with 250.118.

Ken then explained the security cuts in UL labels as well as the fact that they have rounded corners. If you run into a label that has square corners or has clear tape over the label it should be questioned because this is *not* required for legitimate labels.

President Simpson then adjourned the meeting at 7:45 P.M.

### ***Western Pennsylvania Chapter Regular Meeting, September 19, 2013 Tom O'Mara, Secretary***

Tom O'Mara called the meeting to order at 7:35 P.M. with thirty-nine members present. The meeting opened with the Pledge of Allegiance, a moment of silence for those serving in the

military.

Joe Fello read the minutes of the May 16, 2013, meeting. No corrections or additions were presented and the minutes stood as read.

**Public Relations.** Tom reported that listing of tonight's membership meeting was sent to Comcast, the Beaver County Times, the Butler Eagle, the Post-Gazette and the Tribune Review.

**Membership.** Tom reported 197 in good standing, no new members and 42 in suspension, with a total of 239.

**Program.** Tom introduced the evening's sponsor, Dave Paolicelli of Paolicelli & Associates, and Dave Torcasi of ERICO/Caddy Fasteners. Their presentation was an in depth discussion of code required fasteners and the respective *NEC* reference.

**Education.** David Platt's code slide presentation covered topics such as: 230.54(G), 300.4(E), 230.54(C), 230.51(A), 230.90(B), 300.5(J), 352.30, 110.26, 250.142(B), 680.22(A), and 680.41.

Cash and several prizes donated by Klein Tools and Eaton Corporation were given as the night's drawing.

The meeting adjourned at 9:30 P.M. A light meal and refreshments were served courtesy of the sponsor.

### **Regular Meeting, October 17, 2013**

Tom O'Mara called the meeting to order at 7:35 P.M. with forty-nine members present. The meeting opened with the Pledge of Allegiance, a moment of silence for those serving in the military.

Joe Fello read the minutes of the September 19, 2013, meeting. No corrections or additions were presented and the minutes stood as read.

**Public Relations.** Mario Sciulli reported that listing of tonight's membership meeting was sent to Comcast, the Beaver County Times, the Butler Eagle, the Post-Gazette and the Tribune Review.

**Membership.** Tom reported 198 in good standing, no new members and 42 in suspension, with a total of 240.

**Program & Education.** Tom introduced the evening's speaker, John Cangemi of UL. John's presentation was a study of: *old* wiring and equipment and the effects of age and/or abuse; residential electrical code changes; resultant product standard changes; Section 110.3; and an introduction to the UL White Book.

Cash and several prizes donated by Klein Tools and Eaton Corp. were given as the night's drawing.

The meeting adjourned at 10:00 P.M. A light meal and refreshments were served courtesy of our chapter.



# Southern Section

## Florida Chapter

### Treasure Coast Division

Regular Meeting, Sept. 11, 2013

Vince Della Croce, Secretary

President Terry Bruton called the meeting to order at 4:10 P.M. All in attendance introduced themselves.

Secretary Vince Della Croce took a roll call of officers and the minutes from the August meeting were accepted as previously emailed. A moment of silence was held in memory of the tragedies of September 11th and the recent passing of Mike Reynolds, building inspector for the city of Port St. Lucie.

Treasurer Lou Hatten reported the Division was solvent and all bills were paid.

**Martin County.** Scott Bruhn reported the county was averaging 1000 total permits issued per month with thirty-nine of those being for single family residences.

**City of Port St. Lucie.** Bryant Harrison reported 1600 total permits issued in August; 75 of those being single family residences. Projects under construction include the expansion of the St. Lucie Medical Center emergency department, an expansion of the Emerald Health facility, and a Racetrac gas station.

**St. Lucie County.** Walt Pride reported an overall fifteen percent increase in permit activity.

**2015 Chapter meeting.** John Pankraz reported that discussions and negotiations with Club Med were still ongoing. He along with Lou Hatten, Scott Bruhn, Vince Della Croce, and Frank Lombardozi would be meeting again on September 25th to attempt to finalize a contract.

Doug Harvey instructed a two-hour continuing education class that focused on Article 230 Services and Article 250 Grounding and Bonding.

Meeting adjourned at 6:20 P.M.

### Regular Meeting, November 13, 2013

Vice President Scott Bruhn called the meeting to order at 4:10 P.M. All in attendance introduced themselves. Secretary Vince Della Croce took a roll call of officers.

Treasurer Lou Hatten reported the Division was solvent and all bills were paid. The recent continuing education seminar was a success with thirty-two attendees and the division making a small profit.

**Martin County.** Scott Bruhn reported the county issued approximately 10,000 permits for the past fiscal year, of which 387 were single-family homes. A new Chase bank and a thirty-eight bed hospital were being completed. The county has plans to hire

a building inspector. Those interested can apply on the website.

**City of Port St. Lucie.** Lou Hatten reported 1291 permits issued in October; 47 of those for single-family homes. The Tradition Hospital and Mann Research Center both had received temporary CO's.

**St. Lucie County.** Walt Pride reported a slow month with a new Love's truck stop as the only notable job.

**City of West Palm.** Doug Harvey reported the city was extremely busy. They are looking for an electrical inspector/plans examiner. Three new hotels were being planned, four large developments had submitted plans to the Planning and Zoning Department, and the outlet mall construction is continuing.

**2015 Chapter meeting.** John Pankraz reported that the payment schedule Club Med submitted seemed unattainable and that negotiations with the Marriott were to be restarted.

Scott Bruhn read the nominating committee's recommendations for 2014 officers and board of directors. They are: President Doug Harvey; Vice President Walt Pride; Treasurer Lou Hatten; Secretary Vince Della Croce; and board of director — John Pankraz, Dave Birth, Frank Lombardozi, Joe Ferreira and Ed June

**Guest speaker.** Jack Joyner from Metra and Associates was introduced. Jack displayed and spoke about the extensive product line that Arlington Products offers.

There was a brief discussion concerning carnival rides and their regulation.

Meeting adjourned at 6:45 P.M.

## N.C. Ellis Cannady Chapter

Annual Meeting, November 3, 2013

Wes Ray, Secretary

The meeting was called to order by President John West. Attending board members included: Wes Ray, Curtis Kennedy, Mark Griffin, Robbie Brooks, Mitchell Bryant, James Steele, Greg Smith, Al Parris, James Shivar, Ron Chilton, John West, Mickey Shuskey, Warren Bullock, Jim Carpenter, Mike Whitt, Pat Rose, Cory Tate, and Michael Caudle. The invocation was given by Curtis Kennedy, chaplain.

**President's comments.** John West expressed thanks to all the board members and committees for all the hard work. In particular legislative for keeping abreast of the changes at the Building Code Council, membership with the new chair, education, and how all the committees are working together so well.

The minutes and the treasurer's report were reviewed and approved.

Jimmy Shivar reported there are no current bylaw issues before the committee. The committee has not taken any recent action.

Al Parris discussed activities of the Education Committee. The committee has scheduled five fall/winter workshops and three spring workshops. Course content for the fall/winter will be on 2014 *Analysis of Changes to the NEC*. Committee will review later whether to continue the same course content for the

Spring.

Al also reported no activity on the “I am Safety Smart” program.

Pat Rose presented the membership committee report. The committee held three meetings in the past year and will continue with the current structure of three regional subcommittees and the goal of at least one inspector member from each of the 220 jurisdictions. The committee is also looking to continue to work with the education committee in offering incentives for membership along with continuing education.

Pat discussed the issue of a chapter/website blog. It was discussed that the International Office offers chapter blog services now on their website. This would offer the chapter a supported blog service along with meeting the desires of the IO to maintain a uniform structure and appearance. Some concerns were discussed about items appearing on the blog that may be viewed as an interpretation by the chapter. The board majority believed the blog could be helpful as a platform for members to discuss issues and seek information. The board voted in favor of a short communication be issued to the membership through the chapter newsletter informing them of the availability of the IAEI International chapter blog and how it can be accessed.

Greg Smith presented the public relations and publicity committee report. There was a discussion about the chapter website and how to support it in the future. It was discussed that the International Office offers chapter site support. Greg will look into that as an option versus the chapter purchasing new software or third-party support. The committee continues to provide the chapter newsletters and also updated through the COCO News. Other work continues with IAEI magazine updates and promotional items at every chapter event. Current goals are for planning for the 2014 North Carolina Electrical Institute and communication strategies for the upcoming workshops and 2014 chapter/industry meetings.

Mickey Shuskey gave the electric fire and accident committee report going over the accident report from the North Carolina Department of Insurance for 2012.

Ron Chilton stated that there had been no recent action by the code clearing and code-ship committee. Ron discussed there has been no decisions on how code change proposals will be handled through the IAEI International with the new NFPA process.

**North Carolina Electrical Institute Report.** Robbie Brooks gave a brief update on the upcoming 2014 Institute. The dates are Tuesday–Wednesday April 8–9, 2014, at the North Raleigh Hilton. The board meeting will be 5:15 P.M. on Tuesday.

**Nominating Committee.** Jimmy Shivar gave the nominating committee report as follows: officers —President Cory Tate; First Vice President Chris Faucette; Second Vice President Warren Bullock; Secretary Wes Ray; and Treasurer Mitchell Bryant; board of directors — Past President John West, inspectors Michael Caudle and Pat Rose, and associates James Steele, Larry Watkins, and Mike Whitt; and Chaplain Curtis Kennedy. Rep-

resentatives to the Southern Section board include inspectors Chris Faucette and Mark Griffin and associates Julian Burns and Wes Ray. Section and International board officers include Mitchell Bryant and Chris Faucette. Mitchell Bryant was appointed to lead the awards committee.

**Legislative Committee.** Dennis Bordeaux presented the committee report. The committee has been active in following the activities involving the code revision cycle. The BCC has not begun any activities in adopting the 2014 NEC. Also the BCC is considering a motion to extend the code revision cycle to six years for the building, energy, fire, electrical, fuel gas, plumbing, and mechanical codes with a public hearing scheduled for December 10, 2013.

**Henry Jenkins Scholarship Fund.** Mitchell had the prepared articles of incorporation and asked members of the board sign the documents. He planned to then file them with the North Carolina Secretary of State.

Having no other business before the board, President John West adjourned the meeting.

### *Tennessee Chapter Chattanooga Division*

**Regular Meeting, September 12, 2013**

**Amos Lowrance, Secretary**

The regular meeting of the Chattanooga Division was called to order at 11:30 A.M. with prayer from President Charlie Young.

Lunch was fried chicken, baked beans, cole slaw, bread, and sweet tea from Champy’s, and the chicken was paid for by FWL Enterprises.

After lunch, Mr. Young presented an excellent program on split units, and the problems we are seeing with them. Among the problems listed were: no disconnect at the inside unit, type TC cable used without raceway and insufficient overcurrent protection on the conductors to the inside units.

A lively question and answer session followed his presentation. There was a total of five jurisdictions represented from two states for a total of thirty-nine members and guest present.

The meeting was closed after everyone was invited back to our next meeting on November 14, 2013, where there will be a presentation on 3 M products and Fiberglass conduit.

**Regular Meeting, November 14, 2013**

The regular meeting of the Chattanooga Division was called to order at 11:30 A.M.

Food from Porkers BBQ was paid for by Nabco Electric Company. We had slaw, baked beans, tater salad, bbq pork and chicken with pudding for desert.

There were a total of thirty-four inspectors and guest present representing three jurisdictions and two states.

President Charlie Young presented a program on common turn downs by the city inspection department. Items discussed

included: HVAC units not having their auxiliary heat marked; floor receptacle boxes not being listed; box extensions on recessed boxes set back more than ¼ inch; improperly sized conductors for HVAC units; gas lines not bonded; health care facility wiring methods; conduit fittings not being wrench tight; improper use of cords; grounded conductors at switch locations; and no arc flash labels.

Questions came from the floor pertaining EPB meter procedures. These questions were handled by Allan Roderic of the EPB. He also promised a further discussion of procedures at a later date.

No further business was on hand so the meeting was adjourned at 12:55 P.M.

## Western Section

### **Illinois Chapter**

#### **Northeastern Illinois Division**

**Regular Meeting, September 18, 2013**

**Giuseppe Muzzupappa, Correspondent**

A call to order was made at 6:00 P.M. for the very first meeting of the season by President James Tente. Jim began the meeting reviewing the list of board officials and volunteer committee members, pointing out that the vice president and secretary/treasurer positions will be vacant. He encouraged members to become more involved in the association by filling those open positions.

Jim explained that the board met over the summer to discuss an agenda for the year and brainstormed educational seminar topics. In November, the group will have a seminar on either arc fault or transfer switches, followed by swimming pools in December. This division will not meet in January due to the state chapter meeting and in February and beyond – topics are yet to be determined. Jim mentioned that Michael Johnston from National Electrical Contractors Association will be available to present an update on the *NEC Significant Changes* in either April or May of 2014.

Jim continued the meeting with a brief code and answer session and shared real-life site photos of installation faults. He then introduced the guest speaker for the evening, Mr. Chris Zupon. Chris is a member of IBEW Local Union 701 in Warrenville, Illinois, and is an instructor at the DuPage Joint Apprentice and Training facility.

Chris presented “Conductor Ampacity – Adjustment & Correction.” This presentation addressed applying adjustment and correction factors to current carrying conductors by using tables from the 2011 *NEC* code book. He began by explaining

the objective for that session by using a four-step method to adjust the ampacity of conductors when used beyond specified conditions: 1) table ampacities and conditions; 2) adjustment factors; 3) correction factors; and 4) how to apply. Throughout his presentation, Chris touched on conditions of use utilizing Table 310.15(B)(16) of the *NEC*, temperature limitations, applying adjustment factors and being mindful of the protection of conductors [240.4(B) (1,2,3)]. He summarized his session with a review and took questions and comments from the audience.

### **Ohio Chapter**

#### **Western Reserve Division**

**Regular Meeting, November 2013**

**Joe Cenzori, Secretary**

President Jerry Gerber called the meeting to order at 6:00 P.M. The minutes and the treasurer’s report were soon approved as read.

**Secretaries Report.** Secretary Cenzori thanked Jack Bene’, Robert Sullivan and Kevin Kobunski for their last two months of participation with our educational program. At our September meeting, Jack Bene’ started off the program with the introduction to the surge suppression equipment that we were going to witness at Erico surge suppression lab at our October meeting. We had a very good turnout and the program was outstanding.

All of the Western Reserve Division’s code classes for the 2014 fiscal year have been approved by the board of building standards. Approved were one thirty-hour class, two twenty-hour classes, one being our monthly meetings, the other four five-hour classes. Also approved is a thirty-hour course, and a three-hour Article 250 class.



IAEI wishes to give a special  
greeting and say...

# Welcome NEW MEMBERS

## INTERNATIONAL OFFICE

Ali, Basil, Baghdad, Iraq  
Gumabong, Edgar, Iloilo, Philippines  
Vidyadharan, Ratheesh, Kavalam  
Alappuzha(Dist), Kerala, India

### *Saudi Arabia Chapter*

Samal, Subash, Dhahran-31311, Saudi  
Arabia

## EASTERN SECTION

Slingerland, Jim, Schenectady, NY

### *Adirondack Hudson Chapter*

Bennett, Bryon, Ballston Spa, NY  
Hamm, Robert, High Falls, NY  
Kent, Kevin, Niskayuna, NY  
Kent, Kevin, Niskayuna, NY  
Markou, Anthony, Brainard, NY  
Rousselle, Geoff, Clifton Park, NY  
Saumier, Jerry, New Rochelle, NY  
Williams, Mark, Clifton Park, NY

### *Chesapeake Chapter*

Rolfes, Bernard, Eldersburg, MD

### *Connecticut Chapter*

Syrowsky, Joseph, Beacon Falls, CT  
Wadowski, Scott, Burlington, CT

### *Delmarva Division*

Hixon, Daniel, Hancock, MD  
Holbruner, Robert, Williamsport, MD  
Kidwell, Michael, Fairplay, MD  
Mowen, Blaine, Hagerstown, MD

### *Benjamin Franklin Chapter*

Daino, Steve, Feasterville Trevose, PA

Donnelly, Kevin, Philadelphia, PA  
McFarlane, John, Philadelphia, PA

### *Empire Chapter*

Cormier, Joseph "Matt", Syracuse, NY  
Estes, Gary, Burke, NY

### *Genesee Chapter*

Merrill, Greg, East Rochester, NY  
Schlegel, Thomas, Rochester, NY

### *George Washington Chapter*

Carignan, John, La Plata, MD

### *Green Mountain Chapter*

Prue, Gerard, Bennington, VT

### *Long Island Chapter*

Lennon, Michael, Freeport, NY

### *New Jersey Chapter*

Rampino, Joseph, Manalapan, NJ

### *Skyland Division*

Harvan, Darrin, Hackettstown, NJ  
Lanyi, Richard, Chester, NJ  
Leach, James, Lake Hopatcong, NJ  
Leckie, James, Chester, NJ  
Nardone, Anthony, Andover, NJ  
Yard, Michael, Milford, NJ

### *New York Chapter*

Neil, Bunny, Brooklyn, NY  
Rosenberg, Sam, Brooklyn, NY

### *Keystone Chapter*

Begg, Douglas, Wilkes Barre, PA  
Hetro, Christopher, Wilkes-Barre, PA

### *Paul Revere Chapter*

DeGuglielmo, Anthony, East Boston, MA  
DiMinico, James, Wakefield, MA  
Donovan, Andrew, Dorchester, MA  
Goodale, Todd, Belmont, MA  
Markham, Matthew, Marlborough, MA

### *Roger Williams Chapter*

Treggiari, Jason, Taunton, MA

### *South Jersey Chapter*

Abdill, Edward, Salem, NJ  
Emenecker, Doug, Medford, NJ  
Georgopoulos, Dimitri, Woodbine, NJ  
Hak, Brian, Pennsauken, NJ  
Honeyford, Peter, Moorestown, NJ  
Mcnamee, Thomas, Mount Ephraim, NJ  
Pirrota, Jason, Hainesport, NJ  
Simpson, Jeffrey, Cherry Hill, NJ  
Vansalous, Mark, Mount Laurel, NJ

### *Westchester Chapter*

Jones, Robert, Yonkers, NY

### *Western NY Chapter*

Collopy, Jeffrey, N Tonawanda, NY  
Doll, Derek, Tonawanda, NY

## CANADIAN SECTION

### *Ontario Chapter*

Ban, John, Richmond Hill, ON  
Johnson, Richard, Dundas, ON  
Kelly, Steven, Griffith, ON  
Lundy, Kyle, Mississauga, ON  
Osgood, James, Thorndale, ON  
Paul, Mike, Mississauga, ON

### *Prairie Chapter*

Curylo, Steven, Yorkton, SK

***Nova Scotia Chapter***

Fraser, Glenn, Sydney, NS

Nott, Christopher, Lower Sackville, NS

**NORTHWESTERN SECTION*****Eastern WA Chapter***

Crosby, Jonathan, Spokane, WA

Eckman, Dale, Yakima, WA

Gethers, Eric, Spokane, WA

Lovestrand, Dan, Yakima, WA

Shiple, Matt, Yakima, WA

Weatherly, Douglas, Colbert, VA

Yusi, Michael, Yakima, WA

***Idaho Chapter***

Recla, Cevyn, Middleton, ID

***Montana Chapter***

Lamping, Rodney, Helena, MT

***Oregon Chapter***

Markham, Bradley, Cottage Grove, OR

***Puget Sound Chapter***

Sears, Todd, Seattle, WA

Toby, Shane, Olympia, WA

***Utah Chapter***

Oram, Cody, Provo, UT

**SOUTHERN SECTION*****Alabama Chapter***

Central AL Division

Duncan, Michael, Randolph, AL

***River Region Division***

Potter, Derek, Montgomery, AL

Stroh, Eric, Montgomery, AL

***Florida Chapter******Central Florida Division***

Bures, Brett, West Melbourne, FL

***Joseph A. Schneeberger/Gulf Coast Div***

Sitzlar, Jerry, Bonita Springs, FL

***Maynard Hamilton/Ft. Lauderdale Division***

Buboltz, Mitchell, Oakland Park, FL

***Miami/Dade Division***

Beltran, Julio, Miami Beach, FL

Manrique, Denis, Miami Lakes, FL

***North Florida Division***

Wheeler, Wesley, Keystone Heights, FL

***Palm Beach County Division***

St. Amour, Jason, Palm Beach Gardens, FL

***Georgia Chapter***

Watson, Dave, Carrollton, Georgia

***Southeast Louisiana Chapter***

Gautreau, Ernest, Walker, LA

Pelas, Jeffery, Port Sulphur, LA

Ratcliff, Jeremy, West Monroe, LA

VanCamp, Penny, Marrero, LA

***N.C. Ellis Cannady Chapter***

Alley, Lawrence, Elizabethtown, NC

Vaughan, Timothy, Nashville, NC

Warren, John, Blowing Rock, NC

***South Carolina Chapter***

Avin, Leonard, Sumter, SC

Jackson, George, Bluffton, SC

Lowder, Dean, Isle Of Palms, SC

***Texas Chapter***

Anders, Alan, Austin, TX

David, Fred, Parker, TX

Newman, Chuck, Mansfield, TX

***Virginia Chapter***

Loving, Troy, Salem, VA

**SOUTHWESTERN SECTION*****Central Arizona Chapter***

Cribbs, Jerry, Phoenix, AZ

Johnson, JaJuan, Phoenix, AZ

LaRussa, Lee, Coalinga, CA

***New Mexico Chapter***

Miano, Daniel, Rio Rancho, NM

***Northern California Chapter***

Schlecht, Matthew, San Francisco, CA

City, Solar, San Mateo, CA

Carni, Craig, Hayward, CA

***Sacramento Valley Chapter***

Okumura, Tom, Sacramento, CA

***Southern Nevada Chapter***

Stiles, Greg, Las Vegas, Nevada

***Southern California Chapter***

Greater Los Angeles Area Division

Nieves, Thomas, West Covina, CA

***Orange Empire Division***

Clark, Eric, Eastvale, CA

Meadow, Phil, Irvine, CA

**WESTERN SECTION*****Arkansas Chapter***

Castleberry, Zach, Conway, AR

Dewberry, Michael, Springdale, AR

Eckert, Ken, Conway, AR

Waldrop, Terry, Little Rock, AR

***Illinois Chapter******Central IL Division***

Knox, Barrett, Quincy, IL

***Northeast Suburban Division***

Goldowski, Maciej, Wheeling, IL

***Kansas Sunflower Chapter***

Bell, Timothy, Pittsburg, KS

Ellenz, Daron, Tipton, KS

***Michigan Chapter***

Napier, Dylan, Lambertville, MI

Young, Gerald, Rochester, MI

***Missouri-Kansas Chapter***

Slaughter, Craig, Gladstone, MO

***Nebraska Chapter***

Barnes, Bill, Pierce, NE

***North Dakota Chapter***

Floer, Leo, New England, ND

***Ohio Chapter,******Southwest Division***

Frey, Mark, Cincinnati, OH

***West Virginia Division***

Burdette, Jamison, Dunbar, WV

Hearn, Richard, Alma, WV

***Western Reserve Division***

Reiheld, Lisa, Cleveland, OH

### **Rocky Mountain Chapter**

Bush, Greg, Gypsum, Colorado  
Maxa, Brian, Colorado Springs, CO  
Miell, Crispin, La Junta, CO  
Seaman, Kyle, Colorado Springs, CO  
Stewart, Lance, Parker, CO

### **Northeast Division of the Rocky Mountain**

McLaughlin, Jeremy, Fort Collins, CO  
Earhart, Steve, Fort Collins, CO

### **St. Louis Chapter**

Reinhold, Greg, Saint Louis, MO  
Willie, Stephen, Saint Louis, MO

### **Wisconsin Chapter**

Perez, Sandro, Pleasant Prairie, WI

### **Wyoming Chapter**

Strauch, Alan, Pine Bluffs, WY

## **NCPCCI IAEI CERTIFICATION**

The following became certified with IAEI for the months of September and October 2013.

### **General**

Bianculli, Brandon, Audubon., NJ  
Cardile, Thomas S., Wantagh., NY  
Clark, Eric, Eastvale., CA  
Graves, Scott W., Denton., NE  
Jarufe, Jaime, Hartsdale., NY  
Lassle, Gregory M., Sheridan., WY  
Varner, Jr., Mickey L., Andersonville., TN  
Yee, Benjamin, San Francisco., CA

### **One- and Two-Family**

Bianculli, Brandon, Audubon., NJ  
Clark, Eric, Eastvale., CA  
DelPozzo, Charles A., Lincolnale., NY  
Marr, George M., Greene., NY  
Newman, Edward J., Hauppauge., NY  
Throop, Jason, West Point., MS  
Varner, Jr., Mickey L., Andersonville., TN

### **Plan Review**

Bianculli, Brandon., Audubon., NJ  
Clark, Eric., Eastvale., CA  
Jamison, II, Robert W., Avondale., AZ  
Wagner, Christopher, Crystal River., FL

## **IREC Honors National Award Recipients at 3iAwards Ceremony**



David Clements (*left*), International Association of Electrical Inspectors (IAEI) CEO and executive director, was honored by the Interstate Renewable Energy Council (IREC) for ensuring safety and quality training for inspectors of solar photovoltaic (PV) installations. Under his leadership, IAEI is working with IREC to bring state-of-the-art online training to code officials. Joseph Sarubbi (*right*) is a consultant, currently serving as Project Manager for the Interstate Renewable Energy Council who is National Administrator of the Solar Instructor Training Network — a U.S. Department of Energy SunShot initiative.

On October 23, 2013, the Interstate Renewable Energy Council (IREC) honored national award winners for the Best of 2013 in renewable energy and energy efficiency. In celebration of 20 years of recognizing exemplary people, projects and programs, this year the competitive awards were renamed the IREC 3iAwards.

"Today we celebrate the nation's trailblazers whose passion to change the status quo in renewable energy and energy efficiency enables and inspires others to transform communities with lasting solutions," said IREC President and CEO Jane Weissman.

Awards were presented for: State & Local Government Project of the Year, Community Renewable Project of the Year, IREC Accredited Training Program of the Year, and IREC Certified Trainer of the Year. Four special recognition awards were also presented.

"With these awards we recognize innovative solutions to solving tough problems; we salute the ingenuity of those who think outside the box to advance the use of clean energy; and we thank those who inspire others to make a difference," said IREC Board Chair David Warner.



## REGISTRY CERTIFIED ELECTRICAL INSPECTORS

### Active Certificate Holders

Anderson, Paul H., Merrillville, IN	CEI-M-157	John, Fred W., Sheridan, WY	CEI-M-176
Anderson, Randall A., Wynot, NE	CEI-M-150 & CEI-R-140	Lofland, Keith, Richardson, TX	CEI-M-126 & CEI-R-126
Baird, Robert T., Idaho Falls, ID	CEI-M-153	Lusian, Walter W., Eden Prairie, MN	CEI-M-182
Barabas, Andrew, New Rochelle, NY	CEI-M-190 & CEI-R-158	McGann, Robert, Woburn, MA	CEI-M-208
Barnett, Tracy, Dickson, TN	CEI-M-160	McGuane, William, Owego, NY	CEI-R-172
Beldo, Ronald G., Eveleth, MN	CEI-R-164	McMahill, Lanny, Phoenix, AZ	CEI-M-128 & CEI-R-128
Bernholtz, Denny, Huxley, IA	CEI-M-223	Mecca, Richard, Rye, NY	CEI-M-201
Binkiwitz, Philip, Dunkirk, NY	CEI-R-175	Mertz, Frederick S., New Hartford, CT	CEI-M-161
Bowman, Byron L., Las Vegas, NV	CEI-M-141	Miller, Bradley, Bridgeport, WV	CEI-M-214
Broderson, Roy D., Battle Ground, WA	CEI-M-158	Morgan, D. Matthew, Elkhart, IN	CEI-M-227
Brown, Johnny E., West Memphis, AR	CEI-M-196 & CEI-R-163	Murphy, Paul L., Danbury, CT	CEI-M-177
Bruening, Randall J., Madison, NE	CEI-R-141	Nave, Gerald A., Johnson City, TN	CEI-M-147
Bunker, Merton W., Stafford, VA	CEI-M-113 & CEI-R-113	Nygord, John F., Grand Forks, ND	CEI-M-224
Ceriello, Christopher, Amityville, NY	CEI-M-180 & CEI-R-144	O'Brien, Richard, Las Vegas, NV	CEI-M-199
Ceriello, Robert K., Farmingdale, NY	CEI-M-178 & CEI-R-153	Ornoski, Michael, Glendale, AZ	CEI-M-230 & CEI-R-173
Chalupka, Thomas, Tonawanda, NY	CEI-M-207 & CEI-R-165	Owen, Richard P., Oakdale, MN	CEI-M-132
Chan, Larry, New Orleans, LA	CEI-M-116 & CEI-R-116	Palmer, Laurence, Cocoa, FL	CEI-M-174
Ciffone, Stephen M., Santa Cruz, CA	CEI-M-205	Parkin, Perry L., Anchorage, AK	CEI-M-142
Clancy, James, Merrick, NY	CEI-M-152 & CEI-R-138	Pfeifer, Clifford D., Fort Mohave, AZ	CEI-M-191
Clifton, Jeffrey C., Cape Girardeau, MO	CEI-M-225	Poe, Gaylord K., Morrow, OH	CEI-M-206
Cocks, James F., Monroe, NY	CEI-R-166	Reed, James M., Pacificia, CA	CEI-M-184
Colman, Robert, Geneva, NE	CEI-M-167 & CEI-R-147	Regan, Mark E., Ras Tanura, Saudia Arabia	CEI-M-159 & CEI-R-145
Conway, Jim, Centennial, CO	CEI-M-117 & CEI-R-117	Rooney, Dale H., Anchorage, AK	CEI-M-171
Cook, Donald, Pelham, AL	CEI-M-118 & CEI-R-118	Sampson, Marcus, St. Paul, MN	CEI-M-213
Cook, James D., Johnstown, CO	CEI-M-155	Sandefur, James D., Murfreesboro, TN	CEI-M-144
Craig, Herbert W., Ogdun Dunes, IN	CEI-M-181	Savage, Michael, Ridgely, MD	CEI-M-226
Cross, Joseph W., Piney Flats, TN	CEI-M-151	Servantez, Tony R., Mason City, IA	CEI-M-217 & CEI-R-160
Daniel, Jerry L., Normangee, TX	CEI-M-210	Schumacher, Martin, Westminster, MD	CEI-M-231
DeAngelis, Charles M., Lewiston, ME	CEI-M-154	Shanholtz, Steven, Stanwood, WA	CEI-M-200
DeLuca, Rocco, Gilbert, AZ	CEI-M-232	Simpson, Jeff, Roughmont, NC	CEI-M-228
Dorsey, James M., Monument, CO	CEI-M-148	Smith, Matthew C., Cartersville, GA	CEI-M-198
Douglas, Ira Lee, Murfreesboro, TN	CEI-M-149	Smoot, Paul O., Burlson, TX	CEI-M-192 & CEI-R-159
Downs, Roger L., Oxford, NE	CEI-R-139	Straley, Dennis M., Snohomish, WA	CEI-M-185
Earley, Mark, Quincy, MA	CEI-M-122 & CEI-R-122	Sunde, Jonathan A., Austin, MN	CEI-M-220
Fisher, Christy, Pacifica, CA	CEI-M-215 & CEI-R-170	Trembath, II, Bruce W., Ten Sleep, WY	CEI-M-189
Firzlaff, Corey, Dubuque, IA	CEI-R-174	Troyer, Ron, Thornwood, NY	CEI-M-216
Gisch, Robert, Homewood, IL	CEI-M-233	Waldman, Timothy F., Mount Penn, PA	CEI-M-211
Gonyea, Warren, Orange, CA	CEI-M-168	Walker, Sr., Calvin G., Beaumont, TX	CEI-M-229
Griess, Kurt S., Grand Island, NE	CEI-M-203	Warren, Shelly M., Burlington, VT	CEI-M-140 & CEI-R-155
Hardesty, Ralph O., Marysville, WA	CEI-M-197	Weitzel, Michael K., Richland, WA	CEI-M-193 & CEI-R-161
Hartman, Kevin C., Council Bluffs, IA	CEI-M-221 & CEI-R-171	Whetstone, David M., Sylacauga, AL	CEI-M-212
Hartwell, Frederic P., Amherst, MA	CEI-M-179	Wilee, Kenneth W., Lebanon, TN	CEI-M-120
Humphrey, Scott J., Santee, CA	CEI-M-166	Williamette, Cari D., New Brighton, MN	CEI-M-162 & CEI-R-148
Jack, Martin M., Meridian, MS	CEI-M-143	Williams, David A., Lansing, MI	CEI-M-173
Jackson, Pete D., Bakersfield, CA	CEI-M-195 & CEI-R-162		
Jamison, Jr., Jack E., Morgantown, WV	CEI-M-187		