

FLASH

The Electrical Board of Missouri and Illinois

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Vol. 110 No. 7

JULY 25, 2019

CLEAN ENERGY SUMMIT

(formerly our Renewable Energy Summit)

Thursday, August 15th at Ameren Headquarters
or

Tuesday, August 27th at Millbottom in Jefferson City

7:30 am to 12:00 noon

4 pdh's

\$35 per person for EBMI members firms

\$55 for non-members

Tentative Topics to be discussed.

- Ameren Missouri's Smart Energy Plan
- Overview of Ameren's Missouri's Clean Energy Projects
- Missouri's Energy Policy
- EV Charging Stations
- Electric Forklifts
- Case Study – Mastercard Solar Project

Please scan/email to annie@electricalboard.org before August 7th. I will attend on...

☐ August 15th in STL ☐ August 27th in Jeff City

Check one:

- ☐ Will call EBMI with Mastercard, AMEX or Visa info
☐ Will forward check prior to deadline

FOR ENGINEERS ONLY: Do you need pdh letter for this seminar? ☐ YES ☐ NO
(Engineers: If not marked above, there will NOT be a pdh letter available at the seminar for you.)

(Please Print)

Name _____ e-mail _____
Company _____ Phone (____) _____
Address _____ City/State/Zip _____

Table top participants: Butler Supply (Jedd City only), CK Power, Innovative Facilities Solutions(STL only), Lighting Associates, Martin Electrical Sales, Mason and Associates (STL only), Meglio and Associates, Schaeffer Marketing Group and Tick Tock Energy (Stl only).



Jeff Stoyanov (left) receives his chairman plaque from incoming Chairman Bill Kuempel

Jeff's message to members

First of all, it was an honor to serve as Chairman of the EBMI for the 2018-19 year.

I had an unusual start to my year as chairman, I missed my installation as chairman but I had a very good reason - the arrival of our new granddaughter Claire Christine. I cannot think of a better way to start my term as EBMI Chairman!!!

I am indeed grateful to the people that worked to provide our members and the industry so many programs and events this past year.

We did accomplish a few items that we deem necessary for the organization that I want to review with EBMI members.

The move to our new offices on the 2nd floor spread through Lacey's term and part of mine as we officially began occupying the space on November 16th. We signed a new 6 year lease.

The Industry Awards committee revised the essay portion of scholarship application this year that provided some interesting reading by the judges. They also changed the deadline dates for applications since we no longer have the awards luncheon in February. Both changes were well received by students and judges.

EBMI Foundation by-laws were also revised and new officers and Board of Directors were named and elected. The EBMI Treasurer will now serve as Foundation Treasurer moving forward and reviews the monthly statements along with Nancy Martin, President of the EBMI Foundation. The Treasurer will report the EBMI Foundation financial figures at EBMI Board of Director meetings. Nancy will continue to serve as President and the EBMI President (Bill) will serve as the Secretary for the EBMI Foundation.

In December, we moved the Christmas Mixer to the St. Charles Convention Center in one of the Exhibit halls. From most accounts, this change of venue served our needs nicely. The next Christmas Mixer is December 5th at the St. Charles Convention Center.

Ameren Missouri rolled out the new energy efficiency incentive program and as such we coordinated programs on these incentives at Ameren in St. Louis, in Columbia and in Cape Girardeau. All the programs were well attended.

Bill Kuempel and I selected a group of members to lead the Electrical Expo committee and the various sub-Committees. They held their first meeting in April and we had a very spirited discussion. As details are confirmed, they will be reported in future issues of the FLASH.

We once again held many events and education classes and seminars during the year and I certainly thank all our committee

chairs who assisted with these annual programs. We just seem to flow through the year with programs benefitting our members and industry associates, but we all realize that there are many members involved in coordinating these events and we thank them for their assistance.

Also a big thank you to my fellow officers and our Board of Director members who guided the Electrical Board through a very successful year.

IN MEMORIAM

The Electrical Board officers and staff express our sincere condolences to the family of **Tom McCarthy**, retired from McClure Engineering who passed away on July 2nd. Tom taught our Motors and Grounding classes; and to **Gus Stuart** of Centrex Electrical Supply whose daughter Shannon passed away on July 2nd; and to the family of **Rick Ledbetter**, retired from Guarantee Electrical who passed away on July 5th; and to **Paul Mueller**, retired from Sachs Electric whose mother Audrey passed away on July 16th.

CALENDAR OF EVENTS

See calendar on www.electricalboard.org

Aug. 15th	CLEAN ENERGY SUMMIT (Formerly our Renewable Energy Summit) At Ameren Registration – 7:00 am Program starts – 8:00 am Program ends – 12:00 noon Program Flyer will be in future FLASH
Aug. 27th	CLEAN ENERGY SUMMIT (Formerly our Renewable Energy Summit) At Millbottom in Jefferson City Registration – 7:00 am Program starts – 8:00 am Program ends – 12:00 noon Program Flyer will be in future FLASH
Sept. 16th	GOLFFest Crescent Farms Golf Course (ONLY TWO FOURSOMES AVAILABLE)
Sept. 24th	Illinois Electric Power Issues Lincoln Land Community College-Springfield
Oct. 9th	Illinois Electric Power Issues Doubletree Hotel – Mt. Vernon
Oct. 19th	BBQ at VA hospital Sponsored by EBMI Vets
Oct. 30th	Electrical Safety Symposium At Ameren Headquarters
Dec. 5th (Thursday)	CHRISTMAS MIXER At St. Charles Convention Center

Call EBMI at 636-305-6434 for more information or to register for any of these events or visit our website at www.electricalboard.org. You can also send an email to annie@electricalboard.org or bill@electricalboard.org.

POSITIONS AVAILABLE

7A19 - KMS Consulting: Need help with reviewing estimates, design Build, Project Management or just an Electrical Code related question. With over 35 years of experience in the Electrical Contracting industry, we have the answer for you. Call for rates (314) 713-5306.

POSITIONS AVAILABLE

5119 – ENERGY SERVICES CONSULTANT

- Under general supervision, to represent the Company as a single point of contact with customers, builders, developers, any Company representatives, and other appropriate contacts regarding service requests of higher complexity.
- To process and monitor customer applications for service from start to finish, including, but not limited to the following activities:
- Design assigned jobs of intermediate to high complexity in accordance with Company electric standards.
- Provide accurate job information as required to the Design Center.
- Provide high level of responsiveness to customers regarding service requests and impactful projects.
- Provide the customer with information on rates, charges, programs, service requirements and other technical expertise as required.
- Obtain all required customer approvals, easements, and rights-of-way as needed, and to prepare appropriate contracts, permits, releases, plats and records.
- Make field inspections and prepare material and labor estimates, plats and drawings as needed for proposed construction.
- Investigate and initiate resolution to customer reliability concerns and inquiries.
- Use transit and level and other surveying instruments/tools as required

To apply: visit Ameren.com/careers OR contact jksul@ameren.com

6119 – WAREHOUSE WORKER – **Fletcher-Reinhardt Company**

Job Description

- Use a forklift to pull orders, put away material, ship material by UPS, load, and unload trucks. We have the following types of forklifts: both stand up and sit down.
- When filling orders, the orders are generally mixed pallets and employees are on and off the forklifts several times per day.
- Must be able to lift 50 pounds without assistance. Some items are up to 100 pounds, but the employees are not required to lift over 50 pounds without assistance.
- General warehouse housekeeping, such as sweeping and cleaning, is required.
- Our material is stored both indoors and outdoors. Work is required outside, including during inclement weather.
- The warehouse is not air conditioned, but is heated.
- We use “RF” guns for receiving and shipping.
- Occasional overtime, as required by supervisor, to meet company needs.
- Before coming onto our premises, the following must be passed:
 - Drug screen test
 - Background check
 - Basic skills assessment

For more information about our company or to apply, please send contact information to “mjr@fr-electric.com.”

NEW MEMBER

We WELCOME the following new members who joined the Electrical Board. We encourage them to get involved on Electrical Board committees and participate at our events.

NEW CORPORATE MEMBER COMPANY

CANNON DESIGN STUDIO

Rep: James Lessard
1100 Clark Avenue
St. Louis, MO 63102
314-425-8704
www.cannondesign.com

EVAPAR

Rep: Bill Crews
2nd Rep: Keith Findley
12035 Missouri Bottom Rd
Hazelwood, MO 63042
314-739-8700
www.evapar.com

IDEAL INDUSTRIES

Rep: Sean Lazzari
1203 Richland Meadows Dr.
Ballwin, MO 63021
224-760-4824
www.idealind.com

PRIORITY WIRE & CABLE

Rep: Chris Caruso
2nd Rep: Kevin Kitchens
1800 E. Roosevelt Rd
Little Rock, AR 72206
636-305-1558
www.prioritywire.com

WELDY LAMONT GROUP

Rep: Steve Shoemaker
2nd Rep: Chuck Gille
16229 Lea Oak Dr.
Chesterfield, MO 63017
314-878-8400
www.weldygroup.com
Sponsored by Mark Mooney – S&C Electric

New Individual member

Melissa Meywes – Eaton

Change of Company Name

Aedifica Case Engineering is now **Case Engineering**.

New 2nd Corporate Representative

Danielle Kalmer – Eaton Corp.
Dan Kohnen – RLG

New address for Hubbell Killark

2112 Fenton Logistics Park Blvd.
Fenton, MO 63026
Rep: Warren Jenkins



PROTECTION OF ELECTRICAL SYSTEMS

8 PDH'S / 8 hours for City of St. Louis requirement

/ 8 JC's contact hours-code approved (formerly peus)

Space is limited - sign up early! (Need minimum of 11 to hold this class.)

\$125 per person for members of EBMI if made <u>before 9-5-19</u>; \$175 after this date.
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\$185 per person for non-members of EBMI <u>before 9-5-19</u>; \$235 after this date.
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Date: **THURSDAY, SEPTEMBER 12, 2019**

TIME: 7:30 a.m.-4:30 p.m.

****Bring your 2017 code book for reference****

Location: **EBMI Office**

900 S. Highway Dr. – **Ste. 203** – Fenton, MO 63026 (across Hwy. 44 from old Chrysler Plant)

Presented by:
Michael Smith

Conductors: The installation of cables in wood and metal framing, shallow grooves, behind panels that allow access and surface mounted; Installation of cables or conductors in the earth; Explain the effects of chemicals, water, direct sunlight and other conditions; Explain overcurrent protection and short circuit protection; Importance of clearances for feeders and service conductors; Explain why fill ratio is important and affects ampacity of conductors.

Equipment: Sizing equipment for available fault current; how to determine fault current and why it is important; selecting the correct overcurrent devices; importance of signage NFPA 70E commercial not dwellings; the separation of arcing parts from combustible material; explain working clearances; minimizing shock hazards for personnel .

PLEASE SCAN/EMAIL COMPLETED FORM BELOW TO

annie@electricalboard.org

PRIOR TO SEPTEMBER 5TH (for advanced rate). We ask that you mail check to EBMI, 900 S. Highway Drive-Ste. 203, Fenton, MO 63026 or call the EBMI office 636-305-6434 to pay by Mastercard, AMEX or Visa. **MUST BE PAID BEFORE SEPTEMBER 5TH.**

1st Name _____ email address _____

2nd Name _____ email address _____

3rd Name _____ email address _____

Company _____ Address _____

City/State/Zip _____ Phone: _____

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IEC Convention & Expo 2019 brings together the top electrical, low voltage, and systems contractors from across the globe to learn new approaches to increasing profitability, improve productivity, and the most efficient cost-cutting methods.

CONVENTION HIGHLIGHTS:

- **Welcome Reception** to kick-off a great week of learning at The Crown Room at the St. Louis Ball Park Village
- **In-depth educational sessions** including Project Management and 2020 NEC® Code Changes
- The **IEC Foundation Golf Tournament** at Missouri Bluffs Golf Club
- **Keynote speaker** Susan Frew on the Pufferfish Effect and how it can accelerate your business growth
- 2nd Annual IEC Foundation Scholarship Fundraiser **Cigar and Whiskey Tasting**
- Live **Apprentice of the Year Competition** on the Expo floor
- Platinum Partner Party
- President's Reception & Awards Gala
- So much more!

EXPO

An Expo Hall filled with the latest innovations from exhibitors including:

- American Conduit
- The Home Depot
- Sonepar USA
- Verizon Connect
- Hitachi Cable America
- Graybar
- NFPA
- Eaton
- Milwaukee Tool
- Arlington Industries
- LiveWires

 **REGISTER TODAY! ieconvention.org**



ORDER FORM FOR 2020 NATIONAL ELECTRICAL CODE MATERIALS

NOTE: *ORDERS AND PAYMENTS NEEDED BEFORE 8/20/19. NO EXCEPTIONS!*****

The Electrical Board is offering NEC items for sale to our members. There is a small discount in comparison to list prices that will be charged in the Fall 2019. To receive discounts all orders must be placed AND PAID FOR before August 20TH. After that date, all prices will increase. A small fee of 6% (of your total order) needs to be added in as we have to charge this to cover postage and handling for these pre-orders. New this time....if you wish to use credit cards, we can accept Visa, Mastercard or AmEx ONLY if you ADD IN ADDITIONAL 3% to your total.

PLEASE PRINT OR TYPE:

Name _____ Company _____

Address _____

City _____ State _____ Zip _____

Phone Number_(____)_____ email: _____

<u>ITEMS</u>	<u>QUANTITY REQUESTED</u>	<u>SUGGESTED LIST PRICE (BUT YOU USE SALE PRICE)</u>	<u>SALE PRICE**</u> IF RECEIVED PRIOR TO AUGUST 20 th .	<u>SUBTOTAL</u>
2020 NEC BOOK – SOFTBOUND		\$ 115.50	\$105.00 x # of copies	
2020 DIVIDER TABS		\$ 20.00	\$ 17.50 x # of sets	
2020 NEC HANDBOOK		\$215.00	\$200.00 x # of copies	
QUANTITY TOTAL			TOTAL FROM ABOVE	\$
			ADD 6% Shipping & Handling ON TOTAL ABOVE* <input type="checkbox"/> We are paying by check. If so, check here and skip to GRAND Total	
			Only IF USING CREDIT CARD – ADD 3% OF TOTAL ON LINE ABOVE* (NEC Materials plus Shipping/Handling) <input type="checkbox"/> We will pay by credit card. If so, please add 3% to total above, but send in form before calling 636/305-6434 to pay by credit card.	
			GRAND TOTAL	\$

EBMI WILL ONLY ORDER THE 3 ITEMS ABOVE. (No spiral bound books will be ordered.)

NFPA will NOT make CD/Rom version for any code books.

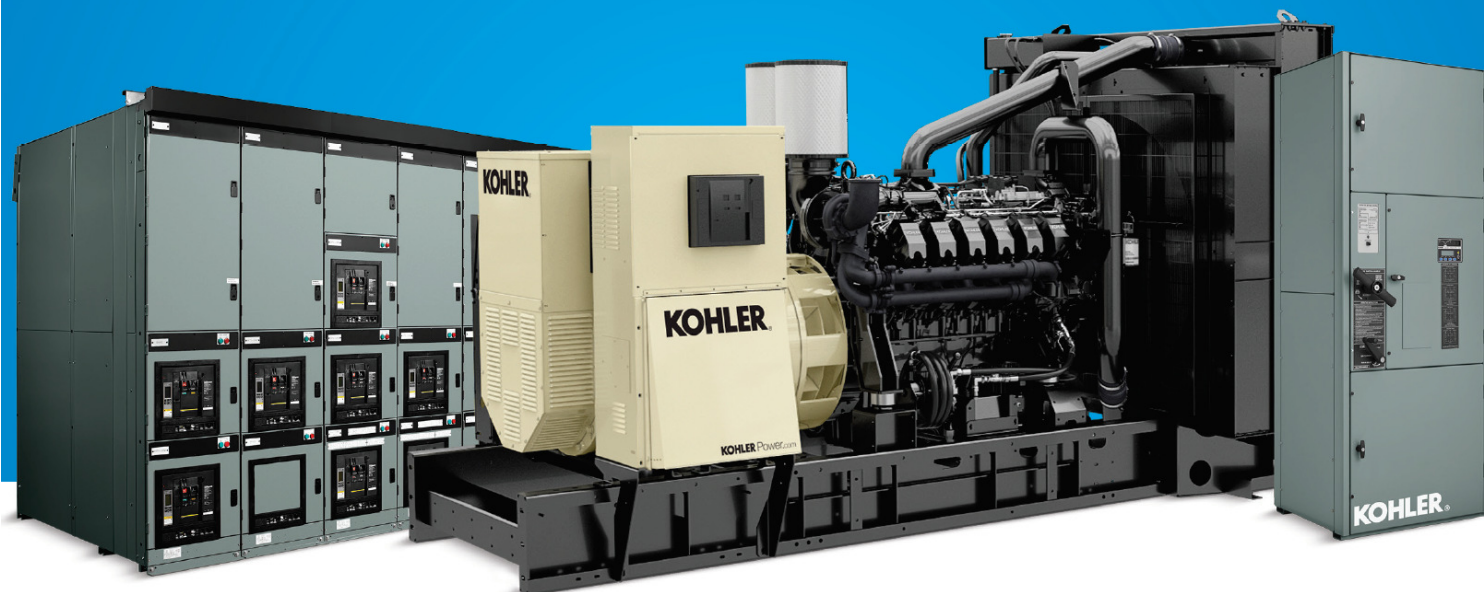
The code books are printed first and should arrive late Fall of 2019. The handbooks are an interpretation of the 2020 Code, so it takes time for them to do an analysis. Therefore, handbooks will not arrive until early 2020. **NOTE: DUE TO LOW MARGINS ON THESE MATERIALS, EBMI CAN ONLY ACCEPT CREDIT CARDS IF YOU PAY THE 3% EXTRA ON YOUR TOTAL AFTER ADDING IN THE 6% SHIPPING AND HANDLING FEE.**

To order, please SCAN/EMAIL form to bill@electricalboard.org before August 20th. Then, mail a copy of this form WITH YOUR CHECK, covering the total cost (adding in the 6% shipping/handling to your order) to the Electrical Board, 900 S. Highway Drive-Suite 203, Fenton, Missouri 63026. OR.. if paying by credit card, please scan/email in this form PRIOR TO CALLING OFFICE TO PAY BY CREDIT CARD, 636/305-6434. This way, we will have form and can make sure your total includes both 6% S&H and 3% for credit card use.

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Arnold, MO
540 Jeffco Blvd.
Arnold, MO 63010
P: 314.714.1714
F: 314.714.1715

Fenton, MO
1702 Chase Drive
Fenton, MO 63026
P: 636.680.0000
F: 844.783.4392

O'Fallon, MO
1718 West Terra Lane
O'Fallon, MO 63366
P: 636.321.2300
F: 636.321.2301

Washington, MO
1852 Highway A
Washington, MO 63090
P: 636.231.6969
F: 636.231.6601

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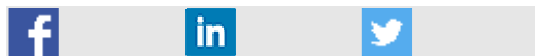
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513-884-5154

and
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processing
CONTACT:
Chris Danner**
314-599-2026

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