

# FLASH

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Sachs Electric

Vol. 114 No. 3

MARCH 17, 2023

## LAST CALL Energy Efficiency Workshop

(Virtual Program)

120 ALREADY SIGNED UP

4 pdhs offered

Cost: \$45 per Company for EBMI Members

\$50 per person for non-member Companies

Tuesday, March 28<sup>th</sup>

8:00 am – 12:00 noon - Virtual Teams Platform

Only those making reservations will receive TEAMS link for event

### Topics

- **The Changing Energy Landscape and Keeping the Lights On**  
Speaker: Justin Stewart, Ameren Services
- **Inflation Reduction Act**  
Speaker: Maddie Emerson, TRC
- **Economic Development Team**  
Speaker: Lonna Trammell, Ameren Missouri
- **Customer discusses Energy Efficiency Projects**  
Speaker: Travis Hartman, Toyota
- **How do companies measure and benchmark their energy usage?**  
Speaker: Kyle Knudten, McClure Engineering
- **How do companies manage their energy?**  
Speaker: Randy Hassler, McClure Engineering

### ENROLLMENT FORM – (Please Print)

Email this information before March 24<sup>th</sup> to [annie@electricalboard.org](mailto:annie@electricalboard.org)

Check one:

Will call EBMI with Mastercard, AMEX or Visa info

Will forward check to EBMI, 900 S. Highway Dr.-Ste. 203 – Fenton, MO 63026 prior to deadline

1) Name \_\_\_\_\_ e-mail \_\_\_\_\_  
Pdhs  YES  NO

2) Name \_\_\_\_\_ e-mail \_\_\_\_\_  
Pdhs  YES  NO

Company \_\_\_\_\_ Address \_\_\_\_\_  
City/State/Zip \_\_\_\_\_ Phone \_\_\_\_\_



**Bill Regan**

# LET'S TALK...

## **Congratulations to our 10 scholarship recipients for 2023.**

Each recipient receives a \$1,500 scholarship and a commemorative plaque. See list of recipients include in the FLASH. The awards banquet will be held on June 14<sup>th</sup>. Kevin Knocke, chair of the Industry Awards Committee will MC the event.

Annie and I always enjoy reading the essays from these students and this year was no different. The essays provide us with an insight into the challenges and achievements of each student.

While we know the parents are proud of their son or daughter, we all can be equally as proud in recognizing these very deserving students as part of our scholarship program. A list of past scholarship recipients since 1990 is posted on our website.

## **EXPO PRE-SHOW BROCHURE**

Special thanks to all the companies taking ads in our Expo Pre-show brochure. This 24-page brochure will include a list of exhibitors with booth #s, seminar listing, new products, schedule of activities and ads from the following companies.

### **COVER PAGES**

Agilix Solutions  
Eaton Corporation  
Electrical Connection

### **FULL PAGE**

Ameren  
Butler Supply  
Vertiv – Electronic Support Systems

### **HALF PAGE**

Centrex Electrical Supply  
Electrical Representatives Organization (ERO)  
Electro Savings Credit Union  
Federated Insurance  
Frost Supply  
Graybar Electric  
Holt Electrical Supply  
IEC of Greater St. Louis  
Metro Electric Supply

## **IN MEMORIAM**

The Electrical Board officers and staff express our sincere condolences to family of **Robert Schukai**, retired from Union Electric (now Ameren) who passed away on March 3<sup>rd</sup>; and to family of **Karen Randolph** WEB member of Centrex Electrical Supply, who passed away March 9th.

## **CALENDAR OF EVENTS**

See calendar on [www.electricalboard.org](http://www.electricalboard.org)

<b>March 28th</b>	<b>Energy Efficiency Workshop Ameren Missouri Virtual Teams Program 8 am to 12 noon</b>
<b>Mar 30&amp;31 and Apr. 1 (3 Days)</b>	<b>IES Fundamentals of Lighting course at EBMI Office Thurs-Fri 8 am to 5 pm Sat. – 8 am to 12 noon Call EBMI office for Registration form</b>
<b>April 25th</b>	<b>WEB Bosses Night</b>
<b>April 25th</b>	<b>Golf League Starts</b>
<b>April 27<sup>th</sup></b>	<b>Protection of Electrical Systems See flyer included in this FLASH</b>
<b>May 9&amp;10</b>	<b>Emerging Illinois Energy Topics Ameren Illinois Virtual Teams Program 7:30 to 9:30 am</b>
<b>May 17<sup>th</sup></b>	<b>EBMI Night at Cards game 252 tickets Sold</b>
<b>SOLD OUT</b>	<b>Coca-Cola Scoreboard Patio All-Inclusive Area</b>
<b>June 5th</b>	<b>Sportsman’s Holiday at Forest Park Golf Course</b>

## **2023**

## ***SAVE THE DATE***

## **ELECTRICAL EXPO**

**August 23-24, 2023**

**At St. Charles Convention Center**

## **NOV. 30**

## **CHRISTMAS MIXER**

**at St. Charles Convention Center**

Call EBMI at 636-305-6434 for more information or to gain more information on any of our events or visit our website at [www.electricalboard.org](http://www.electricalboard.org). You can also send an email to [annie@electricalboard.org](mailto:annie@electricalboard.org) or [bill@electricalboard.org](mailto:bill@electricalboard.org).

## REPORT OF NOMINATING COMMITTEE

Jeff Wahl, Chair of the 2022-23 Nominating Committee is pleased to report on the nominees for The Electrical Board of Missouri and Illinois' Officers and Board of Directors for 2023-24.

The Nominating Committee consisting of Mike Smith, Jeff Wahl, Bill Kuempel, Phil Wentz and Bill Regan selected and confirmed the following individuals for positions on the Board of Directors.

### 2023-24 Electrical Board Officers nominated

Chairman of the Board – **Tom Bush**  
1<sup>st</sup> Vice Chairman – **Craig Schild**  
2<sup>nd</sup> Vice Chairman – **Bob Mirbaha**  
Treasurer – **Jeff Stoyanov**

### Board members nominated for re-election

Christopher Arb	Mike Kelsch
Steve Dietiker	Warren Kohm
Bruce Erickson	Joe Young

### Leaving the Board this year

Bill Kuempel - Served three years after his Chairman year

### New Nominee to Board of Directors

Greg Coleman is replacing Bob Mirbaha, who moved to an officer position.

### Board members not up for election

Riley Adams  
Joe Burns  
Clark Costello  
Jerry Dorhauer  
Don Ferguson  
Mike Kemper  
John Luth  
Dave Meglio  
Dan Meyer  
Chris Scarbrough  
Kris Steiger

### Last three past Chairs

Phil Wentz - Michael Smith - Jeff Wahl

## POSITION AVAILABLE

### 2123 – ADMINISTRATIVE/SERVICE COORDINATOR SALES SUPPORT

On a daily basis you will interact with our sales team and directly with customers as needed. In general, you will ensure the customer has the proper factory warranty coverage for each of their critical pieces of equipment such as uninterruptible power supplies (UPS), computer room air conditioning (CRAC) units and other forms of power distribution. This equipment is essential to support the customer's critical data processing network. You will assist the customer by generating proposals in conjunction with the sales team for warranty programs and replacement components for both power & thermal equipment.

Please send resume to Morgan Kielhofner at [Mkielhofner@elecsupport.com](mailto:Mkielhofner@elecsupport.com).

### 2223 – ELECTRICAL ENGINEER

Woolpert is seeking an **Electrical Engineer (P.E.)** in Fairview Heights, IL, Oakbrook Terrace, IL, Dayton, OH, or Indianapolis, IN offices. This role is eligible to work a hybrid/remote schedule.

#### **Responsibilities:**

- Directs a specific technical program and provides technical direction for multiple projects of considerable scope and complexity.
- Familiarity with the latest versions of AutoCAD and Microsoft Office Suite. Knowledge of REVIT desired.
- Design of building electrical systems (lighting, power, special systems), technical specifications, and cost estimating. Professional Registration (PE) required.

To Apply, please contact Mike Magnotta at;

[mike.magnotta@woolpert.com](mailto:mike.magnotta@woolpert.com), or apply online to this link:

<https://recruiting.paylocity.com/recruiting/jobs/Apply/1398006/Optimal-Geo-Incorporated/Electrical-Engineer-PE>

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**CONGRATULATIONS TO THE  
EBMI FOUNDATION 2023  
SCHOLARSHIP RECIPIENTS**

**CLAIRE CROOK**

**Kansas State University**

Daughter of Matthew and Deidra Crook  
Matt is with RTM.

**AVERY CUMMINS**

**Cor Jesu Academy**

Daughter of Steve and Rachel Cummins  
Steve is with Bell Electrical Contractors

**ALYSSA GEITHMAN**

**Francis Howell Central**

Daughter of Amber Unverferth and the late  
Jamieson Geithman.  
Amber is with Graybar Electric.

**MONICA KERKEMEYER**

**Lewis and Clark Community College**

Daughter of Andy and Mary Kerkemeyer  
Andy is with Woolpert Inc.

**ABIGAIL LAMB**

**Herculaneum High School**

Daughter of Karen and the late Ryan Moritz  
Karen is with RJP Electric.

**GABRIELLE MATTLI**

**East Central College**

Daughter of Jim and Ellen Mattli  
Jim is with ABB Installation Products.

**ABIGAIL MEYER**

**Christ Our Rock Lutheran High School**

Daughter of Kirk and Karis Meyer  
Kirk is with Woolpert Inc.

**LOGAN RINGSTAFF**

**Notre Dame Regional High School**

Daughter of Robby and Bridget Ringstaff  
Robby is with Cape Electric Supply.

**ALYSSA RODGERS**

**University of Missouri-Columbia**

Daughter of Sam and Ronay Rodgers  
Sam is with Graybar Electric.

**GRACE WILKE**

**Highland High School**

Daughter of Virgil and Suzanne Wilke.  
Virgil is with Archway Electrical Sales.

Each recipient will receive a \$1,500 scholarship and a commemorative plaque. We have scheduled an Awards Banquet for June 14<sup>th</sup> to recognize each of our scholarship recipients.

We encourage EBMI members with a junior currently in high school to email us to see the criteria for the scholarships. You must be a member for one year before applying for scholarships. Next year as a senior, they will be eligible to apply for these \$1,500 scholarships. Students in college are also eligible. Recipients can only receive two scholarships which allows us to recognize more students.

**This is the 34<sup>th</sup> year that the EBMI Foundation has provided scholarships to sons and daughters of EBMI and WEB members.**

**During that time, we have awarded 206 scholarships totaling \$196,400.**

**The EBMI endowment totals \$81,250 and the Michael Postiglione Endowment totals \$38,500.** Each year, we add funds to the EBMI endowment from donations after covering the scholarships. We use some funds from the Michael Postiglione Endowment to cover the scholarship in Mike's memory.

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**LAST CALL**  
**IES Fundamentals of Lighting 3-DAY Course**  
**Thursday, March 30<sup>th</sup> through Saturday, April 1st, 2023**  
**Offering Virtual OR In-Person Option this year\*\***

**Call EBMI Office (636-305-6434) to register prior to March 22<sup>nd</sup>.**

*Thursday and Friday's class will be held from 8:00 a.m.-5:00 p.m. AND Saturday will be held 8:00 a.m.-12:00 noon*

**This Course is approved for 20 PDH; 2 IESNA CEUs, 20 USGBC CEs and 2 AIA LUs with Health, Safety and Welfare (HSW) credit.**

The IESNA St. Louis Section will be offering the New Updated “Fundamentals of Lighting Education Course”. The Fundamentals of Lighting Course is an introductory course covering the basic and most important principles of lighting. Over the three-day course, the following topics will be taught:

1. Lighting Overview, History, Professional Practice, Physics, Vision, Color, Light and Health
2. Electric Light Sources and Auxiliary Devices
3. Daylighting
4. Luminaires
5. Controls
6. Lighting Metrics, Photometry, Calculations and Rendering
7. Codes and Standards, Economics
8. Lighting Design Process and Techniques,
9. Lighting for Interiors
10. Lighting for Exteriors

The Fundamentals of Lighting Course is designed as the ENTRY LEVEL course for those who have little lighting knowledge. The set of 10 instructional lessons is ideal for those who have very basic awareness of lighting and for those who are interested in a refresher course.

**NOTE: A DIGITAL STUDENT MANUAL'S LINK will be emailed to students in advance. YOU will create your profile, then you can download the class manual.**

**FOR IN-PERSON STUDENTS: Optional for each student to print out your own copy of the manual and bring to class OR just view it on your computer during the program. Many choose to print a copy.**

**VIRTUAL STUDENTS: You will need to have more than one monitor if you plan to have the manuals up at the same time as the virtual presentation.**

**Course Costs:** (A digital student manual will be EMAILED to each student as part of the course fee.)

- IES / EBMI Members: \$ 285.00 – if pd by check OR \$294 - 3% added if using credit card
- Non Members: \$ 335.00 -if pd by check OR \$345 – 3% added if using credit card
- College Students: \$ 195.00 -IN-PERSON OR \$201 – 3% added if using credit card

**\*\*The course will be held for those in-person at:**

**EBMI Office, 900 S. Highway Dr.-Ste. 203, Fenton, MO 63026**

*For those attending in-person at EBMI, a continental breakfast is included on all three days and lunch on Thursday and Friday.*

**\*\*Virtual program will be sent a ZOOM LINK in advance.**

Please make sure your computer is equipped with camera AND microphone as your participation is necessary. As stated above, you will need TWO MONITORS only if you plan to have the manual up at the same time as powerpoint presentations are shown OR you can print it out in advance and have with you to follow along during class.

# PROTECTION OF ELECTRICAL SYSTEMS

Date: **Thursday, April 27<sup>th</sup>**

Time: 7:30 am to 4:30 pm

At EBMI Office

900 S. Highway Drive – Ste 203

Fenton, MO 63026

Presented by:

Michael Smith – Vision Electric

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!

**\$125 per person for members of EBMI if made before April 20th; \$175 after this date.**

**\$185 per person for non-members of EBMI before April 20th; \$235 after this date.**

**\*\*Fulfills Jefferson County and City of St. Louis 8 hour education requirements (as long as you attend all sessions)!**

**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.

**\*\*Bring your 2023 code book for reference\*\***

**PLEASE SCAN/EMAIL COMPLETED FORM BELOW TO**

**[annie@electricalboard.org](mailto:annie@electricalboard.org)**

**PRIOR TO APRIL 20TH (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 APRIL 25<sup>th</sup>.**

Name \_\_\_\_\_ email address \_\_\_\_\_

2<sup>nd</sup> Name \_\_\_\_\_ email address \_\_\_\_\_

Company \_\_\_\_\_ Address \_\_\_\_\_

City/State/Zip \_\_\_\_\_ Phone: \_\_\_\_\_

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## **Emerging Illinois Energy Topics** (more info in next FLASH)

### **May 9th and 10th**

Two hours each day – 4 pdh (must attend both days)  
7:30 – 9:30 am - Virtual Teams Platform

#### **May 9th Topics**

- Small Business Energy Performance
  - Electrifying Forklifts
- Luminaire Level Lighting Controls for Larger Facilities

#### **May 10th Topics**

- DER Project Challenges and Interconnection Lessons Learned in Ameren Illinois
  - Vendor segment
  - Ameren Service Manual – Section 1500

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in Parallel with the Ameren Illinois Company Distribution System

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