

September 2021  
Volume 2, Issue 8

# Electric League NewsLine

## 2021 Board of Directors

### Officers

President: **Kelly Hoss**,  
Power Equipment Sales

President-Elect: **Mary Kay Alitz**  
City of Independence

Secretary-Treasurer:  
**Courtney Connor**,  
Board of Public Utilities

Imm. Past President: **Mark Bishop**,  
C&O Sales

### Vice Presidents:

Utilities: **Andy Alexander**,  
Evergy

Contractors: **Carl Privitera, III**,  
Mark One Electric

Distributors: **Steve Holland**,  
Foley Power Group

Agents: **Nolen O'Dowd**,  
CBM, Inc.

Engineers: **Isaac Anderson**,  
Schneider Electric

Manufacturer: **Heather Eslick**,  
ABB

### Directors:

**Ryan Beaver**,  
Eaton

**Scott Croy**,  
Graybar

**Mike Hall**,  
R/B Sales

**Mike Meglio**,  
Meglio Associates

**Electric League of  
Missouri and Kansas**  
10100 N Ambassador Dr.  
Kansas City, MO 64153  
816.561.5323  
[www.electricleague.org](http://www.electricleague.org)



[Click to Register](#)



THURSDAY,  
September 30, 2021

DRUMM FARM  
GOLF COURSE

8:00AM  
CHECK IN,  
DRIVING RANGE

9:00AM  
SHOTGUN

\$500  
PER FOURSOME

## SCHOLARSHIP OPPORTUNITY:

When Registering Online,  
You'll have the Opportunity  
to Donate to the  
Scholarship Fund. 



[REGISTER ONLINE:](#)

BALL  
LAUNCHER  
SHOOT OUT



## PAY OUTS (WOW!)

1<sup>st</sup> & 2<sup>nd</sup> Place  
(5) \$50 Cash Prize Contest Holes  
Skins Game  
Charity Hole & Betting Hole (1/2 the Pot)

## SAFETY MEASURES:

We will be doing our part with safety measures to lessen the COVID-19 spread; including face masks and social distancing *where required*. No Onsite Registration Available, No Money Exchange, Boxed Meal, Shields at Concession Stand and Pro Shop, and Cart Sanitization.

P.O. Box 419264, Kansas City, MO 64141 | 816-561-5323 | [www.electricleague.org](http://www.electricleague.org) | [kweitzel@westerneda.com](mailto:kweitzel@westerneda.com)

## State of the Economy: Here at Home and Nationally

featuring Jordan Rappaport, Senior Economist,  
Federal Reserve Bank of Kansas City

Join Us:

**November 18, 2021**

**2:00pm**

**Virtual Program**



Jordan will provide a look at Covid-19 and the impact it has made on our economy, followed by a longer term perspective on the weak recovery of single-family home construction during the 2010s and the strong outlook for it as hybrid officing expands. This would also include predictions that larger metropolitan areas are likely to benefit most, possibly increasing electricity demand there.

*Jordan Rappaport is a senior economist at the Federal Reserve Bank of Kansas City. He joined the Bank in 1999 following completing his Ph.D. in economics at Harvard University. Jordan also holds a bachelors' degree from Brown University, from which he graduated in 1990. Jordan's research focuses on issues related to local growth. His articles for the Bank's Economic Review primarily focus on U.S. metropolitan area growth and on housing. His empirical research published in peer-reviewed journals has documented the persistence and causes of long run local population growth. His published theoretical research shows that even small costs associated with moving are sufficient to cause high persistence in net population flows and that small productivity and amenity differences can cause very large differences in local population density. Jordan is an associate editor of Regional Science and Urban Economics and the Journal of Regional Science."*

~ SAVE the DATE . . . A MUST ATTEND ~

## Plan Now to Attend EXPO 2021

**SAVE THE DATE**  
**ELECTRIC LEAGUE EXPO 2021**

**ELECTRIC LEAGUE EXPO 2021**  
**NOVEMBER 11**  
Overland Park Convention Center

SPONSORSHIP OPPORTUNITIES

EDUCATION • CEUs • PDHs

BEER GARDEN | PRIZES | & MUCH MORE!

816-561-5323 | [kweitzel@westerneda.com](mailto:kweitzel@westerneda.com)

[www.electricleague.org](http://www.electricleague.org)

# Education Opportunities at the Expo - Registration Open!




**REGISTER ONLINE:**

[www.ElectricLeague.org/Expo](http://www.ElectricLeague.org/Expo)

**NOVEMBER 11, 2021**

**AT A GLANCE . . . Pick & Choose Your Class(es)**

**BALLROOM – A1 ➡**

BALLROOM – A1		BALLROOM – A2	
8:00am - 9:00am	<b>UPS 101</b> <i>Robert Strong, Critical Facilities Technology</i> 1 PDH	8:00am - 10:00am	<b>Welcome to Evergy:</b> <b>2021 Service Standards Update</b> <i>Hayden Maples, Evergy</i> .2 CEU
9:30am - 10:30am	<b>Lithium Ion Battery Technology and Understanding Codes &amp; Standards in Today's Data Centers</b> <i>Steven Boyles, APC</i> 1 PDH	10:30am - 11:30am	<b>Lighting Control 101</b> <i>Dan Oliva, Gibbens Drake Scott</i> 1 PDH
11:00am - 12:00pm	<b>Smart Buildings: Harnessing Digital Technology</b> <i>Jeff Taylor, Schneider Electric/Square D</i> 1 PDH	12:00pm - 1:00pm	<b>LED Dimming Controls: Basic to High Level Solutions</b> <i>Matt Selecman, Convergence</i> 1 PDH
12:30pm - 1:30pm	<b>Surge Protective Devices</b> <i>Mark Cowart, P3</i> 1 PDH	1:30pm - 3:30pm	<b>1 &amp; 2 Family Dwelling (NEC Requirements)</b> <i>Matt Goff and Phil Burke, International Electrical Inspectors</i> .2 CEU
2:00pm - 3:00pm	<b>Considerations for Generator Set Selection</b> <i>Earnest Glaser, Cummins Sales &amp; Service</i> 1 PDH	<div style="text-align: center;">  <b>An Attendee from Each Session will WIN \$50 CASH!</b> </div>	
3:30pm - 4:30pm	<b>Automatic Transfer Switches: Design &amp; Application</b> <i>Daniel Barrios, ASCO</i> 1 PDH		

## UPS 101

*Robert Strong, Critical Facilities Technology*

We will begin with an overview and history of UPS topologies and technology.

Discuss UPS application considerations and sizing requirements for designing new systems; Answering the question of "How much UPS do I need?"

Includes learning about battery selection and Run Time. How to calculate the minimum needed.

Learn about loading, cooling requirements, and replacing existing UPS.

We'll review code compliance considerations.



**8:00am – 9:00am**

**\$10 / 1 PDH**

## Lithium Ion Battery Technology and Understanding Codes & Standards in Today's Data Center

*Steven Boyles, APC*

Lithium Ion batteries are the newest and most intriguing offer for battery systems on UPS in the market today. Offering unmatched performance and resiliency, a life expectancy rivaling flooded wet cells, lithium is an exciting technology. At the end of the presentation, the user will understand performance, footprint, and operational characteristics that make this an exciting and safe alternative to more traditional styles of batteries. Recent Codes and Standards have placed what seem like severe limitations on lithium battery quantities in the data center. This presentation focuses on those standards, taking the confusion out of the language and the listings, and demonstrates solutions that overcome those restrictions placed by the recent standards adoption. At the end of this presentation, the user will understand with much greater clarity the codes and standards in the market affecting lithium batteries.



**9:30am – 10:30am**

**\$10 / 1 PDH**

## Smart Buildings: Harnessing Digital Technology

*Jeff Taylor, Schneider Electric - Square D*

In today's electrical distribution system, more and more components have a digital interface. In this class, we will explore how to COLLECT data at every level. ANALYZE data converting it into meaningful analytics. Enable you to TAKE ACTION through real-time information and business logic. All with a value proposition around safety, reliability, efficiency, sustainability, and connectivity for our customers.



**11:00am – 12:00pm**

**\$10 / 1 PDH**

## Surge Protective Devices

*Mark Cowart, P3*

The National Electric Code continues to evolve towards electrical safety and people protection. There are now a variety of code references to surge protection requirements that are often overlooked in new and existing facility designs and upgrades. As more automation and technology is pushed into the production area, the need for surge protection devices continues to increase. This class will explain the need for surge suppression as it relates to electrical safety and the NEC code. You will learn HOW to apply surge protection, WHEN to apply Surge Protection, and WHERE to apply surge protection devices throughout your electrical system for facility and equipment protection as well as meeting current code requirements.



**12:30pm – 1:30pm**

**\$10 / 1 PDH**



# Education Opportunities at the Expo - Registration Open!



**REGISTER ONLINE:**

[www.ElectricLeague.org/Expo](http://www.ElectricLeague.org/Expo)

**NOVEMBER 11, 2021**

**BALLROOM A2** ➡

## Considerations for Generator Set Selection

*Earnest Glaser, Cummins Sales & Service (Central Region)*

This presentation's focus is an introduction into selecting generators, load attributes, and what goes into sizing generators. Many people don't realize the complexity of sizing generators. The presentation looks at both linear types of loads (induction motor, compressors pumps, etc.) and non-linear types of load (VFDs, UPSs, LED Lighting, etc.).



**2:00pm – 3:00pm \$10 / 1 PDH**

## Automatic Transfer Switches: Design & Application

*Daniel Barrios, ASCO*

In this class, we will discuss ATS Construction – How does it work, What are the Transition modes: Open, Closed, Delayed and Soft Load – When to Specify, Withstand and Close ON Rating, and National Electrical Code updates.



**3:30pm – 4:30pm \$10 / 1 PDH**

## Welcome To Evergy: 2021 Service Standards

*Hayden Maples, Evergy*

Evergy is the result of a merger between Kansas City Power & Light and Westar Energy. One of the tasks associated with that merger was consolidating to a single Electric Service Standards book. This class will review the process for that combination, some of the key decision points, and how the document has evolved since the initial release. The discussion will also cover the highlights of the entire book to help everyone feel more comfortable with the direction of the combined company and standards.



**8:00am – 10:00am \$20 / .2 CEU**

## Lighting Controls: Basics from A-Z

*Dan Oliva, Gibbens Drake Scott*

The class will be an overview of many of the significant lighting controls topics that are affecting the electrical industry. The discussion will include a basic overview of code requirements, definitions, system components, cost reduction strategies, BMS integration and Division 25 integration.



**10:30am – 11:30am \$10 / 1 PDH**

## LED Dimming Controls: Basic to High Level Solutions

*Matt Selecman, Convergence*

Lighting Controls are dramatically different today. Learn about the benefits of potential energy savings, lamp life, and creating ambiance. We will discuss advances in LED dimming performance, benefits of wireless technology, retrofits in existing buildings and design approach to new facilities.



**12:00pm – 1:00pm \$10 / 1 PDH**

## 1 & 2 Family Dwelling (NEC Requirements)

*Matt Goff & Phil Burke, International Association Electrical Inspectors*

IAEI One and Two-Family Electrical Systems explains the design, installation and inspection of electrical systems in new and existing one and two-family dwellings based on the 2017 National Electrical Code® (NEC). The presentation covers the subject in detail with photos and diagrams as it pertains to the appropriate residential sections of the 2017 NEC. Attendees will be able to: Define GFCI, Identify all GFCI required location, Define AFCI, Identify all AFCI required locations, Discuss AFCI exceptions with Fire Alarm Systems, Discuss AFCI and Existing Conditions and Modifications, Define Tamper-Resistant Receptacles, Identify all TR Receptacle locations, Define Branch Circuit, Branch circuits and feeders and their wiring methods including overcurrent protection, General lighting circuits, small appliance branch circuits, receptacle spacing, etc., Location requirements for luminaires, receptacles, and switches.



**1:30pm – 3:30pm \$20 / .2 CEU**

[Click to Register](#)



# SPORTING CLAY SHOOTING EVENT



**DATE:** Thursday, October 14, 2021

**LOCATION:** Powder Creek Shooting Park  
8601 Monticello Road, Lenexa, Kansas 66227

**SCHEDULE:** 11:00am – Check-In / Boxed Lunch / Practice Round  
12:00pm – Safety Orientation  
12:30pm – Clay Shoot  
3:00pm – Beverages & Awards (Top Team and Top Shooter)

**COST:** \$75.00 per person (\$375 per team)  
Included: 100 Sporting Clays on 12 station course, Practice Targets, Snacks on the Course, Boxed Lunch, Beer/Soda during awards, prizes to the top team and top shooter  
***NOT Included: Ammunition, Eye Protection or Ear Protection.***  
***(NOTE: Due to ammo shortage; the facility might not have supplies on hand. BRING YOUR OWN AMMO)***

**CART RENTAL (PRE-ORDER):** \$75.00 per 4-man cart (limited: 4 carts available);  
\$100 per 6-man cart (limited: 1 cart available).

**FORMAT:** Five-man teams

## NEED TO KNOW:

- ⊕ Course Length: 1.3 miles.
- ⊕ Cart shuttles will be provided at two lengthy stretches on course.
- ⊕ **You can bring your own golf cart/mule or pre-rent, as stated above (5 carts available) - if needed.**
- ⊕ Bring your own gun. No pistols or rifles allowed.
- ⊕ You can share guns with your teammates (make these arrangements in advance).
- ⊕ Ammunition: target loads only.
- ⊕ Shot size: 7 ½ & 8 only. Reloads are allowed.
- ⊕ You must wear protective shooting glasses and ear protection at all time on the course.
- ⊕ Practice Range available during registration. Cost **included** in registration fee.
- ⊕ No alcohol prior to shooting.
- ⊕ **Event is Rain or Shine.**

**SPONSORSHIP OPPORTUNITIES** – Available.

## SAFETY MEASURES:

We will be doing our part with safety measures to lessen the COVID-19 spread; including face masks and social distancing where required. No Onsite Registration Available, No Money Exchange, Boxed Meal, Pre-Packaged Snacks, Cart Sanitization (if rented).

**REGISTER ONLINE:**

<https://web.electricleague.org/events/Clay-Shooting-Event-1052/details>

Electric League of MO & KS | P.O. Box 419264 | Kansas City, MO 64141  
816-561-5323/phone | [www.electricleague.org](http://www.electricleague.org) | [kweitzel@westerneda.com](mailto:kweitzel@westerneda.com)

The Electric League welcomed 34 players to the bowling event, held on Thursday, August 23, at AMF College Lanes in Overland Park, Kansas.

The game was a 9-pin/no-tap; with **Capital Electric Construction:**

- Arturo Garcia,
- Larry Santoya,
- Michael Moriarty Jr.,
- and Stephanie Garcia

taking home the prize money with a combined top score of three games played. Congrats!

We look forward to seeing more of you in 2022!



## BOWLING EVENT - RECAP



**Stay Up-To-Date on All League Activities With a New Text Messaging Program. Sign up Today!**

**TEXT  
ELECTRIC  
to 71441**

to sign-up for Electric League of MO & KS chapter updates.





## People Column

### Best Birthday Greetings to:

- **Zach Schneider, Lara Jorge, and Maria Rosado** at Kansas City Electrical Supply.
- **Mark Bishop, Beth Beseau, Richard Meek, Mike Calliotte, and Rhonda Price** at C&O Sales.
- **Robert Crosby, Vic Sims, and Alex Copeland** at Crescent Electric Supply.

### Happy Anniversary and Congratulations to:

- **Ida Edmisten** (22 years), **Darel Snider** (26 years), **Anthony Kratke** (8 years) and **Cam Barnes** (2 years) at Crescent Electric Supply.
- **Stephanie Gannon** (2 years), **Maria Rosado** (4 years), **Deren Creek** (1 year), **Steve McMahon** (26 years), **Glen Siefkas** (30 years), **Ieshia Mayes** (4 years), and **Jennifer Jones** (19 years) at Kansas City Electrical Supply.

C&O Sales congratulates **Kathy Short** on her retirement after 15 years of great service!

C&O Sales welcomes aboard **Beth Beseau!**



Hope y'all enjoy the beautiful Fall weather. Thank you for your help...keep your emails coming in. This is YOUR column, and, we want to print YOUR news!



## You Hold the Keys

Confidently place people behind the wheel of your company vehicles with the help of driver screening tools and risk management resources.

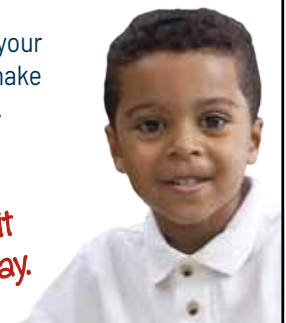
It's Our Business to Protect Yours  
**FEDERATED**  
INSURANCE



Learn how to help your company drivers make it home safe today.

[Learn More](#)

*Please make it home safe today.*



**Commercial Insurance**  
Property & Casualty | Life & Disability Income  
Workers Compensation | Bonding  
Business Succession and Estate Planning

**Federated Mutual Insurance Company and its subsidiaries\***  
federatedinsurance.com

21.01 Ed. 12/20 | \*Not licensed in all states.  
© 2019 Federated Mutual Insurance Company





<u>DATE</u>	<u>EVENT</u>	<u>LOCATION</u>
September 30	Fall Golf Tournament	Drumm Farm GC
October 14	Clay Shooting Event	Powder Creek
November 11	Electric League Expo	Overland Park CC
November 18	State of the Economy Here at Home and Nationally	Virtual Program
December 10	Holiday Luncheon	Argosy Casino

[www.electricleague.org](http://www.electricleague.org)



<https://cliffordpower.com>



[www.edisoncu.com](http://www.edisoncu.com)



[www.foleypowersolutions.com](http://www.foleypowersolutions.com)



*John McDermott Scholarship  
Awarded to:*

**MACKENZIE MASTERS**

(Granddaughter of Terry Masters, Bernie Electric)

**Additional Scholarships Awarded to:**

**THANE JOHNSON**  
(Son of Todd Johnson, CBM)

**WILLIAM NOLKE**  
(Son of Joseph Nolte, ECA)

**CATHERINE RIEKE**  
(Granddaughter of John Marietti, CBM, Inc.)



# Our Sponsors

## 2021

### PLATINUM PARTNERS



### GOLD PARTNERS



### SILVER PARTNERS



### BRONZE PARTNERS

