



# **THE WIRE**

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## **MARCH 2025**

### **The Presidents' Letter**

February was a very busy month for the ECHL. We held a continuing education class for electrical contractor license renewal on February 8<sup>th</sup> at the IBEW. I would like to thank Business Manager Ed Devine for making a room available since we were not able to hold the class at the Elks Lodge. There were 18 people in attendance. We had four excellent speakers discussing website design, availability of electrical materials, insurance coverage, and artificial intelligence. It was the best contractor class in recent memory.

At the general membership meeting on February 10<sup>th</sup>, there was an election of officers for 2025. The list of nominees was in the February Wire. No other nominees were presented at the meeting.

After the election, there were updates given on House Bill 29 and House Bill 54. These reports generated a lot of good discussion on matters impacting the electrical industry by outside organizations.

Following these reports, Metro Inspector Norb Thorpe and myself discussed the sections of the 2023 National Electrical Code that are being delayed from enforcement. This discussion led to many questions and comments from the members. I would like to thank Norb for stepping in cold to help facilitate the presentation. Because it went over so well, we will probably continue this presentation for the March 10<sup>th</sup> meeting.

We had 42 members present. Congratulations to David Witten for winning \$50 from the 50/50 drawing.

Beginning July 15, 2024 any license renewals for contractor, master, or electrician licenses will be for two years. With this next renewal, you will pay a fee for two years. When you renew again two years later, you will be required to have 12 hours of continuing education for each license that is being renewed and will pay a fee for two years. Call the department at (502) 573-2002 with any questions.

The Sponsorship Form is on the website. If you know of any company that may be interested in becoming a sponsor, please print off the form and give it out to any

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### **MARCH 10, 2025 Code Program**

**Sign-in 6:30 P.M. - Program at 7:00 P.M.  
ELKS LODGE # 8 - 2824 KLONDIKE LN -**

The program for March will be a continuation of the December, Code Updates. The presentation will be presented by Dennis Steier and cover the Code Sections that are being enforced January 1, 2025.

Dennis will also touch some of the Code Articles that are being delayed. This presentation will be a review/ comparison of each section of the Code updates from 2017 to present.

Feel free to participate by asking questions and voicing your concerns.

Bring a friend and enjoy the program.

Dennis Steier will also go over the Code Questions from the March 2025 Wire.

See you Monday Evening, March 10, 2025, at 6:30pm.

### **LG&E NEWS**

**Hook up delays**

Louisville Gas & Electric Company is committed to giving the customer the best experience possible in providing service to their project. One of the problems that continually hinder our ability to connect underground services in a timely manner is obstructions preventing access to the pad mount transformer and/or splice box. The crews often arrive to discover debris such as dirt, rocks or discarded building material piled up blocking the area needed to connect the service. When you know service is about to be connected, make sure the area is clear and free of any hazards. We will not move any of the objects. Also make sure there is no silt fencing in the way as well. Our crew will not be able to return the same day to connect the service. This means a several day delay in returning.

**Submitted by Joel McCauley  
Team Leader Electric Design Svcs  
LG&E and KU Energy LLC**

### MARCH Code Questions

- 1) A run of Flexible Metal Conduit is required to be fastened in place by an approved means within \_\_\_\_\_ of a conduit termination?

A 18" B 24" C 12" D 6"

- 2) You have 6 number 12 THHN in a conduit installed in an ambient temperature of 130°C with a 75°C rated conductor, what is the allowable ampacity of the conductor?

A 21a B 25a C 20a D 23a

- 3) If you have a Cable Tray marked NEMA 20C and you would need to support this tray every \_\_\_\_\_ to carry 100lbs a foot?

A 12' B 25' C 20' D 10'

- 4) Can a branch circuit serving a patient's bed receptacle in a general care area of a hospital be supplied by a multi-wire branch circuit?

A Yes B No

- 5) When calculating a single motor for a Crane or Hoist what percentage of the name plate should you use?

A 100 B 125 C 175 D 150

- 6) Does Article 408 that covers Switchboard and Panelboards apply to 600 volts rated and above?

A Yes B No

### Code Corner

Article 240  
Overcurrent Protection  
Submitted by Dennis Steier

Article 240 has several new sections that you need to be aware of that could affect whether you are following the 2033 NEC. These changes were elsewhere in the CODE and CMP-10 thought that it should apply to all services as well.

The first new section is **240.11 Selective Coordination**. I have written an article about this before in *The Wire*, it was required in **Article 517 Health Care Facilities**, Selective Coordination is where you coordinate your overcurrent protective device so a downstream device would short out and does not trip any upstream devices. 240.11 states, *If, one or more feeder's overcurrent protective devices are required to be selectively coordinated with a service overcurrent protective device by other requirements in this Code, all feeder overcurrent protective devices supplied directly by the service overcurrent device shall be selectively coordinated with the service overcurrent protective device.*

The other new section that was added to Article 240 is another thing I have written about in a past *Wire*. **240.16 Interrupting rating**. This goes back to **Section 110.9** which is also titled **Interrupting rating**, this section requires you to have an overcurrent protective device with at least equal to the available fault current at the line terminals of the equipment. The minimum interrupting rating of at least 5,000amps. Remember I have heard me say many times circuit breakers have no rejection feature, so when replacing a breaker, it is important to look at the AIC rating of that breaker.

*Submitted by Dennis Steier*

### **Top Three Code Violations Louisville Metro Inspections MARCH 2025**

**These violations are costing you time and money.**

1. **NEC Article # 230.28 Service Masts as Supports**

Only power service-drop or overhead service conductors shall be permitted to be attached to a service mast. Service masts used for the support of service-drop or overhead service conductors shall be installed in accordance with 230.28(A) and (B).

2. **NEC Article # 230.10 Vegetation as Support.**

Vegetation such as trees shall not be used for support of overhead service conductors or service equipment.

3. **NEC Article # 110.3(B) Installation and Use.**

Listed or labeled equipment shall be installed and used in accordance with any instructions included in the listing or labeling.

We hope this will help save you time and money on inspection fees by reviewing the articles and making sure you have not violated the code before calling for the initial inspection.

***Submitted by Arnold Hornback  
Assistant Chief Electrical Inspector  
Louisville Metro - Dept of Codes and Regulations***

### ***Presidents' Letter Cont'd***

prospective sponsor. The cost for a company or organization to become a sponsor is \$100.

Our next general membership meeting is scheduled for Monday March 10, 2025 at the Elks Lodge located at 2824 Klondike Lane. The meeting starts at 7:00 pm with sign-ins beginning at 6:30 pm.

Hope to see you there.

***As Always Stay Safe and Work Safe  
Steve Willinghurst  
ECHL President***

### **2025 NOMINATING COMMITTEE SLATE OF OFFICERS AND BOARD MEMBERS**

Here is the Slate of Officers that was presented and voted on at our February 10, 2025, General Membership meeting.

This is our 2025 Officers.

President	Steve Willinghurst (Louisville JATC /IBEW/ Retired)
1st V Pres	David True (NECA/Henderson Services/ Retired)
2nd V Pres	Bruce Stansbury (Stansbury Electric Co/ ABC)
Secretary	Marilyn Boudreaux (LG&E/Retired)
Treasurer	Alan Akin (Arrow Electric/Retired)
Contractor	Kurt R. Wagner (Amteck)
Contractor	Mark Yates (Yates Electric)
Contractor Rep	Josh Quinn (Representing NECA)
Industrial Elect.	Jerry Curry (Ford-KTP/Retired)
Elect. Insp	Arnold Hornback (Louis Metro)
Elect. Insp	Norb Thorpe (Louis Metro)
Manufacturer	Dennis Steier (Manufacturer Rep/ Consultant/KY Chapter IAEI Rep)
LG&E Utility	Jamie Archer (LG&E)
LG&E Utility	Joel McCauley (LG&E)

We are always looking for new/fresh Board Members. If you take an interest in all aspects of the Electrical Industry and would like to play a role in its future, our Board offers you that opportunity. If you would like to be a part of the ECHL Board of Directors, please let one of the staff members know.

Thank you in advance for your interest.

### **Mark you calendars - CEU Renewals!**

Our General Membership meetings are held at the Elks Lodge located at 2824 Klondike Lane. The meeting starts at 7:00 pm with sign-ins beginning at 6:30 pm. You can obtain 1.5 CEU Hours toward your Master Electrician License.

### **Upcoming ECHL General Membership Meeting Dates**

**March 10, 2025**

**April 14, 2025**

**May 12, 2025**

### **Summer Break (June, July & August)**

**September 8, 2025**

**October 13, 2025**

**November 10, 2025**

**December 8, 2025**

Applications for membership can be obtained from our website: [www.ECHLKY.com](http://www.ECHLKY.com)

Please encourage your employees to join us at the General membership meetings. It's a great place to network with the electrical industry. We have a very diverse set of members, large contractors, small contractors, individual electricians, inspectors, Utility (LG&E), etc. Come and join us and receive 1.5 hours continuing education at the same time.

We hold our meeting the second Monday of each month, except for the summer months. Our Meetings start at 7:00, with sign-ins starting at 6:30 pm.

It's a full 1.5 hours of knowledge on the code, upcoming code changes, and upcoming changes from Frankfort regarding license and code.

Hope to see you there.