

## Credit Information

These webinars are open to the public and are designed to qualify for 2.0 PDHs for professional engineers and 2.0 HSW continuing education hours for licensed architects in all states that allow this learning method. Please refer to specific state rules to determine eligibility.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider License No: CEA362), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700) and North Carolina (S-0130). HalfMoon Education is deemed an approved continuing education sponsor for New York engineers and architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2) and §69.6(i)(2)). Other states do not preapprove continuing education providers or courses.

The American Institute of Architects Continuing Education System has approved each of these courses for 2.0 HSW Learning Units (Sponsor No. J885). Only full participation is reportable to the AIA CES.

The International Code Council has approved these events for .2 CEUs in the specialty area of Electrical (Preferred Provider No. 1232).

Attendance will be monitored, and attendance certificates will be available after the webinar for those who attend the entire course and score a minimum 80% on the quiz that follows the course (multiple attempts allowed).

### On-Demand Credits

The preceding credit information only applies to the live presentations. These courses in an on-demand format may not be eligible for the same credits as the live presentation; please consult your licensing board(s) to ensure that a structured, asynchronous learning format is appropriate. The following pre-approvals may be available for the on-demand format upon request:

3.0 HSW LUs (AIA)

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## National Electrical Code 2023 Webinars

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## Live, Interactive Webinars

### Building Power System Short Circuit Analysis and Overcurrent Protection Coordination Based on NEC 2023

- Online | Monday, May 6, 2024 | 12:00 - 2:00 pm CDT

### Building Electrical System Design Based on NEC 2023

- Online | Monday, May 13, 2024 | 12:00 - 2:00 pm CDT

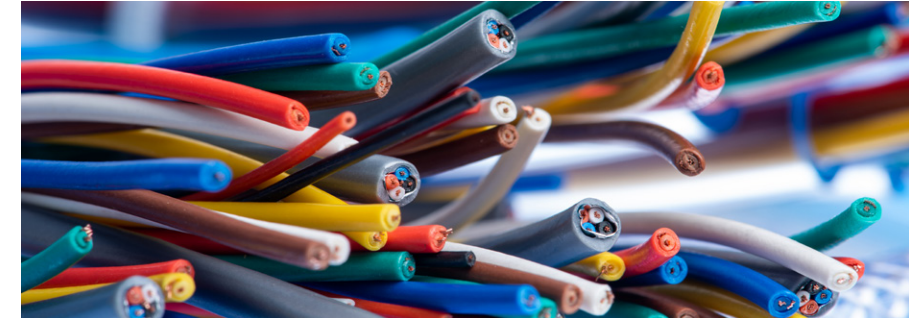
### Building Power System Grounding and Bonding Based on NEC 2023

- Online | Monday, May 20, 2024 | 12:00 - 2:00 pm CDT

**Special Offer:** Register for all three for only \$299 by using coupon code **NEC2023** at checkout online.



## HalfMoon Education Live Webinars



### Building Power System Short Circuit Analysis and Overcurrent Protection Coordination Based on NEC 2023

Online | Monday, May 6, 2024 | 12:00 - 2:00 pm CDT

Credits: Professional Engineers: 2.0 PDHs

Architects: 2.0 HSW CE Hours | AIA: 2.0 LU | HSW

International Code Council: .2 CEUs (Electrical)

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To register, visit us online at

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Online | Monday, May 6, 2024 | 12:00 - 2:00 pm CDT

Tuition: \$109 per registrant

Credits: Professional Engineers: 2.0 PDHs | Architects: 2.0 HSW CE Hours  
AIA: 2.0 LU | HSW | International Code Council: .2 CEUs (Electrical)

- Agenda:
- Electrical Equipment NEC 2023 Requirements**
- Available fault current
  - Short circuit current rating
  - Interrupting rating
  - Arc flash hazard
  - Selective coordination

- Power System Analysis Case Study Using SKM-PTW Software**
- Short circuit analysis
  - Arc flash analysis
  - Overcurrent protection device coordination

24 SWBPSSCA 5 6 WEBR LH

# Building Electrical System Design Based on NEC 2023

Online | Monday, May 13, 2024 | 12:00 - 2:00 pm CDT

Tuition: \$109 per registrant

Credits: Professional Engineers: 2.0 PDHs | Architects: 2.0 HSW CE Hours  
AIA: 2.0 LU | HSW | International Code Council: .2 CEUs (Electrical)

- Agenda:
- Electrical Load Calculation**
- Utility transformer and generator
  - Service equipment and service entrance conductor
  - Distribution equipment and feeders
  - Electrical loads and branch circuits
  - Electrical rooms and IDF rooms

- Electrical System Design Case Study**
- Power riser and electrical site
  - Power plans and electrical rooms
  - Lighting plans and lighting control
  - Mechanical and plumbing equipment schedules
  - Switchgear and panel schedule

24 SWBELCSD 5 13 WEBR LH

# Building Power System Grounding and Bonding Based on NEC 2023

Online | Monday, May 20, 2024 | 12:00 - 2:00 pm CDT

Tuition: \$109 per registrant

Credits: Professional Engineers: 2.0 PDHs | Architects: 2.0 HSW CE Hours  
AIA: 2.0 LU | HSW | International Code Council: .2 CEUs (Electrical)

- Agenda:
- Grounding and Bonding NEC 2023 Requirements**
- Electrical service grounding and bonding
  - Separately derived system grounding and bonding
  - Equipment grounding and bonding
  - Grounding electrodes
  - Grounding and bonding conductors
  - Grounding and bonding separate building
  - Grounding and bonding over 1000V
  - Grounding and bonding DC system
  - Grounding and bonding project case study

24 SWBPSGAB 5 20 WEBR LH

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## Faculty

**Chad Kurdi** *Electrical Engineering Discipline Lead, Partner at BKV Group*  
Mr. Kurdi has been serving the electrical industry for over 30 years as an engineer, electrician & trainer. Mr. Kurdi has engineered (design, specify and analyze) government buildings (police stations, sheriff's offices, fire stations, city halls, court houses, libraries, and jails), housing buildings (affordable, senior, assistant, memory care, adaptable use and student), hospitals, data centers, sport arenas, commercial office buildings, water/wastewater treatment plants and electric utility distribution and substations. Mr. Kurdi's electrician experience includes estimating, laying out, wiring, installing and maintaining electrical systems for residential and commercial buildings. He has developed and taught thousands of seminar hours over the years at Dunwoody College of Technology, Minnesota Electrical Association, IEEE and others. The seminars include NEC Code, electrician's exam, MV system, electrical wiring, apprenticeship, estimation, electrical design, Revit MEP, and project management. Mr. Kurdi holds a bachelor of science degree in Electrical Engineering and a master's degree in Adult Education. He is a registered electrical engineer (PE) in 37 states. He holds a Class A master electrician license from the State of Minnesota. Currently, Mr. Kurdi is a senior electrical engineer and department head at BKV Group (A&E firm with offices in Chicago, Dallas, DC and Minneapolis). Mr. Kurdi served as NCEL board member (Jan 2021 – present), IAEI MN Chapter president (Jan 2018 - Jan 2023), chair of IEEE Twin Cities PES/IAS (Aug 2019 - Jan 2023), Minnesota State Board of Electricity member (Jan 2018 - Jan 2020).

## Additional Learning

**Electrifying Existing Homes: Installation, Commissioning, and Customer Education**  
- Thursday, April 4, 2024 | 10:00 am - 12:00 pm CDT

**National Electrical Code 2023**  
- Wednesday, April 10, 2024 | 8:30 am - 5:00 pm CDT

**Air-Source Heat Pumps for Residential and Small Commercial Buildings**  
- Thursday, April 11, 2024 | 9:00 am - 5:00 pm CDT

**Special Inspections under Chapter 17 of the International Building Code**  
- Wednesday, April 17, 2024 | 8:30 am - 4:20 pm CDT

**High-Performance, All-Electric HVAC: Air-to-Air and Air-to-Water Heat Pumps**  
- Thursday, April 18, 2024 | 1:00 - 4:00 pm CDT

**Handling Ethical Issues in Professional Engineering Practice**  
- Friday, April 19, 2024 | 1:00 - 2:00 pm CDT

For more information and other online learning opportunities visit:  
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