

**LOG OF MEETING
OFFICE OF HAZARD IDENTIFICATION AND REDUCTION**

SUBJECT: National Electrical Code, Code-Making Panel (CMP) 2 Second Draft Meetings to review public comment on first revisions of Articles 210, 220 and Annex D.

DATE OF MEETING: October 18-22, 2021

PLACE OF MEETING: Virtual Meeting

LOG ENTRY SOURCE: Doug Lee, Office of Hazard Identification and Reduction (EXHR)

COMMISSION ATTENDEES: Doug Lee, EXHR

NON-COMMISSION ATTENDEES:

David Humphrey, International Association of Electrical Inspectors (IAEI), Panel 2 Chair
Charles Boynton, American Chemistry Council (ACC)
Michael Weaver, M&W Electric, NECA
John McCamish, Int'l Brotherhood of Electrical Workers (IBEW), TG 2 Chair
Brian Rock, Hubbell, NEMA
Dan Buuck, National Association of Home Builders (NAHB)
Christopher Pavese, Duke Energy Electric Light and Power Group/EEI
Alan Manche, Schneider Electric, TG 3 Chair
Brett Larsen, Schneider Electric
Thomas Domitrovich, Eaton Corporation, NEMA, TG 1 Chair
David Johnson, Independent Electrical Contractors (IEC)
Nehad El-Sherif, MNKYBR Technologies, IEEE
Steve Campolo, Leviton
Tom Harman, University of Houston
Jeff Sargent, NFPA Staff Liaison
Robert Osborne, UL LLC, TG 4 Chair
Fred Reyes, UL LLC

And other CMP 2 members and guests (see NFPA link below)

SUMMARY OF MEETING:

CMP 2 met and discussed over 150 public comments on the first draft revisions for the 2023 edition of the *National Electrical Code (NEC)*, Articles 210, 220 and Annex D, Examples D1 through D6. The topics covered include branch-circuits; branch-circuit, feeder, and service calculations; and Annex D and Examples. CMP 2 used task group recommendations from pre-CMP task group meetings in September and October for the initial motions at the Second Draft meeting. These discussions and voting at the CMP meeting were used to develop revisions for formal balloting.

CPSC staff participated in discussions continuing to support the CMP 2 expansion of ground-fault circuit-interrupters (GFCIs) to reduce electrical shock and electrocution hazards and the use of arc-fault circuit-interrupters (AFCIs) to mitigate the effects of arcing hazards that cause fires in electrical wiring and power cords. Expansion of AFCI technology was limited to garages and bathrooms at this time due to some concern in addressing reports of unwanted tripping. CPSC staff supported the delayed effective dates proposed for some GFCI and AFCI requirements to allow for some product and standards to address concerns with leakage or unwanted tripping tests.

CPSC staff also participated in discussions on the comment that staff had submitted to remove the allowance for receptacles to be installed below a countertop surface. Due to staff's support for the comment, the panel removed the requirement for minimum number of receptacles and added a requirement to provide power in the island in a junction box for future receptacles.

Ballots during the meeting are provisional until the final balloting is conducted electronically in January of 2022. Public comments that were rejected by CMP 2 during the meeting are final and are not balloted. The 2023 edition of the NEC will be adopted by the standards committee in June of 2022. Details of the meeting and balloting will be updated on the NFPA website as completed (<https://www.nfpa.org/codes-and-standards/all-codes-and-standards/list-of-codes-and-standards/detail?code=70&tab=nextedition>).