



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:**
1. Only a **TYPED** copy will be accepted.
 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
 3. Use a second sheet for any material requiring more space.
 4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY		
Received 03/26/24 9:15 AM	Code	Proposal number 254

Code title Electrical Codes		Edition
Section number and title 90.2; Scope		Page number
Proponent Charlie Eldridge	Representing (if applicable) Consultant for AES Indiana (Indianapolis Power & Light Company)	
Address (number and street, city, state, and ZIP code) 551 Grassy Ln., Indianapolis, IN 46217		Telephone number ((317) 370-3444

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

(C) Installations Covered.

This Code covers the installation and removal of electrical conductors, equipment, and raceways; signaling and communications conductors, equipment, and raceways; and optical fiber cables ++within or on Class 1 and Class 2 structures, including industrialized building systems, and other premises wiring covered by rules of the Commission in this title++ for the following:

- (1) Public and private premises, including buildings, structures, mobile homes, recreational vehicles, and floating buildings
- (2) Yards, lots, parking lots, carnivals, and industrial substations
- (3) Installations of conductors and equipment that connect to the supply of electricity
- (4) Installations used by the electric utility, such as office buildings, warehouses, garages, machine shops, and recreational buildings, that are not an integral part of a generating plant, substation, or control center
- (5) Installations supplying shore power to ships and watercraft in marinas and boatyards, including monitoring of leakage current
- (6) Installations used to export electric power from vehicles to premises wiring or for bidirectional current flow

++Class 1 and Class 2 structures covered by the Indiana Residential Code shall be made to comply with the provisions of this code, or the electrical provisions of the Indiana Residential Code (675 IAC 14).++

(D) Installations Not Covered.

This Code does not cover the following:

- (1) Installations in ships, watercraft other than floating buildings ++that are [the word "not" has been removed] Class 1 or Class 2 structures++, railway rolling stock, aircraft, or automotive vehicles other than mobile homes and recreational vehicles

~~Informational Note: Although the scope of this Code indicates that the Code does not cover installations in ships, portions of this Code are incorporated by reference into Title 46, Code of Federal Regulations, Parts 110-113.~~

REASON STATEMENT AND FISCAL IMPACT

~~(2) Installations (C) of the 2009 Indiana Electrical Code as it applies to the installation of electrical trailing cable~~

~~(3) Installations (D) (1) of the 2009 Indiana Electrical Code as it applies to the installation of electrical trailing cable~~

~~(4) Installations (D) (1) of the 2009 Indiana Electrical Code as it applies to the installation of electrical trailing cable~~

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~~++(5) Installations, including associated lighting under the exclusive control of electric utilities for the purpose of communication, or metering, or for the generation, control, transformation, transmission, and distribution of electric energy located in buildings used exclusively by utilities for such pur~~

Approve as amended

Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



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FOR OFFICE USE ONLY

Received 03/26/24 9:37 AM	Code	Proposal number 255
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Code title Electrical Codes		Edition
Section number and title 90.2; Scope, Replace (5) and add (6)		Page number
Proponent Charlie Eldridge	Representing (if applicable) Consultant for AES Indiana (Indianapolis Power & Light Company)	
Address (number and street, city, state, and ZIP code) 551 Grassy Ln., Indianapolis, IN 46217		Telephone number ((317) 370-3444

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
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 Delete without substitution

++(5) Installations, including associated lighting under the exclusive control of electric utilities for the purpose of communication, or metering; or for the generation, control, transformation, transmission, and distribution of electric energy located in buildings used exclusively by utilities for such purposes or located outdoors on property owned or leased by the utility or on public highways, streets, roads, etc., or outdoors on private property by established rights such as easements.

(6) Installations of electrical wiring, equipment, and devices, factory installed in manufactured homes under the authority of the U.S. Department of Housing and Urban Development (HUD).++

REASON STATEMENT AND FISCAL IMPACT

(5) was truncated by Smartsheet and (6) was not included.

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



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FOR OFFICE USE ONLY

Received 03/26/24 9:47 AM	Code	Proposal number 256
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Code title Electrical Codes		Edition
Section number and title 90.4; Enforcement		Page number
Proponent Charlie Eldridge	Representing (if applicable) Consultant for AES Indiana (Indianapolis Power & Light Company)	
Address (number and street, city, state, and ZIP code) 551 Grassy Ln., Indianapolis, IN 46217		Telephone number ((317) 370-3444

PROPOSED CODE CHANGE (check one)

- Change to read as follows
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 Delete without substitution

Replace the entirety of 90.4 as follows:

++Requirements covering enforcement, granting of variances, and approval of alternate methods or materials are covered in Indiana statutes and 675 IAC 12, the General Administrative Rules of the commission.++

REASON STATEMENT AND FISCAL IMPACT

This is required to refer persons to the correct location to find the authorities having jurisdiction. This is also being brought forward from the 2009 Indiana Electrical Code.

Fiscal impact: \$0.00

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



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FOR OFFICE USE ONLY

Received 03/26/24 9:51 AM	Code	Proposal number 257
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Code title Electrical Codes		Edition
Section number and title Section 90.6; Formal Interpretations		Page number
Proponent Charlie Eldridge	Representing (if applicable) Consultant for AES Indiana (Indianapolis Power & Light Company)	
Address (number and street, city, state, and ZIP code) 551 Grassy Ln., Indianapolis, IN 46217		Telephone number ((317) 370-3444

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

Delete in its entirety without substitution.

REASON STATEMENT AND FISCAL IMPACT

The Fire Prevention and Building Safety Commission is the only entity that can grant a variance to any Indiana Electrical Code rule. This is also being brought forward from the 2009 Indiana Electrical Code.

Fiscal impact: \$0.00

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



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FOR OFFICE USE ONLY

Received 03/26/24 9:57 AM	Code	Proposal number 258
-------------------------------------	------	-------------------------------

Code title Electrical Codes		Edition
Section number and title 90.8 - Wiring Planning		Page number
Proponent Charlie Eldridge	Representing (if applicable) Consultant for AES Indiana (Indianapolis Power & Light Company)	
Address (number and street, city, state, and ZIP code) 551 Grassy Ln., Indianapolis, IN 46217		Telephone number ((317) 370-3444

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

Delete in its entirety without substitution.

REASON STATEMENT AND FISCAL IMPACT

The Indiana Electrical Code does not legislate for the future. This is also being brought forward from the 2009 Indiana Electrical Code.

Fiscal impact: \$0.00

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



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FOR OFFICE USE ONLY

Received 03/26/24 10:11 AM	Code	Proposal number 259
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Code title Electrical Codes		Edition
Section number and title Article 100; Definitions		Page number
Proponent Charlie Eldridge	Representing (if applicable) Consultant for AES Indiana (Indianapolis Power & Light Company)	
Address (number and street, city, state, and ZIP code) 551 Grassy Ln., Indianapolis, IN 46217		Telephone number ((317) 370-3444

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

(a) In Part I of Article 100, delete the text of the definition of APPROVED and substitute to read as follows:

APPROVED. Acceptance by the AUTHORITY HAVING JURISDICTION by one of the following methods:

- (1) investigation or tests conducted by recognized authorities; or
- (2) investigation or tests conducted by technical or scientific organizations; or
- (3) accepted principles.

The investigation, tests, or principles shall establish that the materials, equipment, and types of construction are safe for their intended purpose.

(b) In Part I of Article 100, delete the text of the definition of AUTHORITY HAVING JURISDICTION and substitute to read as follows:

AUTHORITY HAVING JURISDICTION. The division of fire and building safety authorized under IC 22-15-2-7 and IC 10-19-2; the local building official authorized under IC 36-7-2-9 and local ordinance; the local fire department authorized under IC 36-8-17-8.

(c) In Part I of Article 100, in the definition of DWELLING UNIT, change as follows:

A single unit, providing complete and independent living facilities for one or more persons, including permanent provisions for living, sleeping, ++ eating, ++ cooking, and sanitation.

(d) In Part I of Article 100, delete the definition of LABELED and substitute to read as follows:

LABELED. Equipment or materials to which has been attached a label, symbol, or other identifying mark of an organization engaged in product evaluation that maintains periodic inspection of production of labeled equipment or materials and by whose labeling the manufacturer indicates compliance with appropriate standards or performance in a specified manner.

(e) In Part I of Article 100, delete the definition of LISTED and substitute to read as follows:

LISTED. Equipment or materials included in a list published by an organization engaged in product evaluation that maintains periodic inspection of production of listed equipment or materials and whose listing states either that the equipment or material meets appropriate standards or has been tested and found suitable for use in a specified manner.

(f) In Part I of Article 100, delete the text of the definition of SPECIAL PERMISSION and substitute to read as follows:

SPECIAL PERMISSION. A variance granted by the commission under IC 22-13-2-11 or a variance granted by a political subdivision and approved by the commission under IC 22-13-2-7(b).

REASON STATEMENT AND FISCAL IMPACT

The definitions in Indiana are necessarily different from the National Electrical Code due to the framework of our laws. This is being brought forward from the 2009 Indiana Electrical Code.

Fiscal impact: \$0.00

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

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FOR OFFICE USE ONLY

Received 03/26/24 10:20 AM	Code	Proposal number 260
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Code title Electrical Codes		Edition
Section number and title 110.15 High-Leg Marking		Page number
Proponent Charlie Eldridge	Representing (if applicable) Consultant for AES Indiana (Indianapolis Power & Light Company)	
Address (number and street, city, state, and ZIP code) 551 Grassy Ln., Indianapolis, IN 46217		Telephone number ((317) 370-3444

PROPOSED CODE CHANGE (check one)

- Change to read as follows
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Add an informational note to 110.15.

110.15 High-Leg Marking.

On a 4-wire, delta-connected system where the midpoint of one phase winding is grounded, only the conductor or busbar having the higher phase voltage to ground shall be durably and permanently marked by an outer finish that is orange in color or by other effective means. Such identification shall be placed at each point on the system where a connection is made if the grounded conductor is also present.

++Informational Note: The higher phase voltage to ground is normally on the right-hand side in meters and on the bottom inside meter cabinets. Some electric utilities require specific colors or marking inside metering equipment and at the service termination.++

REASON STATEMENT AND FISCAL IMPACT

I believe that before 1975, the high phase was required to land on the C phase of panelboards and switchboards instead of the B phase bus. Meter manufactures and electric utilities have not changed.

AES Indiana states, "If red or orange is used to mark the phase having the higher voltage to ground, red or orange shall not be used to mark any other phases."

Fiscal impact: \$0.00

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



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FOR OFFICE USE ONLY

Received 03/26/24 10:28 AM	Code	Proposal number 261
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Code title Electrical Codes		Edition
Section number and title 110.26(A)(1)(b); Depth of Working Space		Page number
Proponent Charlie Eldridge	Representing (if applicable) Consultant for AES Indiana (Indianapolis Power & Light Company)	
Address (number and street, city, state, and ZIP code) 551 Grassy Ln., Indianapolis, IN 46217		Telephone number ((317) 370-3444

PROPOSED CODE CHANGE (check one)

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Low Voltage. ++When approved++ --By special permission--, smaller working spaces shall be permitted where all exposed live parts operate at not greater than 30 volts rms, 42 volts peak, or 60 volts dc.

REASON STATEMENT AND FISCAL IMPACT

This permits the local AHJ to approve an installation instead of requiring a variance from the Fire Prevention and Building Safety Commission.

Fiscal impact: \$0.00

REVIEW RECOMMENDATION

Approve

Reject

Approve as amended

Further study



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FOR OFFICE USE ONLY

Received 04/10/24 12:36 PM	Code	Proposal number 310
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Code title Electrical Codes		Edition
Section number and title Chapter 2, Section 201.8 Ground-Fault Circuit-Interrupter Protection for Personnel		Page number
Proponent Mike Patarino	Representing (if applicable) Indiana Apartment Association	
Address (number and street, city, state, and ZIP code) 10 W. Carmel Drive, Suite 200, Carmel, IN 46032		Telephone number (317-574-1600

PROPOSED CODE CHANGE (check one)

- Change to read as follows
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 Delete without substitution

210.8(A) Dwelling Units

(A) All 125-volt --through 250-volt receptacles-- installed in the following locations and supplied by single-phase branch circuits rated 150 volts or less to ground shall have ground-fault circuit-interrupter protection for personnel.

(6) Kitchens ++where receptacles serve countertop surfaces, are located within 1.8 m (6 ft) of the top inside edge of the bowl of the sink, or are located below the sink++

REASON STATEMENT AND FISCAL IMPACT

Receptacle outlets behind appliances are not readily accessible and if the GFCI trips, it may be difficult to move the appliance to reset the receptacle. For elderly and other people with mobility and sensory disabilities, this is also a safety issue. Fiscal savings for dwelling unit apartments is about \$100/unit x 14,425 = \$1,442,500.

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



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FOR OFFICE USE ONLY

Received 04/10/24 1:47 PM	Code	Proposal number 311
-------------------------------------	------	-------------------------------

Code title Electrical Codes		Edition
Section number and title 210.8(A)(5) Dwelling Units		Page number
Proponent Lynn Madden	Representing (if applicable) Indiana Builders Association	
Address (number and street, city, state, and ZIP code) 433 E 53rd Street, Anderson, IN 46013		Telephone number (765)2385232

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

Revise as follows: 210.8(A)(5) - -Basements - - ++Unfinished portions or areas of the basement not intended as habitable rooms++

REASON STATEMENT AND FISCAL IMPACT

Not all basements are subject to damp or wet conditions. Expanding GFCI coverage to all areas of finished basements even where no water is to be expected is not justified. Finished areas of basements are not as hazardous as bathrooms or kitchens where people use small appliances near sinks and tubs. As written, this would affect all new houses and older homes which have their basement electrical systems updated or expanded.

This proposed code change was approved by the 2020 NEC Review Committee (proposal #95).

Fiscal Impact:

\$483,900 (4839 x \$100) for class 2 structures (one-and two-family dwellings and townhouses); assumes 1/3 of homes have basements (7,259) and of those, 2/3 (4839) are unfinished

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:**
1. Only a TYPED copy will be accepted.
 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
 3. Use a second sheet for any material requiring more space.
 4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY

Received 04/02/24 6:21 AM	Code	Proposal number 265
-------------------------------------	------	-------------------------------

Code title Electrical Codes		Edition
Section number and title 210.12(E); Branch Circuit Wiring Extensions, Modifications, or Replacements.		Page number
Proponent Charlie Eldridge	Representing (if applicable) Consultant for AES Indiana (Indianapolis Power & Light Company)	
Address (number and street, city, state, and ZIP code) 551 Grassy Ln., Indianapolis, IN 46217		Telephone number ((317) 370-3444

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

Delete 210.12(E) in its entirety without substitution.

REASON STATEMENT AND FISCAL IMPACT

The Indiana Electrical Code is an installation code, and this is for branch circuit extensions or modifications. This is also being brought forward from the 2020 Indiana Residential Code.

Fiscal impact: \$0.00

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:**
1. Only a **TYPED** copy will be accepted.
 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
 3. Use a second sheet for any material requiring more space.
 4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY

Received 04/10/24 10:56 AM	Code	Proposal number 309
--------------------------------------	------	-------------------------------

Code title Electrical Codes		Edition
Section number and title Chapter 2, Section 210.52(G)(1) Garages		Page number
Proponent Mike Patarino	Representing (if applicable) Indiana Apartment Association	
Address (number and street, city, state, and ZIP code) 10 W. Carmel Drive, Suite 200, Carmel, IN 46032		Telephone number (317-574-1600)

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

210.52(G)(1) Garages

(1) Garages. In each attached garage and in each detached garage with electric power, at least one receptacle outlet shall be installed in each vehicle bay and not more than 1.7 m (5 1/2 ft) above the floor.

Exception: Garage spaces not attached to an individual dwelling unit of a multifamily dwelling ++through a dedicated intersecting door++ shall not require a receptacle outlet in each vehicle bay.

REASON STATEMENT AND FISCAL IMPACT

In multifamily apartment dwellings, "convenience" receptacle outlets in vehicle bays are wired to the building house panel and cannot be wired to an individual unit unless the vehicle bay is connected by an dedicated intersecting door. When connected to the house electric panel, the property owner has a fiscal impact, especially when the receptacle is used to power an electric vehicle. Property owners do not want residents to use the vehicle bay for anything other than parking vehicles. The fiscal savings is about 2,885 vehicle bays (assuming 20% for every unit or $14,425 \times 20\% = 2,885$) $\times \$100 = \$288,500/\text{year}$ plus the cost of the power usage.

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:**
1. Only a TYPED copy will be accepted.
 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
 3. Use a second sheet for any material requiring more space.
 4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY

Received 04/09/24 4:56 AM	Code	Proposal number 287
-------------------------------------	------	-------------------------------

Code title Electrical Codes	Edition
Section number and title 210.52(I); Dwelling Unit Receptacle Outlets - Foyers	Page number
Proponent Charlie Eldridge	Representing (if applicable) Consultant for AES Indiana (Indianapolis Power & Light Company)
Address (number and street, city, state, and ZIP code) 551 Grassy Ln., Indianapolis, IN 46217	Telephone number ((317) 370-3444

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

Delete the text of 210.52(I) and replace it with the following:

Foyers that are not part of a hallway in accordance with 210.52(H) and that have an area that is greater than 9.3 m² (100 ft²) shall have a receptacle(s) located in each wall space that is 1.2 m (4 ft) or more in width. The 1.2 m (4 ft) measurement shall be measured in a straight line. Doorways, door-side windows that extend to the floor, and similar openings shall not be considered as wall space.

REASON STATEMENT AND FISCAL IMPACT

The size of the foyer should be large enough that it would be more likely that an electrical device would be continuously plugged into a receptacle outlet. This is also being brought forward from the 2020 Indiana Residential Code.

Fiscal impact: \$0.00

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:**
1. Only a TYPED copy will be accepted.
 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
 3. Use a second sheet for any material requiring more space.
 4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY

Received 04/09/24 3:25 PM	Code	Proposal number 305
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Code title Electrical Codes		Edition
Section number and title 215.18(A)		Page number
Proponent Stephen B Culbert	Representing (if applicable) IN Licensed Electrical Engineer	
Address (number and street, city, state, and ZIP code) 201 S. Capitol Avenue, Suite 310, Indianapolis, IN 46225		Telephone number (3174409013)

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

After "Surge-Protective Device. Where" --a-- , ++an exterior overhead++

REASON STATEMENT AND FISCAL IMPACT

Primary safety concern with surges is potentially failure of electrical equipment, wiring or equipment connected to electrical circuits from lightning surges. Primary exposure to lightning surges occur on exterior overhead feeders.

Fiscal impact will impact buildings with separate exterior overhead feeders (i.e. separate garages with overhead feeders): 21,778 (Class 2) x 1/2% x \$225 = \$24,500.

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:**
1. Only a **TYPED** copy will be accepted.
 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
 3. Use a second sheet for any material requiring more space.
 4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY

Received 04/02/24 6:59 AM	Code	Proposal number 266
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Code title Electrical Codes		Edition
Section number and title 225.30(C); Special Occupancies		Page number
Proponent Charlie Eldridge	Representing (if applicable) Consultant for AES Indiana (Indianapolis Power & Light Company)	
Address (number and street, city, state, and ZIP code) 551 Grassy Ln., Indianapolis, IN 46217		Telephone number ((317) 370-3444

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

++Where approved++ --By special permission--, additional feeders or branch circuits shall be permitted for either of the following:

(1) Multiple-occupancy buildings where there is no space available for supply equipment accessible to all occupants

(2) A single building or other structure sufficiently large to make two or more supplies necessary

REASON STATEMENT AND FISCAL IMPACT

This permits the local AHJ to approve an installation instead of requiring a variance from the Fire Prevention and Building Safety Commission. This is also being brought forward from the 2009 Indiana Electrical Code.

Fiscal impact: \$0.00

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:**
1. Only a TYPED copy will be accepted.
 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
 3. Use a second sheet for any material requiring more space.
 4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY

Received 04/09/24 3:29 PM	Code	Proposal number 306
-------------------------------------	------	-------------------------------

Code title Electrical Codes		Edition
Section number and title 225.42(A)		Page number
Proponent Stephen B Culbert	Representing (if applicable) IN Licensed Electrical Engineer	
Address (number and street, city, state, and ZIP code) 201 S. Capitol Avenue, Suite 310, Indianapolis, IN 46225		Telephone number (3174409013)

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

After "Surge-Protective Device. Where" --a-- ++an exterior overhead++

REASON STATEMENT AND FISCAL IMPACT

Primary safety concern with surges is potentially failure of electrical equipment, wiring or equipment connected to electrical circuits from lightning surges. Primary exposure to lightning surges occur on exterior overhead feeders.

Fiscal impact will impact buildings with separate exterior overhead feeders (i.e. separate building with overhead feeders): 21,778 (Class 2) x 1/2% x \$225 = \$24,500.

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:**
1. Only a **TYPED** copy will be accepted.
 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
 3. Use a second sheet for any material requiring more space.
 4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY

Received 04/02/24 7:17 AM	Code	Proposal number 267
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Code title Electrical Codes		Edition
Section number and title 230.2; Number of Services, (B) & (C)		Page number
Proponent Charlie Eldridge	Representing (if applicable) Consultant for AES Indiana (Indianapolis Power & Light Company)	
Address (number and street, city, state, and ZIP code) 551 Grassy Ln., Indianapolis, IN 46217		Telephone number ((317) 370-3444

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

(1st) In Section 230.2(B), special occupancies, delete "By special permission" and insert "When approved" as follows:

B) Special Occupancies.

--By special permission-- ++When approved++ additional services shall be permitted for either of the following:

- (1) Multiple-occupancy buildings where there is no available space for service equipment accessible to all occupants
- (2) A single building or other structure sufficiently large to make two or more services necessary

(2nd) In Section 230.2(C)(3), Capacity Requirements, delete "By special permission" and insert "When approved" as follows:

(C) Capacity Requirements.

Additional services shall be permitted under any of the following:

- (1) Where the capacity requirements are in excess of 2000 amperes at a supply voltage of 1000 volts or less
- (2) Where the load requirements of a single-phase installation are greater than the serving agency normally supplies through one service
- (3) --By special permission-- ++When approved++

REASON STATEMENT AND FISCAL IMPACT

These changes permit the local AHJ to approve an additional service instead of requiring a variance from the Fire Prevention and Building Safety Commission.

This is being brought forward from the 2009 Indiana Electrical Code.

Fiscal impact: \$0.00

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:**
1. Only a TYPED copy will be accepted.
 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
 3. Use a second sheet for any material requiring more space.
 4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY

Received 04/09/24 3:34 PM	Code	Proposal number 307
-------------------------------------	------	-------------------------------

Code title Electrical Codes		Edition
Section number and title 230.67(A)		Page number
Proponent Stephen B Culbert	Representing (if applicable) IN Licensed Electrical Engineer	
Address (number and street, city, state, and ZIP code) 201 S. Capitol Avenue		Telephone number (3174409013)

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

After "Surge-Protective Devices" **+++exterior overhead++**

REASON STATEMENT AND FISCAL IMPACT

Primary safety concern with surges is potentially failure of electrical equipment, wiring or equipment connected to electrical circuits from lightning surges. Primary exposure hen lightning surges occur on exterior overhead service entrance conductors.

Fiscal impact will impact buildings with exterior overhead services: 21,778 (Class 2) x 5% x \$225 = \$245,003.

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:
1. Only a TYPED copy will be accepted.
 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
 3. Use a second sheet for any material requiring more space.
 4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY

Received 04/10/24 1:56 PM	Code	Proposal number 312
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Code title Electrical Codes		Edition
Section number and title 230.67(D) Surge Protection Replacement		Page number
Proponent Lynn Madden	Representing (if applicable) Indiana Builders Association	
Address (number and street, city, state, and ZIP code) 433 E 53rd Street, Anderson, IN 46013		Telephone number (765)2385232

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

Delete without substitution Section 230.67(D) Surge Protection Replacement as follows:

--(D) Replacement. Where service equipment is replaced, all of the requirements of this section shall apply.--

REASON STATEMENT AND FISCAL IMPACT

This proposed code change was approved by the 2020 NEC Review Committee (proposal #21).

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:**
1. Only a **TYPED** copy will be accepted.
 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
 3. Use a second sheet for any material requiring more space.
 4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY

Received 04/02/24 7:47 AM	Code	Proposal number 269
-------------------------------------	------	-------------------------------

Code title Electrical Codes		Edition
Section number and title 230.85 Emergency Disconnects		Page number
Proponent Charlie Eldridge	Representing (if applicable) Consultant for AES Indiana (Indianapolis Power & Light Company)	
Address (number and street, city, state, and ZIP code) 551 Grassy Ln., Indianapolis, IN 46217		Telephone number ((317) 370-3444

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

Delete 230.85 in its entirety and without substitution.

REASON STATEMENT AND FISCAL IMPACT

Homes have the service disconnecting means installed at a readily accessible location either outside of a building or inside nearest the point of entrance of the service conductors. Requiring an additional emergency disconnect on the home's exterior is an unnecessary expense. There's also problems with the supply chain to provide the extra disconnecting means.

Fiscal impact: \$11,977,900 (21,778 x \$550) for class 2 structures (one-and two-family dwellings and townhouses)

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:
1. Only a TYPED copy will be accepted.
 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
 3. Use a second sheet for any material requiring more space.
 4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY

Received 04/02/24 8:22 AM	Code	Proposal number 272
-------------------------------------	------	-------------------------------

Code title Electrical Codes		Edition
Section number and title 240.81 Indicating		Page number
Proponent Charlie Eldridge	Representing (if applicable) Consultant for AES Indiana (Indianapolis Power & Light Company)	
Address (number and street, city, state, and ZIP code) 551 Grassy Ln., Indianapolis, IN 46217		Telephone number ((317) 370-3444

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

240.81 Indicating.

Circuit breakers shall clearly indicate whether they are in the open "off" or closed "on" position.

Where circuit breaker handles are operated vertically rather than rotationally or horizontally, the "up" position of the handle shall be the "on" position.

++Exception:

Where molded case circuit breakers are installed in a panelboard that is mounted horizontally, the "up" position of the handle shall be permitted to be the "off" position.++

REASON STATEMENT AND FISCAL IMPACT

There are many times where a horizontally mounted panelboard would be very convenient. This has been permitted in Canada for years without a problem.

Fiscal impact: \$0.00

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:**
1. Only a **TYPED** copy will be accepted.
 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
 3. Use a second sheet for any material requiring more space.
 4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY

Received 04/02/24 8:31 AM	Code	Proposal number 273
-------------------------------------	------	-------------------------------

Code title Electrical Codes		Edition
Section number and title 240.85 Applications		Page number
Proponent Charlie Eldridge	Representing (if applicable) Consultant for AES Indiana (Indianapolis Power & Light Company)	
Address (number and street, city, state, and ZIP code) 551 Grassy Ln., Indianapolis, IN 46217		Telephone number ((317) 370-3444

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

Add another sentence to the end of Section 240.85 as follows:

A circuit breaker with a straight voltage rating, such as 240V or 480V, shall be permitted to be applied in a circuit in which the nominal voltage between any two conductors does not exceed the circuit breaker's voltage rating. A two-pole circuit breaker shall not be used for protecting a 3-phase, corner-grounded delta circuit unless the circuit breaker is marked 1-3 to indicate such suitability.

A circuit breaker with a slash rating, such as 120/240V or 480Y/277V, shall be permitted to be applied in a solidly grounded circuit where the nominal voltage of any conductor to ground does not exceed the lower of the two values of the circuit breaker's voltage rating and the nominal voltage between any two conductors does not exceed the higher value of the circuit breaker's voltage rating. ++A circuit breaker marked 120/240 volts shall not be permitted to be used on a delta-connected 240-volt three-phase circuit.++

Informational Note: Proper application of molded case circuit breakers on 3-phase systems, other than solidly grounded wye, particularly on corner grounded delta systems, considers the circuit breakers' individual pole-interrupting capability.

REASON STATEMENT AND FISCAL IMPACT

As long as the high-leg is not in the circuit, a circuit breaker marked 120/240 is permitted. However, when the high-leg is in the circuit, the circuit breaker may fail under fault conditions. 3Ø, 4w delta and open delta services are common in Indiana and this is needed to make it clear that full voltage ratings are required on a 240-volt three-phase circuit.

Fiscal impact: \$0.00

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:**
1. Only a **TYPED** copy will be accepted.
 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
 3. Use a second sheet for any material requiring more space.
 4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY

Received 04/02/24 8:39 AM	Code	Proposal number 275
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Code title Electrical Codes		Edition
Section number and title 242.54 Interconnections		Page number
Proponent Charlie Eldridge	Representing (if applicable) Consultant for AES Indiana (Indianapolis Power & Light Company)	
Address (number and street, city, state, and ZIP code) 551 Grassy Ln., Indianapolis, IN 46217		Telephone number ((317) 370-3444

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

In Section 242.54(C), By --Special Permission-- ++When approved++. (This is in the title of the sub-section)

An interconnection of the surge-arrester ground and the secondary neutral conductor, other than as provided in 242.54(A) or (B), shall be permitted to be made only --by special permission-- when approved++.

REASON STATEMENT AND FISCAL IMPACT

Permits the local AHJ to approve an installation instead of requiring a variance from the Fire Prevention and Building Safety Commission.

Fiscal impact: \$0.00

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:**
1. Only a **TYPED** copy will be accepted.
 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
 3. Use a second sheet for any material requiring more space.
 4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY

Received 04/02/24 8:51 AM	Code	Proposal number 276
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Code title Electrical Codes		Edition
Section number and title 250.52(A)(5)(2) Rod Electrodes		Page number
Proponent Charlie Eldridge	Representing (if applicable) Consultant for AES Indiana (Indianapolis Power & Light Company)	
Address (number and street, city, state, and ZIP code) 551 Grassy Ln., Indianapolis, IN 46217		Telephone number ((317) 370-3444

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

Add text as follows:

250.52(A)(5)(2) Rod-type grounding electrodes of stainless steel and copper or zinc-coated steel shall be at least 15.87 mm (5/8 in.) in diameter, unless listed ++and not less than 12.7 mm (1/2 in.) in diameter++.

REASON STATEMENT AND FISCAL IMPACT

Add text from the 2009 Indiana Electrical Code to avoid confusion. If casually reading, the 2023 text appears to require 5/8" diameter ground rods.

Fiscal impact: \$0.00

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:**
1. Only a **TYPED** copy will be accepted.
 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
 3. Use a second sheet for any material requiring more space.
 4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY

Received 04/09/24 8:17 AM	Code	Proposal number 298
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Code title Electrical Codes		Edition
Section number and title 250.90 - Bonding - General		Page number
Proponent Charlie Eldridge	Representing (if applicable) Consultant for AES Indiana (Indianapolis Power & Light Company)	
Address (number and street, city, state, and ZIP code) 551 Grassy Ln., Indianapolis, IN 46217		Telephone number ((317) 370-3444

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

Add an exception as follows:

Exception: Small conductive surfaces not likely to become energized, such as short pieces of metallic piping to faucets, drain fittings, towel bars, mirror frames, and similar nonelectrical equipment, shall not be required to be bonded.

REASON STATEMENT AND FISCAL IMPACT

There are some AHJs that require the metal water piping to a faucet to be bonded to the grounding system where a nonmetallic water piping system is used. That is a misinterpretation of the Code and this exception will clear up that problem. This is also being brought forward from the 2020 Indiana Residential Code.

Fiscal impact: \$0.00

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:**
1. Only a TYPED copy will be accepted.
 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
 3. Use a second sheet for any material requiring more space.
 4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY

Received 04/09/24 8:26 AM	Code	Proposal number 299
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Code title Electrical Codes		Edition
Section number and title 250.104(A)(1); Metal Water Piping – General		Page number
Proponent Charlie Eldridge	Representing (if applicable) Consultant for AES Indiana (Indianapolis Power & Light Company)	
Address (number and street, city, state, and ZIP code) 551 Grassy Ln., Indianapolis, IN 46217		Telephone number ((317) 370-3444

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

Add an exception and informational note as follows:

++Exception: Small conductive surfaces not likely to become energized, such as short pieces of metallic piping to faucets, metallic fittings on nonmetallic piping, etc. shall not be required to be bonded.

Informational Note: Isolated sections of metal water piping (such as might be used for a plumbing fixture connection) that are connected to an overall nonmetallic water piping system are not subject to the requirements of 250.104(A). The isolated sections are not a metal water piping system.++

REASON STATEMENT AND FISCAL IMPACT

There are some AHJs that require the metal water piping to a faucet to be bonded to the grounding system where a nonmetallic water piping system is used. That is a misinterpretation of the Code and this exception will clear up that problem. This is also being brought forward from the 2020 Indiana Residential Code.

Fiscal impact: \$0.00

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:
1. Only a TYPED copy will be accepted.
 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
 3. Use a second sheet for any material requiring more space.
 4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY

Received 04/09/24 6:00 AM	Code	Proposal number 289
-------------------------------------	------	-------------------------------

Code title Electrical Codes		Edition
Section number and title 250.110 Equipment Fastened in Place (Fixed) or Connected by Permanent Wiring Methods.		Page number
Proponent Charlie Eldridge	Representing (if applicable) Consultant for AES Indiana (Indianapolis Power & Light Company)	
Address (number and street, city, state, and ZIP code) 551 Grassy Ln., Indianapolis, IN 46217		Telephone number ((317) 370-3444

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

Exception No. 1: --If exempted by special permission-- ++Where approved++, the metal frame of electrically heated appliances that have the frame permanently and effectively insulated from ground shall not be required to be grounded.

REASON STATEMENT AND FISCAL IMPACT

This permits the local AHJ to approve an installation instead of requiring a variance from the Fire Prevention and Building Safety Commission.

Fiscal impact: \$0.00

REVIEW RECOMMENDATION

Approve

Reject

Approve as amended

Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:**
1. Only a TYPED copy will be accepted.
 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
 3. Use a second sheet for any material requiring more space.
 4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY

Received 04/09/24 5:48 AM	Code	Proposal number 288
-------------------------------------	------	-------------------------------

Code title Electrical Codes		Edition
Section number and title 250.114 Equipment Connected by Cord and Plug		Page number
Proponent Charlie Eldridge	Representing (if applicable) Consultant for AES Indiana (Indianapolis Power & Light Company)	
Address (number and street, city, state, and ZIP code) 551 Grassy Ln., Indianapolis, IN 46217		Telephone number ((317) 370-3444

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

250.114, Exception No. 2 to (2):

Metal frames of electrically heated appliances, --exempted by special permission-- ++where approved++, shall not be required to be connected to an equipment grounding conductor, in which case the frames shall be permanently and effectively insulated from ground.

REASON STATEMENT AND FISCAL IMPACT

Permits the local AHJ to approve an installation instead of requiring a variance from the Fire Prevention and Building Safety Commission.

Fiscal impact: \$0.00

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:**
1. Only a **TYPED** copy will be accepted.
 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
 3. Use a second sheet for any material requiring more space.
 4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY

Received 04/09/24 8:52 AM	Code	Proposal number 301
-------------------------------------	------	-------------------------------

Code title Electrical Codes		Edition
Section number and title Section 300.3(D); conductors		Page number
Proponent Charlie Eldridge	Representing (if applicable) Consultant for AES Indiana (Indianapolis Power & Light Company)	
Address (number and street, city, state, and ZIP code) 551 Grassy Ln., Indianapolis, IN 46217		Telephone number ((317) 370-3444

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

Add new sub-section 300.3(D):

++(D), Separation from Corrugated Stainless Steel Tubing++

Add text to read as follows:

++All wiring methods shall be isolated from corrugated stainless steel tubing by a space separation of not less than 2 inches except where the bonding connection is made.++

REASON STATEMENT AND FISCAL IMPACT

Most manufacturers recommend a minimum of 2 inches of separation, more is preferable. This is also being brought forward from the 2009 Indiana Electrical Code. This is also required in the 2020 Indiana Residential Code in Section G2411.2.6.

Fiscal impact: \$0.00

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:**
1. Only a TYPED copy will be accepted.
 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
 3. Use a second sheet for any material requiring more space.
 4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY

Received 04/09/24 6:09 AM	Code	Proposal number 290
-------------------------------------	------	-------------------------------

Code title Electrical Codes		Edition
Section number and title 372.20 Size of Conductors		Page number
Proponent Charlie Eldridge	Representing (if applicable) Consultant for AES Indiana (Indianapolis Power & Light Company)	
Address (number and street, city, state, and ZIP code) 551 Grassy Ln., Indianapolis, IN 46217		Telephone number ((317) 370-3444

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

No conductor larger than 1/0 AWG shall be installed, except ++where approved++ --by special permission--.

REASON STATEMENT AND FISCAL IMPACT

Permits the local AHJ to approve an installation instead of requiring a variance from the Fire Prevention and Building Safety Commission.

Fiscal impact: \$0.00

REVIEW RECOMMENDATION

Approve

Reject

Approve as amended

Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:
1. Only a TYPED copy will be accepted.
 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
 3. Use a second sheet for any material requiring more space.
 4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY

Received 04/09/24 6:15 AM	Code	Proposal number 291
-------------------------------------	------	-------------------------------

Code title Electrical Codes		Edition
Section number and title 374.20 Size of Conductors		Page number
Proponent Charlie Eldridge	Representing (if applicable) Consultant for AES Indiana (Indianapolis Power & Light Company)	
Address (number and street, city, state, and ZIP code) 551 Grassy Ln., Indianapolis, IN 46217		Telephone number ((317) 370-3444

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

No conductor larger than 1/0 AWG shall be installed, except ++where approved++ --by special permission--.

REASON STATEMENT AND FISCAL IMPACT

Permits the local AHJ to approve an installation instead of requiring a variance from the Fire Prevention and Building Safety Commission.

Fiscal impact: \$0.00

REVIEW RECOMMENDATION

Approve

Reject

Approve as amended

Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:**
1. Only a **TYPED** copy will be accepted.
 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
 3. Use a second sheet for any material requiring more space.
 4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY

Received 04/10/24 10:37 AM	Code	Proposal number 308
--------------------------------------	------	-------------------------------

Code title Electrical Codes		Edition
Section number and title Chapter 4, Section 406.12 Tamper-Resistant Receptacles		Page number
Proponent Mike Patarino	Representing (if applicable) Indiana Apartment Association	
Address (number and street, city, state, and ZIP code) 10 W. Carmel Drive, Suite 200, Carmel, IN 46032		Telephone number (317-574-1600

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

406.12 Tamper-Resistant Receptacles

- (1) All dwellings units, boathouses, mobile homes and manufactured homes, including their attached and detached garages, accessory buildings, and common areas--
- (2) Guest rooms and guest suites of hotels, motels, and their common areas--
- (3)-- ++(1)++
- (4)-- ++(2)++
- (5)-- ++(3)++
- (6)-- ++(4)++
- (7) Dormitory units--
- (8)-- ++(5)++
- (9)-- ++(6)++
- (10) Areas of agricultural buildings accessible to the general public and any common areas--

REASON STATEMENT AND FISCAL IMPACT

The use of tamper-resistant receptacles should be a decision by the property owner. When safety is an issue, inexpensive safety caps can be used. A State mandate to use tamper-resistant receptacles may especially impede access to receptacles in dwellings, hotels/motels, dormitory units, and agricultural buildings, by the elderly and other people with motor or sensory disabilities. Fiscal savings for dwelling unit apartments is about \$1.00/receptacle x 25 outlet receptacles in a unit (on average) or \$25/unit x 14,425 = \$360,625/year.

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:**
1. Only a **TYPED** copy will be accepted.
 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
 3. Use a second sheet for any material requiring more space.
 4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY

Received 04/09/24 6:22 AM	Code	Proposal number 292
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Code title Electrical Codes		Edition
Section number and title 425.10(B) Fixed Resistance and Electrode Industrial Process Heating Equipment		Page number
Proponent Charlie Eldridge	Representing (if applicable) Consultant for AES Indiana (Indianapolis Power & Light Company)	
Address (number and street, city, state, and ZIP code) 551 Grassy Ln., Indianapolis, IN 46217		Telephone number ((317) 370-3444

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

(B) Working Space. Working space about electrical enclosures for fixed industrial process heating equipment that require examination, adjustment, servicing, or maintenance while energized shall be accessible, and the work space for personnel shall comply with 110.26 and 110.34, based upon the utilization voltage to ground.

Exception: --With special permission-- ++Where approved++, in industrial establishments only, where conditions of maintenance and supervision ensure that only qualified persons will service the installation, working space less than that required in 110.26 or 110.34 shall be permitted.

REASON STATEMENT AND FISCAL IMPACT

Permits the local AHJ to approve an installation instead of requiring a variance from the Fire Prevention and Building Safety Commission.

Fiscal impact: \$0.00

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:**
1. Only a TYPED copy will be accepted.
 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
 3. Use a second sheet for any material requiring more space.
 4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY

Received 04/09/24 7:08 AM	Code	Proposal number 293
-------------------------------------	------	-------------------------------

Code title Electrical Codes		Edition
Section number and title 430.22(E) Other Than Continuous Duty.		Page number
Proponent Charlie Eldridge	Representing (if applicable) Consultant for AES Indiana (Indianapolis Power & Light Company)	
Address (number and street, city, state, and ZIP code) 551 Grassy Ln., Indianapolis, IN 46217		Telephone number ((317) 370-3444

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

Conductors for a motor used in a short-time, intermittent, periodic, or varying duty application shall have an ampacity of not less than the percentage of the motor nameplate current rating shown in Table 430.22(E), unless --the authority having jurisdiction grants special permission for -- conductors of lower ampacity ++are approved++.

REASON STATEMENT AND FISCAL IMPACT

Permits the local AHJ to approve an installation instead of requiring a variance from the Fire Prevention and Building Safety Commission.

Fiscal impact: \$0.00

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:**
1. Only a **TYPED** copy will be accepted.
 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
 3. Use a second sheet for any material requiring more space.
 4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY

Received 04/09/24 7:16 AM	Code	Proposal number 294
-------------------------------------	------	-------------------------------

Code title Electrical Codes		Edition
Section number and title 430.111(B)(3); Oil Switch		Page number
Proponent Charlie Eldridge	Representing (if applicable) Consultant for AES Indiana (Indianapolis Power & Light Company)	
Address (number and street, city, state, and ZIP code) 551 Grassy Ln., Indianapolis, IN 46217		Telephone number ((317) 370-3444

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

An oil switch used on a circuit whose rating does not exceed 1000 volts or 100 amperes, or --by special permission-- ++when approved++ on a circuit exceeding this capacity where under expert supervision. The oil switch shall be permitted to be both power-operable and manually operable.

REASON STATEMENT AND FISCAL IMPACT

Permits the local AHJ to approve an installation instead of requiring a variance from the Fire Prevention and Building Safety Commission. This is also being brought forward from the 2009 Indiana Electrical Code.

Fiscal impact: \$0.00

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:**
1. Only a **TYPED** copy will be accepted.
 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
 3. Use a second sheet for any material requiring more space.
 4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY

Received 01/25/24 11:12 AM	Code	Proposal number 177
--------------------------------------	------	-------------------------------

Code title Electrical Codes		Edition
Section number and title 2023 Edition - NFPA 70 - National Electrical Code		Page number
Proponent Randy Dale Gulley	Representing (if applicable) Wayne Township Fire Department	
Address (number and street, city, state, and ZIP code) 700 North High School Road		Telephone number (13172466216

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

Section 501.15 Sealing and Drainage. Paragraph (D) Cable Seals, Class I, Division 1.
 In Division 1 locations, cable seals shall be located according to --501.15(D)(2)--
 ++501.15(D)(1) through (D)(3)++.

REASON STATEMENT AND FISCAL IMPACT

Correcting an error found by the NEC Correlating Committee of NFPA 70.

No Fiscal Impact.

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:**
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 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
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FOR OFFICE USE ONLY

Received 01/25/24 11:41 AM	Code	Proposal number 178
--------------------------------------	------	-------------------------------

Code title Electrical Codes		Edition
Section number and title 2023 Edition - NFPA 70 - National Electrical Code		Page number
Proponent Randy Dale Gulley	Representing (if applicable) Wayne Township Fire Department	
Address (number and street, city, state, and ZIP code) 700 North High School Road		Telephone number (131724)66216

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

Section 513.7 Wiring and Equipment Not Installed in Class 1 Locations.
 Paragraph (F) Mobile Stanchions. The second warning label of 2.
WARNING
KEEP 1.5 --FT-- ++METERS++ CLEAR OF AIRCRAFT ENGINES AND FUEL TANK AREAS

REASON STATEMENT AND FISCAL IMPACT

Correcting an error found by the NEC Correlating Committee of NFPA 70.
 No Fiscal Impact.

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:**
1. Only a **TYPED** copy will be accepted.
 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
 3. Use a second sheet for any material requiring more space.
 4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY

Received 01/25/24 11:52 AM	Code	Proposal number 179
--------------------------------------	------	-------------------------------

Code title Electrical Codes		Edition
Section number and title 2023 Edition - NFPA 70 - National Electrical Code		Page number
Proponent Randy Dale Gulley	Representing (if applicable) Wayne Township Fire Department	
Address (number and street, city, state, and ZIP code) 700 North High School Road		Telephone number (131724)66216

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

Section 513.10 Special Equipment. Paragraph (B) Aircraft Battery Charging and Equipment. Delete in its entirety the 3rd warning label of 3. It's duplicated.

REASON STATEMENT AND FISCAL IMPACT

Correcting an error found by the NEC Correlating Committee of NFPA 70.

No Fiscal Impact.

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:**
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 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
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FOR OFFICE USE ONLY

Received 01/25/24 12:09 PM	Code	Proposal number 180
--------------------------------------	------	-------------------------------

Code title Electrical Codes		Edition
Section number and title 2023 Edition - NFPA 70 - National Electrical Code		Page number
Proponent Randy Dale Gulley	Representing (if applicable) Wayne Township Fire Department	
Address (number and street, city, state, and ZIP code) 700 North High School Road		Telephone number (13172466216

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

Section 517.71 Connection to Supply Circuit. Paragraph (C) Over 1000 Volt Supply.
Circuits and equipment operated on a supply circuit of over 1000 volts shall comply with Parts I through IV of Article --490-- ++495++.

REASON STATEMENT AND FISCAL IMPACT

Correcting error found by the NEC Correlating Committee of NFPA 70.

No Fiscal Impact.

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:**
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 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
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FOR OFFICE USE ONLY

Received 01/25/24 12:20 PM	Code	Proposal number 181
--------------------------------------	------	-------------------------------

Code title Electrical Codes		Edition
Section number and title 2023 Edition - NFPA 70 - National Electrical Code		Page number
Proponent Randy Dale Gulley	Representing (if applicable) Wayne Township Fire Department	
Address (number and street, city, state, and ZIP code) 700 North High School Road		Telephone number (131724)66216

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

Section 550.18 Calculations. Paragraph (B) Total Load for Determining Power Supply.
 Sub-paragraph (3).
 (3) Twenty-five percent of current of largest motor in --Table 550.18(B)--
 ++550.18(B)(2)++.

REASON STATEMENT AND FISCAL IMPACT

Correcting error found by the NEC Correlating Committee of NFPA 70.
 No Fiscal Impact.

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:**
1. Only a **TYPED** copy will be accepted.
 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
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 4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY

Received 04/09/24 7:42 AM	Code	Proposal number 296
-------------------------------------	------	-------------------------------

Code title Electrical Codes		Edition
Section number and title 600.1 Scope		Page number
Proponent Charlie Eldridge	Representing (if applicable) Consultant for AES Indiana (Indianapolis Power & Light Company)	
Address (number and street, city, state, and ZIP code) 551 Grassy Ln., Indianapolis, IN 46217		Telephone number ((317) 370-3444

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

This article covers the installation of conductors, equipment --, and field wiring for electric signs, retrofit kits, and outline lighting, regardless of voltage-- ++for electric signs and outline lighting as defined in Article 100 of this code that are within or connected to Class 1 or Class 2 buildings or structures++. All installations and equipment using neon tubing, such as signs, decorative elements, skeleton tubing, or art forms, are covered by this article.

REASON STATEMENT AND FISCAL IMPACT

The Fire Prevention and Building Safety Commission has Class I and Class II building in its purview. Standalone signs are neither Class I or Class II buildings. This is also being brought forward from the 2009 Indiana Electrical Code.

Fiscal impact: \$0.00

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:**
1. Only a **TYPED** copy will be accepted.
 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
 3. Use a second sheet for any material requiring more space.
 4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY

Received 04/09/24 7:35 AM	Code	Proposal number 295
-------------------------------------	------	-------------------------------

Code title Electrical Codes		Edition
Section number and title 600.3 Listing		Page number
Proponent Charlie Eldridge	Representing (if applicable) Consultant for AES Indiana (Indianapolis Power & Light Company)	
Address (number and street, city, state, and ZIP code) 551 Grassy Ln., Indianapolis, IN 46217		Telephone number ((317) 370-3444

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

Fixed, mobile, or portable electric signs, section signs, outline lighting, photovoltaic (PV) powered signs, and retrofit kits, regardless of voltage, shall be listed and labeled, provided with installation instructions, and installed in conformance with that listing, unless otherwise approved --by special permission--.

REASON STATEMENT AND FISCAL IMPACT

Permits the local AHJ to approve an installation instead of requiring a variance from the Fire Prevention and Building Safety Commission.

Fiscal impact: \$0.00

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:**
1. Only a **TYPED** copy will be accepted.
 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
 3. Use a second sheet for any material requiring more space.
 4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY

Received 04/09/24 8:02 AM	Code	Proposal number 297
-------------------------------------	------	-------------------------------

Code title Electrical Codes		Edition
Section number and title 620.37(C)(1) Wiring in Hoistways, Machine Rooms, Control Rooms, Machinery Spaces, and Control Spaces		Page number
Proponent Charlie Eldridge	Representing (if applicable) Consultant for AES Indiana (Indianapolis Power & Light Company)	
Address (number and street, city, state, and ZIP code) 551 Grassy Ln., Indianapolis, IN 46217		Telephone number ((317) 370-3444

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

Feeders for supplying power to elevators and dumbwaiters shall be installed outside the hoistway unless as follows:

- (1) ++Where approved++ --By special permission--, feeders for elevators shall be permitted within an existing hoistway if no conductors are spliced within the hoistway.
- (2) Feeders shall be permitted inside the hoistway for elevators with driving machine motors located in the hoistway or on the car or counterweight.

REASON STATEMENT AND FISCAL IMPACT

Permits the local AHJ to approve an installation instead of requiring a variance from the Fire Prevention and Building Safety Commission.

Fiscal impact: \$0.00

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:
1. Only a TYPED copy will be accepted.
 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
 3. Use a second sheet for any material requiring more space.
 4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY

Received 01/30/24 5:33 AM	Code	Proposal number 185
-------------------------------------	------	-------------------------------

Code title Electrical Codes		Edition
Section number and title 625.40 Electric Vehicle Branch Circuit		Page number
Proponent Charlie Eldridge	Representing (if applicable) Consultant for AES Indiana (Indianapolis Power & Light Company)	
Address (number and street, city, state, and ZIP code) 551 Grassy Ln., Indianapolis, IN 46217		Telephone number ((317) 370-3444

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

Delete the work of the previous Indiana Electrical Code Update Committee that inserted an exception to this section.

REASON STATEMENT AND FISCAL IMPACT

The proposal to add an exception to this section that was approved by the Indiana Electrical Code Update Committee is now moot since the exception is now in the 2023 NEC.

Fiscal impact: \$0.00

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study



PROPOSAL FOR CODE CHANGE

State Form 41186 (R3 / 5-10)



- INSTRUCTIONS:
1. Only a TYPED copy will be accepted.
 2. ~~Dashed line through material to be deleted~~; underline or bold face material to be added.
 3. Use a second sheet for any material requiring more space.
 4. Return this completed form to: Indiana Department of Homeland Security, Code Services, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204.

FOR OFFICE USE ONLY

Received 01/30/24 4:25 AM	Code	Proposal number 182
-------------------------------------	------	-------------------------------

Code title Electrical Codes		Edition
Section number and title 2023 Edition - NFPA 70 - National Electrical Code		Page number
Proponent Randy Dale Gulley	Representing (if applicable) Wayne Township Fire Department	
Address (number and street, city, state, and ZIP code) 700 North High School Road		Telephone number (13172466216

PROPOSED CODE CHANGE (check one)

- Change to read as follows
 Add to read as follows
 Delete and substitute as follows
 Delete without substitution

Section 701.12 Paragraph (I) Battery-Equipped Emergency Luminaires, Used for Legally Required Standby Systems.
 Battery-equipped emergency luminaires used for legally required standby systems shall comply with --701.12(H)-- ++700.12(H)++.

REASON STATEMENT AND FISCAL IMPACT

Correcting an error in the first printing of this standard, as submitted by the NEC Correlating Committee of NFPA.

No Fiscal Impact.

REVIEW RECOMMENDATION

Approve
Reject
Approve as amended
Further study