



VILLAGE OF MONTGOMERY

ORDINANCE NO. 2039

**AN ORDINANCE ADOPTING AND AMENDING A CERTAIN NATIONAL CODE AND
REPEALING AND REESTABLISHING A NEW SECTION 7
OF THE VILLAGE OF MONTGOMERY CODE OF ORDINANCES
VILLAGE OF MONTGOMERY, KANE AND KENDALL COUNTIES, ILLINOIS**

Passed by The President and Board of Trustees
of The Village of Montgomery, Kane and Kendall Counties, Illinois,
this 25th day of September 2023.

Published in Pamphlet form by Authority
of the President and Board of Trustees
of the Village of Montgomery, Kane and Kendall Counties, Illinois,
this 25th day of September 2023

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WHEREAS, the Village of Montgomery ("Village") is not a home rule municipality within Article VII, Section 6A of the 1970 Constitution of the State of Illinois, and therefore, acts pursuant to the powers granted to it under 65 ILCS 5/1-1 *et seq.*; and,

WHEREAS, the Village has previously adopted the 2014 version of the National Electric Code, published by the National Fire Protection Association; and,

WHEREAS, the Village finds it necessary and in the best interest of the public to update and amend its ordinances from time to time; and,

WHEREAS, the Village now wishes to amend and update Chapter 7 of the Village of Montgomery Code of Ordinances to adopt the 2020 version of the National Electric Code, as more specifically set forth herein.

NOW, THEREFORE, BE IT ORDAINED by the President and Board of Trustees of the Village of Montgomery, Kane and Kendall Counties, Illinois, as follows:

SECTION ONE:

Chapter 7 of the Village of Montgomery Code of Ordinances shall be repealed in its entirety and replaced as follows:

Chapter 7 – Electricity

Section 7-1 -National Electrical Code – Adopted

(a) **Adoption of the 2020 National Electric Code.** Those certain documents, one (1) copy of which is on file with the Village Clerk's office, being marked and designated as the 2020 National Electric Code, be and is hereby adopted as the official electrical code of the Village of Montgomery.

(b) **Local Amendments.** The 2020 National Electric Code is hereby amended as follows:

(1) ***Article 110.13 (A) Mounting*** is hereby amended by adding the following subsection:

(C) **Electrical Panel Mounting:** All electric panels mounted on concrete or masonry walls that are either exterior walls or below grade, shall have a minimum of $\frac{1}{2}$ inch plywood installed between the panel, or the panel shall be mounted to structural mounting channel that

provides a minimum $\frac{1}{2}$ inch airspace between the panel and the wall, for purposes of the support and to help prevent moisture from entering the panel. Such mounting shall allow panel replacement if required.

(2) ***Article 210.8 Ground Fault Circuit Interrupter Protection for Personnel (A)*** is hereby amended to remove subsection (5) and amend section (2) to read: An overhead garage door opener receptacle is not required to have GFCI protection.

(3) ***Article 210.12 (A) Dwelling Units*** is amended to read: All 120-volt, single phase, 15 and 20 ampere branch circuits supplying outlets installed in bedrooms shall be protected by a listed arc-fault circuit interrupter, combination type, installed to provide protection of the branch circuit.

(4) ***Article 220.40*** is amended by adding the following at the end of the section:

220.40 General.

(A) The minimum size service panel for a new single-family residence or service upgrade shall be a 200-amp, 40 circuit panel. Exception: single family homes that were constructed prior to August 16, 2016 and are under 1,5000 square feet are allowed to upgrade to a 100-amp, 20 circuit panel.

(B) The minimum size service panel for any new or remodeled building other than single family shall be on a 100-amp, 20 circuit panel.

(5) ***Article 230.43 Wiring Methods.*** Delete methods (1) through (20) and replace as follows: Service entrance conductors are to be installed in rigid metal conduit, intermediate metal conduit, or PVC.

(6) ***Article 230.44 Cable Trays*** Delete methods (2) and (4).

(7) ***Article 300.11 Securing and Supporting*** is hereby amended by adding the following subsection:

(E) **Independent Supporting Methods.** All lighting fixtures, panel boards, switchgear, and/or supporting devices or conduit systems, installed in buildings or structures shall be installed and supported by the building structural components, completely independent of roof or floor deck, piping or ductwork, drywall, or ceiling tile. Lighting fixtures (in ceiling grid systems) shall be supported in accordance to manufacturer's requirements.

(8) ***Article 314.3 Nonmetallic Boxes*** is hereby amended by adding the following sentence: The use of non-metallic boxes is prohibited except for low voltage applications. Exceptions #1 and #2 shall be deleted in their entirety.

(9) ***Article 322 Flat Cable Assemblies:*** Type FC is hereby deleted in its entirety.

- (10) *Article 324 Flat Conductor Cable:* Type FCC is hereby deleted in its entirety.
- (11) *Article 326 Integrated Gas Spacer Cable:* Type IGS is hereby deleted in its entirety.
- (12) *Article 334 Nonmetallic-Sheathed Cable:* Types NM, NMC, and NMS are hereby deleted in their entirety.
- (13) *Article 338 – Service – Entrance Cable: Types SE and USE* is hereby deleted in its entirety.
- (14) *Article 352.10 (G) PVC Underground Installations.* Delete sentence “See 300.50” and replace as follows: PVV shall not be permitted to emerge from concrete, earth, or other solid surface. Any portion of the raceway emerging from concrete or earth shall be installed in rigid metal conduit to a point not less than 18 inches above and below the emergence.
- (15) *Article 358.10 Uses Permitted (B) Corrosion Protection* is hereby deleted in its entirety.
- (16) *Article 362 – Electrical Nonmetallic Tubing Type ENT:* Type ENT is hereby deleted in its entirety.
- (17) *Article 382 – Nonmetallic Extensions* is hereby deleted in its entirety.
- (18) *Article 388 – Surface Nonmetallic Raceways* is hereby deleted in its entirety.
- (19) *Article 394 – Concealed Knob-and-Tube Wiring* is hereby deleted in its entirety.
- (20) *Article 398- Open Wiring on Insulators* is hereby deleted in its entirety.
- (21) *Article 404.8(A) Location* is hereby amended by adding the following sentences: The required wall switch for lighting outlets at every habitable room, bathrooms, accessible attics, underfloor spaces, utility rooms, each area of an unfinished basement, and equipment spaces shall be installed at the usual point of entry to these spaces.
- (22) *Article 406.12 – (A) Tamper-Resistant Receptacles in Dwelling Units* is hereby deleted in its entirety.
- (23) *Article 604 – Manufactured Wiring Systems* is hereby deleted in its entirety.
- (24) *Article 700.16 Emergency Illumination* is amended by adding the following section:
 - (E) Emergency lighting shall be provided in the following locations: Mechanical/electrical rooms, toilet and bath/shower rooms, any rooms containing a fire alarm panel or incoming fire suppression systems.

SECTION TWO: GENERAL PROVISIONS

REPEALER: All ordinances or portions thereof in conflict with this Ordinance are hereby repealed.

SEVERABILITY: Should any provision of this Ordinance be declared invalid by a court of competent jurisdiction; the remaining provisions will remain in full force and effect the same as if the invalid provision had not been a part of this Ordinance.

EFFECTIVE DATE: This Ordinance shall be in full force and effect from and after its approval, passage and publication in pamphlet form as provided by law.

PASSED AND APPROVED by the President and Board of Trustees of the Village of Montgomery, Kane and Kendall Counties, Illinois this 25th day of September 2023.



Matthew Brolley
President of the Board of Trustees of the Village of Montgomery



ATTEST:



Debra Buchanan
Village Clerk of the Village of Montgomery

	Aye	Nay	Absent	Abstain
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Trustee Matt Bauman	✓	—	—	—
Trustee Tom Betsinger	✗	—	—	—
Trustee Dan Gier	✗	—	—	—
Trustee Steve Jungermann	✗	—	—	—
Trustee Doug Marecek	✗	—	—	—
Trustee Theresa Sperling	✗	—	—	—
Village President Matthew Brolley	NO SECRET	—	—	—