

Construction,
Codes & Standards
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State Adoptions of the National Electrical Code

The National Electrical Code (NEC) is developed and published on a three-year cycle. NAHB has developed adoption kits for each edition that include highlights of changes from the previous model code edition, associated cost increases and a list of suggested amendments.

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AFCI and GFCI Requirements

Arc-fault circuit interrupters (AFCIs) have been on the market since about the year 2000. They differ from ground-fault circuit interrupters (GFCIs), which were introduced into the NEC in the 1960s. Where GFCIs are designed to protect people from shock if a piece of a appliance or tool become energized due to a ground fault, AFCIs are designed to protect branch circuits from arcing faults.

[illegible]

Amendments to AFCI and GFCI Provisions by State

No Statewide Adoption of Residential Electrical Code	Amendments to Both <u>AFCI</u> And <u>GFCI</u> Provisions	Amendments to <u>AFCI</u> Provisions Only	Amendments to <u>GFCI</u> Provisions Only	No Amendments to AFCI or GFCI Provisions
Total: 6	Total: 12	Total: 8	Total: 9	Total: 16
Alaska Arizona Kansas Mississippi Missouri Nevada	Idaho Indiana Massachusetts North Carolina North Dakota Ohio Oregon	Arkansas Michigan Montana New Hampshire New Jersey Tennessee Utah	Connecticut District of Columbia Georgia Iowa Louisiana Maine New Mexico	Alabama California Colorado Delaware Florida Hawaii Illinois

State (City)	Residential Electrical Code Adopted and Effective Date	Technical Amendments To AFCI & GFCI	Documents	Notes
Click on the state or city for the agency website.	IRC International Residential Code—Electrical Section NEC National Electrical Code		Download documents to use bookmark	EMC 508 850 (d) 4 (d.8 (o) 1.881 () J J ETDC (ma) 6.1 12.24e 14.4e o) 1.e 7.2 Tm 9.96 Tw 9.96 0 3 T004w

State (City)	Residential Electrical Code Adopted and Effective Date	Technical Amendments To AFCI & GFCI	Documents	Notes
California	2020 NEC Effective 1/1/2023		Adopted Code Amendments	The 2022 California Electrical Code, or Part 3 of the California Building Standards Code, incorporates the 2020 edition of the NEC. Local jurisdictions may adopt more restrictive requirements if they are warranted by local conditions.
Colorado	2020 NEC Effective 8/1/2020		Adoption	The State Electrical Board has adopted the 2023 NEC. The effective date is August 1, 2023.
Connecticut	2020 NEC Effective 10/1/2022	GFCI	Amendments	The GFCI requirements for outdoor outlets are amended to exempt certain HVAC equipment.

State (City)	Residential Electrical Code Adopted and Effective Date	Technical Amendments To AFCI & GFCI	Documents	Notes
Illinois	2008 NEC Effective 7/1/2011		Adoption	

State
(City)

Residential Electrical
Code Adopted and

State (City)	Residential Electrical Code Adopted and Effective Date	Technical Amendments To AFCI & GFCI	Documents	Notes
Montana	2020 NEC Effective 6/11/2022	AFCI	Adoption	The requirements for AFCI protection were deleted for kitchens. Cities and counties are not permitted to amend the NEC adopted by the State.
Nebraska	2017 NEC Effective 8/24/2017		Adoption	
Nevada	No Statewide Adoption			The

State (City)	Residential Electrical Code Adopted and Effective Date	Technical
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State (City)	Residential Electrical Code Adopted and Effective Date	Technical Amendments
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State (City)	Residential Electrical Code Adopted and Effective Date	Technical Amendments To AFCI & GFCI	Documents	Notes
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South Carolina 2018 8301

State (City)	Residential Electrical Code Adopted and Effective Date	Technical Amendments To AFCI & GFCI	Documents	Notes
West Virginia	2020 NEC Effective 8/1/2022	GFCI/AFCI	Amendments	The GFCI provisions for outdoor outlets were amended by adding an exception for certain HVAC equipment. AFCI protection is not required for renovations which do not add square footage, except for in bedrooms. AFCI protection is not required for additions where no electrical service is installed.