

Proposed Amendments (added text to the code is: <u>underlined</u> , deleted text to the code is: struck through)				
ITEM NUMBER	ARTICLE	SUMMARY	PROPONENT	ACTI ON
		NEC - Task Force		
NEC – 2023 - 1	210.8(A)	*Revise Section 210.8 (A) ‘Dwelling Units’ to read as follows: Section 210.8 (A) Dwelling Units. All 125-volt receptacles installed in locations specified in 210.8(A) (1) through (11)...	Existing	D
NEC – 2023 – 2	210.8(F)	*Delete Section 210.8 (F) ‘Outdoor Outlets’ in its entirety.	Existing	D
NEC – 2023 – 3	702.4(A)	Below is our suggested language for an amendment to Article 702.4(A)(2) of the 2023 National Electrical Code. Either option would address the concerns laid out in the “REASON/INTENT” section. Suggested language is in <u>red</u> text Option 1 2) Automatic Load Connection. If the connection of load is automatic, an optional standby system shall comply with 702.4(A)(2)(a) or (A)(2)(b) in accordance with Parts I through IV of Article 220 or by another approved method. (a) Full Load. The standby source shall be capable of supplying the full load that is automatically connected. (b) Energy Management System (EMS). Where a system is employed in accordance with 750.30 that will automatically manage the connected load, the standby source shall have a capacity sufficient to supply the maximum load that will be connected by the EMS. <u>Exception: Battery energy storage systems used primarily for grid-interactive applications and employing EMS control in accordance with 750.30 shall be permitted to provide automatic load connection with a standby capacity sized in accordance with 710.15.</u>	Michael Hart (Tesla)	D

*Note: These amendments are “proposed only” and have not been adopted by the Department of Community Affairs.

ACTION: A (Approve as Submitted); R (Approve as Revised); D (Disapprove); W (Withdrawn); CF (Carry Forward)

		<p>Option 2 2) Automatic Load Connection. If the connection of load is automatic, an optional standby system shall comply with 702.4(A)(2)(a), 702.4(A)(2)(b), or 702.4(A)(2)(c) in accordance with Parts I through IV of Article 220 or by another approved method.</p> <p>(a) Full Load. The standby source shall be capable of supplying the full load that is automatically connected.</p> <p>(b) Energy Management System (EMS). Where a system is employed in accordance with 750.30 that will automatically manage the connected load, the standby source shall have a capacity sufficient to supply the maximum load that will be connected by the EMS.</p> <p><u>(c) Battery energy storage systems meeting all of the following conditions shall be permitted to provide automatic load connection with a standby capacity sized in accordance with 710.15.</u></p> <p><u>(1) The ESS is listed and installed in accordance with Article 706</u></p> <p><u>(2) The primary application of the ESS is for grid-interactive functions</u></p> <p><u>(3) The ESS employs EMS control in accordance with 750.30 to prevent connection in an overload condition</u></p>		
NEC-2023-4	210.12(B)	<p>210.12(B) Dwelling Units. All 120-volt, single-phase, 10-, 15-, and 20-ampere branch circuits supplying outlets or devices installed in the following locations shall be protected by any of the means described in 210.12(A)(1) through (A)(6):</p> <p>(1) Kitchens (2) Family rooms [The remaining list items are unchanged.]</p> <p><i>Exception No. 1: AFCI protection shall not be required for an individual branch circuit supplying a fire alarm system installed in accordance with 760.41(B) or 760.121(B). The branch circuit shall be installed in a metal raceway, metal auxiliary gutter, steel-armored cable, or Type MC or Type AC cable meeting the applicable requirements of 250.118, with metal boxes, conduit bodies, and enclosures.</i></p> <p><i>Exception No. 2: AFCI protection shall not be required for the individual branch circuit supplying an outlet for arc welding equipment in a dwelling unit until January 1, 2025.</i></p> <p><u><i>Exception No. 3: AFCI protection shall not be required for the individual branch circuit supplying an outlet for a refrigerator in a dwelling unit or a garage serving a dwelling unit.</i></u></p>	Tim Williams (HBAG)	D

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NEC – 2023 - 5	210.52(C)	210.52 (C) (3) (1) (1) On or above but not more than 500mm (20 inches) above a countertop or workspace. Receptacles may be installed under the countertop surface on the side of an island if receptacle center is located at 812mm (32” inches) or higher.	Derrick Daniel	D
NEC – 2023 - 6	210.8(A)	210.8.(A) Dwelling Units (Ground Fault Circuit Interrupter Protection) 6. Kitchens - <u>Kitchen area is defined as the immediate area designed for permanent food and beverage preparation and for the purpose of GFCI requirements,only extends to an area six feet from any water distributing or utilizing appliance and or fixture.</u>	Derrick Daniel	D

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