

COMMISSION ACTION MATRIX

2022 CALIFORNIA ELECTRICAL CODE, TITLE 24, PART 3, 2020 NATIONAL ELECTRICAL CODE
 AGENCY: HOUSING AND COMMUNITY DEVELOPMENT (HCD 01/20)

LEGEND:

CAC Actions: Approve, Disapprove, Approve as Amended, Further Study Required

Agency Responses: Accept, Disagree, Withdraw

CBSC Actions: Approve, Disapprove, Approve as Amended, Further Study Required

Matrix Paper Color (for commission action only): GREEN = uncontested items, YELLOW = challenged items, SALMON = withdrawn, no action required

PEME CODE ADVISORY COMMITTEE

ARTICLE 89 – GENERAL

Carry forward existing California amendments with modified sections listed below

Item Number 1	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/20-1-1	89.101.1				Proposed modification updates the reference to 2020 NEC	
HCD 01/20-1-2	89.101.2				Carry forward existing amendment: bold section number and title.	
HCD 01/20-1-3	89.101.3				Carry forward existing amendment: bold section number and title.	
HCD 01/20-1-4	89.101.7.3				Repeal exception and propose new section below.	
HCD 01/20-1-5	89.101.7.3.1				Adopt new California amendment, Incorporate language from the repealed exception above regarding design and construction between codes for detached dwelling units.	
HCD 01/20-1-6	89.101.8				Carry forward existing amendment with editorial modification.	
HCD 01/20-1-7	89.101.8.1				Carry forward existing amendment with editorial modification.	
HCD 01/20-1-8	89.101.9				Carry forward existing amendment with modification to change the text in HCD banner.	
HCD 01/20-1-9	89.108.2				Carry forward existing amendment with editorial modification.	

HCD 01/20-1-10	89.108.2.1.1				Carry forward existing amendment with editorial modification.	
HCD 01/20-1-11	89.108.2.1.2				Carry forward existing amendment with next text for format and consistency.	
HCD 01/20-1-12	89.108.2.1.3				Carry forward existing amendment with editorial modification.	
HCD 01/20-1-13	89.108.3.1				Carry forward existing amendment add new paragraph for format and consistency.	
HCD 01/20-1-14	89.108.3.2.1				Carry forward existing amendment with editorial modification.	
HCD 01/20-1-15	89.108.4.1				Carry forward existing amendment with editorial modification.	
HCD 01/20-1-16	89.108.4.2				Carry forward existing amendment with editorial modification.	
HCD 01/20-1-17	89.108.4.3				Carry forward existing amendment with editorial modification.	
HCD 01/20-1-18	89.108.4.3.1				Carry forward existing amendment with editorial modification.	
HCD 01/20-1-19	89.108.5.1				Carry forward existing amendment with editorial modification.	
HCD 01/20-1-20	89.108.7.2				Carry forward existing amendment with editorial modification.	
HCD 01/20-1-21	89.108.7.2.1				Carry forward existing amendment with editorial modification.	
HCD 01/20-1-22	89.108.8.3				Carry forward existing amendment with modification for format and consistency.	
HCD 01/20-1-23	89.108.9.1				Carry forward existing amendment with modifications for format and consistency.	
HCD 01/20-1-24	89.108.9.2				Carry forward existing amendment with modification for format and consistency.	

ARTICLE 90 - INTRODUCTION

HCD proposes to adopt Article 90 from the 2020 NEC into the 2022 CEC with modification as listed below:

Item Number 2	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/20-2-1	Article 90				Adopt Article 90 from the 2020 NEC into the 2022 CEC with modification.	
HD 01/20-2-2	Article 90.2				New modification that reflects provisions of Section 89.101.3.3 as related to structures under the jurisdiction of HCD.	

CHAPTER 1 - GENERAL

HCD proposes to adopt Article 100 – Definitions and Article 110 Requirements for Electrical Installations with new and existing amendments as listed below:

Item Number 3	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/20-3-1	Article 100				Bring forward existing amendments w/modification to the banner for Ballasted Solar Photovoltaic System.	
HCD 01/20-3-2	Article 110 (w/Amendments to 110.13)				Bring forward existing amendments in Article 110 w/modification to the banner.	

CHAPTER 2 – WIRING AND PROTECTION

Adopt all Articles in Chapter 2 with a new amendment to Article 230 as listed below:

Item Number 4	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/20-4-1	Article 200				Adopt Article 200 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-4-2	Article 210				Adopt Article 210 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-4-3	Article 215				Adopt Article 215 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-4-4	Article 220				Adopt Article 220 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-4-5	Article 225				Adopt Article 225 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-4-6	Article 230 (w/amendments to 230.67)				Adopt Article 230 from the 2020 NEC into the 2022 CEC with amendment. Amendment modifies Surge Protection replacements with an Exception in Subsection D.	
HCD 01/20-4-7	Article 240				Adopt Article 240 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-4-8	Article 242				Adopt Article 242 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-4-9	Article 250				Adopt Article 250 from the 2020 NEC into the 2022 CEC without amendment.	

CHAPTER 3 – WIRING METHODS AND MATERIALS

Adopt all Articles in Chapter 3 with new and existing amendments as listed below:

Item Number 5	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/20-5-1	Article 300				Adopt Article 300 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-2	Article 310				Adopt Article 310 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-3	Article 311				Adopt Article 311 from the 2020 NEC into the 2022 CEC without amendment.	

HCD 01/20-5-4	Article 312				Adopt Article 312 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-5	Article 314				Adopt Article 314 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-6	Article 320				Adopt Article 320 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-7	Article 322				Adopt Article 322 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-8	Article 324				Adopt Article 324 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-9	Article 326				Adopt Article 326 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-10	Article 330				Adopt Article 330 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-11	Article 332				Adopt Article 332 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-12	Article 334 (w/amendments to 334.10)				Adopt Article 334 and bring forward existing California amendment of Section 334.10 from the 2019 CEC into the 2019 CEC with editorial modification.	
HCD 01/20-5-13	Article 336				Adopt Article 336 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-14	Article 337				Adopt Article 337 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-15	Article 338				Adopt Article 338 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-16	Article 340				Adopt Article 340 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-17	Article 342				Adopt Article 342 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-18	Article 344				Adopt Article 344 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-19	Article 348				Adopt Article 348 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-20	Article 350				Adopt Article 350 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-21	Article 352				Adopt Article 352 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-22	Article 353				Adopt Article 353 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-23	Article 354				Adopt Article 354 from the 2020 NEC into the 2022 CEC without amendment.	

HCD 01/20-5-24	Article 355				Adopt Article 355 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-25	Article 356				Adopt Article 356 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-26	Article 358				Adopt Article 358 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-27	Article 360				Adopt Article 360 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-28	Article 362				Adopt Article 362 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-29	Article 366				Adopt Article 366 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-30	Article 368				Adopt Article 368 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-31	Article 370				Adopt Article 370 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-32	Article 372				Adopt Article 372 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-33	Article 374				Adopt Article 374 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-34	Article 376				Adopt Article 376 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-35	Article 378				Adopt Article 378 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-36	Article 380				Adopt Article 380 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-37	Article 382				Adopt Article 382 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-38	Article 384				Adopt Article 384 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-39	Article 386				Adopt Article 386 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-40	Article 388				Adopt Article 388 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-41	Article 390				Adopt Article 390 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-42	Article 392				Adopt Article 392 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-43	Article 393				Adopt Article 393 from the 2020 NEC into the 2022 CEC without amendment.	

HCD 01/20-5-44	Article 394 (Without modification to 394.12)				Adopt Article 394 and bring forward existing California amendment of Section 394.12 from the 2019 CEC into the 2022 CEC without modification.	
HCD 01/20-5-45	Article 396				Adopt Article 396 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-46	Article 398				Adopt Article 398 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-5-47	Article 399				Adopt Article 399 from the 2020 NEC into the 2022 CEC without amendment.	

CHAPTER 4 – EQUIPMENT FOR GENERAL USE

Adopt Articles as listed below in Chapter 4 with a new amendment in Article 450.23.

Item Number 6	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/20-6-1	Article 400				Adopt Article 400 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-6-2	Article 402				Adopt Article 402 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-6-3	Article 404				Adopt Article 404 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-6-4	Article 406				Adopt Article 406 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-6-5	Article 408				Adopt Article 408 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-6-6	Article 409				Adopt Article 409 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-6-7	Article 410				Adopt Article 410 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-6-8	Article 411				Adopt Article 411 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-6-9	Article 422				Adopt Article 422 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-6-10	Article 424				Adopt Article 424 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-6-11	Article 426				Adopt Article 426 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-6-12	Article 427				Adopt Article 427 from the 2020 NEC into the 2022 CEC without amendment.	

HCD 01/20-6-13	Article 430				Adopt Article 430 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-6-14	Article 440				Adopt Article 440 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-6-15	Article 445				Adopt Article 445 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-6-16	Article 450 (w/amendments to 450.23)				Adopt Article 450 from the 2020 NEC into the 2022 CEC with amendment. Modify banner for format and consistency with code.	
HCD 01/20-6-17	Article 455				Adopt Article 455 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-6-18	Article 460				Adopt Article 460 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-6-19	Article 470				Adopt Article 470 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-6-20	Article 480				Adopt Article 480 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-6-21	Article 490				Adopt Article 490 from the 2020 NEC into the 2022 CEC without amendment.	

CHAPTER 4 – EQUIPMENT FOR GENERAL USE

Article 425 – Do Not Adopt

Item Number 7	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/20-7-1	Article 425				HCD does not adopt Article 425 from NEC.	

CHAPTER 5 – SPECIAL OCCUPANCIES

Adopt Articles as listed below in Chapter 5 without amendments.

Item Number 8	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/20-8-1	Article 518				Adopt Article 518 from the 2020 NEC into the 2022 CEC without amendment.	
HD 01/20-8-2	Article 545				Adopt Article 545 from the 2020 NEC into the 2022 CEC without amendment.	

HCD 01/20-8-3	Article 590				Adopt Article 590 from the 2020 NEC into the 2022 CEC without amendment.	
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CHAPTER 5 – SPECIAL OCCUPANCIES

Article as listed below not adopted by HCD

Item Number 9	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/20-9-1	Articles 500 – 506, 510, 511, 513 – 517, 520, 522, 525, 530, 540, 547, 550, 551, 552, & 555				Articles listed are not being adopted from the 2020 NEC	

CHAPTER 6 – SPECIAL EQUIPMENT

Adopt Articles as listed below in Chapter 6 without amendments

Item Number 10	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/20-10-1	Article 600				Adopt Article 600 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-10-2	Article 620				Adopt Article 620 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-10-3	Article 625 (without modification to 625.1.1)				Adopt Article 625 and bring forward existing California amendment of Section 625.1.1 from the 2019 CEC into the 2022 CEC without modification.	
HCD 01/20-10-4	Article 626				Adopt Article 626 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-10-5	Article 646				Adopt Article 646 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-10-6	Article 680				Adopt Article 680 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-10-7	Article 682				Adopt Article 682 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-10-8	Article 690				Adopt Article 690 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-10-9	Article 691				Adopt Article 691 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-10-10	Article 692				Adopt Article 692 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-10-11	Article 694				Adopt Article 694 from the 2020 NEC into the 2022 CEC without amendment.	

CHAPTER 6 – SPECIAL EQUIPMENT

Articles as listed below in Chapter 6 not adopted by HCD

Item Number 11	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/20-11-1	Articles 604, 605, 610, 630, 640, 645, 647, 650, 660, 665, 668, 669, 670, 675, 685, 695				Articles listed are not being adopted from the 2020 NEC.	

CHAPTER 7 – SPECIAL CONDITIONS

Adopt Articles as listed below in Chapter 7 without amendments

Item Number 12	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/20-12-1	Article 700				Adopt Article 700 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-12-2	Article 702				Adopt Article 702 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-12-3	Article 705				Adopt Article 705 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-12-4	Article 706				Adopt Article 706 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-12-5	Article 708				Adopt Article 708 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-12-6	Article 710				Adopt Article 710 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-12-7	Article 712				Adopt Article 712 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-12-8	Article 720				Adopt Article 720 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-12-9	Article 725				Adopt Article 725 from the 2020 NEC into the 2022 CEC without amendment.	

HCD 01/20-12-10	Article 727				Adopt Article 727 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-12-11	Article 728				Adopt Article 728 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-12-12	Article 750				Adopt Article 750 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-12-13	Article 770				Adopt Article 770 from the 2020 NEC into the 2022 CEC without amendment.	

CHAPTER 7 – SPECIAL CONDITIONS

Articles as listed below in Chapter 7 not adopted by HCD

Item Number 13	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/20-13-1	Articles 701 & 760				Articles listed are not being adopted from the 2020 NEC.	

CHAPTER 8 – COMMUNICATIONS SYSTEMS

Adopt Articles as listed below in Chapter 8 without amendments

Item Number 14	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/20-14-1	Article 800				Adopt Article 800 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-14-2	Article 805				Adopt Article 805 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-14-3	Article 810				Adopt Article 810 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-14-4	Article 820				Adopt Article 820 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-14-5	Article 830				Adopt Article 830 from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-14-6	Article 840				Adopt Article 840 from the 2020 NEC into the 2022 CEC without amendment.	

CHAPTER 9 - TABLES

Adopt Chapter 9 – Tables – as listed below:

Item Number 15	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/20-15-1	Table 1				Adopt Table from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-15-2	Table 2				Adopt Table from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-15-3	Table 4				Adopt Table from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-15-4	Table 5				Adopt Table from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-15-5	Table 5A				Adopt Table from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-15-6	Table 8				Adopt Table from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-15-7	Table 9				Adopt Table from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-15-8	Table 10				Adopt Table from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-15-9	Table 11(A)				Adopt Table from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-15-10	Table 11(B)				Adopt Table from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-15-11	Table 12(A)				Adopt Table from the 2020 NEC into the 2022 CEC without amendment.	
HCD 01/20-15-12	Table 12(B)				Adopt Table from the 2020 NEC into the 2022 CEC without amendment.	

ANNEXES

Annexes not adopted by HCD

Item Number 16	Code Section	CAC Action	Agency Response	Public Comments	Annotations	CBSC Action
HCD 01/20-16-1	Annexes A, B, C, D, E, F, G, H, I, & J				Annexes listed are not be adopted from the 2020 NEC.	