# COMMISSION ACTION MATRIX plumbing, ELECTRICAL, MECHANICAL & energy (peme) CODE ADVISORY COMMITTEE – march 25-26, 2024

## 2025 california electrical CODE TITLE 24, PART 3, 2023 national electrical codeAGENCY: state fire marshal, sfm 01/23

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**Matrix Paper Color** (for commission action only): GREEN = uncontested items, YELLOW = challenged items, SALMON = withdrawn, no action required

If using assistive technology, please adjust your settings to recognize underline, strikeout, italic and ellipsis.

* Model Code language appears upright
* Existing California amendments appear in *italic*
* Amended model code or new California amendments appear *underlined & italic*
* Repealed model code language appears ~~upright and in strikeout~~
* Repealed California amendments appear in *~~italic and strikeout~~*
* Ellipses (…) indicate existing text remains unchanged

### ITEM 1, article 89 – general provisions

Carry forward existing California amendments in Article 89 with modifications listed below.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **SFM 01/23Item Number 1** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 1-1 | ***89.101.1 Title*** |  |  |  | SFM proposes to carry forward existing amendment with modification to repeal the 2020 NEC and adopt the 2023 NEC. |  |

### ITEM 2, article 90 - introduction

Adopt Article 90 of the 2023 NEC without amendments.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **SFM 01/23Item Number 2** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 2-1 | **Article 90** |  |  |  | SFM proposes to adopt Article 90 of the 2023 NEC without amendments into the 2025 CEC. |  |

### ITEM 3, Chapter 1 – general

Adopt Chapter 1 (Articles 100 and 110) of the 2023 NEC and carry forward existing amendments without modification into the 2025 CEC.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **SFM 01/23Item Number 3** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 3-1 | **Chapter 1 - General** |  |  |  | SFM proposes to adopt Chapter 1 of the 2023 NEC and carry forward existing amendments without modification into the 2025 CEC. |  |

### ITEM 4, Chapter 2 – wiring and protection

Adopt Chapter 2 (Articles 200, 210, 215, 220, 225, 230, 235, 240, 242, 245 and 250) of the 2023 NEC and repeal existing amendment as listed below.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **SFM 01/23Item Number 4** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 4-1 | **210.12 Arc-Fault Circuit-Interrupter Protection** |  |  |  | SFM proposes to repeal existing amendment. |  |

### ITEM 5, Chapter 3 – Wiring methods and materials

Adopt Chapter 3 (Articles 300, 305, 310, 312, 314, 315, 320, 322, 324, 326, 330, 332, 334, 335, 336, 337, 338, 340, 342, 344, 348, 350, 352, 353, 354, 355, 356, 358, 360, 362, 366, 368, 369, 370, 371, 372, 374, 376, 378, 380, 382, 384, 386, 388, 390, 392, 393, 394, 395, 396 and 398) of the 2023 NEC without amendments.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **SFM 01/23Item Number 5** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 5-1 | **Chapter 3 – Wiring Methods and Materials** |  |  |  | SFM proposes to adopt Chapter 3 of the 2023 NEC without amendment into the 2025 CEC. |  |

### ITEM 6, Chapter 4 – equipment for general use

Adopt Chapter 4 (Articles 400, 402, 404, 406, 408, 409, 410, 411, 422, 424, 425, 426, 427, 430, 440, 445, 450, 455, 460, 470, 480 and 495) of the 2023 NEC without amendment.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **SFM 01/23Item Number 6** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 6-1 | **Chapter 4 – Equipment for** **General Use** |  |  |  | SFM proposes to adopt Chapter 4 of the 2023 NEC without amendment into the 2025 CEC. |  |

### ITEM 7, Chapter 5 – special occupancies

Adopt Chapter 5 (Articles 500, 501, 502, 503, 504, 505, 506, 511, 512, 513, 514, 515, 516, 517, 518, 520, 522, 525, 530, 540, 545, 547, 555 and 590) except Articles 550, 551 and 552 of the 2023 NEC with new and existing amendments as listed below.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **SFM 01/23Item Number 7** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 7-1 | **517.31 *(H) [SFM] On-site energy storage systems and fuel supply*****517.42 *(G) [SFM] On-site energy storage systems and fuel supply*****517.45 *(H) [SFM] (Surgical Clinics only*** |  |  |  | SFM proposes to adopt new requirements for on-site energy storage systems and fuel supply.  |  |
| 7-2 | **Article 590 temporary Installations** |  |  |  | SFM proposes to adopt Article 590 and carry forward existing amendments. |  |

### ITEM 8, Chapter 6 – special equipment

Adopt Chapter 6 (Articles 600, 604, 605, 610, 620, 625, 626, 630, 640, 645, 646, 647, 650, 660, 665, 668, 669, 670, 675, 680, 682, 685, 690, 691, 692, 694 and 695) of the 2023 NEC and carry forward existing amendments.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **SFM 01/23Item Number 8** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 8-1 | **Article 625 Electric Vehicle Power Transfer System** |  |  |  | SFM proposes to carry forward existing amendments. |  |

### ITEM 9, Chapter 7 – Special Conditions

Adopt Chapter 7 (Articles 700, 701, 702, 705, 706, 708, 710, 722, 724, 725, 726, 728, 750, 760 and 770) of the 2023 NEC with existing amendments and modifications as listed below.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **SFM 01/23Item Number 9** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 9-1 | **700.12 (D) Generator Set *~~Exceptions~~*** |  |  |  | SFM proposes to repeal the existing amendment to Section 700.12. |  |
| 9-2 | **Article 760 Fire Alarm Systems** |  |  |  | SFM proposes to carry forward existing amendments with modification to the year of the NFPA standard. |  |

### ITEM 10, Chapter 8 – Communication systems

Adopt Chapter 8 (Article 800, 805, 810, 820, 830 and 840) of the 2023 NEC without amendment.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **SFM 01/23Item Number 10** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 10-1 | **Chapter 8 – Communication Systems** |  |  |  | SFM proposes to adopt Chapter 8 of the 2023 NEC without amendment into the 2025 CEC. |  |

### ITEM 11, Chapter 9 - Tables

Adopt Chapter 9 tables.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **SFM 01/23Item Number 11** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 11-1 | **Chapter 9 – Tables**  |  |  |  | SFM proposes to adopt Chapter 9 of the 2023 NEC without amendment into the 2025 CEC. |  |

### ITEM 12, Annexes a, b, c, d, e, f, g, h, i, j & k

Adopt Annexes A and B and do not adopt Annexes C through K.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **SFM 01/23Item Number 12** | **Code Section** | **CACAction** | **Agency Response** | **Public Comments** | **Annotations** | **CBSCAction** |
| 12-1 | **Annexes A, B, C, D, E, F, G, H, I, J AND K** |  |  |  | SFM proposes to adopt Annexes A and B and do not adopt Annexes C through K from the 2023 NEC. |  |