International Energy Conservation Code
Electrical, Power, Lighting and Renewable Energy Subcommittee

Committee Chair: Mike Stone, NEMA
Committee Vice Chair: Mark Rodriguez, SunRun

1. Call to order.

2. Meeting Conduct. Staff
    a. Identification of Representation/Conflict of Interest
    b. ICC Council Policy 7 Committees: Section 5.1.10 Representation of Interests

    c. ICC Code of Ethics: ICC advocates commitment to a standard of professional behavior that exemplifies the highest ideals and principles of ethical conduct which include integrity, honesty, and fairness. As part of this commitment it is expected that participants shall act with courtesy, competence and respect for others.

3. Roll Call - Stone

4. Approval of Minutes

5. Administrative issues.

6. Action Items.
    A. Zero Net Energy
        1. REPI-154-21 (Steve Rosenstock, EEI)
        2. REPI-155-21 (Kimberly Newcomer, NBI)
        3. REPI-157-21 (Emily Toto, ASHRAE)
        4. REPI-160-21 (Steve Rosenstock, EEI)
        5. REPI-164-21 (Steve Rosenstock, EEI)
    B. PV and Storage
        1. CEPI-12-21 Part II (Diana Burk, NBI)
        2. REPI-7-21 (Kimberly Newcomer, NBI)
        3. REPI-8-21 (Kimberly Newcomer, NBI)
        4. REPI-17-21 (Kimberly Newcomer, NBI)
        5. REPI-113-21 (Kimberly Newcomer, NBI)
        6. REPI-115-21 (Joe Cain, SEIA)

2024 International Energy Conservation Code
2024 PUBLIC INPUT TO THE 2021 IECC, IRC CH. 11

C202 and R202
Add new definitions as follows:

AUTOMOBILE PARKING SPACE. A space within a building or private or public parking lot, exclusive of driveways, ramps, columns, office and work areas, for the parking of an automobile.

ELECTRIC VEHICLE ➢ **DC 10 dnitions**

provided with one EV-capable, EV-ready or EVSE installed space per dwelling unit. All other new residential parking facilities shall be provided with electric vehicle power transfer infrastructure in accordance with Section C405.13 of the International Energy Conservation Code—Commercial Provisions.

R404.4.2 EV Capable Spaces. Each *EV capable space* used to meet the requirements of Section R404.4.1 shall comply with all of the following:

1. A continuous raceway or cable assembly shall be installed between an enclosure or outlet located within 3 feet (914 mm) of the *EV capable space* and a suitable panelboard or other onsite electrical distribution equipment.
2. Installed raceway or cable assembly shall be sized and rated to supply a minimum circuit capacity in accordance with R404.4.4.
3. The electrical distribution equipment to which the raceway or cable assembly connects shall have sufficient dedicated space and spare electrical capacity for a 2-pole circuit breaker or set of fuses.
4. The electrical enclosure or outlet and the electrical distribution equipment directory shall be marked: "For future *electric vehicle supply equipment (EVSE)*."

R404.4.3 EV Ready Spaces. Each branch circuit serving *EV ready spaces* shall comply with all of the following:

1. Terminate at an outlet or enclosure, located within 3 feet (914 mm) of each *EV ready space* it serves.
2. Have a minimum circuit capacity in accordance with R404.4.4.
3. The panelboard or other electrical distribution equipment directory shall designate the branch circuit as "For electric vehicle supply equipment (EVSE)" and the outlet or enclosure shall be marked "For electric vehicle supply equipment (EVSE)."

R404.4.4 Circuit Capacity. The capacity of electrical infrastructure serving each *EV capable space, EV ready space* and *EVSE space* shall have a rated capacity not less than 8.3 kVA (or 40A at 208/240V) for each EV capable space, EV ready space or EVSE space it serves.

R404.4.5 EVSE Installation. *EVSE* shall be installed in accordance with NFPA 70 and shall be listed and labeled in accordance with UL 2202 or UL 2594. *EVSE* shall be accessible in accordance with International Building Code Section 1107.