

Electric Vehicle Charging Facilities Code TAG

Meeting Notes

Date: Thursday, August 17, 2023

Meeting Location: Hybrid – Washington Room/WebEx

Call to order:

Greg Metz

Attendance:

TAG Members present: Greg Metz (DLI), Karen Gridley (DLI), Nick Erickson (Housing First Minnesota), William Pim (Electric Utilities), Barry Grieve (BOMA), John Taylor (AMBO), Rachael Spires (MN AIA), Scott Anderson (Large Municipalities)

Guests attending: Amanda Spuckler (DLI), Chad Payment (DLI), Steve Shold (DLI), Brittany Wysokinski (DLI), Don Sivigny (DLI), Dean Hunter (DLI), Josiah Moore (DLI), Michelle Dreyer, Philip Curtis, Andy Snope, Ava Thompson, Carolyn Berninger, Matthew Landi, Nick Paidosh, Olivia Richert, Philip Curtis, Sarah Psick, Angel Galarza, Marisa Bayer, Steve Elkins

1. Call to order
2. Reviewed draft code language for electric vehicle (EV) charging facilities. Discussion of specific draft section are detailed below.

Definitions

TAG members reviewed definitions as follows:

- **Electric vehicle Charging Station** – The TAG consensus was to modify the definition to include “utilizing Electric Vehicle Supply Equipment.”
- **Electric Vehicle Supply Equipment (EVSE) Installed Space** – The TAG consensus was to modify to the definition to include that the space provides a minimum Level 2 electric vehicle charging.
- **Electric Vehicle (EV) Ready Space and Electric Vehicle (EV) Capable Space** – The TAG members discussed including a minimum amperage of 30 or a voltage minimum to the definition of EV Capable Space. TAG members discussed the similarities between the definitions for EV Ready Space and EV Capable Space. The TAG members discussed revising the definition of EV Capable Space to state the building has the electrical services capacity for the future installation of EV charging equipment.
- **Level 2 Charging Equipment** – The definition will be revised to include an industry standard voltage or wattage and to remove the reference to “DC power.”

- **Parking Facilities** – The TAG discussed defining “parking facilities” to only include facilities for passenger vehicles. The TAG consensus is that parking facilities for commercial and fleet vehicles should be excluded and the reference to passenger vehicles clarified.

Section 8.9.3 EV Ready Spaces and 8.9.4 EV Capable Spaces

The draft language will be revised to replace the references to “EV Capable Spaces” in section 8.9.3 with references to “EV Ready Spaces.” The draft language will be revised to replace the references to “EV Ready Spaces” in section 8.9.4 with references to “EV Capable Spaces.” The TAG members discussed it may be difficult for some buildings to comply if they do not already have a large electrical supply. The definitions for EV Ready Spaces and EV Capable Spaces will be further revised.

8.9.5 EVSE Installed Spaces and 8.9.6 System and Circuit Capacity

TAG members discussed revising section 8.9.6.3 to replace the reference to 40 amperes with 30 amperes. TAG members discussed what level of detail is necessary regarding electrical requirements and wiring. These sections will be further revised.

8.9.7 Accessibility

TAG members reviewed a code change proposal with accessibility requirements for EV spaces that included several subsections. The TAG will discuss the percentage requirements for EVSE Ready Spaces at a future meeting when distribution of EV spaces and EV Ready Spaces in a parking facility is considered.

8.9.7.1 Vehicle Space Marking

TAG members discussed adding an exception to permit the parking space to be 18 inches long where the drive aisle behind the space is marked.

8.9.7.3.4 Marking

The TAG consensus is to eliminate the height requirement for the access aisle “no parking” signage to allow additional flexibility for the placement due to the charger equipment. TAG members also discussed adding language to prohibit the placement of charger equipment in the access aisle with an exception for equipment placed 30 inches into the head or foot end of the aisle.

8.9.7.5 Ground Surface

The TAG consensus is to change “slip resistant” to “of slip resistant materials.”

Next Meeting:

Date: August 31, 2023

Time: 1:00 PM

Location: Hybrid – Washington Room/WebEx Event

Meeting Adjourned: 3:00 PM

Prepared by: Greg Metz