



City of Chicago



SO2019-6934

Office of the City Clerk

Document Tracking Sheet

Meeting Date: 9/18/2019

Sponsor(s): Reilly (42)

Type: Ordinance

Title: Amendment of Municipal Code Chapters 17-10 and 17-17 by adding new Sections 17-10-1011 and 17-17-0251.5 concerning electric vehicles and electric vehicle supply equipment

Committee(s) Assignment: Committee on Zoning, Landmarks and Building Standards

SUBSTITUTE
ORDINANCE

WHEREAS, The City of Chicago ("City") is a home rule municipality as described in Section 6(a), Article VII of the 1970 Constitution of the State of Illinois, and as such may exercise any power and perform any function pertaining to its government and affairs; and

WHEREAS, The global electric vehicle stock surpassed 2 million cars in 2016, and is set to increase to over 3 million cars by 2021. The future is electric, and hundreds of thousands of electric vehicles will be delivered in the United States over the next few years; and

WHEREAS, It is critical to the City's continued economic growth and development that it takes steps to ensure that electric vehicle charging is available and convenient for the coming wave of owners embracing this sustainable technology; and

WHEREAS, Electric vehicle supply equipment and its infrastructure, which allow electric vehicle owners to charge their cars, are quickly becoming the most significant barriers to growth in this segment. Data shows that more than 80% of electric vehicle owners charge their cars at home or at work; and

WHEREAS, With equity in mind, the City intends to further study standards for the installation of electric vehicle supply equipment infrastructure for parking spaces in multi-unit residential buildings and nonresidential developments; and

WHEREAS, To fully understand the impact of the environment and full costs, both direct and indirect, of providing electrical vehicle supply infrastructure, the City intends to actively consult with interested parties, including residents, electric utilities, manufacturers, commercial building and apartment owners, the building industry and non-governmental organizations specializing in accessibility, equity or the environment; and

WHEREAS, The accessibility of electric vehicle chargers in parking facilities at home and at work is critical, and the City's Municipal Code needs to be updated to address these needs; now, therefore,

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF CHICAGO:

SECTION 1. The foregoing recitals are adopted and incorporated into and made a part of this Ordinance.

SECTION 2. Section 17-17-0200 of the Municipal Code of Chicago is hereby amended by inserting a new Section 17-17-0251.5, as follows:

17-17-0251.5-A Electric Vehicle. Any vehicle that is licensed and registered for operation on public and private highways, roads, and streets; either partially or exclusively, on electrical energy from the grid, or an off-board source, that is stored on-board via a battery to propel the vehicle.

17-17-0251.5-B Electric Vehicle Supply Equipment. The equipment, as defined by the National Electrical Code and adopted in section 14E-6-625 of the Municipal Code of Chicago, that includes the conductors, including the ungrounded, grounded, and equipment grounding

conductors, and the electric vehicle connectors, attachment plugs, and all other fittings, devices, power outlets, or apparatus installed specifically for the purpose of transferring energy between the premises wiring and an *electric vehicle*.

17-17-0251.5-C Electric Vehicle Supply Equipment Infrastructure. The equipment, as defined by the National Electrical Code and adopted in section 14E-6-625 of the Municipal Code of Chicago, to support future *electric vehicle* charging. This shall include, but not be limited to: the design load placed on electrical panels and service equipment to support the additional electrical demand, the panel capacity to support additional feeder / branch circuits, and the installation of raceways, both underground and surface mounted, to support *electric vehicle supply equipment*.

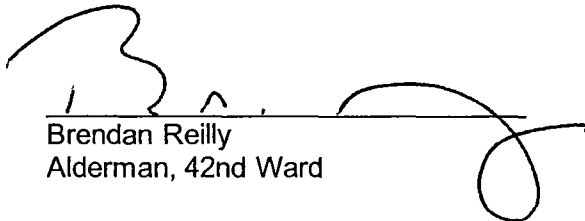
SECTION 3. Section 17-10-1000 of the Municipal Code of Chicago is hereby amended by inserting a new Section 17-10-1011, as follows:

17-10-1011 Electric Vehicle Equipment. This section shall apply to building permit applications for a new construction project that provides on-site parking as described in this section submitted after July 31, 2020.

17-10-1011-A. New construction of a *multi-unit residential* building consisting of twenty-four or more dwelling units where on-site parking is provided shall specify the installation of *electric vehicle supply equipment infrastructure* to support the installation or future installation of *electric vehicle supply equipment* for at least two parking spaces.

17-10-1011-B. New construction providing fifty or more on-site parking spaces to serve non-residential uses shall specify the installation of *electric vehicle supply equipment infrastructure* to support the installation or future installation of *electric vehicle supply equipment* for at least two parking spaces.

SECTION 4. This ordinance shall be in full force and effect upon passage and publication.


Brendan Reilly
Alderman, 42nd Ward