



# City of Chicago



SO2019-1441

Office of the City Clerk

## Document Tracking Sheet

**Meeting Date:** 3/13/2019

**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 Pedestrian and Traffic Safety

**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. Unlike gasoline car owners, charging behavior for electric vehicle owners indicates that more than 80% charge their cars at home or at work; and

**WHEREAS**, The accessibility of electric vehicle chargers in parking facilities at home and at work is critical, and municipal codes need 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 for motive purpose.

**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 I branch circuit and the installation of raceways, both underground and surface mounted, to support electric vehicle supply equipment.

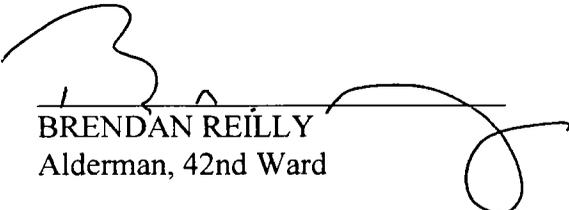
**SECTION 3. Section 17-10-1000 of the Municipal Code of Chicago is hereby amended by inserting a new Section 17-10-1011, as follows:**

**17-10-1011 Electric Vehicle Equipment.** The provisions of this section shall apply to any new construction project submitted after June 30, 2019:

**17-10-1011-A.** Any new construction of a multi-unit residential building consisting of five or more dwelling units that includes parking shall specify the installation of electric vehicle supply equipment infrastructure to support the future installation of electric vehicle supply equipment for at least 20% of parking spaces.

**17-10-1011-B.** Any new construction providing 30 or more parking spaces to serve non residential uses shall specify the installation of electric vehicle supply equipment infrastructure to support the future installation of electric vehicle supply equipment for at least 20% of parking spaces.

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



\_\_\_\_\_  
BRENDAN REILLY  
Alderman, 42nd Ward