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AB-1239 Building standards: electric vehicle charging infrastructure. (2017-2018)

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ENROLLED SEPTEMBER 13, 2017
PASSED IN SENATE SEPTEMBER 06, 2017
PASSED IN ASSEMBLY SEPTEMBER 11, 2017
AMENDED IN SENATE SEPTEMBER 01, 2017
AMENDED IN SENATE JULY 18, 2017
AMENDED IN SENATE JULY 05, 2017
AMENDED IN ASSEMBLY MAY 26, 2017
AMENDED IN ASSEMBLY MAY 01, 2017
AMENDED IN ASSEMBLY APRIL 17, 2017

CALIFORNIA LEGISLATURE— 2017–2018 REGULAR SESSION

ASSEMBLY BILL

NO. 1239

Introduced by Assembly Member Holden

February 17, 2017

An act to amend Section 18941.10 of the Health and Safety Code, relating to building standards.

LEGISLATIVE COUNSEL'S DIGEST

AB 1239, Holden. Building standards: electric vehicle charging infrastructure.

The California Building Standards Law provides for the adoption of building standards by state agencies by requiring all state agencies that adopt or propose adoption of any building standard to submit the building standard to the California Building Standards Commission for approval and adoption. That law requires the Department of Housing and Community Development to propose mandatory building standards for the installation of future electric vehicle charging infrastructure for parking spaces in multifamily dwellings. That law also requires the department and the commission to use specified provisions of the California Green Building Standards Code as a starting point for those mandatory building standards.

This bill would express legislative findings and declarations relating to the adoption of building standards to increase electric vehicle charging infrastructure. The bill would require the department and the commission to research, develop, and propose for adoption building standards regarding electric vehicle capable parking spaces for existing parking structures and lots, as

specified, located adjacent to, or associated with, multifamily dwellings and nonresidential buildings in a triennial edition of the California Building Standards Code adopted after January 1, 2018, as specified.

Vote: majority Appropriation: no Fiscal Committee: yes Local Program: no

THE PEOPLE OF THE STATE OF CALIFORNIA DO ENACT AS FOLLOWS:

SECTION 1. (a) The Legislature finds and declares all of the following:

(1) The electrification of the transportation system is a key strategy in improving transportation emissions, with the Governor establishing a goal of one million zero emission vehicles on the roads by the year 2020 and 1.5 million by the year 2025. As the vast majority of zero emission vehicles are electric, developing electric vehicle charging infrastructure is essential to meeting these goals.

(2) Developing electric vehicle charging infrastructure includes expanding the infrastructure beyond single family homes to multifamily dwellings to broaden the market and expand the opportunity to own electric vehicles.

(3) California's green building code requirement that 3 percent of parking spaces in new multifamily dwellings be electric vehicle capable should be expanded to require 3 percent of parking in spaces in existing multifamily dwellings and nonresidential buildings to be electric vehicle capable. Installation of electric vehicle infrastructure can be done most cost effectively when it is concurrent with other construction on the parking spaces or the electric supply.

(b) Therefore, it is the intent of the Legislature, in enacting this act, to ensure that the Department of Housing and Community Development and the California Building Standards Commission do all of the following:

(1) Develop and adopt building standards that take advantage of the reduced cost of retrofitting electric vehicle charging infrastructure in multifamily dwellings and nonresidential buildings when other construction and repair is taking place so that electric vehicle charging infrastructure can be made more widely available in a cost effective way.

(2) Invite the participation of relevant public agencies and the public at large in the development of the electric vehicle charging infrastructure building standards.

(3) Revisit the electric vehicle charging infrastructure building standards every 18 months.

SEC. 2. Section 18941.10 of the Health and Safety Code is amended to read:

18941.10. (a) (1) The commission shall, commencing with the next triennial edition of the California Building Standards Code (Title 24 of the California Code of Regulations) adopted after January 1, 2014, adopt, approve, codify, and publish mandatory building standards for the installation of future electric vehicle charging infrastructure for parking spaces in multifamily dwellings and nonresidential development.

(2) For purposes of paragraph (1), the Department of Housing and Community Development shall propose mandatory building standards for the installation of future electric vehicle charging infrastructure for parking spaces in multifamily dwellings and submit the proposed mandatory building standards to the commission for consideration.

(b) (1) In proposing and adopting mandatory building standards under this section, the Department of Housing and Community Development and the commission shall use Sections A4.106.6, A4.106.6.1, A4.106.6.2, A5.106.5.1, and A5.106.5.3 of the California Green Building Standards Code (Part 11 of Title 24 of the California Code of Regulations) as the starting point for the mandatory building standards and amend those standards as necessary.

(2) In proposing and adopting mandatory building standards under this section, the Department of Housing and Community Development and the commission shall actively consult with interested parties, including, but not limited to, investor-owned utilities, municipal utilities, manufacturers, local building officials, nonresidential building and apartment owners, and the building industry.

(c) (1) The Department of Housing and Community Development shall research, develop, and propose for adoption building standards regarding electric vehicle capable parking spaces for existing parking structures and lots, as specified by the Department of Housing and Community Development, located adjacent to, or associated with, multifamily dwellings for a triennial edition of the California Building Standards Code (Title 24 of the California Code of Regulations) adopted after January 1, 2018. The commission shall propose for adoption the building standards in a triennial edition of the California Building Standards Code (Title 24 of the California Code of Regulations) adopted after January 1, 2018.

(2) In the development of these building standards, the Department of Housing and Community Development shall determine appropriate application provisions that include circumstances when the installation of future electric vehicle charging

infrastructure will not be required, including, but not limited to, cost impact, physical site constraints, utility infrastructure constraints, and other issues impacting the feasibility of the project.

(d) (1) The commission shall research, develop, and propose for adoption building standards regarding electric vehicle capable parking spaces for existing parking structures and lots, as specified by the commission, located adjacent to, or associated with, nonresidential buildings in a triennial edition of the California Building Standards Code (Title 24 of the California Code of Regulations) adopted after January 1, 2018.

(2) In the development of these building standards, the commission shall determine appropriate application provisions that include circumstances when the installation of future electric vehicle charging infrastructure will not be required, including, but not limited to, cost impact, physical site constraints, utility infrastructure constraints, and other issues impacting the feasibility of the project.