

ORDINANCE NO. _____

An ordinance amending Title 27 – Electrical Code of the Los Angeles County Code – by adopting and incorporating by reference portions of the 2022 California Electrical Code with certain changes and modifications, and making other revisions thereto.

The Board of Supervisors of the County of Los Angeles ordains as follows:

SECTION 1. Sections 89.102 through 89.114 of Article 89, Article 90, Chapters 1 through 9, and Annexes A, B, C, D, E, F, G, H, I, and J, which incorporate by reference and modify portions of the 2019 California Electrical Code, are hereby repealed.

SECTION 2. Section 80-1.5 is hereby amended to read as follows:

Sec. 80-1.5. California Electrical Code (CEC) Adoption by Reference.

Except as hereinafter changed or modified, Sections 89.102 through 89.114 of Article 89, Article 90, Chapters 1 through 9, and Annexes A, B, C, D, E, F, G, H, I, and J of that certain Electrical Code known and designated as the ~~2019~~2022 California Electrical Code as published by the California Building Standards Commission are adopted and incorporated by reference into this Title 27 of the Los Angeles County Code as if fully set forth below, as Sections 89.102 through 89.114 of Article 89, Article 90, Chapters 1 through 9, and Annexes A, B, C, D, E, F, G, H, I, and J of Title 27 of the Los Angeles County Code.

A copy of the ~~2019~~ 2022 California Electrical Code, hereinafter referred to as the CEC, shall be at all times maintained by the Chief Electrical Inspector for use and examination by the public.

SECTION 3. Section 220.41 is hereby added to read as follows:

Sec. 220.41. Energy Storage Readiness.

For all new one and two family dwelling units, the service panels and/or sub panels shall have the capacity of an additional load not less than 5 kVA for every 2,000 square feet of living space or any fraction thereof, designated to accommodate future energy storage system(s). This load shall be considered continuous and demand factors shall not apply. Additionally, the service panels and/or sub panels shall have space(s) reserved/dedicated to permit installation of the branch circuit overcurrent protective device(s) for the energy storage system.

SECTION 4. The provisions of this ordinance contain various changes, modifications, and additions to the 2022 California Electrical Code. Some of these changes are administrative in nature in that they do not constitute changes or modifications to requirements contained in the building standards published in the California Electrical Code.

Pursuant to California Health and Safety Code sections 17958.5, 17958.7, and 18941.5, the Board of Supervisors hereby expressly finds that all of the changes and modifications to requirements contained in the building standards published in the California Building Standards Code contained in this ordinance that are not administrative in nature are reasonably necessary because of local climatic, geological,

or topographical conditions in the County of Los Angeles, as more particularly described in the table set forth below.

TABLE

ELECTRICAL CODE AMENDMENTS		
CODE SECTION	CONDITION	EXPLANATION
220.41	Climatic	The County of Los Angeles is a densely populated area with varying and occasionally immoderate temperatures and weather conditions. This creates the need for highly efficient buildings to reduce demand on the electrical grid and, in turn, reduce the use of fossil fuels and improve air quality. The proposed amendment will provide a cost-effective means for homeowners to increase energy savings and reduce the demand on the electrical grid by requiring the installation of an energy storage system for current or future use with minimal need for additional construction and modification of the existing electrical system.

SECTION 5. This ordinance shall become operative on January 1, 2023.

[TITLE27ELECTRICALCODE2022CSCC]