ANALYSIS

This ordinance repeals those provisions of Title 27 - Electrical Code of the Los Angeles County Code, which had incorporated portions of the 2007 Edition of the California Electrical Code by reference, and replaces them with provisions incorporating by reference portions of the 2010 California Electrical Code, published by the California Building Standards Commission, with certain changes and modifications. Unless deleted or modified herein, the previously enacted provisions of Title 27 continue in effect.

State law requires that the County's Electrical Code impose the same requirements as are contained in the building standards published in the most recent edition of the California Electrical Code except for changes or modifications deemed reasonably necessary by the County because of local climatic, geologic, or topographic conditions.

The changes and modifications to requirements contained in the building standards published in the 2010 California Electrical Code which are contained in this ordinance are based upon express findings contained in the ordinance, that such changes are reasonably necessary due to local climatic, geologic, or topographic conditions. This ordinance also makes certain modifications to the administrative provisions of Title 27.

ANDREA SHERIDAN ORDIN
County Counsel

BY:
MARK T. YANAI
Principal Deputy County Counsel
Property Division

MTY:vn

07/08/10 (Requested)

10/06/10 (Revised)

HOA.716089.6

ORDINANCE NO. 2010-0054

An ordinance amending Title 27 - Electrical Code of the Los Angeles County Code by adopting portions of the 2010 California Electrical Code, by reference, 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, and Chapters 1 through 9, including Section 690.19, which incorporate by reference and modify portions of the 2007 California Electrical Code, are hereby repealed.

SECTION 2. Article 80 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, ~~and~~ Chapters 1 through 9, and Annexes A, B, C, D, E, F, G, and H of that certain Electrical ~~c~~Code known and designated as the ~~2007~~2010 California Electrical Code as published by the California Building Standards Commission are adopted by reference and incorporated 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, ~~and~~ Chapters 1 through 9, and Annexes A, B, C, D, E, F, G and H of Title 27 of the Los Angeles County Code.

A copy of the ~~2007~~2010 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 82-4 is hereby amended to read as follows:

Sec. 82-4. Application for Electrical Permits.

. . .

(f) Expiration of Application. An applications for permits for which no permit is issued within one year following the date of application shall expire by limitation. Plans and specifications previously submitted may thereafter be returned to the applicant or destroyed by the Chief Electrical Inspector. The Chief Electrical Inspector may ~~extend the time for action by the applicant for a period not exceeding~~grant up to two extensions of up to 180 days per extension beyond the initial one-year limit upon written request by the applicant showing that circumstances beyond the control of the applicant have prevented action from being taken and upon payment of an extension fee ~~equal to~~in an amount determined by the Chief Electrical Inspector, not to exceed 25 percent of the plan check fee. ~~No permit application shall be extended more than once.~~

Once an application and any extension(s) have expired, the applicant shall resubmit plans and specifications and pay a new plan checking or review fee.

SECTION 4. Section 83-3 is hereby amended to read as follows:

Sec. 83-3. Alternate Materials and Methods.

~~Nothing in this Code is~~The provisions of this Code are not intended to prevent the use of any material, appliance, installation, device, arrangement method, design, or method of construction not specifically prescribed by this Code, provided any such alternate has been approved by the Chief Electrical Inspector.

The Chief Electrical Inspector may approve on a case-by-case basis any such alternate that is found to be satisfactory and does not lessen provisions for safety or health required by this Code.

. . .

SECTION 5. Section 690.19 is hereby added to Article 690 to read as follows:

Sec. 690.19 Disconnecting Means for Multiple Arrays.

Where more than one array is combined to form a single output, a disconnecting means rated for the output shall be installed immediately adjacent to the combiner box on the output side.

EXCEPTION 1: If the combiner box is located adjacent to the inverter(s), the disconnecting means as stated above shall not be required.

EXCEPTION 2: For a single-family dwelling with PV system rated up to 10 KW.

SECTION 6. The provisions of this ordinance contain additions to the 2010 Edition of 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 the additions to requirements contained in the building standards published in the California Electrical Code contained in this ordinance 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.

ELECTRICAL CODE AMENDMENTS

CODE SECTION	CONDITION	EXPLANATION
690.19	Geological	Emergency situations caused by seismic events may require the disconnection of electrical power in a building. Presently, the CEC does not require a disconnecting means for conductors for multi-arrayed solar photovoltaic systems.

SECTION 7. This ordinance shall become operative on January 1, 2011.

[TITLE27MYCC]

SECTION 8. This ordinance shall be published in The Daily Commerce a newspaper printed and published in the County of Los Angeles.

Chair

ATTEST:

Sachi A. Hamai
Executive Officer -
Clerk of the Board of Supervisors
County of Los Angeles

I hereby certify that at its meeting of November 23, 2010 the foregoing ordinance was adopted by the Board of Supervisors of said County of Los Angeles by the following vote, to wit:

	Ayes		Noes
Supervisors	Mark Ridley-Thomas	Supervisors	None
	Zev Yaroslavsky		
	Don Knabe		
	Michael D. Antonovich		
	Gloria Molina		

Effective Date: December 23, 2010

Operative Date: January 1, 2011

Sachi A. Hamai
Executive Officer -
Clerk of the Board of Supervisors
County of Los Angeles

I hereby certify that pursuant to Section 25103 of the Government Code, delivery of this document has been made.

SACHI A. HAMAI
Executive Officer
Clerk of the Board of Supervisors

By _____
Deputy

APPROVED AS TO FORM:
ANDREA SHERIDAN ORDIN
County Counsel

By _____
Leela Kapur
Chief Deputy County Counsel

S:\Ordinances\County Counsel\2010\2010-0054