

Agenda Report



Date: January 12, 2016
To: Jeffrey W. Collier, City Manager
From: Conal McNamara, Director of Community Development
Subject: Energy Efficiency Guidelines

RECOMMENDATION

It is recommended the City Council conduct second reading and adopt Ordinance No. 3046 for energy efficiency guidelines.

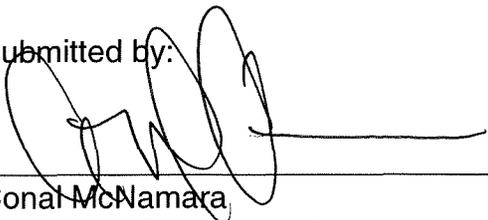
BACKGROUND

All modifications to the City of Whittier Municipal Code must be adopted by the City Council by ordinance. Moreover, State law requires that a second reading and adoption of all contemplated ordinances must be made by the local legislative authority (City Council). Upon the approval of the second reading of Ordinance No. 3046 and filing with the California Building Standards Commission, the new ordinance will become effective 30 days thereafter.

FISCAL IMPACT

Publication of the ordinance approved by Council is estimated to be less than \$1,000.

Submitted by:



Conal McNamara
Director of Community Development

Prepared by:



Carlos Yado
Building Services Manager/Building Official

Attachment: A – Ordinance No. 3046 Energy Efficiency Guidelines

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100

ORDINANCE NO. 3046

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF WHITTIER, CALIFORNIA, ADDING CHAPTER 15.36 TO THE MUNICIPAL CODE RELATING TO ENERGY EFFICIENCY GUIDELINES

WHEREAS, Whittier residents should be conscious of energy usage;

WHEREAS, more efficient buildings can conserve energy, reduce stress on the electrical grid and natural gas supplies while saving money and resources for Whittier residents;

WHEREAS, the existing locally adopted 2013 California Energy Code and 2013 California Green Building Code do not include requirements for new development of single family residential structures;

WHEREAS, the City Council finds that it is in the interest of the health, safety, and welfare of the public to provide an energy efficient guideline; and

WHEREAS, pursuant to Health and Safety Code, the City has published notice in the *Whittier Daily News* that the City Council will consider enacting an ordinance to adopt and require all new residential construction to comply with the requirements outlined herein this ordinance.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF WHITTIER, CALIFORNIA, DOES ORDAIN AS FOLLOWS:

SECTION 1. Chapter 15.36 (“New Residential Energy Guidelines”) of Title 15 (“Building and Construction”) of the Whittier Municipal Code is hereby added as follows:

Chapter 15.36 – NEW RESIDENTIAL ENERGY GUIDELINES

15.36.010 – Intent and Purpose.

The intent and purpose of this chapter is to encourage energy efficiency improvements. This chapter is designed to promote an energy efficient infrastructure for residential units, minimizing costs to property owners and the City, and expanding the ability of property owners to conserve energy. This chapter allows the City to achieve these goals while protecting the public health and safety.

15.36.020 - Applicability.

This chapter should serve as a guideline for all new residential homes in the City. Existing modifications to residential or alterations that are undertaken that materially change the size, type, or components of energy efficiency standards in such a way as to require new permitting.

15.36.030. - Energy Efficiency Requirements.

- A. All energy efficiency measures shall meet applicable health and safety standards and requirements imposed by the City and the State of California.
- B. The main electrical service for residential buildings should have a rating no less than 200 amps or greater to accommodate future improvements.
- C. The main electrical panel should have a minimum 3/4" conduit routed to the rooftop for future solar installation.
- D. The main electrical panel should have a minimum 3/4" conduit routed to an enclosed garage for future electric vehicle charging station installation
- E. The single family residence should have a solar zone dedicated on the roof oriented between 110 degrees and 270 degrees of true north. The recommended minimum solar area should be 250 square feet.
- F. Water heating systems to serve individual dwelling units should be installed using solar hot water heating systems.

SECTION 2. Any provision of the Whittier Municipal Code or appendices thereto inconsistent with the provisions of the Ordinance, to the extent of such inconsistencies and no further, are repealed or modified to that extent necessary to affect the provisions of this Ordinance.

SECTION 3. If any section, subsection, sentence, clause, phrase, or portion of this Ordinance is for any reason held to be invalid or unconstitutional by the decision of any court of competent jurisdiction, such decision shall not affect the validity of the remaining portions of this Ordinance. The City Council of the City of Whittier hereby declares that it would have adopted this Ordinance and each section, subsection, sentence, clause, phrase or portion thereof irrespective of the fact that any one or more sections, subsections, sentences, clauses, phrases, or portions be declared invalid or unconstitutional.

SECTION 4. The Mayor shall sign and the City Clerk-Treasurer shall attest to the passage of this Ordinance. The City Clerk-Treasurer shall cause the same to be published once in the official newspaper within 15 days after its adoption. This Ordinance shall become effective 30 days from its adoption.

APPROVED AND ADOPTED this _____ day of _____ 2016.

FERNANDO DUTRA, Mayor

ATTEST:

KATHRYN A. MARSHALL
City Clerk-Treasurer