

1 **CITY OF SANTA FE, NEW MEXICO**

2 **RESOLUTION NO. 2010-63**

3 **INTRODUCED BY:**

4
5 Councilor Calvert

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10 **A RESOLUTION**

11 **AMENDING THE ADMINISTRATIVE PROCEDURES FOR THE SANTA FE**
12 **RESIDENTIAL GREEN BUILDING CODE TO CREATE A GRADUATED HOME**
13 **ENERGY RATING SYSTEM (HERS) REQUIREMENT BASED ON HEATED SQUARE**
14 **FOOTAGE.**

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16 **WHEREAS**, on March 11, 2009, the Governing Body adopted the administrative
17 procedures for the Santa Fe Residential Green Building Code by Resolution No. 2009-42; and

18 **WHEREAS**, on July 8, 2009, the Governing Body adopted Resolution No. 2009-73
19 amending the administrative procedures for the Santa Fe Residential Green Building Code; and

20 **WHEREAS**, the Governing Body desires to amend the administrative procedures to
21 create a graduated home energy rating system (HERS) requirement based on heated square
22 footage.

23 **NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BODY OF THE**
24 **CITY OF SANTA FE that** the Administrative Procedures for the Santa Fe Residential Green
25 Building Code are amended as follows:

1 1. Section 3.1 regarding integrated energy efficient design is amended to read:

2 **3.1 Integrated energy-efficient design**

3 REQUIREMENTS – The home must meet the following conditions in 3.1.1 through 3.1.6 below
4 and achieve at least a HERS score as required by the size of the home you are building (i.e.
5 HERS of 70 for homes 3,000 heated s.f. or under).

6 2. The first paragraph in Section 3.2 Measured performance is amended to read:

7 3.2.1. Home performs at X% of energy savings as compared to the RESNET model home (Must
8 use ASTM test for thermal conductance for R-values, not effective R-values that are sometimes
9 provided. For materials for which not test has yet been conducted, R-value must be calculated
10 using the R-values of the component materials.) The home must achieve the score required based
11 on the heated square feet or lower.

12 3. Section 3.3.1 is amended to read:

13 3.3.1. One point will be given for each point below the HERS Index of 100 (i.e., A HERS index
14 of 70 will get $100-70=30$ points).

15 Intent:

16 A core intent of the code is to reduce greenhouse gas emissions associated with the energy
17 requirements for building operations. By giving points for every point below 100, builders will be
18 encouraged to maximize the energy efficiency of the residence.

19 Additional Information / How to Implement:

20 The projected HERS index must be calculated using standard professional practices of HERS
21 professionals. In doing so, it can be reasonably expected that the confirmed HERS index will be
22 at or better than the projected index. Therefore, the applicant may take one point for every point
23 below 100. For example, if a home is required to get an index of 70 and the projected HERS
24 index comes in at 62, the applicant may take 38 points for this item (the difference between 100
25 and 62).

1 PASSED, APPROVED, and ADOPTED this 28th day of July, 2010.

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3 David Cross

4 DAVID COSS, MAYOR

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6 ATTEST:

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8 Volanda Y. Vigil
9 VOLANDA Y. VIGIL, CITY CLERK

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11 APPROVED AS TO FORM:

12 Geno Zamora
13
14 GENO ZAMORA, CITY ATTORNEY