ORDINANCE NO. 20071018-087

AN ORDINANCE REPEALING AND REPLACING ARTICLE 8 OF CHAPTER 25-12 OF THE CITY CODE (SOLAR ENERGY CODE) TO ADOPT THE UNIFORM SOLAR ENERGY CODE, 2006 EDITION AND LOCAL AMENDMENTS TO THE 2006 UNIFORM SOLAR ENERGY CODE.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF AUSTIN:

PART 1. Chapter 25-12 of the City Code is amended to repeal and replace Article 8 (*Solar Energy Code*) to read:

ARTICLE 8. SOLAR ENERGY CODE.

§ 25-12-191 SOLAR ENERGY CODE.

(A) The Uniform Solar Energy Code, 2006 edition, published by the International Association of Plumbing and Mechanical Officials (2006 Uniform Solar Energy Code) is adopted and incorporated into this section with the deletions and amendments in Subsections (B) and (C) and Section 25-12-193 (*Local Amendments to the International Code*).

(B) The following sections and provisions of the 2006 Uniform Solar Energy Code are deleted:

Table 1-1	Section 310.1	Table 11-1
Section 101.3	Section 602.4	Section 1002.12(C) (1)
Section 101.4.1.4	Section 703.1	Section 1002.12(C) (5)
Section 103.4	Section 901.0	

(C) The following definitions in Chapter 2 (*Definitions*) of the 2006 Uniform Solar Energy Code are deleted:

Mechanical Code
Plumbing Code
Swimming Pool Code

(D) The City Clerk shall retain a copy of the 2006 Uniform Solar Energy Code with the official ordinances of the City.

§ 25-12-192 CITATIONS TO THE SOLAR ENERGY CODE.

In the City Code, "Solar Energy Code" means the 2006 Solar Energy Code adopted by Section 25-1-191 (*Solar Energy Code*).

§ 25-12-193 LOCAL AMENDMENTS TO THE SOLAR ENERGY CODE.

The following provisions are local amendments to the 2006 Uniform Solar Energy Code. Each provision in this section is a substitute for the identically numbered provision deleted by Section 25-12-191(B) (*Solar Energy Code*) or is an addition to the 2006 Solar Energy Code.

101.3 Plans Required. The Authority Having Jurisdiction may require the submission of plans, specifications, drawings, and such other information as the Authority Having Jurisdiction may deem necessary, prior to the commencement of, and at any time during the progress of, any work regulated by this code.

The issuance of a building permit upon plans and specifications does not prevent the Authority Having Jurisdiction from thereafter requiring correction of errors in the plans and specifications or from preventing construction operations when the operations are in violation of this code or of any other ordinance or from revoking any certificate of approval when issued in error.

101.4.1.4 Conflicts Between Codes. If a requirement of this code conflicts with a requirement of the currently adopted plumbing, mechanical, electrical, building, or fire code, the most stringent requirement applies.

101.4.1.5 Other Laws. The provisions of this code do not nullify any provision of local, state or federal law.

214.0 Mechanical Code. For the purpose of this code, the Mechanical Code shall mean the currently adopted Mechanical Code.

217.0 Plumbing Code. For the purpose of this code, the Plumbing Code shall mean the currently adopted Plumbing Code.

310.1 All design, construction, and workmanship shall be in conformity with accepted engineering practices and shall be of such character as to secure the results sought to be obtained by the codes adopted by this jurisdiction.

602.4 Minimum Capacity of Closed-Type Tank. The minimum capacity of the closed-type expansion tank shall be determined in accordance with the requirements of the Mechanical Code.

703.1 Materials within collectors exposed to circulating air shall have a flame spread rating of not more than 25 and a smoke developed rating not more than 50, when tested in accordance with ASTM E84-84 or ANSI/UL723 (*Standard for Test for Surface Burning Characteristics of Building Materials*) or as a composite product in accordance with NFPA 255 (*Standard Method of Test of Surface Burning Characteristics of Building Materials*), ASTM E84-2001, or ANSI/UL723—96.

901.0 Installation. Solar system ducts shall be installed in accordance with the requirements of the Mechanical Code.

1002.12(C)(1) Location. The photovoltaic disconnecting means shall be installed at a readily accessible location either on the outside of a building or structure or inside nearest the point of entrance of the system conductors. [NFPA 70:690.14(C)(1) (*Solar Photovoltaic Locations, Additional Provisions*)].

> **Exception:** For an installation that complies with Section 1002.17(E) (*Direct-Current Photovoltaic Source and Output Circuits Inside a Building*), the photovoltaic disconnecting means shall be installed at a readily assessable location separate from the point of entry of the system conductors. There shall be two disconnecting means for the array. The main disconnect means shall be provided for each array adjacent to the main service to the structure. The secondary disconnect means shall be located on the roof adjacent to the array and in sight of the array location. The main and secondary means of disconnect shall be a manual load break fusible disconnect switch. The manual load break fusible disconnect switch shall be provided with a clear indication of the switch position. The manual load break fusible disconnect is required to provide a separation point, and must be capable of being locked in the open position.
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> The photovoltaic system disconnecting means shall not be installed in bathrooms.

1002.12(C)(5) Grouping. The photovoltaic system disconnecting means shall be grouped with other disconnecting means for the system to comply with Section 1002.12 (C)(4) (*Maximum Number of Disconnects*). A photovoltaic disconnecting means shall be required at the photovoltaic module or array location. [NFPA 70:690.14 (C)(5) (*Solar Photovoltaic Locations, Additional Provisions*)].

PART 2. This ordinance takes effect on January 1, 2008.

PASSED AND APPROVED

October 18, 2007

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Will Wynn
Mayor

APPROVED:

David Smith
City Attorney

ATTEST:

Shirley Gentry
City Clerk