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By the Committees on Regulated Industries; Community Affairs; and Senator Constantine

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A bill to be entitled

An act relating to energy efficiency and conservation; amending s. 163.04, F.S.; revising provisions authorizing the use of solar collectors and other energy devices; amending s. 163.3177, F.S.; revising requirements for the future land use element of a local comprehensive plan to include energy-efficient land use patterns; requiring that the traffic-circulation element of a local comprehensive plan incorporate transportation strategies to reduce greenhouse gas emissions; requiring each unit of local government within an urbanized area to amend the transportation element of a local comprehensive plan to incorporate transportation strategies addressing reduction in greenhouse gas emissions; requiring local governments to adopt an energy element by January, 2011, as part of a local comprehensive plan; amending s. 553.36, F.S.; redefining the term "manufactured building" for purposes of the Florida Manufactured Building Act to include modular and factory-built buildings; amending s. 553.73, F.S.; expanding required codes to be included in Florida Building Code updates; amending s. 553.74., F.S.; revising requirements for selecting members of the Florida Building Commission; revising membership of the commission; deleting obsolete provisions; amending s. 553.75, F.S.; authorizing the Florida Building Commission to use communications media technology in conducting its meetings or meetings held in conjunction with commission meetings; providing for public comment at meetings of the commission; amending s. 553.77, F.S.; authorizing the

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commission to implement recommendations relating to energy efficiency in residential and commercial buildings; creating s. 553.886, F.S.; requiring that the Florida Building Code facilitate and promote the use of certain renewable energy technologies in buildings; creating s. 553.9061, F.S.; establishing a schedule of required increases in the energy performance of buildings subject to the Florida Building Code; providing a process for implementing goals to increase energy-efficiency performance in new buildings; providing a schedule for the implementation of such goals; identifying energyefficiency performance options and elements available to meet energy-efficiency performance requirements; providing a schedule for the review and adoption of renewable energy-efficiency goals by the commission; requiring the commission to conduct a study to evaluate the energyefficiency rating of new buildings and appliances; requiring the commission to submit a report to the President of the Senate and the Speaker of the House of Representatives on or before a specified date; requiring the commission to conduct a study to evaluate opportunities to restructure the Florida Energy Code for Building Construction, including the integration of the Thermal Efficiency Code, the Energy Conservation Standards Act, and the Florida Building Energy-Efficiency Rating Act; requiring the commission to submit a report to the President of the Senate and the Speaker of the House of Representatives on or before a specified date; directing the Department of Community Affairs, in conjunction with

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the Florida Energy Affordability Council, to identify and review issues relating to the Low-Income Home Energy Assistance Program and the Weatherization Assistance Program; requiring the submission of a report to the President of the Senate and the Speaker of the House of Representatives on or before a specified date; providing for the expiration of certain study requirements; repealing s. 553.731 F.S.; relating to wind-borne debris protection requirements; amending s. 718.113, F.S.; authorizing the board of a condominium or a multicondominium install solar collectors, clotheslines, or other energy-efficient devices on association property; providing an effective date.

Be It Enacted by the Legislature of the State of Florida:

Section 1. Subsection (2) of section 163.04, Florida Statutes, is amended to read:

163.04 Energy devices based on renewable resources. --

(2) A deed restriction, covenant, declaration, or similar

binding agreement may not No deed restrictions, covenants, or similar binding agreements running with the land shall prohibit or have the effect of prohibiting solar collectors, clotheslines, or other energy devices based on renewable resources from being installed on buildings erected on the lots or parcels covered by the deed restriction, covenant, declaration, or binding agreement restrictions, covenants, or binding agreements. A property owner may not be denied permission to install solar collectors or other

energy devices based on renewable resources by any entity granted

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the power or right in any deed restriction, covenant, declaration, or similar binding agreement to approve, forbid, control, or direct alteration of property with respect to residential dwellings including condominium units. not exceeding three stories in height. For purposes of this subsection, Such entity may determine the specific location where solar collectors may be installed on the roof within an orientation to the south or within 45° east or west of due south if provided that such determination does not impair the effective operation of the solar collectors.

Section 2. Paragraphs (a), (b), and (j) of subsection (6) of section 163.3177, Florida Statutes, are amended, and paragraph (1) is added to that subsection, to read:

- 163.3177 Required and optional elements of comprehensive plan; studies and surveys.--
- (6) In addition to the requirements of subsections (1)-(5) and (12), the comprehensive plan shall include the following elements:
- (a) A future land use plan element designating proposed future general distribution, location, and extent of the uses of land for residential uses, commercial uses, industry, agriculture, recreation, conservation, education, public buildings and grounds, other public facilities, and other categories of the public and private uses of land. Counties are encouraged to designate rural land stewardship areas, pursuant to the provisions of paragraph (11)(d), as overlays on the future land use map. Each future land use category must be defined in terms of uses included, and must include standards to be followed in the control and distribution of population densities and

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building and structure intensities. The proposed distribution, location, and extent of the various categories of land use shall be shown on a land use map or map series which shall be supplemented by goals, policies, and measurable objectives. The future land use plan shall be based upon surveys, studies, and data regarding the area, including the amount of land required to accommodate anticipated growth; the projected population of the area; the character of undeveloped land; the availability of water supplies, public facilities, and services; the need for redevelopment, including the renewal of blighted areas and the elimination of nonconforming uses which are inconsistent with the character of the community; the compatibility of uses on lands adjacent to or closely proximate to military installations; the discouragement of urban sprawl; energy-efficient land use patterns; and, in rural communities, the need for job creation, capital investment, and economic development that will strengthen and diversify the community's economy. The future land use plan may designate areas for future planned development use involving combinations of types of uses for which special regulations may be necessary to ensure development in accord with the principles and standards of the comprehensive plan and this act. The future land use plan element shall include criteria to be used to achieve the compatibility of adjacent or closely proximate lands with military installations. In addition, for rural communities, the amount of land designated for future planned industrial use shall be based upon surveys and studies that reflect the need for job creation, capital investment, and the necessity to strengthen and diversify the local economies, and shall not be limited solely by the projected population of the rural community. The

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future land use plan of a county may also designate areas for possible future municipal incorporation. The land use maps or map series shall generally identify and depict historic district boundaries and shall designate historically significant properties meriting protection. For coastal counties, the future land use element must include, without limitation, regulatory incentives and criteria that encourage the preservation of recreational and commercial working waterfronts as defined in s. 342.07. The future land use element must clearly identify the land use categories in which public schools are an allowable use. When delineating the land use categories in which public schools are an allowable use, a local government shall include in the categories sufficient land proximate to residential development to meet the projected needs for schools in coordination with public school boards and may establish differing criteria for schools of different type or size. Each local government shall include lands contiquous to existing school sites, to the maximum extent possible, within the land use categories in which public schools are an allowable use. The failure by a local government to comply with these school siting requirements will result in the prohibition of the local government's ability to amend the local comprehensive plan, except for plan amendments described in s. 163.3187(1)(b), until the school siting requirements are met. Amendments proposed by a local government for purposes of identifying the land use categories in which public schools are an allowable use are exempt from the limitation on the frequency of plan amendments contained in s. 163.3187. The future land use element shall include criteria that encourage the location of schools proximate to urban residential areas to the extent

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possible and shall require that the local government seek to collocate public facilities, such as parks, libraries, and community centers, with schools to the extent possible and to encourage the use of elementary schools as focal points for neighborhoods. For schools serving predominantly rural counties, defined as a county with a population of 100,000 or fewer, an agricultural land use category shall be eligible for the location of public school facilities if the local comprehensive plan contains school siting criteria and the location is consistent with such criteria. Local governments required to update or amend their comprehensive plan to include criteria and address compatibility of adjacent or closely proximate lands with existing military installations in their future land use plan element shall transmit the update or amendment to the department by June 30, 2006.

- (b) A traffic circulation element consisting of the types, locations, and extent of existing and proposed major thoroughfares and transportation routes, including bicycle and pedestrian ways. Transportation corridors, as defined in s. 334.03, may be designated in the traffic circulation element pursuant to s. 337.273. If the transportation corridors are designated, the local government may adopt a transportation corridor management ordinance. The traffic circulation element shall incorporate transportation strategies to address reduction in greenhouse gas emissions from the transportation sector.
- (j) For each unit of local government within an urbanized area designated for purposes of s. 339.175, a transportation element, which shall be prepared and adopted in lieu of the

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requirements of paragraph (b) and paragraphs (7)(a), (b), (c), and (d) and which shall address the following issues:

- 1. Traffic circulation, including major thoroughfares and other routes, including bicycle and pedestrian ways.
- 2. All alternative modes of travel, such as public transportation, pedestrian, and bicycle travel.
  - 3. Parking facilities.
- 4. Aviation, rail, seaport facilities, access to those facilities, and intermodal terminals.
- 5. The availability of facilities and services to serve existing land uses and the compatibility between future land use and transportation elements.
- 6. The capability to evacuate the coastal population prior to an impending natural disaster.
- 7. Airports, projected airport and aviation development, and land use compatibility around airports.
- 8. An identification of land use densities, building intensities, and transportation management programs to promote public transportation systems in designated public transportation corridors so as to encourage population densities sufficient to support such systems.
- 9. May include transportation corridors, as defined in s. 334.03, intended for future transportation facilities designated pursuant to s. 337.273. If transportation corridors are designated, the local government may adopt a transportation corridor management ordinance.
- 10. The incorporation of transportation strategies to address reduction in greenhouse gas emissions from the transportation sector.

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(1) By January 1, 2011, an energy element consisting of existing and future electric power generation and transmission systems. Additionally, the energy element must address efforts to encourage the following:

- 1. Energy conservation;
- Energy efficiency;
- 3. Use of renewable energy resources; and
- 4. Greenhouse gas reduction strategies.

Section 3. Subsection (13) of section 553.36, Florida Statutes, is amended to read:

553.36 Definitions.--The definitions contained in this section govern the construction of this part unless the context otherwise requires.

(13) "Manufactured building" means a closed structure, building assembly, or system of subassemblies, which may include structural, electrical, plumbing, heating, ventilating, or other service systems manufactured in manufacturing facilities for installation or erection as a finished building or as part of a finished building, which shall include, but not be limited to, residential, commercial, institutional, storage, modular, and factory-built buildings and industrial structures. The term includes buildings not intended for human habitation such as lawn storage buildings and storage sheds manufactured and assembled offsite by a manufacturer certified in conformance with this part. This part does not apply to mobile homes.

Section 4. Paragraph (a) of subsection (6) of section 553.73, Florida Statutes, is amended to read:

553.73 Florida Building Code.--

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(6)(a) The commission, by rule adopted pursuant to ss. 120.536(1) and 120.54, shall update the Florida Building Code every 3 years. When updating the Florida Building Code, the commission shall select the most current version of the International Building Code, the International Fuel Gas Code, the International Mechanical Code, the International Plumbing Code, the International Energy Conservation Code, and the International Residential Code, all of which are adopted by the International Code Council, and the National Electrical Code, which is adopted by the National Fire Protection Association, to form the foundation codes of the updated Florida Building Code, if the version has been adopted by the applicable model code entity and made available to the public at least 6 months prior to its selection by the commission.

Section 5. Subsections (1) and (2) of section 553.74, Florida Statutes, are amended to read:

553.74 Florida Building Commission.--

- (1) The Florida Building Commission is created and shall be located within the Department of Community Affairs for administrative purposes. Members shall be appointed by the Governor subject to confirmation by the Senate. The commission shall be composed of 23 members, consisting of the following:
- (a) One architect registered to practice in this state and actively engaged in the profession. The American Institute of Architects, Florida Section, is encouraged to recommend a list of candidates for consideration.
- (b) One structural engineer registered to practice in this state and actively engaged in the profession. The Florida

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Engineering Society is encouraged to recommend a list of candidates for consideration.

- (c) One air-conditioning or mechanical contractor certified to do business in this state and actively engaged in the profession. The Florida Air Conditioning Contractors Association, the Florida Refrigeration and Air Conditioning Contractors

  Association, and the Mechanical Contractors Association of Florida are encouraged to recommend a list of candidates for consideration.
- (d) One electrical contractor certified to do business in this state and actively engaged in the profession. The Florida Electrical Contractors Association and the National Electrical Contractors Association, Florida Chapter, are encouraged to recommend a list of candidates for consideration.
- (e) One member from fire protection engineering or technology who is actively engaged in the profession. The Florida Chapter of the Society of Fire Protection Engineers and the Florida Fire Marshals and Inspectors Association are encouraged to recommend a list of candidates for consideration.
- (f) One general contractor certified to do business in this state and actively engaged in the profession. The Associated Builders and Contractors of Florida, the Florida Associated General Contractors Council, and the Union Contractors Association are encouraged to recommend a list of candidates for consideration.
- (g) One plumbing contractor licensed to do business in this state and actively engaged in the profession. The Florida

  Association of Plumbing, Heating, and Cooling Contractors is encouraged to recommend a list of candidates for consideration.

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(h) One roofing or sheet metal contractor certified to do business in this state and actively engaged in the profession.

The Florida Roofing, Sheet Metal and Air Conditioning Contractors

Association and the Sheet Metal and Air Conditioning Contractors

National Association are encouraged to recommend a list of candidates for consideration.

- (i) One residential contractor licensed to do business in this state and actively engaged in the profession. The Florida Home Builders Association is encouraged to recommend a list of candidates for consideration.
- (j) Three members who are municipal or district codes enforcement officials, one of whom is also a fire official. The Building Officials Association of Florida and the Florida Fire Marshals and Inspectors Association are encouraged to recommend a list of candidates for consideration.
- (k) One member who represents the Department of Financial Services.
- (1) One member who is a county codes enforcement official.

  The Building Officials Association of Florida is encouraged to recommend a list of candidates for consideration.
- (m) One member of a Florida-based organization of persons with disabilities or a nationally chartered organization of persons with disabilities with chapters in this state.
- (n) One member of the manufactured buildings industry who is licensed to do business in this state and is actively engaged in the industry. The Florida Manufactured Housing Association is encouraged to recommend a list of candidates for consideration.
- (o) One mechanical or electrical engineer registered to practice in this state and actively engaged in the profession.

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The Florida Engineering Society is encouraged to recommend a list of candidates for consideration.

- (p) One member who is a representative of a municipality or a charter county. The Florida League of Cities and Florida

  Association of Counties are encouraged to recommend a list of candidates for consideration.
- (q) One member of the building products manufacturing industry who is authorized to do business in this state and is actively engaged in the industry. The Florida Building Material Association, Florida Concrete and Products Association, and Fenestration Manufacturers Association are encouraged to recommend a list of candidates for consideration.
- (r) One member who is a representative of the building owners and managers industry who is actively engaged in commercial building ownership or management. The Building Owners and Managers Association is encouraged to recommend a list of candidates for consideration.
- (s) One member who is a representative of the insurance industry. The Florida Insurance Council is encouraged to recommend a list of candidates for consideration.
  - (t) One member who is a representative of public education.
- (u) One member who is a swimming pool contractor licensed to do business in this state and actively engaged in the profession. The Florida Swimming Pool Association and the United Pool and Spa Association are encouraged to recommend a list of candidates for consideration who shall be the chair.

The Governor shall designate one of the 23 members to serve as the chair of the commission who shall serve as the chair at the

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pleasure of the Governor. Any person serving on the commission under paragraph (c) or paragraph (h) on October 1, 2003, and who has served less than two full terms is eligible for reappointment to the commission regardless of whether he or she meets the new qualification.

- that of the chair who shall serve at the pleasure of the Governor. Each person who is a member of the Board of Building Codes and Standards on the effective date of this act shall serve the remainder of their term as a member of the Florida Building Commission. Except for the chair, newly created positions on the Florida Building Commission shall be appointed after February 1, 1999. A vacancy shall be filled for the remainder of the unexpired term. Any member who shall, during his or her term, cease to meet the qualifications for original appointment, through ceasing to be a practicing member of the profession indicated or otherwise, shall thereby forfeit membership on the commission.
- Section 6. Section 553.75, Florida Statutes, is amended to read:
- 553.75 Organization of commission; rules and regulations; meetings; staff; fiscal affairs; public comment.--
- (1) The commission shall meet on call of the secretary. The commission shall annually elect from its appointive members such officers as it may choose.
- (2) The commission shall meet at the call of its chair, at the request of a majority of its membership, at the request of the department, or at such times as may be prescribed by its rules. The members shall be notified in writing of the time and

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place of a regular or special meeting at least 7 days in advance of the meeting. A majority of members of the commission shall constitute a quorum.

- of administrative and staff support services relating to the functions of the commission. With respect to matters within the jurisdiction of the commission, the department shall be responsible for the implementation and faithful discharge of all decisions of the commission made pursuant to its authority under the provisions of this part. The department is specifically authorized to use communications media technology in conducting meetings of the commission or any meetings held in conjunction with meetings of the commission.
- (4) Meetings of the commission shall be conducted so as to encourage participation by interested persons in attendance. At a minimum, the commission shall provide one opportunity for interested members of the public in attendance at a meeting to comment on each proposed action of the commission before a final vote is taken on any motion.
- Section 7. Present subsection (5) of section 553.77, Florida Statutes, is renumbered as subsection (6), and a new subsection (5) is added to that section, to read:
  - 553.77 Specific powers of the commission.--
- (5) The commission may implement its recommendations delivered pursuant to subsection (2) of section 48 of chapter 2007-73, Laws of Florida, by amending the Florida Energy Efficiency Code for Building Construction as provided in s. 553.901.

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Section 8. Section 553.886, Florida Statutes, is created to read:

553.886 Energy-efficiency technologies.--The provisions of the Florida Building Code must facilitate and promote the use of cost-effective energy conservation, energy-demand management, and renewable energy technologies in buildings.

Section 9. Section 553.9061, Florida Statutes, is created to read:

553.9061 Scheduled increases in thermal efficiency standards.--

- increases in the energy-efficiency performance of buildings that are subject to the requirements for energy efficiency as contained in the current edition of the Florida Building Code.

  The Florida Building Commission shall implement the following energy-efficiency goals using the triennial code-adoption process established for updates to the Florida Building Code in s.

  553.73:
- (a) Include requirements in the 2010 edition of the Florida Building Code to increase the energy-efficiency performance of new buildings by at least 20 percent as compared to the performance achieved as a result of the implementation of the energy-efficiency provisions contained in the 2004 edition of the Florida Building Code, as amended on May 22, 2007;
- (b) Include requirements in the 2013 edition of the Florida

  Building Code to increase the energy-efficiency performance of

  new buildings by at least 30 percent as compared to the

  performance achieved as a result of the implementation of the

  energy-efficiency provisions contained in the 2004 edition of the

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Florida Building Code, as amended on May 22, 2007;

- (c) Include requirements in the 2016 edition of the Florida

  Building Code to increase the energy-efficiency performance of

  new buildings by at least 40 percent as compared to the

  performance achieved as a result of the implementation of the

  energy-efficiency provisions contained in the 2004 edition of the

  Florida Building Code, as amended on May 22, 2007; and
- (d) Include requirements in the 2019 edition of the Florida
  Building Code to increase the energy-efficiency performance of

  new buildings by at least 50 percent as compared to the

  performance achieved as a result of the implementation of the
  energy-efficiency provisions contained in the 2004 edition of the
  Florida Building Code, as amended on May 22, 2007.
- (2) The commission shall identify in any code-support and compliance documentation the specific building options and elements available to meet the energy-efficiency performance requirements required under subsection (1). Energy-efficiency performance options and elements include, but are not limited to:
  - (a) Solar water heating;
  - (b) Energy-efficient appliances;
  - (c) Energy-efficient windows, doors, and skylights;
  - (d) Low solar-absorption roofs, also known as "cool roofs";
  - (e) Enhanced ceiling and wall insulation;
  - (f) Reduced-leak duct systems;
  - (g) Programmable thermostats; and
  - (h) Energy-efficient lighting systems.
- 487 (3) The Florida Energy Commission shall review the energy488 efficiency goals established in subsection (1) at least once

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every 3 years, and such review must be completed before the triennial code-adoption process established in s. 553.73.

Section 10. (1) The Florida Building Commission shall conduct a study to evaluate the energy-efficiency rating of new buildings and appliances. The study must include a review of the current energy-efficiency ratings and consumer labeling requirements contained in chapter 553, Florida Statutes. The commission shall submit a written report of its study to the President of the Senate and the Speaker of the House of Representatives on or before February 1, 2009. The report must contain the commission's recommendations regarding the strengthening and integration of energy-efficiency ratings and labeling requirements.

- Section 11. (1) The Florida Building Commission shall conduct a study to evaluate opportunities to restructure the Florida Energy Efficiency Code for Building Construction to achieve long-range improvements to building energy performance.

  During such study, the commission shall address the integration of the Thermal Efficiency Code established in part V of chapter 553, Florida Statutes, the Energy Conservation Standards Act established in part VI of chapter 553, Florida Building Energy-Efficiency Rating Act established in part VIII of chapter 553, Florida Statutes.
- (2) The commission shall submit a report containing specific recommendations on the integration of the code and acts identified in subsection (1) to the President of the Senate and the Speaker of the House of Representatives on or before February 1, 2009.

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(3) The provisions of this section expire July 1, 2009.

Section 12. (1) The Department of Community Affairs, in conjunction with the Florida Energy Affordability Coalition, shall identify and review issues relating to the Low-Income Home Energy Assistance Program and the Weatherization Assistance Program, and identify recommendations that:

- (a) Support customer health, safety, and well-being;
- (b) Maximize available financial and energy-conservation assistance;
- (c) Improve the quality of service to customers seeking assistance; and
- (d) Educate customers to make informed decisions regarding energy use and conservation.
- (2) On or before January 1, 2009, the department shall report its findings and any recommended statutory changes required to implement such findings to the President of the Senate and the Speaker of the House of Representatives.
  - (3) The provisions of this section expire July 1, 2009. Section 13. Section 553.731, Florida Statutes, is repealed.
- Section 14. Subsection (6) is added to section 718.113, Florida Statutes, to read:
- 718.113 Maintenance; limitation upon improvement; display of flag; hurricane shutters.--
- (6) Notwithstanding the provisions of this section or the governing documents of a condominium or a multicondominium association, the board of administration may, without any requirement for approval of the unit owners, install upon or within the common elements or association property solar

2008560c2 580-05220A-08 546 collectors, clotheslines, or other energy-efficient devices based 547 on renewable resources for the benefit of the unit owners. Section 15. This act shall take effect July 1, 2008. 548

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