

Florida Administrative Code Rules
Florida Solar Energy Center
Effective May 5, 2010

6C7-8.006 Florida Solar Energy Center Operations.

(1) The Florida Solar Energy Center, (herein called the “Center”) shall be administered by the University of Central Florida for and on behalf of the Florida Board of Governors. The Center is located at 1679 Clearlake Road, Cocoa, Florida 32922-5703. The development of standards and testing criteria for solar energy systems, testing and evaluation of the performance of solar energy systems, as described in Section 377.705, F.S., shall be carried out by the Center.

(2) The Center shall operate in accordance with applicable law and regulation. The purpose of the Center shall be to advance research and development in solar energy, to disseminate information on the results of such research, and to engage in projects designed to exemplify the capability of solar energy as a resource for meeting state energy needs.

(3) Copies of all standards and fee schedules published by the Center may be obtained from the Center at its above mailing address or by making an electronic request.

Rulemaking Authority 377.705, 1001.74 FS. Law Implemented 377.705, 1001.74 FS. History—New 5-5-10.

6C7-8.007 Solar Thermal PV Equipment Testing Standards.

(1) The Testing and Standards Program shall apply to solar thermal and PV equipment submitted for testing and evaluation by manufacturers, distributors, or retailers (herein called the “Seller”). Equipment that converts sunlight directly into useful thermal or heat energy shall be designated as thermal collectors. Equipment that converts sunlight directly into useful electrical energy shall be designated as photovoltaic (herein called “PV”) modules. The procedures and requirements for participating in the program shall be those described in FSEC Standard 101-10, “Operation of the Solar Thermal Collector Certification Program” (January 2010), and FSEC Standard 201-10, “Operation of the Photovoltaic Module Performance Certification Program” (January 2010), whichever is applicable. A copy of each of these standards is incorporated in this regulation by reference.

(2) The standards for solar thermal collectors shall be those described in FSEC Standard 102-10, “Test Methods and Minimum Standards for Certifying Solar Thermal Collectors” (January 2010). The standards for PV modules shall be those described in FSEC Standard 202-10, “Test Method for Photovoltaic Module Power Rating” (January 2010). A copy of each of these standards is incorporated in this rule by reference. Sellers are required to meet these standards and have a Label of Certification in accordance with FSEC Standard 101-10 or FSEC Standard 201-10, whichever is applicable, in order to sell certified solar thermal collectors or PV modules in Florida.

(3) The criteria for testing the performance of solar thermal collectors and systems shall be those described in FSEC Standard 102-10 and FSEC Standard 105-10, “Solar Thermal System and Components Test Protocols” (January 2010) is herein incorporated by reference. The criteria for testing the performance of PV modules shall be those described in FSEC Standard 202-10.

(4) Results of tests, as described in FSEC Standard 102-10, FSEC Standard 105-10 and FSEC Standard 202-10, conducted by organizations other than the Center may be accepted by the Center when the testing organization meets the requirements and criteria of FSEC Standard 101-10, FSEC Standard 103-10, “Operation of the Solar Thermal Systems Certification

Program” (January 2010), incorporated herein by reference, or FSEC Standard 201-10, whichever is applicable. The Center may refuse to accept test results from other testing organizations which do not meet these criteria.

Rulemaking Authority 377.705, 1001.74 FS. Law Implemented 377.705, 1001.74 FS. History—New 5-5-10.

6C7-8.008 Solar Thermal Collector and PV Module Certification.

(1) The Center shall provide the artwork for a Label of Certification to the Seller of a solar thermal collector that has met the requirements of FSEC Standard 101-10 and for which there are acceptable performance results, subject to compliance with the provisions of FSEC Standard 102-10. Contents of the Label of Certification shall include but not be limited to:

- (a) Certification that the collector meets the minimum standards of the Center.
- (b) A solar thermal collector performance rating in accordance with FSEC Standard 102-10.
- (c) A measure of the solar thermal collector’s gross area.

(2) The Center shall provide the artwork for a Label of Certification to the Seller of PV modules that have been tested in compliance with the provisions of FSEC Standard 202-10. Contents of the label shall include PV module performance rating in accordance with FSEC Standard 201-10.

(3) As a condition of displaying a Label of Certification on a solar thermal collector or PV module documentation, the Seller must have received the artwork for the Label of Certification from the Center for that same model thermal collector or PV module, and shall only apply that Label of Certification to that specific model of the thermal collector or PV module.

(4) The contents and format of the artwork for the Label of Certification may be revised as deemed necessary by the Center.

Rulemaking Authority 377.705, 1001.74 FS. Law Implemented 377.705, 1001.74 FS. History—New 5-5-10.

6C7-8.009 Fees for Solar Testing, Certification, Inspection, and Other Related Services.

Fees sufficient to cover the costs of tests, certifications, inspections, and other services relating to solar equipment performed by the Center shall be collected by the Center prior to the performance of such tests, certifications, inspections, or other services. The Center shall maintain one or more fee schedules containing testing and certification fees; fee schedules for FSEC PV System Fee Schedule (April 2009) “Photovoltaic Equipment Certification” and FSEC Solar Thermal Fee Schedule (January 2010) “Solar Thermal Collector Testing, System Testing & Certification”, herein incorporated by reference, may be updated as necessary to cover the costs of procedures.

Rulemaking Authority 377.705, F.S., 1001.74 FS. Law Implemented 377.705, F.S., 1001.74 FS. History—New 5-17-10.

6C7-8.010 Solar Thermal and Photovoltaic System Standards and Certification.

The Solar Thermal and PV System Certification Program applies to systems required by this regulation to be submitted to the Center by the Seller for evaluation and approval. Requirements for approval shall be those described in FSEC Standard 104-10, “Florida System Standards for Design and Installation of Solar Thermal Systems” (January 2010) or FSEC Standard 203-10,

“Procedures for Photovoltaic System Design Review and Approval” (January 2010), whichever is applicable. A copy of each of these standards is incorporated in this regulation by reference.

(1) The System Approval Certificate will include but not be limited to:

(a) Identification of the primary and alternate major components of the system.

(b) A diagram of the system.

(2) As a condition of receiving the System Approval Certificate, the Seller shall submit specifications and application information pertaining to major components of the system and an owner’s manual describing installation, operation and maintenance for the system and its major components.

(3) The contents and format of the System Approval Certificate may be revised as deemed necessary by the Center.

Rulemaking Authority 377.05, 1001.74 FS. Law Implemented 377.05, 1001.74 FS. History—New 5-5-10.