



Tax Information Publication

**TIP**

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### **Solar Energy Systems Sales and Use Tax Exemption**

Florida law exempts solar energy systems, and all components of such systems, from sales and use tax. The term “solar energy system” means the equipment and requisite hardware that provide and are used for collecting, transferring, converting, storing, or using incident solar energy for water heating, space heating and cooling, or other applications that would otherwise require the use of a conventional source of energy such as petroleum products, natural gas, manufactured gas, or electricity.

A list of equipment and requisite hardware considered to be a solar energy system or component thereof is included for your reference.

Sellers of solar energy systems or components thereof are required to document exempt sales. The following is a suggested form to be completed by the purchaser and presented to the seller:

The undersigned hereby certifies that all equipment and requisite hardware purchased or leased on the attached order is purchased or leased for use exclusively in a solar energy system.

Purchaser's Name \_\_\_\_\_

Address \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

**References: Sections 212.02(26) and 212.08(7)(hh), Florida Statutes**

#### **For More Information**

This document is intended to alert you to the requirements contained in Florida laws and administrative rules. It does not by its own effect create rights or require compliance.

For forms and other information, visit the Department's website at [floridarevenue.com](http://floridarevenue.com) or call Taxpayer Services at (850) 488-6800, Monday through Friday (excluding holidays).

For a detailed written response to your questions, write the Florida Department of Revenue, Taxpayer Services MS 3-2000, 5050 West Tennessee Street, Tallahassee, FL 32399-0112.

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The Florida Solar Energy Center certifies to the Department of Revenue the following list of equipment eligible for the solar energy sales tax exemption, pursuant to Section 212.08(7)(hh), Florida Statutes.

## **SOLAR ENERGY SYSTEM COMPONENTS**

### **COLLECTOR**

The purpose of a solar collector in thermal applications is to gather radiant energy from the sun and transfer it in the form of heat to a fluid for the purpose of domestic water heating, pool heating, space heating and cooling. A collector may consist of an absorber plate and tubing which may or may not be enclosed in an insulated box with a transparent cover. The collector provides the primary energy input to the system. Solar electric systems considered eligible for the exemption collect the light energy from the sun and convert it to electricity. A solar photovoltaic powered attic fan ventilation system is eligible. A pool blanket is eligible as a "passive" solar collector whether used in conjunction with or independently from an active solar pool system.

Typical Materials Cover plate: glass, resin, fiberglass, plastic, vinyl; Absorber and tubing: copper, galvanized steel, aluminum, plastic, rubber; Coating: non-selective, moderately selective, and selective; Insulation: polyisocyanurate, homasote, urethane, ductboards, fiberglass; Box: aluminum, galvanized steel, exterior grade wood, molded fiberglass; Photovoltaic Array: photovoltaic modules.

### **PUMP AND CONTROLS**

The equipment that regulates the circulation of the fluid between the storage medium and the collector; air pump.

Typical Materials Pump: bronze, brass, stainless steel, cast iron; Controller: solid state transistorized controller, sensors, timer, snap switches, and photovoltaic modules.

### **PHOTOVOLTAIC POWER CONDITIONING EQUIPMENT**

The equipment that receives the direct current from the photovoltaic array, converts it to alternating current for consumption and/or transfer to the electric utility grid.

Typical Materials Inverters, transformers, junction boxes, meters, maximum power trackers, converters, and charge controllers.

### **STORAGE UNIT**

The equipment that receives thermal energy, or direct current in the case of a solar electric system, and retains it for future use.

Typical Materials Conventional tank, solar specific tank, tank equipped with heat exchanger, expansion tank, heat storage by phase change material, desiccants, batteries, regulators, mechanical housing and venting.

### **ACCESSORIES**

When used as an integral part of a solar system: Piping, insulation, air vents, relief valves, mixing valves, check valves, gate valves, assorted bolts, nuts, washers and screws, mounting brackets, angle irons and other structural support (other than roof), solder, flux, pitch and pitch pans or other sealant, drain down reservoir, fans, air handling units, air dampers, heat exchangers, heat transfer fluids, convectors, radiators, pool blankets, direct current wiring, and miscellaneous safety equipment required for PV applications; for example, blocking and bypass diodes, surge arrestors, disconnect switches, fuse holders, fuses, relays, junction boxes, ground fault detector and/or interrupter, grounding hardware, utility-interconnection protection equipment, weighted airline, enclosure, mast, and module mounting, air diffuser and platform.

### **INTEGRATED SYSTEMS**

The following products have been evaluated or adjudicated to be eligible for the solar energy sales tax exemption: Tubular skylights (generic, multiple manufacturers); Sooriyan Solar Water Purifier; Linne Industries PondHawk.

NOTE: Amount of piping used in a solar thermal applications is limited to that used in collector construction and the feed and return lines between collector and storage. Wiring used in photovoltaic applications considered eligible for the exemption is limited to that wiring which is unique to the system. Therefore, alternating current wiring throughout the structure which would be present without regard to the photovoltaic system is not eligible for the exemption. Tangible personal property in which the solar equipment is integral to the property (such as calculators, patio lights, appliances and novelty items), and where the cost of the solar equipment cannot be or is not separate from the total product cost, is not considered to be a solar energy system.