Florida Senate - 2006

CS for SB 2478

 $\ensuremath{\textbf{By}}$ the Committee on Environmental Preservation; and Senator Dockery

592-2444-06

1	A bill to be entitled
2	An act relating to solar energy; creating s.
3	377.707, F.S.; creating the Florida Solar
4	Energy Incentives Program; providing
5	definitions; providing for a continuing
6	appropriation to support solar energy product
7	development and fund incentive programs;
8	providing rebates for the installation of
9	certain solar energy systems on commercial and
10	residential buildings; providing eligibility
11	requirements; providing rebate amounts;
12	directing the Florida Public Service Commission
13	to adopt rules; requiring the Florida Solar
14	Energy Center to certify the performance of
15	certain solar equipment; providing an effective
16	date.
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18	Be It Enacted by the Legislature of the State of Florida:
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20	Section 1. Section 377.707, Florida Statutes, is
21	created to read:
22	<u>377.707 Florida Solar Energy Incentives Program</u>
23	(1) DEFINITIONSAs used in this section, unless the
24	context otherwise indicates, the following terms have the
25	following meanings:
26	(a) "Approved metering equipment" means a device
27	capable of measuring the energy output of a solar thermal
28	system either in BTU or KWH equivalents that has been approved
29	by the commission.
30	(b) "Certified" means tested by the Florida Solar
31	Energy Center to verify rated output or thermal performance.
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1	<u>(c) "Commission" means the Florida Public Service</u>
2	Commission.
3	(d) "Interconnected" means connected to a utility's
4	electrical grid.
5	<u>(e) "Solar photovoltaic system" means a solar energy</u>
6	system, including devices and related equipment, with a peak
7	generating capacity of 100 kilowatts or less used for
8	generating electricity for use in a residence, a place of
9	business, a publicly owned or operated facility, or a facility
10	owned or operated by a private, not-for-profit organization.
11	(f) "Solar thermal system" means a solar energy device
12	that provides domestic hot water for use in a residence, a
13	place of business, a publicly owned or operated facility, or a
14	facility owned or operated by a private, not-for-profit
15	organization.
16	(2) SOLAR ENERGY DEVELOPMENT FUNDING The sum of \$1.2
17	million in recurring general revenue is appropriated to the
18	Grants and Donations Trust Fund of the Board of Governors each
19	year for 5 years beginning with the 2006-2007 fiscal year and
20	continuing through the 2010-2011 fiscal year for the purposes
21	of supporting the development of a solar energy product market
22	in the state and implementing this section.
23	(3) SOLAR PHOTOVOLTAIC INCENTIVE PROGRAM To the
24	extent that funds are available pursuant to subsection (2), an
25	owner or tenant of property in this state that is a residence,
26	a place of business, a publicly owned or operated facility, or
27	a facility owned or operated by a private, not-for-profit
28	organization is entitled to a rebate for expenditures made by
29	the owner or tenant for a solar photovoltaic system that is
30	installed in accordance with this subsection after July 1,
31	2006, and that will be interconnected.

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1	<u>(a) Eligibility requirementsA solar photovoltaic</u>
2	<u>system qualifies for a rebate if:</u>
3	1. The system is installed by a state-licensed master
4	electrician, electrical contractor, or solar contractor.
5	2. The system complies with state interconnection
6	standards as provided by the commission.
7	3. The system complies with all applicable building
8	codes as defined by the local jurisdictional authority.
9	4. The system includes minimum service and warranty
10	contracts.
11	(b) Rebate amountsThe initial rebate amount shall
12	be set at \$4 per watt and decrease by 50 cents per watt each
13	year for 5 years. If the solar equipment is manufactured
14	within the state, the initial rebate amount shall be set at $\$5$
15	per watt and decrease by 50 cents per watt each year for 5
16	years. In the case of a newly constructed residence, the
17	rebate must be available to the original owner or occupant
18	using the dwelling as his or her principal residence. The
19	<u>maximum allowable rebate per solar photovoltaic system</u>
20	installation shall be as follows:
21	1. For a residence, \$20,000.
22	2. For a place of business, a publicly owned or
23	operated facility, or a facility owned or operated by a
24	private, not-for-profit organization, \$100,000.
25	(4) SOLAR THERMAL INCENTIVE PROGRAM To the extent
26	that funds are available pursuant to subsection (2), an owner
27	or tenant of property in this state that is a residence, a
28	place of business, a publicly owned or operated facility, or a
29	facility owned or operated by a private, not-for-profit
30	organization is entitled to a rebate for expenditures made by
31	the owner or tenant for a solar thermal system that is
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1 installed in accordance with this subsection after July 1, 2 2006. 3 (a) Eligibility requirements. -- A solar thermal system qualifies for a rebate if: 4 5 1. The system is installed by a state-licensed solar 6 or plumbing contractor. 7 2. The system complies with all applicable building codes as defined by the local jurisdictional authority. 8 9 <u>3</u>. The system includes minimum service and warranty 10 contracts. (b) Rebate amounts.--Authorized rebates for 11 12 installation of solar thermal systems shall be as follows: 13 1. For a residence, the rebate amount is \$300. If the solar collector is manufactured within the state, the rebate 14 amount is \$500. 15 2. For a place of business, a publicly owned or 16 17 operated facility, or a facility owned or operated by a 18 private, not-for-profit organization, the rebate amount is \$15 per 1,000 BTU as certified by the Florida Solar Energy Center. 19 The maximum rebate amount is \$5,000. An approved metering 20 21 system is required. 22 (5) RULES.--The commission shall adopt rules pursuant to ss. 120.536(1) and 120.54 necessary to implement this 23 section, including amending current interconnection standards 2.4 for solar energy systems up to 100 kilowatts. 25 (6) PERFORMANCE CERTIFICATION. -- The Florida Solar 26 27 Energy Center shall certify the performance of solar equipment 2.8 sold and installed in the state in accordance with this section and s. 377.705. 29 30 Section 2. This act shall take effect July 1, 2006. 31

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1	STATEMENT OF SUBSTANTIAL CHANGES CONTAINED IN COMMITTEE SUBSTITUTE FOR
2	<u>Senate Bill 2478</u>
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4	The committee substitute amends the definition of "approved metering equipment" to mean a device capable of measuring the
5	energy output of a solar thermal system either in BTU or KWH equivalents. The rebate for a place of business, a publicly
б	owned or operated facility, or a facility owned or operated by a private, nonprofit corporation is \$15 per 1,000 BTU as
7 8	verified by the Florida Energy Center. The provision authorizing the Public Service Commission to adopt rules for net metering for certain solar energy systems is deleted.
	net metering for certain solar energy systems is deleted.
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