

Senate Bill No. 182–Senator Schneider

CHAPTER.....

AN ACT relating to renewable energy; revising certain provisions governing the Solar Thermal Systems Demonstration Program; and providing other matters properly relating thereto.

Legislative Counsel’s Digest:

Section 1 of this bill revises provisions governing the Solar Thermal Systems Demonstration Program to remove the requirement that each solar thermal system have a meter or other measuring device installed. **Section 2** of this bill revises provisions governing the performance certifications which must be obtained to establish eligibility for a rebate from a utility under the Solar Thermal Systems Demonstration Program.

EXPLANATION – Matter in *bolded italics* is new; matter between brackets ~~omitted material~~ is material to be omitted.

THE PEOPLE OF THE STATE OF NEVADA, REPRESENTED IN
SENATE AND ASSEMBLY, DO ENACT AS FOLLOWS:

Section 1. NRS 701B.336 is hereby amended to read as follows:

701B.336 1. The Commission shall establish the Solar Thermal Systems Demonstration Program to carry out the intent of the Legislature to promote the installation of at least 3,000 solar thermal systems in homes, businesses, schools and other governmental buildings throughout this State by 2019.

2. The Demonstration Program must have four categories of participants as follows:

- (a) School property;
- (b) Public and other property;
- (c) Private residential property; and
- (d) Small business property.

3. To be eligible to participate in the Demonstration Program, a person must:

- (a) Apply to a utility on a form prescribed by the Commission;
- (b) Meet the qualifications established pursuant to subsection 5 and be approved by the utility;
- (c) When installing a solar thermal system, use an installer who has been issued ~~{a classification C-1 license with}~~ the appropriate ~~{subclassification}~~ *license* by the State Contractors’ Board ; ~~{pursuant to the regulations adopted by the Board;}~~ and
- (d) If the person participates in the category of school property or public and other property, provide for the public display of the



solar thermal system, including, without limitation, providing for public demonstrations of the solar thermal system and for hands-on experience of the solar thermal system by the public.

4. The utility shall notify each applicant who is approved to participate in the Demonstration Program not later than 10 days after the approval.

5. The Commission shall adopt regulations which must include, without limitation, provisions which:

(a) Establish the qualifications an applicant must meet to qualify to participate in the Demonstration Program.

(b) Establish specifications for the design, installation, energy output and displacement standards of the solar thermal systems that qualify for the Demonstration Program.

(c) Require that the components of any solar thermal system be new and unused.

(d) Require that any solar thermal collector have a warranty against defects and undue degradation of not less than 10 years.

(e) Require that a solar thermal system be installed in a building which is connected to the existing distribution system of a utility in this State.

~~(f) [Require that a solar thermal system have a meter or other measuring device installed to monitor and measure the performance of the system and the quantity of energy generated or displaced by the system.]~~

~~(g)~~ Require that a solar thermal system be installed in conformity with the manufacturer's specifications and all applicable codes and standards.

~~(h)~~ (g) Establish siting and installation requirements for solar thermal systems to ensure efficient and appropriate installation and to promote maximized performance of such systems.

6. As used in this section, "applicant" means a person who applies to the utility to participate in the Demonstration Program.

Sec. 2. NRS 701B.342 is hereby amended to read as follows:


701B.342 1. The Commission shall adopt regulations establishing program milestones and a rebate program for a participant who installs a solar thermal system. The rebates provided by ~~[the Commission]~~ *a utility pursuant to this section* must:

(a) Decline over time as the program milestones are reached;

(b) Be structured to reduce the cost of solar thermal systems; and

(c) Be based on the actual energy savings or predicted energy savings of the solar thermal system as determined by the Commission.



2. The regulations must require that to be eligible for a rebate pursuant to the Demonstration Program, a solar thermal system must have received an *OG-100 or* OG-300 performance certification from the Solar Rating and Certification Corporation  *or any other performance certification approved by the Commission.*

3. In determining the amount of the rebates provided through the Demonstration Program, the Commission shall consider any federal tax credits and other incentives available to participants.

Secs. 3-8. (Deleted by amendment.)

Sec. 9. The Public Utilities Commission of Nevada shall adopt any regulations necessary to carry out the provisions of this act on or before December 31, 2011.

Sec. 10. This act becomes effective on July 1, 2011.

