

REFERENCE TITLE: plug in solar energy; requirements

State of Arizona
Senate
Fifty-seventh Legislature
Second Regular Session
2026

SB 1606

Introduced by
Senators Kuby: Alston, Diaz, Epstein, Gabaldón, Miranda, Ortiz,
Sundareshan; Representative Garcia

AN ACT

AMENDING TITLE 30, ARIZONA REVISED STATUTES, BY ADDING CHAPTER 9; AMENDING TITLE 40, CHAPTER 2, ARTICLE 1, ARIZONA REVISED STATUTES, BY ADDING SECTION 40-207; AMENDING SECTION 44-1761, ARIZONA REVISED STATUTES; AMENDING TITLE 44, CHAPTER 11, ARTICLE 11, ARIZONA REVISED STATUTES, BY ADDING SECTION 44-1765; RELATING TO SOLAR POWER.

(TEXT OF BILL BEGINS ON NEXT PAGE)

1 Be it enacted by the Legislature of the State of Arizona:

2 Section 1. Title 30, Arizona Revised Statutes, is amended by adding
3 chapter 9, to read:

4 CHAPTER 9
5 SOLAR ENERGY

6 ARTICLE 1. GENERAL PROVISIONS

7 30-1101. Portable solar generation devices; requirements;
8 liability; definition

9 A. A PUBLIC POWER ENTITY MAY NOT REQUIRE A CUSTOMER THAT USES A
10 PORTABLE SOLAR GENERATION DEVICE TO:

11 1. OBTAIN APPROVAL BEFORE INSTALLING OR USING THE PORTABLE SOLAR
12 GENERATION DEVICE.

13 2. PAY A FEE OR CHARGE.

14 3. INSTALL ADDITIONAL CONTROLS OR EQUIPMENT BEYOND WHAT IS
15 INTEGRATED INTO THE SYSTEM.

16 B. A PUBLIC POWER ENTITY IS NOT LIABLE FOR DAMAGES IN ANY CIVIL
17 ACTION FOR ANY INJURY OR DEATH DUE TO A CUSTOMER'S OPERATION OF A PORTABLE
18 SOLAR GENERATION DEVICE IF AN ELECTRIC UTILITY DISCONNECTS POWER.

19 C. FOR THE PURPOSES OF THIS SECTION, "PORTABLE SOLAR GENERATION
20 DEVICE":

21 1. MEANS A MOVEABLE PHOTOVOLTAIC GENERATION DEVICE THAT:

22 (a) HAS A MAXIMUM POWER OUTPUT OF NOT MORE THAN ONE THOUSAND TWO
23 HUNDRED WATTS.

24 (b) IS DESIGNED TO BE CONNECTED TO A BUILDING'S ELECTRICAL SYSTEM
25 THROUGH A STANDARD ONE HUNDRED TWENTY VOLT ALTERNATING CURRENT OUTLET.

26 (c) IS INTENDED PRIMARILY TO OFFSET PART OF THE CUSTOMER'S
27 ELECTRICITY CONSUMPTION.

28 (d) MEETS THE STANDARDS OF THE MOST RECENT VERSION OF THE NATIONAL
29 ELECTRICAL CODE.

30 (e) IS CERTIFIED BY A NATIONALLY RECOGNIZED TESTING LABORATORY.

31 (f) IS LISTED AND LABELED IN COMPLIANCE WITH A NATIONAL STANDARDS
32 INSTITUTE.

33 2. DOES NOT INCLUDE:

34 (a) A GENERATING FACILITY.

35 (b) A DISTRIBUTED GENERATION FACILITY.

36 (c) A NET METERING FACILITY.

37 (d) A CORD AND PLUG DISTRIBUTED ENERGY DEVICE THAT EITHER:

38 (i) OPERATES WITHIN AN ELECTRICAL CAPACITY ENVELOPE AS ESTABLISHED
39 BY THE COMMISSION IN RULE.

40 (ii) IS CAPABLE OF EXPORTING ELECTRICITY TO THE PREMISES' WIRING
41 AND WHEN AUTHORIZED, TO THE ELECTRIC GRID.

1 Sec. 2. Title 40, chapter 2, article 1, Arizona Revised Statutes,
2 is amended by adding section 40-207, to read:

3 40-207. Portable solar generation devices; requirements;
4 liability; definition

5 A. A PUBLIC SERVICE CORPORATION MAY NOT REQUIRE A CUSTOMER THAT
6 USES A PORTABLE SOLAR GENERATION DEVICE TO:

7 1. OBTAIN APPROVAL BEFORE INSTALLING OR USING THE PORTABLE SOLAR
8 GENERATION DEVICE.

9 2. PAY A FEE OR CHARGE.

10 3. INSTALL ANY ADDITIONAL CONTROLS OR EQUIPMENT BEYOND WHAT IS
11 INTEGRATED INTO THE SYSTEM.

12 B. A PUBLIC SERVICE CORPORATION SHALL RECOGNIZE NATIONAL
13 INTEROPERABILITY PROFILES AND PROGRAMS THAT ENABLE SECURE PARTICIPATION OF
14 PLUG-IN SOLAR ENERGY RESOURCES IN AGGREGATED OR MANAGED PROGRAMS.

15 C. A PUBLIC SERVICE CORPORATION IS NOT LIABLE FOR DAMAGES IN ANY
16 CIVIL ACTION FOR ANY INJURY OR DEATH DUE TO A CUSTOMER'S OPERATION OF A
17 PORTABLE SOLAR GENERATION DEVICE IF AN ELECTRIC UTILITY DISCONNECTS POWER.

18 D. FOR THE PURPOSES OF THIS SECTION, "PORTABLE SOLAR GENERATION
19 DEVICE":

20 1. MEANS A MOVEABLE PHOTOVOLTAIC GENERATION DEVICE THAT:

21 (a) HAS A MAXIMUM POWER OUTPUT OF NOT MORE THAN ONE THOUSAND TWO
22 HUNDRED WATTS.

23 (b) IS DESIGNED TO BE CONNECTED TO A BUILDING'S ELECTRICAL SYSTEM
24 THROUGH A STANDARD ONE HUNDRED TWENTY VOLT ALTERNATING CURRENT OUTLET.

25 (c) IS INTENDED PRIMARILY TO OFFSET PART OF THE CUSTOMER'S
26 ELECTRICITY CONSUMPTION.

27 (d) MEETS THE STANDARDS OF THE MOST RECENT VERSION OF THE NATIONAL
28 ELECTRICAL CODE.

29 (e) IS CERTIFIED BY A NATIONALLY RECOGNIZED TESTING LABORATORY.

30 2. DOES NOT INCLUDE A GENERATING FACILITY, DISTRIBUTED GENERATION
31 FACILITY OR NET METERING FACILITY.

32 Sec. 3. Section 44-1761, Arizona Revised Statutes, is amended to
33 read:

34 44-1761. Definitions

35 In this article, unless the context otherwise requires:

36 1. "Collector" means a component of a solar energy device that is
37 used to absorb solar radiation, convert it to heat or electricity and
38 transfer the heat to a heat transfer fluid or to storage.

39 2. "Distributed energy generation system":

40 (a) Means a device or system that is used to generate or store
41 electricity, that has an electric delivery capacity, singly or in
42 connection with other similar devices or systems, greater than one
43 kilowatt or one kilowatt-hour, and that is primarily for on-site energy
44 consumption.

1 (b) Does not include EITHER:

2 (i) An electric generator that is intended for occasional use.

3 (ii) A PORTABLE SOLAR GENERATION DEVICE AS DEFINED IN SECTION
4 30-1101 OR 40-207.

5 3. "Energize" or "energized" means that the distributed energy
6 generation system is installed and operational for its intended purposes
7 of generating or storing electricity.

8 4. "Heat exchanger" means a component of a solar energy device that
9 is used to transfer heat from one fluid to another.

10 5. "Interconnected" or "interconnection" means a distributed energy
11 generation system that is connected to the power grid and that is able to
12 transfer electricity to the power grid.

13 6. "Seller or marketer" means an individual or a company acting
14 through its officers, employees or agents that markets, sells or solicits
15 the sale, financing or lease of distributed energy generation systems or
16 negotiates or enters into agreements for the sale, financing or lease of
17 distributed energy generation systems.

18 7. "Solar daylighting" means a device that is specifically designed
19 to capture and redirect the visible portion of the solar beam spectrum,
20 while controlling the infrared portion, for use in illuminating interior
21 building spaces in lieu of artificial lighting.

22 8. "Solar energy device":

23 (a) Means a system or series of mechanisms that is designed
24 primarily to provide heating, to provide cooling, to produce electrical
25 power, to produce mechanical power, to provide solar daylighting or to
26 provide any combination of the foregoing by means of collecting and
27 transferring solar generated energy into such uses either by active or
28 passive means. Such systems may also have the capability of storing such
29 energy for future utilization. Passive systems shall clearly be designed
30 as a solar energy device such as a trombe wall and not merely a part of a
31 normal structure such as a window.

32 (b) Includes a distributed energy generation system.

33 Sec. 4. Title 44, chapter 11, article 11, Arizona Revised Statutes,
34 is amended by adding section 44-1765, to read:

35 44-1765. Portable solar generation device

36 A PORTABLE SOLAR GENERATION DEVICE AS DEFINED IN SECTION 30-1101 OR
37 40-207 SHALL INCLUDE A DEVICE OR FEATURE THAT PREVENTS THE SYSTEM FROM
38 ENERGIZING THE BUILDING'S ELECTRICAL SYSTEM DURING A POWER OUTAGE.