

REFERENCE TITLE: portable solar power devices; requirements

State of Arizona
House of Representatives
Fifty-seventh Legislature
Second Regular Session
2026

HB 2843

Introduced by
Representatives Contreras P: Aguilar, Caverro, Connolly, Crews, Garcia,
Hernandez C, Liguori, Sandoval, Simacek, Stahl Hamilton, Villegas;
Senator Sundareshan

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 PORTABLE SOLAR GENERATION DEVICE THAT IS OFFERED FOR SALE AND
17 SOLD IN THIS STATE SHALL:

18 1. BE LISTED AND LABELED IN ACCORDANCE WITH A NATIONAL SAFETY
19 STANDARD THAT IS APPROVED BY THE CORPORATION COMMISSION.

20 2. INCLUDE INTEGRATED MEANS THAT STOP ENERGIZING THE BUILDING
21 CIRCUIT ON LOSS OF UTILITY POWER AND THAT ARE CONSISTENT WITH THE
22 INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS STANDARDS.

23 3. COMPLY WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND THE
24 NATIONAL ELECTRICAL CODE PROVISIONS THAT APPLY TO CORD-AND-PLUG CONNECTED
25 EQUIPMENT.

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

29 D. NOTWITHSTANDING SECTIONS 9-801, 9-802, 9-803 AND 11-861, A CITY,
30 TOWN OR COUNTY MAY NOT REQUIRE A PERMIT, AN INSPECTION OR ANY ADDITIONAL
31 LOCAL APPROVAL FOR A PORTABLE SOLAR GENERATION DEVICE OR PROHIBIT OR
32 RESTRICT THE USE OF A PORTABLE SOLAR GENERATION DEVICE THAT COMPLIES WITH
33 SUBSECTION B OF THIS SECTION.

34 E. FOR THE PURPOSES OF THIS SECTION, "PORTABLE SOLAR GENERATION
35 DEVICE":

36 1. MEANS A MOVEABLE PHOTOVOLTAIC GENERATION DEVICE THAT:

37 (a) HAS A MAXIMUM POWER OUTPUT OF NOT MORE THAN 1,200 WATTS.

38 (b) IS DESIGNED TO BE CONNECTED TO A BUILDING'S ELECTRICAL SYSTEM
39 THROUGH A STANDARD 120 VOLT ALTERNATING CURRENT OUTLET.

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

42 (d) MEETS THE STANDARDS OF THE MOST RECENT VERSION OF THE NATIONAL
43 ELECTRICAL CODE.

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

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

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

5 40-207. Portable solar generation devices; requirements;
6 liability; definition

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

9 1. OBTAIN APPROVAL BEFORE INSTALLING OR USING THE PORTABLE SOLAR
10 GENERATION DEVICE.

11 2. PAY A FEE OR CHARGE.

12 3. INSTALL ANY ADDITIONAL CONTROLS OR EQUIPMENT BEYOND WHAT IS
13 INTEGRATED INTO THE SYSTEM.

14 B. A PORTABLE SOLAR GENERATION DEVICE THAT IS OFFERED FOR SALE AND
15 SOLD IN THIS STATE SHALL:

16 1. BE LISTED AND LABELED IN ACCORDANCE WITH A NATIONAL SAFETY
17 STANDARD THAT IS APPROVED BY THE CORPORATION COMMISSION.

18 2. INCLUDE INTEGRATED MEANS THAT STOP ENERGIZING THE BUILDING
19 CIRCUIT ON LOSS OF UTILITY POWER AND THAT ARE CONSISTENT WITH THE
20 INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS STANDARDS.

21 3. COMPLY WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND THE
22 NATIONAL ELECTRICAL CODE PROVISIONS THAT APPLY TO CORD-AND-PLUG CONNECTED
23 EQUIPMENT.

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

27 D. NOTWITHSTANDING SECTIONS 9-801, 9-802, 9-803 AND 11-861, A CITY,
28 TOWN OR COUNTY MAY NOT REQUIRE A PERMIT, AN INSPECTION OR ANY ADDITIONAL
29 LOCAL APPROVAL FOR A PORTABLE SOLAR GENERATION DEVICE OR PROHIBIT OR
30 RESTRICT THE USE OF A PORTABLE SOLAR GENERATION DEVICE THAT COMPLIES WITH
31 SUBSECTION B OF THIS SECTION.

32 E. FOR THE PURPOSES OF THIS SECTION, "PORTABLE SOLAR GENERATION
33 DEVICE":

34 1. MEANS A MOVEABLE PHOTOVOLTAIC GENERATION DEVICE THAT:

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

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

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

41 (d) MEETS THE STANDARDS OF THE MOST RECENT VERSION OF THE NATIONAL
42 ELECTRICAL CODE.

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

44 2. DOES NOT INCLUDE A GENERATING FACILITY, DISTRIBUTED GENERATION
45 FACILITY OR NET METERING FACILITY.

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

3 44-1761. Definitions

4 In this article, unless the context otherwise requires:

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

8 2. "Distributed energy generation system":

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

14 (b) Does not include EITHER:

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

16 (ii) A PORTABLE SOLAR GENERATION DEVICE AS DEFINED IN SECTIONS
17 30-1101 AND 40-207.

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

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

23 5. "Interconnected" or "interconnection" means a distributed energy
24 generation system that is connected to the power grid and that is able to
25 transfer electricity to the power grid.

26 6. "Seller or marketer" means an individual or a company acting
27 through its officers, employees or agents that markets, sells or solicits
28 the sale, financing or lease of distributed energy generation systems or
29 negotiates or enters into agreements for the sale, financing or lease of
30 distributed energy generation systems.

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

35 8. "Solar energy device":

36 (a) Means a system or series of mechanisms that is designed
37 primarily to provide heating, to provide cooling, to produce electrical
38 power, to produce mechanical power, to provide solar daylighting or to
39 provide any combination of the foregoing by means of collecting and
40 transferring solar generated energy into such uses either by active or
41 passive means. Such systems may also have the capability of storing such
42 energy for future utilization. Passive systems shall clearly be designed
43 as a solar energy device such as a trombe wall and not merely a part of a
44 normal structure such as a window.

45 (b) Includes a distributed energy generation system.

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

3 44-1765. Portable solar generation device

4 A PORTABLE SOLAR GENERATION DEVICE AS DEFINED IN SECTIONS 30-1101
5 AND 40-207 SHALL INCLUDE A DEVICE OR FEATURE THAT PREVENTS THE SYSTEM FROM
6 ENERGIZING THE BUILDING'S ELECTRICAL SYSTEM DURING A POWER OUTAGE.

7 Sec. 5. Corporation commission; rules

8 Within one year after the effective date of this act, the
9 corporation commission shall adopt rules that comply with title 30,
10 chapter 9, Arizona Revised Statutes, as added by this act, and section
11 40-207, Arizona Revised Statutes, as added by this act.