

PROPOSED
SENATE AMENDMENTS TO H.B. 2033
(Reference to House engrossed bill)

1 Strike everything after the enacting clause and insert:

2 "Section 1. Section 9-468, Arizona Revised Statutes, is amended to
3 read:

4 9-468. Solar construction permits; standards; online instant
5 permitting process; remote field reports; municipal
6 report; applicability; definitions

7 A. Municipalities shall adopt the following standards for issuing
8 permits for the use of certain solar energy devices:

9 1. For construction with solar photovoltaic systems that are
10 intended to connect to a utility system, the following apply:

11 (a) The location of the photovoltaic system installation shall be
12 indicated on the construction plans, including the roof plan and elevation.

13 (b) Photovoltaic panel mounting details shall be included in the
14 installation plans.

15 (c) The electrical diagrams shall include one-line or three-line
16 diagrams. A one-line or three-line electrical diagram is not required if a
17 qualified online automated permitting platform is used to verify code
18 compliance.

19 (d) For direct current to alternating current conversions, the cut
20 sheet and listings for inverters shall be included in the plans.

21 (e) A municipality shall not require a stamp from a professional
22 engineer for a solar photovoltaic system unless an engineering stamp is
23 deemed necessary. If an engineering stamp is deemed necessary, the
24 municipality shall provide the permittee a written explanation of why the
25 engineering stamp is necessary.

26 (f) A municipality may use a qualified online automated permitting
27 platform to verify code compliance in order to satisfy the requirements of
28 subdivisions (a), (b),~~(c)~~ and (c) of this paragraph.

29 2. For solar water heating systems, the following apply:

30 (a) The location of the solar panel system shall be indicated on the
31 construction plans, including the roof plan and elevation, and shall
32 include mounting details for panel installation.

33 (b) Construction plan notes shall include a requirement that solar
34 water heating equipment be installed in compliance with applicable plumbing
35 codes and as prescribed by a solar rating and certification corporation and
36 any guidelines adopted by this state.

37 (c) A municipality shall not require a stamp from a professional
38 engineer for a single-family solar water heating system unless an
39 engineering stamp is deemed necessary. If an engineering stamp is deemed
40 necessary, the municipality shall provide the permittee a written
41 explanation of why the engineering stamp is necessary.

1 B. ON OR BEFORE JANUARY 1, 2026, A MUNICIPALITY SHALL ADOPT AN
2 INSTANT PERMITTING PROCESS FOR HOME POWER INSTALLATIONS. THE ONLINE
3 INSTANT PERMITTING PROCESS MUST BE CAPABLE OF PROCESSING HOME POWER
4 APPLICATIONS FOR AT LEAST THE MAJORITY OF THE TYPES OF HOME POWER
5 INSTALLATIONS INSTALLED IN THIS STATE, INCLUDING APPLICATIONS FOR ENERGY
6 STORAGE INSTALLATIONS AND ASSOCIATED INFRASTRUCTURE AND EQUIPMENT,
7 INCLUDING MAIN PANEL UPGRADES AND MAIN BREAKER DERATES. A MUNICIPALITY
8 SHALL ALLOW ALL HOME POWER INSTALLATIONS FOR SINGLE-FAMILY OR TWO-FAMILY
9 DWELLINGS ON ALLOWED STRUCTURES THAT CAN BE PROCESSED BY THE MUNICIPALITY'S
10 ONLINE INSTANT PERMITTING PROCESS TO BE PROCESSED BY THE MUNICIPALITY'S
11 INSTANT PERMITTING PROCESS.

12 C. ON OR BEFORE JULY 1, 2026, A MUNICIPALITY SHALL PROVIDE AN OPTION
13 FOR HOME POWER BUILDING INSPECTIONS FOR A SINGLE-FAMILY OR TWO-FAMILY
14 DWELLING TO BE PERFORMED THROUGH A SINGLE REMOTE FIELD REPORT. A SINGLE
15 REMOTE FIELD REPORT SHALL BE OFFERED AT THE SAME COST AS OR A LOWER COST
16 THAN A MUNICIPAL IN-PERSON BUILDING INSPECTION. A SINGLE REMOTE FIELD
17 REPORT SHALL BE AVAILABLE WITHIN THE SAME TIME FRAME AS OR A SHORTER TIME
18 FRAME THAN THE TIME FRAME FOR AN IN-PERSON BUILDING INSPECTION.

19 D. IF BY JULY 1, 2026, THE GOVERNING BODY OF A MUNICIPALITY ADOPTS A
20 RESOLUTION THAT FINDS THAT AN EXEMPTION IS NECESSARY TO PROTECT THE
21 PUBLIC'S HEALTH AND SAFETY, THE MUNICIPALITY MAY EXEMPT CERTAIN CATEGORIES
22 OF HOME POWER BUILDING INSPECTIONS FROM BEING PERFORMED THROUGH A SINGLE
23 REMOTE FIELD REPORT PURSUANT TO SUBSECTION C OF THIS SECTION. FOR THE
24 EXEMPTION OF CERTAIN CATEGORIES OF HOME POWER BUILDING INSPECTIONS TO
25 CONTINUE, THE GOVERNING BODY OF THE MUNICIPALITY SHALL READOPT THE
26 RESOLUTION EVERY TWO YEARS.

27 E. A MUNICIPALITY SHALL POST A COMPLIANCE REPORT ON THE MUNICIPAL
28 WEBSITE AND SEND THE REPORT TO THE SECRETARY OF STATE WITHIN THIRTY DAYS
29 AFTER ACHIEVING COMPLIANCE WITH SUBSECTIONS B AND C OF THIS SECTION. THE
30 REPORT SHALL INCLUDE:

31 1. THE DATE OF COMPLIANCE.
32 2. A DESCRIPTION OF THE SOFTWARE OR COMBINATION OF SOFTWARE USED FOR
33 COMPLIANCE.

34 3. CONFIRMATION THAT THE MUNICIPALITY IS BOTH:
35 (a) USING AN INSTANT PERMITTING PROCESS FOR HOME POWER INSTALLATIONS
36 AND NOT REQUIRING MANUAL REVIEW AT ANY TIME BEFORE THE ISSUANCE OF A HOME
37 POWER BUILDING PERMIT FOR HOME POWER INSTALLATIONS THAT GO THROUGH THE
38 INSTANT PERMITTING PROCESS.

39 (b) ALLOWING HOME POWER BUILDING INSPECTIONS TO BE PERFORMED THROUGH
40 A SINGLE REMOTE FIELD REPORT OR HAS ADOPTED AN ORDINANCE THAT EXEMPTS
41 CERTAIN HOME POWER BUILDING INSPECTIONS PURSUANT TO SUBSECTION D OF THIS
42 SECTION.

43 4. AN EXPLANATION OF WHY THE MUNICIPALITY ANTICIPATES THE INSTANT
44 PERMITTING PROCESS HAS THE CAPABILITY TO PROCESS HOME POWER APPLICATIONS
45 SUBMITTED FOR AT LEAST THE MAJORITY OF THE TYPES OF HOME POWER
46 INSTALLATIONS INSTALLED IN THIS STATE AND IS CAPABLE OF PROCESSING ENERGY
47 STORAGE INSTALLATIONS AND ASSOCIATED INFRASTRUCTURE AND EQUIPMENT,
48 INCLUDING MAIN PANEL UPGRADES AND MAIN BREAKER DERATES. THIS EXPLANATION

1 MAY BE BASED ON ESTIMATES MADE BY THE SOFTWARE PROVIDER OF THE INSTANT
2 PERMITTING PROCESS.

3 ~~B.~~ F. Any building or permit fee or charge assessed by a ~~city or~~
4 ~~town~~ MUNICIPALITY for a building permit for solar construction must be
5 attributable to and defray or cover the expense of the service for which
6 the fee or charge is assessed. A fee or charge shall not exceed the actual
7 cost of issuing a permit, and a written, itemized list of the individual
8 costs associated with the permit fee shall be provided at the request of
9 the permittee.

10 ~~C.~~ G. Before adoption of a fee for service or an additional or
11 separate charge pursuant to this section, a ~~city or town~~ MUNICIPALITY shall
12 hold a public hearing on the issue with at least fifteen days' published
13 notice.

14 ~~D.~~ H. The method by which a ~~city or town~~ MUNICIPALITY arrives at an
15 assessed permit or plan fee must be published and made available to the
16 public.

17 I. SUBSECTIONS B THROUGH E OF THIS SECTION ARE APPLICABLE TO A
18 MUNICIPALITY WITH A POPULATION OF FIVE THOUSAND PERSONS OR MORE.

19 ~~E.~~ J. For the purposes of this section: ,—

20 1. "HOME POWER APPLICATION" MEANS THE APPLICATION FOR A HOME POWER
21 BUILDING PERMIT THAT CONTAINS THE INFORMATION NECESSARY TO DETERMINE
22 WHETHER A HOME POWER INSTALLATION IS COMPLIANT WITH THE RELEVANT CODES,
23 STANDARDS AND RULES.

24 2. "HOME POWER BUILDING INSPECTION" MEANS THE INSPECTION BY A
25 MUNICIPALITY OF A HOME POWER INSTALLATION AS PART OF THE HOME POWER
26 INSTALLATION.

27 3. "HOME POWER BUILDING PERMIT" MEANS A PERMIT REQUIRED BY A
28 MUNICIPALITY TO CONSTRUCT, IMPROVE, COMPLETE OR OPERATE A HOME POWER
29 INSTALLATION, INCLUDING A FIRE PERMIT.

30 4. "HOME POWER INSTALLATION" INCLUDES A SOLAR PHOTOVOLTAIC
31 INSTALLATION, AN ENERGY STORAGE INSTALLATION OR A COMBINATION OF A SOLAR
32 PHOTOVOLTAIC INSTALLATION AND ENERGY STORAGE INSTALLATION THAT PROVIDES
33 ELECTRICAL POWER TO A SINGLE-FAMILY OR TWO-FAMILY DWELLING, ALONG WITH ANY
34 ASSOCIATED INFRASTRUCTURE AND EQUIPMENT, INCLUDING MAIN PANEL UPGRADES AND
35 MAIN BREAKER DERATES.

36 5. "INSTANT PERMITTING PROCESS":

37 (a) MEANS A PERMITTING PROCESS THAT USES AN EXISTING COMMERCIALY
38 AVAILABLE QUALIFIED ONLINE AUTOMATED PERMITTING PLATFORM THAT ISSUES HOME
39 POWER BUILDING PERMITS AND HOME POWER BUILDING PERMIT REVISIONS INSTANTLY
40 ON SUBMISSION OF A CODE-COMPLIANT APPLICATION FOR A HOME POWER BUILDING
41 PERMIT AND THE PAYMENT OF ANY REQUIRED FEES.

42 (b) INCLUDES ONLINE PAYMENT OF HOME POWER BUILDING PERMITTING FEES,
43 IF APPLICABLE.

44 (c) DOES NOT INCLUDE MANUAL REVIEW AT ANY TIME DURING OR AFTER THE
45 APPLICATION, REVIEW OR ISSUANCE OF A HOME POWER BUILDING PERMIT.

46 6. "Qualified online automated permitting platform" means a
47 web-based portal that automates plan review, produces code-compliant
48 approvals and issues permits for residential solar energy systems,
49 RESIDENTIAL ENERGY STORAGE SYSTEMS and residential energy storage systems

1 paired with residential solar energy systems, **ALONG WITH ANY ASSOCIATED**
2 **INFRASTRUCTURE AND EQUIPMENT, AND MAIN PANEL UPGRADES AND MAIN BREAKER**
3 **DERATES**, in real time.

4 7. "REMOTE FIELD REPORT" MEANS A HOME POWER BUILDING INSPECTION
5 PERFORMED BY THE MUNICIPALITY BASED ON EITHER OF THE FOLLOWING METHODS:

6 (a) PHOTOS AND VIDEOS TAKEN ON-SITE AND SENT TO THE MUNICIPALITY TO
7 REVIEW REMOTELY AND ASYNCHRONOUSLY.

8 (b) A VIDEO CONFERENCE WITH THE HOME POWER BUILDING INSTALLER OR THE
9 HOMEOWNER.

10 Sec. 2. Section 11-323, Arizona Revised Statutes, is amended to
11 read:

12 11-323. Solar construction permits; standards; online instant
13 permitting process; single remote field reports;
14 county report; definitions

15 A. Counties shall adopt the following standards for issuing permits
16 for the use of certain solar energy devices:

17 1. For construction with solar photovoltaic systems that are
18 intended to connect to a utility system, the following apply:

19 (a) The location of the photovoltaic system installation shall be
20 indicated on the construction plans, including the roof plan and elevation.

21 (b) Photovoltaic panel mounting details shall be included in the
22 installation plans.

23 (c) The electrical diagrams shall include one-line or three-line
24 diagrams. A one-line or three-line electrical diagram is not required if a
25 qualified online automated permitting platform is used to verify code
26 compliance.

27 (d) For direct current to alternating current conversions, the cut
28 sheet and listings for inverters shall be included in the plans.

29 (e) A county shall not require a stamp from a professional engineer
30 for a solar photovoltaic system unless an engineering stamp is deemed
31 necessary. If an engineering stamp is deemed necessary, the county shall
32 provide the permittee a written explanation of why the engineering stamp is
33 necessary.

34 (f) A county may use a qualified online automated permitting
35 platform to verify code compliance in order to satisfy the requirements of
36 subdivisions (a), (b), and (c) of this paragraph.

37 2. For solar water heating systems, the following apply:

38 (a) The location of the solar panel system shall be indicated on the
39 construction plans, including the roof plan and elevation, and shall
40 include mounting details for panel installation.

41 (b) Construction plan notes shall include a requirement that solar
42 water heating equipment be installed in compliance with applicable plumbing
43 codes and as prescribed by a solar rating and certification corporation and
44 any guidelines adopted by this state.

45 (c) A county shall not require a stamp from a professional engineer
46 for a single-family solar water heating system unless an engineering stamp
47 is deemed necessary. If an engineering stamp is deemed necessary, the
48 county shall provide the permittee a written explanation of why the
49 engineering stamp is necessary.

1 B. ON OR BEFORE JANUARY 1, 2026, A COUNTY SHALL ADOPT AN INSTANT
2 PERMITTING PROCESS FOR HOME POWER INSTALLATIONS. THE ONLINE INSTANT
3 PERMITTING PROCESS MUST BE CAPABLE OF PROCESSING HOME POWER APPLICATIONS
4 FOR AT LEAST THE MAJORITY OF THE TYPES OF HOME POWER INSTALLATIONS
5 INSTALLED IN THIS STATE, INCLUDING APPLICATIONS FOR ENERGY STORAGE
6 INSTALLATIONS AND ASSOCIATED INFRASTRUCTURE AND EQUIPMENT, INCLUDING MAIN
7 PANEL UPGRADES AND MAIN BREAKER DERATES. A COUNTY SHALL ALLOW ALL HOME
8 POWER INSTALLATIONS FOR SINGLE-FAMILY OR TWO-FAMILY DWELLINGS ON ALLOWED
9 STRUCTURES THAT CAN BE PROCESSED BY THE COUNTY'S ONLINE INSTANT PERMITTING
10 PROCESS TO BE PROCESSED BY THE MUNICIPALITY'S INSTANT PERMITTING PROCESS.

11 C. ON OR BEFORE JULY 1, 2026, A COUNTY SHALL PROVIDE AN OPTION FOR
12 HOME POWER BUILDING INSPECTIONS FOR A SINGLE-FAMILY OR TWO-FAMILY DWELLING
13 TO BE PERFORMED THROUGH A SINGLE REMOTE FIELD REPORT. A SINGLE REMOTE
14 FIELD REPORT SHALL BE OFFERED AT THE SAME COST AS OR A LOWER COST THAN A
15 COUNTY IN-PERSON BUILDING INSPECTION. A SINGLE REMOTE FIELD REPORT SHALL
16 BE AVAILABLE WITHIN THE SAME TIME FRAME AS OR A SHORTER TIME FRAME THAN THE
17 TIME FRAME FOR AN IN-PERSON BUILDING INSPECTION.

18 D. IF BY JULY 1, 2026, THE BOARD OF SUPERVISORS OF THE COUNTY ADOPTS
19 A RESOLUTION THAT FINDS THAT AN EXEMPTION IS NECESSARY TO PROTECT THE
20 PUBLIC'S HEALTH AND SAFETY, THE COUNTY MAY EXEMPT CERTAIN CATEGORIES OF
21 HOME POWER BUILDING INSPECTIONS FROM BEING PERFORMED THROUGH A SINGLE
22 REMOTE FIELD REPORT PURSUANT TO SUBSECTION C OF THIS SECTION. FOR THE
23 EXEMPTION OF CERTAIN CATEGORIES OF HOME POWER BUILDING INSPECTIONS TO
24 CONTINUE, THE BOARD OF SUPERVISORS SHALL READOPT THE RESOLUTION EVERY TWO
25 YEARS.

26 E. A COUNTY SHALL POST A COMPLIANCE REPORT ON THE COUNTY WEBSITE AND
27 SEND THE REPORT TO THE SECRETARY OF STATE WITHIN THIRTY DAYS AFTER
28 ACHIEVING COMPLIANCE WITH SUBSECTIONS B AND C OF THIS SECTION. THE REPORT
29 SHALL INCLUDE:

30 1. THE DATE OF COMPLIANCE.
31 2. A DESCRIPTION OF THE SOFTWARE OR COMBINATION OF SOFTWARE USED FOR
32 COMPLIANCE.

33 3. CONFIRMATION THAT THE COUNTY IS BOTH:
34 (a) USING AN INSTANT PERMITTING PROCESS FOR HOME POWER INSTALLATIONS
35 AND NOT REQUIRING MANUAL REVIEW AT ANY TIME BEFORE THE ISSUANCE OF A HOME
36 POWER BUILDING PERMIT FOR HOME POWER INSTALLATIONS THAT GO THROUGH THE
37 INSTANT PERMITTING PROCESS.

38 (b) ALLOWING HOME POWER BUILDING INSPECTIONS TO BE PERFORMED THROUGH
39 A SINGLE REMOTE FIELD REPORT OR HAS ADOPTED AN ORDINANCE THAT EXEMPTS
40 CERTAIN HOME POWER BUILDING INSPECTIONS PURSUANT TO SUBSECTION D OF THIS
41 SECTION.

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43 PERMITTING PROCESS HAS THE CAPABILITY TO PROCESS HOME POWER APPLICATIONS
44 SUBMITTED FOR AT LEAST THE MAJORITY OF THE TYPES OF HOME POWER
45 INSTALLATIONS INSTALLED IN THIS STATE AND IS CAPABLE OF PROCESSING ENERGY
46 STORAGE INSTALLATIONS AND ASSOCIATED INFRASTRUCTURE AND EQUIPMENT,
47 INCLUDING MAIN PANEL UPGRADES AND MAIN BREAKER DERATES. THIS EXPLANATION
48 MAY BE BASED ON ESTIMATES MADE BY THE SOFTWARE PROVIDER OF THE INSTANT
49 PERMITTING PROCESS.

1 ~~F.~~ F. Any building or permit fee or charge assessed by a county for
2 a building permit for solar construction must be attributable to and defray
3 or cover the expense of the service for which the fee or charge is
4 assessed. A fee or charge shall not exceed the actual cost of issuing a
5 permit, and a written, itemized list of the individual costs associated
6 with the permit fee shall be provided at the request of the permittee.

7 ~~G.~~ G. Before adoption of a fee for service or an additional or
8 separate charge pursuant to this section, a county shall hold a public
9 hearing on the issue with at least fifteen days' published notice.

10 ~~H.~~ H. The method by which a county arrives at an assessed permit or
11 plan fee must be published and made available to the public.

12 ~~I.~~ I. For the purposes of this section: ~~;~~

13 1. "HOME POWER APPLICATION" MEANS THE APPLICATION FOR A HOME POWER
14 BUILDING PERMIT THAT CONTAINS THE INFORMATION NECESSARY TO DETERMINE
15 WHETHER A HOME POWER INSTALLATION IS COMPLIANT WITH THE RELEVANT CODES,
16 STANDARDS AND RULES.

17 2. "HOME POWER BUILDING INSPECTION" MEANS THE INSPECTION BY A COUNTY
18 OF A HOME POWER INSTALLATION AS PART OF THE HOME POWER INSTALLATION.

19 3. "HOME POWER BUILDING PERMIT" MEANS A PERMIT REQUIRED BY A COUNTY
20 TO CONSTRUCT, IMPROVE, COMPLETE OR OPERATE A HOME POWER INSTALLATION,
21 INCLUDING A FIRE PERMIT.

22 4. "HOME POWER INSTALLATION" INCLUDES A SOLAR PHOTOVOLTAIC
23 INSTALLATION, AN ENERGY STORAGE INSTALLATION OR A COMBINATION OF A SOLAR
24 PHOTOVOLTAIC INSTALLATION AND ENERGY STORAGE INSTALLATION THAT PROVIDES
25 ELECTRICAL POWER TO A SINGLE-FAMILY OR TWO-FAMILY DWELLING, ALONG WITH ANY
26 ASSOCIATED INFRASTRUCTURE AND EQUIPMENT, INCLUDING MAIN PANEL UPGRADES AND
27 MAIN BREAKER DERATES.

28 5. "INSTANT PERMITTING PROCESS":

29 (a) MEANS A PERMITTING PROCESS THAT USES AN EXISTING COMMERCIALY
30 AVAILABLE QUALIFIED ONLINE AUTOMATED PERMITTING PLATFORM THAT ISSUES HOME
31 POWER BUILDING PERMITS AND HOME POWER BUILDING PERMIT REVISIONS INSTANTLY
32 ON SUBMISSION OF A CODE COMPLIANT APPLICATION FOR A HOME POWER BUILDING
33 PERMIT AND THE PAYMENT OF ANY REQUIRED FEES.

34 (b) INCLUDES ONLINE PAYMENT OF HOME POWER BUILDING PERMITTING FEES,
35 IF APPLICABLE.

36 (c) DOES NOT INCLUDE MANUAL REVIEW AT ANY TIME DURING OR AFTER THE
37 APPLICATION, REVIEW OR ISSUANCE OF A HOME POWER BUILDING PERMIT.

38 6. "Qualified online automated permitting platform" means a
39 web-based portal that automates plan review, produces code-compliant
40 approvals and issues permits for residential solar energy systems,
41 RESIDENTIAL ENERGY STORAGE SYSTEMS and residential energy storage systems
42 paired with residential solar energy systems, ALONG WITH ANY ASSOCIATED
43 INFRASTRUCTURE AND EQUIPMENT, AND MAIN PANEL UPGRADES AND MAIN BREAKER
44 DERATES, in real time.

45 7. "REMOTE FIELD REPORT" MEANS A HOME POWER BUILDING INSPECTION
46 PERFORMED BY THE COUNTY BASED ON EITHER OF THE FOLLOWING METHODS:

47 (a) PHOTOS AND VIDEOS TAKEN ON-SITE AND SENT TO THE COUNTY TO REVIEW
48 REMOTELY AND ASYNCHRONOUSLY.

1 (b) A VIDEO CONFERENCE WITH THE HOME POWER BUILDING INSTALLER OR THE
2 HOMEOWNER.

3 Sec. 3. Delayed adoption of instant permitting process

4 A. If by July 1, 2026, the governing body of a municipality or the
5 board of supervisors of a county adopts a resolution that allows for a
6 delay in adopting an online instant permitting process for residential
7 energy storage systems as established in sections 9-468 and 11-323, Arizona
8 Revised Statutes, as amended by this act, the municipality or the county
9 may delay adopting an instant permitting process for residential energy
10 storage systems until December 31, 2026.

11 B. If by July 1, 2026, the governing body of a municipality or the
12 board of supervisors of a county adopts a resolution that shows the
13 municipality or county is in the process of establishing an online instant
14 permitting process for home power installations and that allows for a delay
15 in adopting an online instant permitting process for home power
16 installations as established by sections 9-468 and 11-323, Arizona Revised
17 Statutes, as amended by this act, the municipality or county may delay
18 adopting an instant permitting process for home power installations for an
19 additional six months until no later than June 30, 2027.

20 Amend title to conform

SHAWNNA BOLICK

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