
A BILL FOR AN ACT

RELATING TO RENEWABLE ENERGY.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

1 SECTION 1. The legislature finds that Act 97, Session Laws
2 of Hawaii 2015, requires electric utilities in the State to
3 achieve a one hundred per cent renewable portfolio standard by
4 December 31, 2045, in order to transition the State away from
5 imported fossil fuels and toward locally available renewable
6 energy sources.

7 The legislature further finds that to encourage the timely
8 build-out of a diverse, resilient, and reliable portfolio of
9 low-cost renewable energy generation and storage assets, Hawaii
10 must lower the administrative barriers that constrain deployment
11 of residential and commercial-scale distributed energy
12 resources.

13 The legislature further finds that permitting processes can
14 add substantial time and cost to the adoption of residential
15 solar and energy storage projects, online permitting tools such
16 as the United States Department of Energy's SolarAPP+ have been
17 successfully implemented by hundreds of government entities that



1 issue building permits throughout the nation, and Hawaii's
2 permit-issuing government entities should similarly take
3 advantage of these tools to help meet the State's clean energy,
4 reliability, and resilience needs.

5 The purpose of this Act is to reduce administrative
6 barriers to the deployment of energy generation and storage
7 technology systems by requiring government entities in the State
8 that issue building permits to implement, by January 1, 2025,
9 SolarAPP+ or a functionally equivalent online automated
10 permitting platform that processes and issues permits to
11 licensed contractors for solar distributed energy resource
12 systems in real time.

13 SECTION 2. Chapter 196, Hawaii Revised Statutes, is
14 amended by adding two new sections to be appropriately
15 designated and to read as follows:

16 **"§196-A Building permits; issuing entities; adoption of**
17 **online automated permitting platform; solar distributed energy**
18 **resource systems.** (a) Any government entity in the State that
19 issues building permits shall:

20 (1) By January 1, 2025, implement SolarAPP+ or a
21 functionally equivalent online automated permitting



1 platform that processes and issues permits to licensed
 2 contractors for solar distributed energy resource
 3 systems in real time; provided that the government
 4 entity shall adopt a self-certification process
 5 pursuant to section 196-B for solar distributed energy
 6 resource systems that are not compatible with
 7 SolarAPP+, or a functional online equivalent, at the
 8 time the permit application is submitted to the
 9 government entity;

10 (2) Notify the Hawaii state energy office when it achieves
 11 compliance with the requirements of paragraph (1); and

12 (3) Submit annual notifications of its compliance with the
 13 requirements of paragraph (1) to the Hawaii state
 14 energy office.

15 (b) In issuing building permits in compliance with
 16 subsection (a), the applicable government entity in the State
 17 may promote the use of labor standards, including but not
 18 limited to living wages, benefits, and requirements for
 19 participation in state-approved apprenticeship programs.

20 (c) As used in this section:



1 "Solar distributed energy resource system" means an
2 assembly of solar energy-generating or energy-storing materials,
3 or any combined assembly of solar energy-generating and energy-
4 storing materials, and the related infrastructure necessary for
5 its operation.

6 "SolarAPP+" means the web-based portal and associated
7 software tools developed by the National Renewable Energy
8 Laboratory, as updated from time to time.

9 **§196-B Adoption of self-certification for solar and energy**
10 **storage projects.** (a) Any government entity in the State that
11 issues building permits in any area of the State served by an
12 investor-owned electric utility shall establish a self-
13 certification process for residential and commercial on-site
14 solar distributed energy resource systems that deems permit
15 applications approved and allows applicants to proceed to build
16 immediately; provided that the government entity receives
17 written notice from:

18 (1) The project owner, or an agent of the project owner,
19 that the owner or agent requests issuance of the
20 permit and is prepared to pay any required fees; and



1 (2) The duly licensed architect, duly licensed engineer,
2 duly licensed electrician, or duly licensed plumber,
3 as applicable, who intends to install the solar
4 distributed energy resource system that the
5 installation of the system complies with all
6 applicable codes and laws.

7 (b) A permit application or self-certification for a solar
8 distributed energy resource system shall not require submission
9 of an approved materials and methods number; provided that the
10 following are submitted with the license holder's written
11 notification pursuant to subsection (a):

12 (1) A manufacturer specification sheet;
13 (2) An installation and operations manual; and
14 (3) A UL or other national testing laboratory
15 certification.

16 (c) If the requirements of subsection (a) are satisfied,
17 the applicable government entity in the State that issues
18 building permits shall issue the building permit number and
19 close the permit within thirty days of submittal.

20 (d) As used in this section, "solar distributed energy
21 resource system" has the same meaning as in section 196-A."



1 SECTION 3. In codifying the new sections added by
2 section 2 of this Act, the revisor of statutes shall substitute
3 appropriate section numbers for the letters used in designating
4 the new sections in this Act.

5 SECTION 4. New statutory material is underscored.

6 SECTION 5. This Act shall take effect on July 1, 3000.



Report Title:

Solar Distributed Energy Resource Systems; Building Permits;
Online Automated Permitting Platform; SolarAPP+; Self-
certification Process

Description:

Requires government entities in the State that issue building permits to implement, by 1/1/2025, SolarAPP+ or a functionally equivalent online automated permitting platform that verifies code compliance and issues permits to licensed contractors for solar distributed energy resource systems in real time.
Requires government entities in the State that issue building permits in areas served by an investor-owned electric utility to adopt a self-certification process for solar distributed energy resource systems that are not SolarAPP+ compatible. Effective 7/1/3000. (HD1)

The summary description of legislation appearing on this page is for informational purposes only and is not legislation or evidence of legislative intent.

