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# A BILL FOR AN ACT

RELATING TO ELECTRICAL CONTRACTORS.

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

1           SECTION 1. The legislature finds that Hawaii has an aging  
2 electrical infrastructure. According to the American Society of  
3 Civil Engineers' 2019 Hawaii Infrastructure Report Card, outages  
4 in Hawaii are mainly caused by equipment deterioration, cable  
5 faults, automobile accidents, or vegetation. Although  
6 significant capital investments have been made to upgrade and  
7 strengthen utility poles, lines, and equipment against the  
8 increasingly frequent severe storms in recent years, over half  
9 of the existing infrastructure is more than forty years old and  
10 soon will be approaching the end of its expected life cycle.  
11 The security and resilience of Hawaii's critical electrical  
12 infrastructure are fundamental to the health and welfare of the  
13 State's residents, visitors, and employees. Recent weather  
14 events have further highlighted the importance of a resilient  
15 electrical grid and the restoration of electricity in a safe and  
16 efficient manner.

17           The legislature further finds that the construction and  
18 maintenance of overhead high voltage power lines with



1 distribution and transmission voltages require the specialized  
2 skills of electrical workers, such as journeymen linemen,  
3 foremen, and general foremen, each of whom is a trained and  
4 certified journeyman lineman. To address the need for  
5 individuals qualified to work with high voltage power lines, the  
6 legislature enacted Act 65, Session Laws of Hawaii 2013, which  
7 provided a limited exemption from electrician licensing  
8 requirements for individuals employed by electrical contractors  
9 who are retained by a public utility within the State to perform  
10 high voltage work for the public utility and who are deemed  
11 qualified by the public utility. Although the legislature later  
12 extended the law for five more years through Act 60, Session  
13 Laws of Hawaii 2018 (Act 60), Act 60 sunsets on June 30, 2023.  
14 Continued maintenance of the aging electrical infrastructure is  
15 needed to keep Hawaii's grid resilient. The legislature also  
16 finds that as Hawaii continues to experience a shortage of  
17 electricians, splicers, and linemen in the State who are  
18 experienced and qualified to work with high voltage, it is  
19 necessary to further extend the limited exemption from licensing  
20 requirements for qualified electricians.

21 The purpose of this Act is to:



- 1 (1) Extend until June 30, 2027, the limited exemption from
- 2 licensing requirements for qualified electricians that
- 3 was originally enacted by Act 65, Session Laws of
- 4 Hawaii 2013, and extended pursuant to Act 60, Session
- 5 Laws of Hawaii 2018; and
- 6 (2) Require public utilities to submit to the board of
- 7 electricians and plumbers annual reports relating to
- 8 high voltage work.

9 SECTION 2. Section 448E-13, Hawaii Revised Statutes, is  
10 amended to read as follows:

11 **"§448E-13 Exemption of public utility and community**  
12 **antennae television company personnel[-]; annual reports.** (a)

13 The following persons shall be exempt from this chapter:

- 14 (1) All employees of a public utility within the State
- 15 under a franchise or charter granted by the State
- 16 [~~which~~] that is regulated by the public utilities
- 17 commission and community antennae television company,
- 18 while so employed; and
- 19 (2) Employees of an electrical contractor duly licensed
- 20 under chapter 444; provided that:



1           (A) ~~[Such]~~ The contractor is retained by a public  
2           utility within the State under a franchise or  
3           charter granted by the State ~~[which]~~ that is  
4           regulated by the public utilities commission to  
5           perform high voltage [~~six hundred volts or~~  
6           ~~higher~~] electrical work for the public utility;  
7           [and]

8           (B) After solicitation of a request for proposal to  
9           licensed contractors specifying the high voltage  
10          work requested, the public utility certifies to  
11          the board that no electricians, including  
12          electricians employed by C-62 pole and line or  
13          C-63 high voltage electrical contractors,  
14          responded to the request for proposal who were:

15          (i) Sufficiently qualified and licensed in the  
16                State; and

17          (ii) Available and able to perform or timely  
18                complete the high voltage electrical work or  
19                task,

20          before the contractor hired by the public utility  
21          recruited qualified electricians outside the



1           State; provided further that the public utility  
2           shall make its request for proposals available  
3           through its website in an electronic format to  
4           C-62 pole and line and C-63 high voltage  
5           electrical contractors;

6           (C) The public utility submits an annual report to  
7           the board covering the preceding calendar year  
8           that identifies, at a minimum:

9           (i) The number of qualified contractors the  
10           public utility employed to perform high  
11           voltage electrical work; and

12           (ii) The number of requests for proposals  
13           solicited for high voltage work;

14           ~~[-(B) Such]~~ (D) The employees are deemed qualified by  
15           the public utility to perform ~~such~~ high voltage  
16           electrical work; and

17           (E) The exemption is limited to the use by a public  
18           utility for high voltage electrical workers who  
19           perform electric transmission and distribution  
20           line construction, maintenance, and connection to  
21           substation work;



1 provided further that in no circumstance shall [~~sueh~~]  
2 the persons be less qualified than the public  
3 utility's own employees [~~that~~] who perform [~~sueh~~] high  
4 voltage electrical work.

5 (b) Persons retained by a public utility pursuant to  
6 [~~+~~]subsection[+] (a) (2) shall be exempt from the provisions of  
7 section 444-9.5.

8 (c) For purposes of this section, "high voltage" means six  
9 hundred volts or higher."

10 SECTION 3. Act 65, Session Laws of Hawaii 2013, section 4,  
11 as amended by Act 60, Session Laws of Hawaii 2018, section 2, is  
12 amended to read as follows:

13 "SECTION 4. This Act shall take effect upon its approval;  
14 provided that on June 30, [~~2023,~~] 2027, this Act shall be  
15 repealed and section 448E-13, Hawaii Revised Statutes, shall be  
16 reenacted in the form in which it read on the day before the  
17 effective date of this Act."

18 SECTION 4. Act 60, Session Laws of Hawaii 2018, is amended  
19 by amending section 3 to read as follows:

20 "SECTION 3. The board of electricians and plumbers shall  
21 submit reports to the legislature no later than twenty days



1 prior to the convening of the regular sessions of 2019, 2020,  
2 2021, 2022, [~~and~~] 2023[-], 2024, 2025, 2026, and 2027. The  
3 reports shall include but not be limited to the following:

- 4 (1) Any programs in the State that offer vocational  
5 training for licensed electricians to perform high  
6 voltage electrical work;
- 7 (2) Availability of continuing education, training, or  
8 both, necessary for licensed electricians to acquire  
9 or keep current those skills related to performing  
10 high voltage work;
- 11 (3) The number of licensed electricians in the State  
12 qualified to perform high voltage electrical work; and
- 13 (4) Opportunities for growth in the high voltage work  
14 subspecialty."

15 SECTION 5. Statutory material to be repealed is bracketed  
16 and stricken. New statutory material is underscored.

17 SECTION 6. This Act shall take effect on July 1, 2022;  
18 provided that, notwithstanding the repeal and reenactment  
19 provision in section 4 of Act 65, Session Laws of Hawaii 2013,  
20 as amended by section 2 of Act 60, Session Laws of Hawaii 2018,  
21 and this Act, subsection (c) of section 448E-13, Hawaii Revised



1 Statutes, as added by section 2 of this Act, shall not be  
2 repealed when that section is reenacted on June 30, 2027,  
3 pursuant to section 4 of Act 65, Session Laws of Hawaii 2013, as  
4 amended by this Act.



**Report Title:**

Electrical Contractors; Licensing; Exemptions; High Voltage; Reports

**Description:**

Extends until 6/30/2027 Act 65, Session Laws of Hawaii 2013, as amended by Act 60, Session Laws of Hawaii 2018, which provides a limited exemption to the licensing requirements for certain individuals in situations when an electric utility must retain qualified individuals to work with high voltage (six hundred volts or higher) who are not licensed in the State but are otherwise deemed qualified by the electric utility, provided that the public utility certifies to the Board of Electricians and Plumbers that, after solicitation of a request for proposal, no electrician responded to the request who was sufficiently qualified and licensed in the State and was available and able to perform or timely complete the high voltage electrical work or task before the public utility recruited outside the State.  
(CD1)

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