

JAN 23 2014

A BILL FOR AN ACT

RELATING TO THE PUBLIC UTILITIES COMMISSION.

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

1 SECTION 1. The legislature finds that the original vision
2 for the State's interisland transmission system included a wind
3 energy generation facility located on one island that provides
4 electricity for an electric grid on another island. This vision
5 was later amended to include the possibility of interconnecting
6 the electric grids of two islands.

7 The legislature further finds that there are other possible
8 configurations for the State's interisland transmission system.
9 These possibilities include transmitting electricity to an
10 island's power grid from an offshore facility that uses
11 technology such as wave energy conversion, ocean-based solar and
12 wind generation, or ocean thermal energy conversion. Another
13 possible configuration would include a spur transmission system
14 that interconnects an onshore transmission system with an
15 interisland electric transmission cable.

16 Accordingly, the purpose of this Act is to expand the
17 definition of "high-voltage electric transmission cable system"
18 for the purposes of chapter 269, Hawaii Revised Statutes, to



1 allow alternative configurations of the interisland transmission
2 system.

3 SECTION 2. Section 269-131, Hawaii Revised Statutes, is
4 amended by amending the definition of "high-voltage electric
5 transmission cable system" to read as follows:

6 "High-voltage electric transmission cable system" means
7 one hundred twenty kilovolts or greater of alternating current
8 or direct current transmission cables constructed undersea,
9 including connected transmission cables or lines installed on
10 land that connect the electric utility [~~systems on two or more~~
11 ~~islands or allow for the transmission of power from one or more~~
12 ~~energy generation facilities to the electric utility system~~
13 ~~located on another island of the State;~~] system on one island
14 with an electricity generation facility, substation,
15 transmission line, or transmission grid located offshore or on
16 another island; alternating current substation or alternating
17 current-direct current converter station; on-island transmission
18 infrastructure if required; fiber optic communication cables;
19 and other appurtenant facilities."

20 SECTION 3. Statutory material to be repealed is bracketed
21 and stricken. New statutory material is underscored.



1 SECTION 4. This Act shall take effect upon its approval.

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INTRODUCED BY:

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S.B. NO. 3088

Report Title:

Public Utilities Commission; Interisland Transmission System

Description:

Amends definition of "high-voltage electric transmission cable system" to allow alternative configurations of the interisland transmission system.

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