

HAWAII STATE ENERGY OFFICE STATE OF HAWAII

235 South Beretania Street, 5TH Floor, Honolulu, HI 96813 | energy.hawaii.gov

DAVID Y. IGE
GOVERNOR

SCOTT J. GLENN
CHIEF ENERGY OFFICER

(808) 587-3807

Testimony of
SCOTT J. GLENN, Chief Energy Officer

before the
HOUSE COMMITTEE ON FINANCE
Monday, February 24, 2020
1:00 PM
State Capitol, Conference Room 308

In SUPPORT of
HB 1520, HD2
RELATING TO ENERGY EFFICIENCY.

Chair Luke, Vice Chair Cullen, and Members of the Committee, the Hawaii State Energy Office (HSEO) supports HB 1520, HD2. The bill will require energy consumption benchmarking for all nonresidential buildings as well as disclosure of resulting anonymized and aggregated benchmarking data to a prospective property buyer, lessee, or lender. This draft also addresses the process and square footage thresholds for benchmarking non-residential buildings.

Benchmarking measures a building's energy use against comparable buildings. Hawaii currently has policies in place to benchmark public facilities and buildings. For Hawaii to reach its clean energy goals, non-residential properties also must be required to benchmark their buildings. This will allow non-residential building owners to understand their building's energy performance and identify areas where energy can be saved. Improvements can then be made to lower the cost of operating the building. In doing so, energy consumption will decrease.

HSEO also believes that sharing benchmarking data can encourage the nonresidential buildings market to recognize and reward energy efficiency while creating a continuous cycle of improvement and demand for higher-performing buildings. HSEO supports benchmarking and data sharing, is aware of concerns regarding transparency, confidentiality, and supports the measures in this draft that address these concerns. HSEO is supportive of these measures and believes that this is in alignment with the State's clean energy and decarbonization goals.

Thank you for the opportunity to testify.

TESTIMONY OF
JAMES P. GRIFFIN, Ph.D.
CHAIR, PUBLIC UTILITIES COMMISSION
STATE OF HAWAII

TO THE
HOUSE COMMITTEE ON
FINANCE

February 24, 2020
1:00 p.m.

Chair Luke and Members of the Committee:

MEASURE: H.B. No. 1520 HD2

TITLE: RELATING TO ENERGY EFFICIENCY.

DESCRIPTION: Requires energy consumption benchmarking for all nonresidential buildings. Requires disclosure of resulting, anonymized and aggregated benchmarking data to a prospective property buyer, lessee, or lender. Effective 7/1/2100.

POSITION:

The Public Utilities Commission offers the following comments for consideration.

COMMENTS:

The Public Utilities Commission (“Commission”) is supportive of policies that enable customers to have greater access to their energy consumption data. In addition, the Commission is supportive of low-cost ways to drive energy efficiency savings, including energy benchmarking and increased transparency regarding energy usage in buildings.

The Commission works closely with the Public Benefits Fee Administrator (“Hawaii Energy”), which provides energy efficiency services to customers of the Hawaiian Electric Companies on the islands of Hawaii, Lanai, Maui, Molokai, and Oahu, to develop new energy efficiency programs and incentives. In addition, issues related to electricity data access and privacy have been raised in the context of the Hawaiian Electric Companies’ Grid Modernization project application (see Docket No. 2018-0141).

However, while the Commission regulates electric and gas utilities, the Commission is not equipped to enforce the requirements of subsection (e), which refers to disclosure of benchmarking data by building owners, operators, and agents to prospective buyers, lessees, or lenders. As such, the Commission recommends this subsection be moved outside of Chapter 269.

In addition, there are certain provisions in the proposed measure which may create challenges with implementation. For example, the Commission is concerned that the current version of this measure does not clearly establish an entity or organization to be responsible for maintaining the portfolio management tool described in Section 2, subsection (a), and in Section 3. Furthermore, there is uncertainty regarding the cost and timeline required to integrate electric and gas utility billing systems with the proposed portfolio management tool to enable secure flow of data. Finally, with respect to the definition of portfolio management tool in Section 3, the term “energy resources coordinator” is not defined.

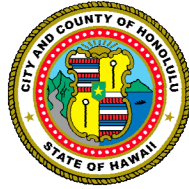
The Commission is aware that discussions among Hawaii Energy and other stakeholders are being conducted regarding the use and implementation of a benchmarking tool as contemplated by this measure. The Commission will continue working with Hawaii Energy and other stakeholders to develop an implementation strategy, should this measure move forward.

Thank you for the opportunity to testify on this measure.

OFFICE OF CLIMATE CHANGE, SUSTAINABILITY AND RESILIENCY

CITY AND COUNTY OF HONOLULU

650 SOUTH KING STREET, 9TH FLOOR • HONOLULU, HAWAII 96813
PHONE: (808) 768-2277 • EMAIL: resilientoahu@honolulu.gov • INTERNET: www.resilientoahu.org



KIRK CALDWELL
MAYOR

JOSHUA W. STANBRO
EXECUTIVE DIRECTOR &
CHIEF RESILIENCE OFFICER

MONDAY, FEBRUARY 24, 2020, 1:00 PM

STATE OF HAWAII
HOUSE COMMITTEE ON FINANCE

**TESTIMONY ON HOUSE BILL 1520, HD2
RELATING TO ENERGY EFFICIENCY**

BY,

JOSHUA STANBRO
EXECUTIVE DIRECTOR AND CHIEF RESILIENCE OFFICER
OFFICE OF CLIMATE CHANGE, SUSTAINABILITY AND RESILIENCY

Dear Chair Luke, Vice Chair Cullen, and Members of the Committee:

The City and County of Honolulu (“City”) Office of Climate Change, Sustainability and Resiliency **supports** HB1520, HD2, which promotes energy efficiency improvements in non-residential buildings by establishing energy benchmarking disclosure and transparency standards in the State of Hawai‘i.

Energy use in buildings accounts for 36% of greenhouse gas emissions on O‘ahu and energy waste imposes a significant economic burden on residents and businesses due to high electricity and energy costs. The State of Hawai‘i has been a leader in establishing energy efficiency programs that can help mitigate this source of carbon pollution and financial hardship. The development of an energy benchmarking program is a critical step to help building owners and managers, tenants, and policymakers at the State and municipal level identify measures to reduce energy use and contribute to our overall energy efficiency, renewable energy, and climate resilience priorities. Maximizing low-cost energy conservation measures in our existing built environment will allow us to achieve our aggressive renewable energy system goals in the most efficient and equitable manner, and avoid building more renewable energy projects and infrastructure than absolutely required to meet our needs.

The City has been working with the Counties of Hawai‘i, Kaua‘i, and Maui, and other stakeholders to develop its position on this bill along with potential amendments that would expand upon the current draft and ensure that the building blocks of a viable program are established. In combination with City and county resources, the State’s

Chair Luke
and Members of the Committee
HB1520, HD2
February 24, 2020, 1:00 PM
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existing energy efficiency programs provide a platform upon which to establish the necessary standards, processes, and procedures for a workable program to advance collective goals. Conserving energy in our existing built environment, and providing building owners, managers, and policy makers the tools and analytics they need to take action for themselves, is essential if we are to reach our shared 100% RPS or carbon neutrality goals by 2045.

Notwithstanding our support of advancing this bill, we recommend that the proposed rule of 15/15 referenced and defined in the bill be stricken and replaced as follows:

~~"Rule of 15/15" means a data set is considered anonymized if it consists of at least fifteen members, and no one member accounts for more than fifteen per cent of the quantity measured."~~

"Rule of 4/50" means a data set is considered anonymized if it consists of at least four individual accounts, and no one account represents more than fifty percent of the total load.

Thank you for the opportunity to offer our support of this draft and to testify in support of establishing an energy benchmarking program and a clear, transparent energy data standard for the State of Hawai'i, which in turn will provide consistency and clarity for all four counties as we work to support the state's energy efficiency and renewable energy goals.



OFFICE OF ECONOMIC DEVELOPMENT
THE COUNTY OF KAUA'I

DEREK S. K. KAWAKAMI, MAYOR
MICHAEL A. DAHILIG, MANAGING DIRECTOR

ROBBIE MELTON
DIRECTOR

Testimony of Ben Sullivan
Energy & Sustainability Coordinator, Office of Economic Development

Before the
House Committee on Finance
February 24, 2020; 1:00 pm
Conference Room 308

In consideration of
House Bill 1520 HD2 Relating to Energy Efficiency

Honorable Chair Luke, Vice Chair Cullen, and Members of the Committee:

The County of Kauai **supports with comments** HB 1520 HD2. This bill requires energy consumption benchmarking for all nonresidential buildings and disclosure of resulting, anonymized and aggregated benchmarking data to a prospective property buyer, lessee, or lender.

A large portion of greenhouse gas emissions in Hawaii result from energy consumption in buildings. Given our statewide commitments to reduce these emissions, there is ample reason for policy makers to focus in this area. Commercial building benchmarking has been proven as a low-cost, effective solution to increasing efficiency across the entire building stock of a given jurisdiction. In years past, some of the arguments against such programs were (1) to protect privacy, (2) to avoid placing undue reporting burden on building owners, and (3) to avoid adding costs to ratepayers for establishing reporting systems.

Early benchmarking programs were somewhat clumsy and placed an administrative burden on building owners by requiring them to manually input their energy use into benchmarking tools such as *Energy Star Portfolio Manager*. This required staff from each commercial facility to create a *Portfolio Manager* account, learn the *Portfolio Manager* interface and data input formats, and to periodically track down paper energy bills and hand enter the associated data. By setting up standardized utility data transfer, we can create a user friendly, secure reporting system that greatly reduces the burden to facility owners. Such a system benefits Hawaii's ratepayers far in excess of the cost to set it up.



We suggest that the proposed rule of 15/15 referenced and defined in the bill be stricken and replaced as follows:

~~"Rule of 15/15" means a data set is considered anonymized if it consists of at least fifteen members, and no one member accounts for more than fifteen per cent of the quantity measured."~~

"Rule of 4/50" means a data set is considered anonymized if it consists of at least four individual accounts, and no one account represents more than fifty percent of the total load.

A well-designed benchmarking program can deliver significant economic and environmental benefits without compromising privacy or burdening ratepayers.

We thank you for your leadership in implementing this important policy for Hawaii.



Hawai'i Energy

YOUR CONSERVATION & EFFICIENCY PROGRAM

1132 Bishop Street, Suite 1800 • Honolulu, Hawai'i 96813 • HawaiiEnergy.com • P: (808) 839-8880 • F: (808) 441-6068

Before the House Committee on Finance
Monday, February 24, 1:00 PM, Conference Room 308
HB 1520 HD2: Relating to Energy Efficiency

Chair Luke, Vice Chair Cullen, and members of the committee:

The Hawai'i Energy program supports the intent HB 1520 HD2 and offers the following comments.

Hawai'i Energy works to empower island families and businesses on behalf of the Hawai'i Public Utilities Commission (PUC) to make smart energy choices to reduce energy consumption, save money, and pursue a 100% clean energy future. Hawai'i Energy supports the intent of the bill to disclose aggregated benchmarking to prospective buyer, lesser or lessee's to better understand their buildings energy use. Hawai'i Energy also supports statewide benchmarking of nonresidential buildings and believes benchmarking to be a low cost and meaningful way to initiate energy savings in a building. Hawai'i Energy provides technical and financial assistance to assist residents and businesses in becoming more energy efficient.

Hawai'i Energy currently engages nonresidential building owners on a variety of levels to realize energy efficiency projects and has historically supported benchmarking for individual customers as well as make Hawai'i specific benchmarking available to the public.

Hawai'i Energy is willing provide technical assistance to businesses required to complete benchmarking activities as it is aligned with our mission. **However we are not a state agency nor have enforcement authority** and as such do not support the enforcement requirements of this legislation. **Enforcement should be the responsibility of a state agency or a county.**

In order to minimize data privacy and transfer, **Hawai'i Energy recommends that energy usage data should be provided directly from the utilities into the portfolio management tool.**

Hawai'i Energy is willing to continue its work with stakeholders to come up with the most cost-effective implementation plan.

Thank you for the opportunity to provide comments on and our **support** of HB1520 HD2.

Brian Kealoha
Executive Director
Hawai'i Energy



HOUSE COMMITTEE ON FINANCE

February 24, 2020, 1:00 P.M.

Room 308

(Testimony is 2 pages long)

TESTIMONY IN STRONG SUPPORT OF HB 1520 HD2

Aloha Chair Luke, Vice Chair Cullen, and Committee members:

Blue Planet Foundation **strongly supports** HB 1520 HD2, establishing an energy benchmarking requirement for commercial buildings above a certain size. This information will then be available to prospective buyers, lessees, or lenders so that they can make an informed choice about their monthly utility cost before committing to a property. **We believe that such a policy will help both consumers and businesses reduce energy costs while encouraging building owners and managers to reduce the carbon footprint of their buildings.**

Commercial building energy performance benchmarking is a foundational element of energy efficiency because **you can't manage what you don't measure**. Benchmarking energy use by regular measurement and disclosure has clear benefits for many stakeholders. Building owners understand how much electricity their properties use and can take steps to reduce wasted energy, helping them lower energy costs and stay competitive. Benchmarking data helps fill an information gap for commercial real estate firms and investors, providing everyone access to the same information. For tenants, benchmarking and disclosure provide valuable data to better understand energy use and make informed decisions.

Benchmarking benefits the entire community, too. Building performance data helps communities strategically meet energy efficiency and climate change reduction goals, by targeting energy efficiency rebates and incentives for buildings that have the most potential for savings. This is one reason why several U.S. cities—including Philadelphia, Chicago, San Francisco, New York, Washington, D.C, and most recently Boston—have adopted energy benchmarking and disclosure ordinances that require large buildings to benchmark energy use. In Boston, for example, large commercial buildings over 35,000 square feet and residential buildings with more than 35 units are required to report and disclose energy and water usage and greenhouse gas emissions. These cities are leveraging energy efficiency benchmarking, public accessibility to transparent data, and energy efficiency ratings to raise expectations and drive energy efficiency improvements throughout all building sectors.

info@blueplanetfoundation.org

55 Merchant Street 17th Floor • Honolulu, Hawai'i 96813 • 808-954-6161 • blueplanetfoundation.org

Building energy benchmarking serves as a powerful mechanism to measure energy performance of a single building over time, relative to other similar buildings, or to modeled simulations of a reference building built to a specific standard (such as an energy code). It facilitates energy accounting, comparing a facility's energy use to similar facilities to assess opportunities for improvement, and quantifying/verifying energy savings.

Benchmarking—and the energy efficiency tune-ups that it will foster—are job creators. **This legislation will essentially help Hawaii trade carbon emissions for jobs and money.** A benchmarking policy recently adopted by the city of Philadelphia is expected to create 600 job opportunities over five years. The opportunities will be for tune-up specialists, or inspectors, and workers to update building systems deemed in need of repairs.

House Bill 1520 proposes to use the industry-standard ENERGY STAR portfolio manager developed by the U.S. Environmental Protection Agency. Importantly, data is shared in a format that does not disclose any personally identifying information. **Blue Planet supports amendments to clarify the benchmarking data requirements and simplify implementation. We would be happy to work with this committee and the counties on these amendments.**

Blue Planet supports HB 1520 HD2 to help building owners, buyers, and lessees better understand the energy use of buildings and make informed choices.

Thank you for the opportunity to testify.



LATE

183 Pinana St., Kailua, HI 96734 • 808-262-1285 • info@350Hawaii.org

To: The House Committee on Finance
From: Brodie Lockard, Founder, 350Hawaii.org
Date: Monday, February 24 2020, 1:00 pm

In support of HB 1520 HD2

Dear Chair Luke and members:

350Hawaii.org supports HB 1520 HD2.

Building energy benchmarking is the process of comparing a facility's energy usage against facilities of a similar type or function to identify opportunities for savings. It is a useful starting point for building owners and operators to target energy savings opportunities.

Prospective property buyers, lessees, and lenders should have access to as much energy information as possible before they invest in a property. Energy transparency can lead to enormous savings via energy efficiency, the cheapest, quickest, and cleanest way to reach Hawaii's goal of zero emissions.

Hawaii already requires benchmarking for public facilities and buildings. This bill would expand energy consumption benchmarking to all nonresidential buildings.

Please pass it and take one more step toward Hawaii's goal of zero emissions.

Brodie Lockard
Founder, 350Hawaii.org



LATE

**Testimony to the Committee on Finance
Monday, February 24, 2020
1:00 PM
Conference Room 308, Hawaii State Capitol
House Bill 1520 HD2**

Chair Luke, Vice Chair Cullen, and members of the committee,

Hawaii Gas provides the following comments on HB 1520 HD2.

HB1520 HD2 amends section 269, Hawaii Revised Statutes, to add statutory language to require electric and gas utilities to disclose nonresidential private energy consumption data for users.

Hawaii Gas was historically established as Hawaii’s only franchised gas utility in 1904. Since its founding, the gas utility has provided a reliable and safe source of affordable natural gas supply to a small number of customers who use our services primarily for hot water heating and sanitation needs, cooking, laundry drying and, during times of emergency or electrical outages, as backup generation. However, unlike the electric utility, the gas utility is not a routine supplier to non-residential buildings.

Unlike gas utilities in other states that supply natural gas as a clean energy source for electric generation and to provide a heating source for buildings and homes, in Hawaii, commercial building operators and commercial tenants are not required to connect to the gas utility for their energy resource needs such as heat. Hawaii Gas customers rely on our service to supply limited appliances. For example, Hawaii Gas may supply a tenant who prefers to use natural gas for cooking if they operate a restaurant, or a medical services tenant may use our services for hot water heating and sanitation, or other commercial users that need backup resources especially if they operate equipment continuously. Depending on the commercial building, the gas utility may serve a small fraction of tenants or no tenants. So, the measure of use for aggregate natural gas data will be extraordinarily variable as compared to data collected by electric utilities who provide ubiquitous energy to commercial tenants.

We note that there may be challenges in implementing this measure. A “portfolio management tool” or “an equivalent tool” is undefined as it relates to a utility company application and integraton and there is uncertainty regarding the cost, timing, and integration of the gas utility usage and billing systems with this tool. There are unknowns as to the issues the download and importation this data may create. Additionally, data and portal security and consumer privacy would need to be protected.

Should this bill pass, we look forward to working with the stakeholders to resolve pending issues.

Thank you for the opportunity to testify on HB 1520 HD2.

LATE

HB-1520-HD-2

Submitted on: 2/23/2020 9:43:21 PM

Testimony for FIN on 2/24/2020 1:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Sylvia Dolena	Pele Lani Farm LLC	Support	No

Comments:

As one of 350Hawaii.org's 6,000 members, I support HB 1520 HD2.

Building energy benchmarking is the process of comparing a facility's energy usage against facilities of a similar type or function to identify opportunities for savings. It is a useful starting point for building owners and operators to target energy savings opportunities.

Hawaii already requires benchmarking for public facilities and buildings. This bill would expand energy consumption benchmarking to all nonresidential buildings.

Please pass it and take one more step toward Hawaii's goal of zero emissions.

Mahalo,

Sylvia Dolena

LATE

HB-1520-HD-2

Submitted on: 2/24/2020 10:09:09 AM

Testimony for FIN on 2/24/2020 1:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Joseph Kohn MD	We Are One, Inc. - www.WeAreOne.cc - WAO	Support	No

Comments:

In support of HB 1520 HD2

Dear Chair Luke and members:

As one of 350Hawaii.org's 6,000 members, I support HB 1520 HD2.

Building energy benchmarking is the process of comparing a facility's energy usage against facilities of a similar type or function to identify opportunities for savings. It is a useful starting point for building owners and operators to target energy savings opportunities.

Prospective property buyers, lessees, and lenders should have access to as much energy information as possible before they invest in a property. Energy transparency can lead to enormous savings via energy efficiency, the cheapest, quickest, and cleanest way to reach Hawaii's goal of zero emissions.

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Please pass it and take one more step toward Hawaii's goal of zero emissions.

www.WeAreOne.cc



LATE

**Testimony to the Committee on Finance
Monday, February 24, 2020
1:00 PM
Conference Room 308, Hawaii State Capitol

House Bill 1520 HD2**

Chair Luke, Vice Chair Cullen, and members of the committee,

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Unlike gas utilities in other states that supply natural gas as a clean energy source for electric generation to provide a heating source for buildings and homes, in Hawaii, commercial building operators and commercial tenants are not required to connect to the gas utility for their energy resource needs such as heat. Hawaii Gas customers rely on our service to power certain appliances. Also, unlike in other states, For example, Hawaii Gas may supply a tenant who prefers to use natural gas for cooking if they operate a restaurant, or a medical services tenant may use our services for hot water heating and sanitation, or other commercial users that need backup power resources especially if they must operate equipment continuously 24/7. Depending on the commercial building, the gas utility may serve a small fraction of tenants or no tenants. So, the measure of use for aggregate natural gas data will be extraordinarily variable as compared to data collected by electric utilities who provide ubiquitous energy to commercial tenants.

We note that there may be challenges in implementing this measure. A “portfolio management tool” or equivalent is undefined and there is uncertainty regarding the cost, timing, and integration of the gas utility billing systems with this tool. Additionally, data security and consumer privacy would need to be protected.

Should this bill pass, we look forward to working with the stakeholders to resolve pending issues.

Thank you for the opportunity to testify on HB 1520 HD2.

LATE

HB-1520-HD-2

Submitted on: 2/23/2020 9:22:32 PM

Testimony for FIN on 2/24/2020 1:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
tlaloc tokuda	Individual	Support	No

Comments:

To: The House Committee on Finance

From: **Tlaloc Tokuda**

Date: Monday, February 24, 2020, 1:00 pm

In support of HB 1520 HD2

Dear Chair Luke and members:

As one of 350Hawaii.org's 6,000 members, I support HB 1520 HD2.

Building energy benchmarking is the process of comparing a facility's energy usage against facilities of a similar type or function to identify opportunities for savings. It is a useful starting point for building owners and operators to target energy savings opportunities.

Prospective property buyers, lessees, and lenders should have access to as much energy information as possible before they invest in a property. Energy transparency can lead to enormous savings via energy efficiency, the cheapest, quickest, and cleanest way to reach Hawaii's goal of zero emissions.

Hawaii already requires benchmarking for public facilities and buildings. This bill would expand energy consumption benchmarking to all nonresidential buildings.

Please pass it and take one more step toward Hawaii's goal of zero emissions.

Tlaloc Tokuda

Kailua Kona HI 96740

LATE

HB-1520-HD-2

Submitted on: 2/24/2020 6:54:05 AM

Testimony for FIN on 2/24/2020 1:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Nanea Lo	Individual	Support	No

Comments:

Dear Chair Luke and members:

As one of 350Hawaii.org's 6,000 members, I support HB 1520 HD2.

Building energy benchmarking is the process of comparing a facility's energy usage against facilities of a similar type or function to identify opportunities for savings. It is a useful starting point for building owners and operators to target energy savings opportunities.

Prospective property buyers, lessees, and lenders should have access to as much energy information as possible before they invest in a property. Energy transparency can lead to enormous savings via energy efficiency, the cheapest, quickest, and cleanest way to reach Hawaii's goal of zero emissions.

Hawaii already requires benchmarking for public facilities and buildings. This bill would expand energy consumption benchmarking to all nonresidential buildings.

Please pass it and take one more step toward Hawaii's goal of zero emissions.

me ke aloha 'Ä• ina,

Nanea Lo

LATE

HB-1520-HD-2

Submitted on: 2/24/2020 9:42:56 AM

Testimony for FIN on 2/24/2020 1:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
J Riverstone	Individual	Support	No

Comments:

Dear Chair Luke and members:

As one of 350Hawaii.org's 6,000 members, I support HB 1520 HD2.

Building energy benchmarking is the process of comparing a facility's energy usage against facilities of a similar type or function to identify opportunities for savings. It is a useful starting point for building owners and operators to target energy savings opportunities.

Prospective property buyers, lessees, and lenders should have access to as much energy information as possible before they invest in a property. Energy transparency can lead to enormous savings via energy efficiency, the cheapest, quickest, and cleanest way to reach Hawaii's goal of zero emissions.

Hawaii already requires benchmarking for public facilities and buildings. This bill would expand energy consumption benchmarking to all nonresidential buildings.

Please pass it and take one more step toward Hawaii's goal of zero emissions.

Sincerely

Jerry Riverstone

LATE

HB-1520-HD-2

Submitted on: 2/24/2020 10:15:22 AM

Testimony for FIN on 2/24/2020 1:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Stuart Coleman	Individual	Support	Yes

Comments:

LATE

HB-1520-HD-2

Submitted on: 2/24/2020 10:44:10 AM

Testimony for FIN on 2/24/2020 1:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Victoria Anderson	Individual	Support	No

Comments:

Prospective property buyers, lessees, and lenders should have access to as much energy information as possible before they invest in a property. Energy transparency can lead to enormous savings via energy efficiency, the cheapest, quickest, and cleanest way to reach Hawaii's goal of zero emissions.

Hawaii already requires benchmarking for public facilities and buildings. This bill would expand energy consumption benchmarking to all nonresidential buildings.