



DAVID Y. IGE
GOVERNOR

JOSH GREEN
LT. GOVERNOR

**STATE OF HAWAII
OFFICE OF THE DIRECTOR
DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS**

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DEPUTY DIRECTOR

Testimony of the Department of Commerce and Consumer Affairs

**Before the
House Committee on Consumer Protection and Commerce
Thursday, February 6, 2020
2:00 p.m.
State Capitol, Conference Room 329**

**On the following measure:
H.B. 2657, H.D. 1, RELATING TO A COAL-FREE HAWAII**

Chair Takumi and Members of the Committee:

My name is Dean Nishina, and I am the Executive Director of the Department of Commerce and Consumer Affairs' (Department) Division of Consumer Advocacy. The Department supports the intent of and offers comments on this bill.

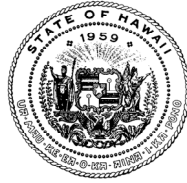
The purposes of this bill are to prohibit the: (1) issuance or renewal of covered source air permits for coal-burning electricity generation facilities after 12/31/2022; and (2) approval of a new, modified, or renewed power purchase agreement for electricity generated from coal after 6/30/2020.

As noted in the bill's preamble, the term of Hawaiian Electric Company's power purchase agreement with the AES Hawaii Power Plant will conclude in 2022, and Hawaiian Electric Company has initiated plans, pursuant to the O`ahu Power Supply Improvement Plan accepted by the Public Utilities Commission (Commission) in Docket No. 2014-0183, to replace that generation capacity through other cleaner sources, such as the dispatchable solar projects combined with storage that were recently approved

by the Commission. Thereafter, according to the accepted plan, and limited by the renewable portfolio standards interim milestones, it is exceedingly unlikely that Hawaiian Electric Company or any other regulated electric utility company would pursue a new, modified, or renewed power purchase agreement with a coal facility of which the Consumer Advocate would recommend approval.

The Legislature's passage of this measure would clearly signal Hawaii's commitment to clean energy. Based on the intent of this bill, the Department suggests modifying certain language to close potential loopholes. For example, it should be made clear that the Commission should not approve: (1) any power purchase agreement for a facility that relies entirely or partly on coal as a fuel source; (2) any fuel supply agreement that will provide coal for the purposes of generating electricity; or (3) the construction or purchase of any facility intended to use coal as a fuel source by a utility company. The Legislature should also consider whether any housekeeping measures would be appropriate, such as revising the provision in Hawaii Revised Statutes section 243-3.5 that allows an independent power producer to pass on the coal tax to a purchasing utility company, to eliminate other statutory provisions that might facilitate a coal-burning electricity generating facility.

Thank you for the opportunity to testify on this bill.



STATE OF HAWAII
DEPARTMENT OF HEALTH
P. O. Box 3378
Honolulu, HI 96801-3378
doh.testimony@doh.hawaii.gov

**Testimony COMMENTING on HB 2657, HD1
RELATING TO A COAL-FREE HAWAII**

REPRESENTATIVE ROY M. TAKUMI, CHAIR
HOUSE COMMITTEE ON CONSUMER PROTECTION AND COMMERCE
Hearing Date: 2/6/2020 Room Number: 329

1 **Fiscal Implications:** Economic and operational impacts on the sole coal-burning facility in the
2 State of Hawaii and potential effects on Oahu electricity costs.

3 **Department Testimony:** The Department of Health (Department) offers the following
4 comments on this bill that proposes to prohibit the issuance or renewal of an air pollution control
5 permit to a coal-fired, electricity generating source beyond December 31, 2022.

6 The Department supports the bill's goals to reduce mercury and greenhouse gas (GHG)
7 emissions in striving for clean and renewable energy for Hawaii. The bill aligns with long term
8 power supply improvement plans for Oahu to convert to cleaner/renewable sources of energy such
9 as photovoltaic and wind energy, and supports Hawaii's 100 percent Renewable Portfolio Standard
10 and 2045 carbon neutrality goals. Coal naturally contains mercury, a neurotoxin which can make
11 its way into the soil and water. The GHG emissions from burning coal contribute to climate change
12 and sea level rise. Fugitive dust and particulate matter concerns related to the handling and
13 processing of coal as well as the transfer of coal ash to the PVT landfill would also be eliminated
14 with the passing of this bill.

15 The primary goal of the bill is to reduce emissions of mercury and greenhouse gas (GHG)
16 emissions by preventing the use of coal. The one affected facility in Hawaii burns coal with low
17 mercury levels and uses multiple technologies that includes particulate collection air pollution
18 control systems to minimize mercury emissions to the atmosphere. The level of mercury
19 emissions per MWhr (Megawatt-hour) from this facility is ranked as the fourth highest among

1 the largest power generating plants statewide . The facility also generates GHG emissions at a
2 rate per MWhr of electricity production that is the fourth highest among Hawaii’s largest power
3 producers.

4 CAB’s regulatory review of any air permit application is based on a source meeting state
5 and federal air standards and regulations. The review compares the proposed source emissions
6 to a set of limits or requirements that set an objective standard (e.g., state and federal air quality
7 standards) for approving or denying the permit. All facilities are required to demonstrate
8 compliance with these standards before an air permit is approved. This bill would modify this
9 approach and restrict permitting based on fuel type.

10 The Department supports replacement of Oahu’s coal and other fossil fuel generated
11 electrical power with cleaner sources of energy, and the Hawaiian Electric Power Supply
12 Improvement Plan shows numerous additional clean energy sources (e.g., photovoltaic, wind, etc.)
13 will be added to Oahu’s power supply in the future. However, the Department cautions that should
14 the energy shortfall from elimination of coal fueled power generation have to be met by other
15 existing power plants on Oahu, there may be little or no reduction realized, as other large electric
16 generating stations may emit comparable or even greater emissions.

17 **Offered Amendments:** None.

18 Thank you for the opportunity to testify on this measure.

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

TO THE
HOUSE COMMITTEE ON
CONSUMER PROTECTION & COMMERCE

February 6, 2020
2:00 p.m.

Chair Takumi and Members of the Committee:

MEASURE: H.B. No. 2657 HD1

TITLE: RELATING TO A COAL-FREE HAWAII.

DESCRIPTION: Prohibits the issuance or renewal of covered source air permits for coal-burning electricity generation facilities after 12/31/2022. Prohibits the approval of a new, modified, or renewed power purchase agreement for electricity generated from coal after 6/30/2020. Takes effect on 7/1/2050. (HDI)

POSITION:

The Public Utilities Commission offers the following comments for consideration.

COMMENTS:

The Hawaiian Electric Companies' current Power Supply Improvement Plan ("PSIP") was filed with the Public Utilities Commission ("Commission") on December 23, 2016 in Docket No. 2014-0183. The Commission subsequently accepted the PSIP, with conditions, by Decision and Order No. 34696 on July 14, 2017.

In the PSIP, the HECO Companies state their intention to allow the existing power purchase agreement for electricity generated from coal on Oahu to "expire without renewal" when it ends 2022 (see PSIP at pages M-6 and M-34).

After the success of the HECO Companies' Phase 1 request for proposals (RFP) for new renewable energy and storage projects across the HECO Companies' service territories (Docket No. 2017-0352), the Commission directed the HECO Companies to expand

Phase 2 substantially, in order to significantly boost the acquisition of renewable and dispatchable generation and help enable the retirement of the AES coal-fired plant on schedule. In addition, the Commission directed the HECO Companies to conduct a grid services RFP, with the goal of utilizing customer-sited distributed energy resources to help replace the essential grid services currently provided by the AES facility. According to the HECO Companies' schedule, Phase 2 projects will be selected in mid-2020, with contract negotiations and applications for Commission approval to continue into 2021.

Thank you for the opportunity to testify on this measure.



HB 2657, HD 1, RELATING TO A COAL-FREE HAWAII

FEBRUARY 6, 2020 · HOUSE CONSUMER
PROTECTION AND COMMERCE COMMITTEE ·
CHAIR REP. ROY M. TAKUMI

POSITION: Support.

RATIONALE: IMUAlliance supports and suggests an amendment for HB 2657, HD 1, relating to a coal-free Hawai'i, which prohibits the issuance or renewal of covered source air permits for coal-burning electricity generation facilities after 12/31/2022 and prohibits the approval of a new, modified, or renewed power purchase agreement for electricity generated from coal after 6/30/2020.

According to a report produced by the Hawai'i Climate Change Mitigation and Adaptation Commission, global sea levels could rise more than three feet by 2100, with more recent projections showing this occurring as early as 2060. In turn, over the next 30 to 70 years, approximately 6,500 structures and 19,800 people statewide will be exposed to chronic flooding.

Additionally, an estimated \$19 billion in economic loss would result from chronic flooding of land and structures located in exposure areas. Finally, approximately 38 miles of coastal roads and 550 cultural sites would be chronically flooded, on top of the 13 miles of beaches that have already been lost on Kaua'i, O'ahu, and Maui to erosion fronting shoreline armoring, like seawalls.

Furthermore, according to research conducted by Michael B. Gerrard from Columbia Law School, modern-day slavery tends to increase after natural disasters or conflicts where large numbers of

people are displaced from their homes. In the decades to come, says Gerrard, **climate change will very likely lead to a significant increase in the number of people who are displaced and, thus vulnerable, to human trafficking.** While the Paris Climate Agreement of 2015 established objectives to limit global temperature increases and several international agreements are aimed at combating modern-day slavery, it is highly uncertain whether they will be adequate to cope with the scale of the problem that is likely to occur as a result of climate change.

As we work to reduce carbon emissions and stave off the worst consequences of climate change, we must begin preparing for the adverse impact of sea level rise on our shores. We are now quantifying the speed at which we must act. We cannot continue to develop the 25,800-acre statewide sea level rise exposure area—one-third of which is designated for urban use—without risking massive structural damage and, potentially, great loss of life.

Accordingly, our state must stop using coal to generate energy. Coal-fired power generation continues to be the single largest source of carbon emissions, accounting for 30 percent of all energy-related carbon dioxide emissions, according to the International Energy Agency. Coal is also the single largest source of global temperature increase, according to the IEA.

Moreover, the United Nation's Intergovernmental Panel on Climate Change's "Special Report on 1.5 Degrees Celsius," released in 2018, found that limiting the Earth's warming to 1.5 degrees Celsius, believed to be a threshold to avert the most devastating effects of climate change by many scientists, would entail completely eliminating the use of coal for electricity on a global scale.

Coal is currently used to generate electricity on the island of O'ahu at the AES Hawai'i Power Plant in Kapolei. Yet, the power purchase agreement between AES and the Hawaiian Electric Company is set to expire in 2022. HECO has already declared that it does not intend to extend the contract because the 180-megawatt power plant is inflexible and ill-suited for a small island electricity grid that increasingly relies on renewable energy.

Hawai'i is a national and global leader in clean energy policy and generation. To maintain that status and advance our community's efforts to combat climate change, we must abolish coal from our state's energy supply and electrical grids.

HB-2657-HD-1

Submitted on: 2/4/2020 3:00:36 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Dyson Chee	Hawaii Youth Climate Coalition	Support	Yes

Comments:

Aloha Chair Takumi, Vice Chair Ichiyama, and Members of the Committee,

My name is Dyson Chee and I am a 17 year-old high schooler living in Ala Moana. Hawaii Youth Climate Coalition stands in strong support of HB2657, which would make Hawai'i coal-free by 2023.

It is absolutely critical that we stop our coal consumption, not just to meet our 2045 renewable energy goals, but because the coal ash that is a by-product of burning coal is a health hazard. According to the EPA, coal ash "contains contaminants like mercury, cadmium and arsenic." When we transport truckloads of this coal ash to the Nā• nā• kuli PVT landfills, both the landfill workers, truck drivers, and neighboring communities inhale and ingest this ash, which negatively impacts their health. Some of these communities only live 750ft away from the landfill. I have heard multiple stories from Nā• nā• kuli residents about waking up to find a fine, powdery coating on their porches and window sills—the coal ash. There is information to back this up as well: recent U.S. Census Data shows that the life expectancy of Nā• nā• kuli residents is **10 years less** than the Hawai'i average. If AES continues to operate beyond 2023, that would be a disaster. We must ensure that this cannot happen. I urge you to pass HB2657, for the sake of the people we call 'ohana, and for the keiki of Hawai'i.

Sincerely,

Dyson Chee



Pono Hawai'i Initiative

Josh Frost - President • Patrick Shea - Treasurer • Kristin Hamada
Nelson Ho • Summer Starr

Wednesday, January 29, 2020

Relating to a Coal-Free Hawaii
Testifying in Support with amendments

Aloha Chair and members of the committee,

The Pono Hawai'i Initiative (PHI) **supports with Amendments HB2657, HD1 Relating to a Coal-Free Hawaii**, which will help Hawai'i transition to a clean energy economy powered by 100% renewable energy by prohibiting coal power purchase agreements (new, modified or renewed) by June 2020 and prohibiting the issuance or renewal of covered source air permits for coal-burning electricity generating facilities by December 2022.

These two steps will eliminate the use of coal in Hawai'i for electricity generation and will help create a cleaner climate for the entire state.

For all these reasons, we urge you to move **this bill forward with a clean effective date**, lets help Hawai'i reach its clean energy future!

Mahalo for the opportunity,
Gary Hooser
Executive Director
Pono Hawai'i Initiative

HB-2657-HD-1

Submitted on: 2/4/2020 4:48:23 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Ted Bohlen	Climate Protectors Coalition	Support	No

Comments:

Chair Takumi, Vice Chair Ichiyama, and Consumer Protection and Commerce Committee members:

The Climate Protectors Coalition **strongly supports** HB2657 HD1!

We are a new group inspired by the Mauna Kea Protectors but focused on reversing the climate crisis. As a tropical island State, Hawaii will be among the first places harmed by the global climate crisis, with more intense storms, loss of protective coral reefs, and rising sea levels. We must do all we can to reduce our carbon footprint and become at least carbon neutral as soon as possible, including ending use of coal to generate electricity as soon as possible, with no renewed or new power purchase agreements after 6/30/20 and no burning of coal after 2022. Mahalo!

HB-2657-HD-1

Submitted on: 2/4/2020 5:18:14 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Alexandra Kahn	Surfrider Oahu	Support	No

Comments:



Chair Roy Takumi
Vice Chair Linda Ichiyama

House Committee on Consumer Protection and Commerce

Thursday, February 6, 2020
2:00 PM

**TESTIMONY IN STRONG SUPPORT OF HB2657 HD1 RELATING TO A COAL-FREE
HAWAI'I**

Aloha Chair Takumi, Vice Chair Ichiyama, Members of the House Committee on Consumer Protection and Commerce,

My name is Jun Shin. I am a Sophomore at the University of Hawai'i at Mānoa. I currently serve as the Environmental Justice Action Committee Chair for the Young Progressives Demanding Action (YPDA). YPDA advocates for public policies that reflect the values of young people throughout the State of Hawai'i. YPDA is in **Strong Support** of **HB2657 HD1**, Relating to a Coal-Free Hawai'i.

Burning coal is harmful to both the environment. It contributes heavily to greenhouse gas emissions and as the Union of Concerned Scientists have pointed out, "When coal is burned it releases a number of airborne toxins and pollutants. They include mercury, lead, sulfur dioxide, nitrogen oxides, particulates, and various other heavy metals. Health impacts can range from asthma and breathing difficulties, to brain damage, heart problems, cancer, neurological disorders, and premature death."¹ This is both an environmental issue and a public health issue as well. In the face of a climate crisis, this current model of doing business is simply not sustainable.

The power purchase agreement between AES Hawaii Power Plant (Our last coal power plant) and Hawaiian Electric Company is set to expire in 2022, we need to let that agreement naturally come to an end in 2022 as originally intended. It is concerning that AES has been attempting to increase their emissions. Hawai'i is already setting an example with its ambitious goal of being powered by 100% renewable energy. AES can help make a meaningful contribution to our future by scaling down their coal-burning, and turning to clean energy projects that don't harm communities. If we are to take on climate change and its catastrophic effects on our society, economy, and natural resources, clean and renewable energy will be very important.

While talking about clean energy and the environment, we simply cannot forget the social and economic justice components involved in this permit application. Toxic coal ash is being sent to the PVT Landfill in Nānākuli, joining a stockpile of other materials burned by the AES Hawaii Power Plant. This creates a public health crisis for both the plant workers and residents, especially considering the PVT Landfill being 750 feet from residential areas and schools where people raise families and keiki go to learn. The Wai‘anae community consists of many Native Hawaiians and Pacific Islanders, groups of people that have for generations faced disenfranchisement in crucial areas such as economic stability, and access to natural resources.

Socioeconomic and sociopolitical factors have led to negative consequences such as severe health disparities.² These communities must not be left behind, and their concerns for their surrounding environment should not be ignored. A green future is one in which disenfranchised communities are able to participate in and prosper in a transition to a green economy. Having opportunities to play an integral role in decision making processes that affect their lives, their health and wellbeing.

Young Progressives Demanding Action is in **Strong Support** of **HB2657 HD1**. Please pass this bill through your committee.

Mahalo for the opportunity to testify,

Jun Shin,
Environmental Justice Action Committee Chair
Young Progressives Demanding Action (YPDA)
P.O. Box 11105
Honolulu, HI 96828
Cell: 808-255-6663
Email: junshinbusiness729@gmail.com
CC: action@ypdahawaii.org

¹ <https://www.ucsusa.org/clean-energy/coal-impacts>

² <http://mauiolanetwork.com/wp-content/uploads/2018/12/SNRA3.pdf>



SIERRA CLUB OF HAWAI'I

HOUSE COMMITTEE ON CONSUMER PROTECTION AND COMMERCE

February 6, 2020 2:00 PM Room 329

In **SUPPORT** of **HB2657 HD1**: Relating to a coal-free Hawai'i

Aloha Chair Takumi, Vice Chair Ichiyama, and members of the committee,

On behalf of our 20,000 members and supporters, the Sierra Club of Hawai'i **supports HB2657**, which prohibits the issuance or renewal of covered source air permits for coal-burning electricity generation facilities after 12/31/2022 and prohibits the approval of a new, modified, or renewed power purchase agreement for electricity generated from coal after 6/30/2020.

Not only is burning coal responsible for one third of US carbon emissions, but it is also leading to as many as 13,000 premature deaths every year and more than \$100 billion in annual health costs.¹ Several principal emissions result from coal combustion, including²:

- Sulfur dioxide (SO₂), which contributes to acid rain and respiratory illnesses
- Nitrogen oxides (NO_x), which contribute to smog and respiratory illnesses
- Particulates, which contribute to smog, haze, and respiratory illnesses and lung disease
- Carbon dioxide (CO₂), which is the primary greenhouse gas produced from burning fossil fuels (coal, oil, and natural gas)
- Mercury and other heavy metals, which have been linked to both neurological and developmental damage in humans and other animals
- Fly ash and bottom ash, which are residues created when power plants burn coal

Hawai'i has only one coal-fired power plant remaining in service, it is the AES plant on O'ahu which has a power purchase agreement that is already set to expire in 2022. Passage of this bill ensures that Hawai'i will be "coal-free by 2023", solidifying plans to transition Hawai'i from dirty energy and encouraging AES and Hawaiian Electric Company (HECO) to redirect its focus to clean energy and battery storage projects. We know that both AES and HECO are capable and pursuing large-scale clean energy projects throughout the state. Recently in April 2019, HECO solicited 900 megawatts of clean energy RFP's, including solar and wind generation and

¹ <https://content.sierraclub.org/coal/about-the-campaign>

² https://www.eia.gov/energyexplained/index.php?page=coal_environment

renewables plus storage, in anticipation of the AES coal plant closure in 2022. Pending approval from the Public Utilities Commission, the first projects would come online by 2022.³

The closure of the coal plant is also an environmental justice and equity issue. Toxic coal ash produced for all O‘ahu ratepayers is currently being dumped at the PVT Landfill in Nānākuli, exposing workers and nearby communities to a wide range of health risks. Public health needs to be a priority and no single community should suffer the burden of our energy or waste management facilities. It is time to end the use of coal in Hawai‘i to address this burden on our westside neighbors.

HB2657 furthers Hawai‘i’s commitment to 100% clean energy by 2045 and sets another example of the legislature’s leadership to mitigate the harmful effects of climate change in a way that is equitable and just.

Thank you very much for this opportunity to provide testimony in **support of HB2657**.

Mahalo,



Jodi Malinoski, Policy Advocate



**Hawaiian
Electric**

**TESTIMONY BEFORE HOUSE COMMITTEE ON
CONSUMER PROTECTION AND COMMERCE**

H.B. 2657 H.D. 1

Relating to a Coal-Free Hawaii

Thursday, February 6, 2020

2:00pm, Agenda Item #7

State Capitol, Conference Room 329

Chris Lau

Manager, Corporate Energy Planning
Hawaiian Electric Company, Inc.

Chair Takumi, Vice Chair Ichiyama, and Members of the Committee,

My name is Chris Lau and I am testifying on behalf of Hawaiian Electric Company, Inc. (Hawaiian Electric), **offering comments on H.B. 2657 H.D. 1**, Relating to a Coal-Free Hawaii. Hawaiian Electric currently has one contract with an independent power producer (AES Hawaii) to provide coal-fired generation, and the contract is set to expire in September 2022. Hawaiian Electric has no plans to extend or renew the contract.

Thank you for this opportunity to testify.

HB-2657-HD-1

Submitted on: 2/4/2020 2:12:06 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Randy Ching	Individual	Support	No

Comments:

Aloha Chair Takumi, Vice Chair Ichiyama and members of the committee,

I strongly support HB2657. Hawaii needs to close down the AES coal plant when the PPA expires in September 2022. Hawaii NEEDS to get to 100% renewable energy yesterday. There should be no burning of fossil fuels in Hawaii. At an absolute minimum, there should be no electricity generated from the burning of fossil fuels.

The climate emergency requires us to do EXTRAORDINARY things. Not business as usual, not incrementalism. We don't have millenia; we don't have centuries; we don't have decades. At most, we have one decade to change our entire way of living on Earth. The time for small changes is over. We act NOW or we suffer the consequences of centuries of ever worsening climate. If you think today is bad, wait for the next few decades. It's going to get worse by an order of magnitude. You ain't seen nothing yet.

Pleas pass HB2657 HD1. It's good for Hawaii and good for the Earth. Mahalo nui loa.

Randy Ching

Honolulu

HB-2657-HD-1

Submitted on: 2/4/2020 4:40:20 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Mio Chee	Individual	Support	No

Comments:

I support coal-free Hawaii. We can't risk the health of children of Hawaii.

HB-2657-HD-1

Submitted on: 2/4/2020 4:48:53 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Micah Chee	Individual	Support	No

Comments:

HB-2657-HD-1

Submitted on: 2/4/2020 5:40:30 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Jody Smith	Individual	Support	No

Comments:

Please show leadership and put coal use in Hawaii's past. AES has no need to extend their use of coal. Challenge them to fight Greenhouse gases and eliminate highly polluting energy generation with coal.

HB-2657-HD-1

Submitted on: 2/4/2020 7:40:55 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Korynn Grenert	Individual	Support	No

Comments:

Hawai'i should strive to use renewable energy that is better for the environment, more sustainable, and ultimately cheaper (especially when looking at solar!). We should be supporting ourselves through renewable energy rather than using fossil fuels.

HB-2657-HD-1

Submitted on: 2/4/2020 7:54:32 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Benton Kealii Pang, Ph.D.	Individual	Support	No

Comments:

HB-2657-HD-1

Submitted on: 2/4/2020 9:00:44 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Sherry Pollack	Individual	Support	No

Comments:

Coal has no place in Hawaii's clean energy future. Coal is a major contributor to climate breakdown, the effects of which are already being felt in Hawaii. Burning it also emits mercury, a leading cause of preventable birth defects like brain damage and cerebral palsy. Further, the Waianae coast community has been directly impacted by the use of toxic coal ash at the PVT landfill. We must stop this injustice.

HB-2657-HD-1

Submitted on: 2/4/2020 9:56:08 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Jason Shon	Individual	Support	No

Comments:

HB-2657-HD-1

Submitted on: 2/4/2020 11:01:16 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Elizabeth c McDermott	Individual	Support	No

Comments:

HB-2657-HD-1

Submitted on: 2/5/2020 7:20:29 AM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Nathan Yuen	Individual	Support	No

Comments:

I strongly support **HB2657 HD1** which prohibits the issuance or renewal of covered source air permits for coal-burning electricity generation facilities after 12/31/2022. It also prohibits the approval of a new, modified, or renewed power purchase agreement for electricity generated from coal after 6/30/2020.

We need to transition away from fossil fuels and wean ourselves off coal -- the dirtiest of the fossil fuels which introduced mercury into the environment when its i burned for fuel. We need to provide addition motivation for AES to transition to renewable energy. I strongly support **HB2657 HD1**.

HB-2657-HD-1

Submitted on: 2/5/2020 11:25:57 AM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Lucy Fagan	Individual	Support	No

Comments:

Aloha. My name is Lucy and I am a Sophomore at Kalani Highschool. I would like to voice my support for HB 2657 that would help make Hawaii Coal-free.

The science is clear that we are entering a global climate crisis and will face many consequences to our actions. Our oceans are rising and acidifying. Coral is dying and our beaches are beginning to disappear. Our reliance on fossil fuels contributes to the CO2 in our air that leads to warming that triggers these issues. I want to continue to grow up on an island that is working to become greener. I want to be proud of the energy that I use and believe we are doing everything we can do to combat climate change. So please, help make not only my future cleaner, but also all of the other youths futures cleaner, as well as your own.

HB-2657-HD-1

Submitted on: 2/5/2020 12:47:29 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Samantha Steenhuis	Individual	Support	No

Comments:

Aloha Chair Takumi, Vice Chair Ichiyama, and Members of the Committee,

My name is Samantha Steenhuis and I am a 20 year-old college student from Hawaii Kai. I stand in strong support of HB2657, which would make Hawai'i coal-free by 2023.

Hawaii being miles away from the mainland is most vulnerable to the the dangers of climate change and is heavily reliant on our imports for survival. These imports are not sustainable for the future and we should be pushing the island to be more green. Instead of keeping coal on our island we need to have a shift towards renewables and lowering our consumption. It is absolutely critical that we stop our coal consumption, not just to meet our 2045 renewable energy goals, but because the coal ash that is a by-product of burning coal is a health hazard. According to the EPA, coal ash "contains contaminants like mercury, cadmium and arsenic." When we transport truckloads of this coal ash to the NÄ• nÄ• kuli PVT landfills, both the landfill workers, truck drivers, and neighboring communities inhale and ingest this ash, which negatively impacts their health. Some of these communities only live 750ft away from the landfill. If AES continues to operate beyond 2023, that would be a disaster. We must ensure that this cannot happen. I urge you to pass HB2657, for the sake of the people we call 'ohana.

Mahalo,
Samantha

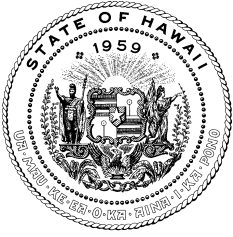
HB-2657-HD-1

Submitted on: 2/5/2020 12:58:49 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Debra Koonohiokala Norenberg	Individual	Support	No

Comments:



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

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Testimony of **SCOTT J. GLENN, Chief Energy Officer**

before the
HOUSE COMMITTEE ON CONSUMER PROTECTION & COMMERCE
Thursday, February 6, 2020
2:00 PM
State Capitol, Conference Room 329

In SUPPORT of **HB 2657, HD1** **RELATING TO A COAL-FREE HAWAII.**

Chair Takumi, Vice Chair Ichiyama, and members of the Committee. The Hawaii State Energy Office (HSEO) supports HB 2657, HD1 which prohibits the issuance or renewal of covered source air permits for coal-burning electricity generation facilities after December 31, 2022.

The purpose of the HSEO is to promote energy efficiency, renewable energy, and clean transportation to help achieve a resilient, clean energy, decarbonized economy. Decarbonizing the electric sector is essential for Hawaii to achieving the zero emissions clean economy target set forth in Hawaii Revised Statutes (HRS) §225P-5 to sequester more atmospheric carbon and greenhouse gases than emitted within the State as quickly as practicable, but no later than 2045. On September 13, 2018 Governor Ige signed onto the Powering Past Coal Alliance, who came to an agreement that phasing out unabated coal power is one of the most important steps governments can take to tackle climate change and meet our commitment to keep global temperature increase well below 2°C, and to pursue efforts to limit it to 1.5°C. For Hawaii, stationary combustion, which includes fuel combustion emissions from electric power plants and petroleum refineries, represents roughly 40% of greenhouse gas emissions¹ in the state. In addition, the state is actively pursuing the decarbonization of ground transportation through electrification. As ground transportation is approximately 20% of the state's greenhouse gas

¹ https://health.hawaii.gov/cab/files/2019/12/2016-Inventory_Final-Report_December2019-1.pdf

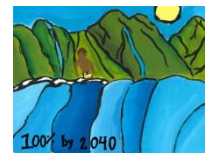
emissions², reducing the emission factor of electric generation is critical as the State's adoption of electric vehicles grows.

Hawaii is on a trajectory to retire coal fired generation. The Hawaiian Electric Companies' current Power Supply Improvement Plan (PSIP) was filed with the Public Utilities Commission (Commission) on December 23, 2016 in Docket No. 2014-0183. The Commission accepted the PSIP, with conditions, on July 14, 2017 by Decision and Order No. 34696. In the PSIP, the Hawaiian Electric Companies state their intention to allow the existing power purchase agreement for electricity generated from coal on Oahu to "expire without renewal" when it ends in 2022. The Hawaiian Electric Companies have subsequently issued an RFP in response to Order No. 36474 issued on August 15, 2019 in Docket No. 2017-0352 to acquire dispatchable and renewable generation.

The HSEO defers to the Public Utilities Commission on the extent to which the outcome of the RFP impacts the ability to retire the coal plant.

Thank you for the opportunity to testify on this bill.

² https://health.hawaii.gov/cab/files/2019/12/2016-Inventory_Final-Report_December2019-1.pdf



HOUSE COMMITTEE ON CONSUMER PROTECTION & COMMERCE

February 6, 2020, 2:00 P.M.

Room 329

(Testimony is 2 pages long)

TESTIMONY IN SUPPORT OF HB 2657 HD1

Aloha Chair Takumi, Vice Chair Ichiyama, and members of the Committee:

Blue Planet Foundation **supports HB 2657**, committing Hawai'i to a future free of climate-changing coal burning by prohibiting the permitting of coal power plants after 2022. This measure ensures that Hawai'i stays on track to achieve a 100% clean energy future while signaling to the globe that Hawai'i is serious about its carbon pollution.

COAL IS A CLIMATE AND HEALTH DISASTER

Coal is the single largest contributor to the human-made increase of carbon dioxide in the atmosphere. Coal, which is primarily carbon, remains a major fuel in global energy systems, accounting for almost 40% of electricity generation and more than 40% of energy-related carbon dioxide emissions.¹ In Hawai'i, the coal-fired power plant on O'ahu (the only coal power plant in the state) is the second largest point source of the state's carbon dioxide emissions. **In 2018, the coal power plant released nearly 3.1 billion pounds of carbon pollution into the atmosphere.**²

According to the International Energy Agency, to have a 50% chance of staying within 2 degrees Celsius of global warming (the high end of the temperature target set by the Paris Climate Agreement), only zero carbon utilities and infrastructure should be developed going forward, and coal should be completely eliminated. The burning of coal is simply incompatible with a stable climate and continued civilization.

When coal is burned it releases a number of airborne toxins and pollutants. These include mercury, lead, sulfur dioxide, nitrogen oxides, particulates, and various other heavy metals. Although limits set by the Environmental Protection Agency (EPA) have helped prevent some of these toxic emissions, the future of these protections remains unclear under the current White House administration. Health impacts from coal emissions include asthma and breathing

¹ International Energy Agency, *Coal 2019*, <https://www.iea.org/reports/coal-2019>.

² EPA, *Emissions & Generation Resource Integrated Database (eGRID)*, <https://www.epa.gov/energy/emissions-generation-resource-integrated-database-egrid>.

difficulties, brain damage, heart problems, cancer, neurological disorders, and premature death. **Globally, coal is estimated to cause 800,000 premature deaths every year.**

THE GLOBE IS WAKING UP TO THE DANGERS OF COAL

Given the extreme dangers of coal to climate and health, other nations are taking action.

Twenty countries have pledged to phase out coal power before 2030, including Angola, Austria, Belgium, Britain, Canada, Costa Rica, Denmark, El Salvador, Fiji, Finland, France, Italy, Luxembourg, the Marshall Islands, Mexico, the Netherlands, New Zealand, Niue, Portugal, and Switzerland. In 2013, the head of the UN climate agency advised that most of the world's coal reserves should be left in the ground to avoid catastrophic global warming.



Coal ash at plant on O'ahu

COAL PLAYS NO ROLE IN HAWAII'S CLEAN ENERGY FUTURE

Carbon-intensive coal power is antithetical to Hawaii's 100% clean energy future. Burning coal is at odds with Hawaii's pledge to achieve the Paris Climate Agreement objectives and to achieve carbon neutrality by 2045. None of the current utility plans to achieve Hawaii's 100% renewable portfolio standard include coal-fired electricity. Further, the large coal-burning power

plant is slow to start and difficult to ramp its electricity production up and down, making it challenging to pair with a small and increasingly variable island electricity grid.

The current power purchase agreement between the coal power plant's owner, AES, and Hawaiian Electric is set to expire in 2022. The utility currently has no plans to extend or renew the contract. What's more, AES has committed to transitioning to low-carbon sources, pledging to reduce the carbon intensity of its power plants 70% by 2030.

Hawai'i's renewable energy transition is happening at lower costs than previously anticipated. Last year, Hawaiian Electric submitted power purchase contracts to the Public Utilities Commission for solar plus storage projects that will provide electricity at nearly half the cost of traditional fossil fuel power plants. **The two lowest cost energy projects—both providing stored solar energy at 8 cents per kilowatt-hour—are owned by coal-plant owner AES.**

OTHERS ARE FOLLOWING HAWAI'I'S LEAD ON CLEAN ENERGY

Hawai'i has emerged as a leader on clean energy policy, adopting a number of bold, first-in-the-nation targets that have helped inspire other states to take similar action. Hawai'i was the first state in the country to adopt a 100% renewable energy requirement for electricity by 2045 (Act 97 of 2015), and California adopted a similar law in 2018. Hawai'i has also pledged to achieve carbon neutrality by 2045 (Act 15 of 2018), another first in the nation.

Despite the clear threat that coal-powered electricity presents to the climate, no state has prohibited its use. **Hawai'i has the opportunity to be a national leader by setting an expiration date on coal in Hawai'i.**

We respectfully request that the Committee forward HB 2657 HD1, amended to take effect upon approval.

Thank you for the opportunity to testify.

HB-2657-HD-1

Submitted on: 2/5/2020 8:58:46 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
David Mulinix	Our Revolution Hawaii	Support	No

Comments:

On behalf of our 5,000 members and supporters of Our Revolution Hawaii we strongly supports HB2657. If we are to avoid endless Climate Chaos and save the future for our children and grandchildren we must transition off of fossil fuels, like coal, as quickly as possible.

Please pass this important legislation.

Malama Pono, Dave Mulinix, Organizer, Our Revolution Hawaii

HB-2657-HD-1

Submitted on: 2/6/2020 9:01:10 AM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Christopher Dean	Environmental Caucus of the Democratic Party of Hawaii	Support	No

Comments:

Our transition to solar energy should be swift and can be accomplished extremely quickly by making net metering mandatory. If you've studied the effects of the climate crisis, then you know burning fossil fuels has to stop in 5 years. The only way to make that happen is through net metering. Once people realize that they can not only cut their energy costs, but actually make passive income selling solar energy they make at home, our transition to a clean, safe, unlimited energy source will happen almost instantaneously. The only reason this isn't happening now is, our economic model is take from the many and give to the few, instead of distributing wealth to the masses. But you're the government and this is a democracy, so you work for the citizens, not the few, but the majority. You make the rules. You have the power to distribute the wealth, using capital market forces in an equitable way, while simultaneously saving all life on Earth, a pretty sweet deal if you ask me. Green New Deal. Pressure the PUC Net metering now.

HB-2657-HD-1

Submitted on: 2/5/2020 3:08:16 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Aisha Heredia	Individual	Support	No

Comments:

Aloha Chair Takumi, Vice Chair Ichiyama, and Members of the Committee,

I stand in strong support of HB2657. We should put our investments where our priorities lay, and if we intend to go green by 2045, time is now to dis-invest in coal and oil.

Recent U.S. Census Data shows that the life expectancy of NÄ• nÄ• kuli residents is **10 years less** than the Hawai'i average. If AES continues to operate beyond 2023, could we see more devastating rates in our NÄ• nÄ• kuli resident's health? We must ensure that this cannot happen.

Mahalo,
Aisha Heredia

HB-2657-HD-1

Submitted on: 2/5/2020 3:30:21 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Hunter Heavilin	Individual	Support	No

Comments:

HB-2657-HD-1

Submitted on: 2/5/2020 3:34:55 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Megan Lamson Leatherman	Individual	Support	No

Comments:

I am in full support of proposed HB 2657 that would ensure Hawai'i is coal-free by 2023 and help reduce our collective green-house gas emissions. If the state of Hawai'i is truly committed to achieving carbon neutrality by 2045 as proposed with the 2016 Hawai'i Sustainability Initiative, then it must take small steps in that direction NOW to pave the way to a better future.

In addition, the burning of coal produces toxins that are released into the air that we all breathe, including heavy metals like mercury, cadmium, and arsenic. As someone who has been treated for heavy-metal poisoning, this is personal. Becoming coal-free and relying instead on greener electricity options like solar and wind-power (away from critical bird / bat habitats) is something that is critical for both human health and the survival of our native ecosystems.

As a marine biologist that works along the coast and spends countless hours underwater every month surveying marine resources, I have seen first-hand the direct impact that climate change has had on coral reefs over the past 15 years. We scientists know that it is vital for us to reduce our carbon emissions NOW (and into the future) if we want the next generation of keiki to see healthy, thriving coral reefs here and elsewhere around the world.

Please protect Hawai'i and our planet Earth and support HB 2657, and other such initiatives will get us on a track towards becoming carbon neutral as soon as possible.

Many thanks for your time and consideration.

Me ka mahalo,

Megan Lamson Leatherman, M.S.

Honalo, HI

HB-2657-HD-1

Submitted on: 2/5/2020 3:52:39 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Jessica dos Santos	Individual	Support	No

Comments:

Aloha Chair and Vice Chair,

I strongly support this bill. Please get coal out of Hawai'i. Create the situation where innovation must occur to produce more clean and renewable energy for our state.

Please note that as we innovate towards more clean energy, we must also ensure environmental justice. My support of this bill does not mean that I think we should develop wind energy irresponsibly in this state and we should not harm communities and the environment (including native / endangered species) in the transitioning process.

Mahalo for your consideration.

HB-2657-HD-1

Submitted on: 2/5/2020 4:04:20 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Lois Crozer	Individual	Support	No

Comments:

This is a no brainer considering how climate change is impacting our islands.

HB-2657-HD-1

Submitted on: 2/5/2020 4:35:19 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Ken Stover	Individual	Support	No

Comments:

HB-2657-HD-1

Submitted on: 2/5/2020 4:47:56 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Daniel Grantham	Individual	Support	No

Comments:

The last coal plant in Hawai'i, located in Kapolei on O'ahu, has a contract with the Hawaiian Electric Company that terminates in 2022. We want to pass [House Bill 2657](#) to ensure that this contract is not renewed, and that coal, the dirtiest source of fossil fuels, is eliminated in Hawai'i once and for all.

HB-2657-HD-1

Submitted on: 2/5/2020 4:53:51 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Severine Busquet	Individual	Support	Yes

Comments:

Aloha,

Climate change is today's main challenge for humanity to survive. Bill 2657 is an important step to stop burning coal that leads to important pollution. I therefore strongly support this bill.

Thanks for your attention.

Severine

Hawaii Kai, Honolulu

HB-2657-HD-1

Submitted on: 2/5/2020 5:18:22 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
L. Osterer	Individual	Support	No

Comments:

Coal is our dirtiest form of fuel. It's responsible for 1/3 of carbon emissions in the U.S. and costs millions in resulting health care. Coal ash is also highly toxic and further dangerously polluting our landfills. We Know AES is capable of large scale renewable energy production. They are mandated to reduce emissions by 16% and should not be allowed to use other reductions as an excuse to increase coal emissions. Rather, coal power needs to be reduced and discontinued after the expiration of their agreement in 2022.

Not only does coal burning unnecessarily release significant toxins, the greenhouse effect is disproportionately high and accelerating global warming. Hawaii is already experiencing algae blooms with warmer ocean temperatures and flooding with changing weather patterns. We need controls now to prevent any further damage.

Tourism depends on our environment. Protect the environment and you preserve the industry. Solar and wind power will be more cost effective in the short term and the long term.

Thank you for your consideration in support of HB2657.

L. Osterer, Kauai resident and registered voter

HB-2657-HD-1

Submitted on: 2/5/2020 5:45:55 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Tom Wallace	Individual	Support	No

Comments:

Did you know that England is outlawing all new gas (even hybrid) cars in 2035? Banning coal is a pretty humble step and needed!

HB-2657-HD-1

Submitted on: 2/5/2020 5:27:40 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Caleb Merendino	Individual	Support	No

Comments:

HB-2657-HD-1

Submitted on: 2/5/2020 6:15:27 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
cheryl	Individual	Support	No

Comments:

Coal free by 2023

HB-2657-HD-1

Submitted on: 2/5/2020 6:31:04 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Carla Allison	Individual	Support	No

Comments:

I strongly support HB2657 and urge you to ensure that the contract between the last coal plant in Hawai'i and Hawaiian Electric Company is not renewed. Coal, the dirtiest source of fossil fuels, needs to be eliminated in Hawai'i once and for all.

HB-2657-HD-1

Submitted on: 2/5/2020 7:16:07 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Joanna Maile Pokipala	Individual	Support	No

Comments:

I support HB2657

HB-2657-HD-1

Submitted on: 2/5/2020 7:33:25 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Douglas Perrine	Individual	Support	No

Comments:

Burning coal emits mercury and other deadly contaminants into our breathing air, in addition to greenhouse gases that threaten our island state with climate change and sea level rise. Furthermore the mining of coal is environmentally destructive and extremely dangerous to the workers. With abundant sunshine, wind, and flowing water in Hawaii, we can meet all our energy needs with clean energy instead of the dirtiest energy source there is.

HB-2657-HD-1

Submitted on: 2/5/2020 8:39:52 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
John Nix	Individual	Support	No

Comments:

Aloha All,

We need to move forward and quickly away from fossil fuels and toward renewable energy.

Mahalo,

Dr. John and Debra, Kihei

HB-2657-HD-1

Submitted on: 2/5/2020 9:00:49 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Kiana Otsuka	Individual	Support	No

Comments:

Aloha,

Thank you for your consideration of the phase-out of coal power in Hawai'i by 2023. I support HB2657 because a coal free Hawai'i is important to our clean energy future and for the health and well-being of Hawai'i residents.

As we face the threat of climate change and its catastrophic effects on our society, economy, and

natural resources, we must ensure a rapid and complete transformation to a clean and renewable

energy future.

The power purchase agreement between AES Hawai'i Power Plant (Hawai'i's last coal-powered

plant) and Hawaiian Electric Company is set to expire in 2022. We need to let that agreement

naturally come to an end in 2022 as originally intended and completely transition off coal by

2023.

Hawai'i has set an ambitious goal of being powered by 100% renewable energy by 2045. AES

can help make a meaningful contribution to this critical goal by phasing out their coal-burning,

and working with the state to transition to clean energy projects that don't harm communities or

contribute to the climate chaos we are experiencing.

Thank you again for your consideration of the phase-out of coal power in Hawai'i. I hope that

you will support HB2657.

Mahalo,

Kiana Otsuka

HB-2657-HD-1

Submitted on: 2/5/2020 7:53:05 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Lory Ono	Individual	Support	No

Comments:

We need to stop relying on dirty energy like coal and focus on clean, renewable energy from now on. Please pass this bill.

HB-2657-HD-1

Submitted on: 2/5/2020 9:05:02 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Momi Ventura	Individual	Support	No

Comments:

HB-2657-HD-1

Submitted on: 2/5/2020 10:55:05 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

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

Comments:

HB-2657-HD-1

Submitted on: 2/6/2020 3:51:28 AM

Testimony for CPC on 2/6/2020 2:00:00 PM

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

Comments:

Hello,

My name is Nanea Lo. I am a lifelong resident of Hawai'i on O'ahu. I am writing in to say I strongly support this bill. It makes Hawai'i "Coal Free by 2023" by ensuring the AES coal plant in West O'ahu does not renew its contract with HECO to continue the transition to 100% renewable energy by 2045. We need to take steps to ensure a sustainable and coal free Hawai'i.

me ke aloha 'Ä• ina,

Nanea Lo

HB-2657-HD-1

Submitted on: 2/5/2020 11:07:52 PM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Dylan Ramos	Individual	Support	No

Comments:

Aloha Chair Takumi, Vice Chair Ichiyama, and respected Members of the Committee,

I write today in strong support of HB2657 HD1 making Hawai'i "Coal Free by 2023."

Coal is the dirtiest form of energy. It's highly toxic and creates a lot of greenhouse gas emissions.

This is a matter of environmental justice. The Waianae Coast community is directly impacted every day by the use of toxic coal ash at the PVT Landfill. Public health needs to be a priority and no single community should suffer the burden of our energy or waste management facilities.

The climate crisis is already impacting our island. We must radically change and transition to clean and renewable energy sources.

Passage of this bill ensures that the AES Hawaii and HECO coal contract will not be extended past 2022. AES and HECO are more than capable of large-scale clean energy production, something already being planned and coming online in anticipation of the closure of Hawai'i's last coal plant.

It's time for a coal-free Hawai'i and I appreciate your vote in support of this bill.

Mahalo,

Dylan Ramos

Kaimuki, HD 19

HB-2657-HD-1

Submitted on: 2/6/2020 6:11:51 AM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Brooke	Individual	Support	No

Comments:

Chair Roy M. Takumi, Vice Chair Linda Ichiyama, and Members of the Committee on Consumer Protection and Commerce,

I write in strong support of HB 2657 HD1, Relating to a Coal-Free Hawaii.

This measure would make Hawaii coal-free by 2023 by ensuring the AES coal plant in West Oahu does not renew its contract with HECO to continue to transition to 100% renewable energy by 2045. Hawaii is doing a good job transitioning our grid away from fossil fuels, and we need this legislation to continue to move in the direction that supports our 2045 goal.

As many people, I am concerned for our future - for my future. I worry about what the planet will be like when I'm fifty or sixty: How many natural disasters will we face each year? Of what magnitude? Will we have enough resources - clean water, food, clean air - to support everyone? We know that we cannot avert climate change, but we can take action now that may lessen its intensity. We need this legislation.

Thank you for your time.

Sincerely,

Brooke Jones

HB-2657-HD-1

Submitted on: 2/6/2020 7:22:25 AM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
nancy harter	Individual	Support	No

Comments:

Please do what you can to make Hawaii coal free and stop the toxicity related to coal in Hawaii

HB-2657-HD-1

Submitted on: 2/6/2020 8:57:33 AM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Cheryl Reeser	Individual	Support	No

Comments:

Please support HB2657. Hawaii needs to move away from its reliance on coal. Mahalo.

LATE

HB-2657-HD-1

Submitted on: 2/6/2020 10:19:04 AM

Testimony for CPC on 2/6/2020 2:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Shannon Rudolph	Individual	Support	No

Comments:

Support

HB-2657-HD-1

Submitted on: 2/6/2020 11:06:59 AM

Testimony for CPC on 2/6/2020 2:00:00 PM

LATE

Submitted By	Organization	Testifier Position	Present at Hearing
Laura Gray	Individual	Support	No

Comments:

Aloha!

This message is for the Committee Clerk of Vice-Chair Ichiyama. I was present at today's hearing and gave oral testimony. I was asked to submit written testimony via this email. Thanks in advance

My name is Tenaiya Brookfield and I'm writing in strong support of HB2657. I've read through numerous pages of testimony and wanted to share information that I hadn't seen mentioned in other's comments. Just a few months ago, in September 2019, I attended a public hearing where the Department of Health was considering to allow AES to go over its permitted threshold for emissions after their request for an increase. It was reasoned that because all other utilities were lower on their emissions, AES should be allowed to go over limits set by the state, if as a group they still were under. This shows AES is increasing production, not decreasing as the deadline gets closer.

Although it seems everyone, including HECO have voiced intentions to end coal in Hawaii, a firm deadline is needed to send a clear message that this is not just a goal or an intent but a requirement.

Mahalo nui,
Tenaiya Brookfield
808-796-9008

Aloha!

This message is for the Committee Clerk of Vice-Chair Ichiyama. I was present at today's hearing and gave oral testimony. I was asked to submit written testimony via this email. Thanks in advance

My name is Tenaiya Brookfield and I'm writing in strong support of HB2657. I've read through numerous pages of testimony and wanted to share information that I hadn't seen mentioned in other's comments. Just a few months ago, in September 2019, I attended a public hearing where the Department of Health was considering to allow AES to go over its permitted threshold for emissions after their request for an increase. It was reasoned that because all other utilities were lower on their emissions, AES should be allowed to go over limits set by the state, if as a group they still were under. This shows AES is increasing production, not decreasing as the deadline gets closer.

Although it seems everyone, including HECO have voiced intentions to end coal in Hawaii, a firm deadline is needed to send a clear message that this is not just a goal or an intent but a requirement.

Mahalo nui,
Tenaiya Brookfield
808-796-9008