



CITY COUNCIL

CITY AND COUNTY OF HONOLULU
HONOLULU, HAWAII 96813-3077

COMMITTEE ON HOUSING, SUSTAINABILITY AND HEALTH

Voting Members:

Matt Weyer, Chair
Esther Kia'aina, Vice-Chair
Tyler Dos Santos-Tam
Val A. Okimoto
Augie Tulba

AGENDA

REGULAR MEETING
CITY COUNCIL CHAMBER
WEDNESDAY, MAY 24, 2023
2:30 P.M.

PUBLIC PARTICIPATION AND TESTIMONY

Pursuant to Section 92-3.7, Hawai'i Revised Statutes, this meeting will be conducted as a remote meeting by interactive conference technology, with the following procedures in effect for the meeting:

VIEWING THE MEETING

The meeting will be viewable: (1) by internet live streaming through <https://www.honolulucitycouncil.org/meetings>; (2) by televised live broadcast on 'Olelo TV Channel 54; and (3) on the monitor situated outside the Council Chamber. Viewers who experience a loss of viewing signal should try switching to another viewing option.

After the meeting, the meeting will be viewable on demand at <https://www.honolulucitycouncil.org/meetings>. Copies of older meeting videos may be requested by calling the City Clerk's Office at (808) 768-5822, charges may apply.

Some Councilmembers and presenters may be participating in the meeting by interactive conference technology from remote locations.

ORAL TESTIMONY

Oral testimony will be permitted on all items on the agenda. Each speaker may not have anyone else read their statement and is limited to a one-minute presentation.

Remote Testimony

1. For direct access to submit oral testimony call: +1-253-215-8782, enter ID: **85243222984** and Passcode: **493916**
2. To testify by videoconference visit: <https://hnlldoc.ehawaii.gov/hnlldoc/testimony>. Videoconference access information will be provided upon registration. Testifiers are encouraged to register/submit testimony at least 24 hours prior to the meeting.

Committee on Housing, Sustainability and Health Agenda
Wednesday, May 24, 2023

In-Person Testimony in the Council Chamber

Persons wishing to testify are requested to register by 2:30 p.m. by filling out the registration form in person outside the Council Chamber. Persons who have not registered will be given an opportunity to speak following the oral testimonies of the registered speakers.

Oral testimony will be allowed when each item is taken up in the following order:

- 1. In-person testimony in the Council Chamber;**
- 2. Remote testimony.**

WRITTEN TESTIMONY

Written testimony may be uploaded at <https://hnlidoc.ehawaii.gov/hnlidoc/testimony>, or mailed to Office of the City Clerk, Attention: Information Section, 530 South King Street, Room 100, Honolulu, HI 96813. If submitted, written testimonies, including the testifier's address, e-mail address, and phone number, will be available to the public at <https://hnlidoc.ehawaii.gov>.

Should you have any questions, please call (808) 768-3119 or send an email to irene.limos@honolulu.gov.

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MATERIALS AVAILABLE FOR INSPECTION

Meeting materials ("*board packet*" under HRS Section 92-7.5) are accessible at <https://hnlidoc.ehawaii.gov/hnlidoc/browse/agendas> by clicking on the appropriate Committee meeting.

If you need auxiliary aid/service or other accommodation due to a disability or an interpreter for a language other than English, please call the Office of the City Clerk Information Section at (808) 768-5822 between 7:45 a.m. and 4:30 p.m. or send an email to irene.limos@honolulu.gov as soon as possible or at least three (3) business days before the scheduled meeting. Requests made as early as possible have a greater likelihood of being fulfilled.

FOR ACTION

1. **RESOLUTION 23-95 – ACCEPTANCE OF GIFT (CCSR)**. Accepting a gift valued at \$3,823.05, from Re-Earth Initiative for the Office of Climate Change, Sustainability and Resiliency’s Climate Change Adaptation Specialist to attend the 2023 United Nations Framework Convention on Climate Change Subsidiary Body Meetings and Youth Forum in Bonn, Germany, from May 30, 2023 to June 15, 2023. (Transmitted by Communication MM-94)

2. **RESOLUTION 23-70 – RED HILL BULK FUEL STORAGE FACILITY**. Urging the U.S. Navy and Department of Defense to immediately implement weekly testing of Navy Red Hill monitoring wells and the Red Hill Shaft for per- and polyfluoroalkyl substances ("PFAS") and release the information requested by the Honolulu Board of Water Supply in its letter to the U.S. Secretary of Defense dated January 10, 2023.

PROPOSED CD1 TO RESOLUTION 23-70 (Submitted by Councilmember Cordero) –
The CD1 (OCS2023-0372/4/27/2023 11:03 AM) makes the following amendments:

- A. Amends Exhibit A to include all nine pages of the letter from the Manager and Chief Engineer.
 - B. Makes miscellaneous technical and nonsubstantive amendments.
3. **BILL 28 (2023) – RELATING TO NALOXONE**. Promoting public health, safety, and welfare by enhancing access to naloxone hydrochloride (“naloxone”). (Bill passed first reading 4/19/23)

4. **BILL 4 (2023) – RELATING TO THE ADOPTION OF THE STATE ENERGY CONSERVATION CODE.** Updating the Building Energy Conservation Code of the City and County of Honolulu through the adoption of the Hawaii State Energy Conservation Code. (Bill passed first reading on 2/22/23; Committee postponed action on 4/5/23)

CD1 TO BILL 4 (2023) (Approved by the Committee on Housing, Sustainability and Health on March 1, 2023) – The CD1 (OCS2023-0130/2/22/2023 1:39 PM) makes the following amendments:

A. In SECTION 3:

1. Changes "amending" language to "adding" language in the following provisions where language is being added to the State Energy Conservation Code in the place of deletions made by that Code:
 - C103.1
 - C103.2
 - C104.1
 - C105.2
 - C105.2.6
 - C105.6
 - C105.7
 - C108.1
 - C109.1
 - R103.1
 - R103.2.
2. Renumbers the exceptions in R403.5.3.
3. Separates the definitions of SOLAR REFLECTANCE in (13)(j) and SOLAR REFLECTANCE INDEX (13)(k).
4. Deletes duplicative language in the proposed amendment to C402.1.1(a).

B. Makes miscellaneous technical and nonsubstantive amendments.

PROPOSED CD1 TO BILL 4 (2023) (Submitted by Councilmember Weyer) –
The CD1 (OCS2023-0443/5/18/2023 2:52 PM) makes the following amendments:

- A. Amends the bill title and SECTIONS 1 and 3 of the bill to reference the correct name of the State code ("Hawai'i State Energy Code" ("SEC") rather than the "Hawaii State Energy Conservation Code").
- B. In paragraphs (4), (5), (6), (7), (8), (9), (10), (11), (12), (29), and (30), which pertain to Sections C103.1, C103.2, C104.1, C105.2, C105.2.6, C105.6, C105.7, C108.1, C109.1, R103.1, and R103.2, respectively, changes "amending" language to "adding" language as language is being added to the SEC in the place of deletions made by the SEC.
- C. In paragraph (13), which amends Section C202:
 - (1) Adds a definition of LIGHT REFLECTANCE VALUE to read:

LIGHT REFLECTANCE VALUE means the amount of visible light that reflects from a surface expressed as a percentage, where zero means a surface absorbs all light and 100 means a surface reflects all light.
 - (2) Amends the definition of ELECTRIC VEHICLE READY SPACE (EV READY SPACE).
 - (3) Deletes the definition of SOLAR READY and reletters subsequent subsections accordingly.
 - (4) Separates the definitions of SOLAR REFLECTANCE and SOLAR REFLECTANCE INDEX.
- D. In paragraph (15), which amends Section C402.1.1, deletes duplicative language in the proposed amendment in paragraph (a).

- E. In paragraph (16), which amends Section C402.2.2:
 - (1) Replaces the term "solar reflectance" with "light reflectance value" in Exception 1.
 - (2) Replaces the language "where a natural masonry surface is used" with "and have an unpainted finish with or without a clear sealer" in Exception 3.

- F. In paragraph (22), which amends Section C405.2, adds an Exception 5 to read:

Corridors, passageways, lobbies, and other circulation spaces within multi-family buildings that are required to remain lighted for egress purposes.

- G. In paragraph (26), which adds Section C409:
 - (1) Adds the language "newly-constructed" to instances of the use of the terms residential multi-unit buildings and commercial buildings.
 - (2) Adds language to state that building developers may aggregate compliance points across multiple projects and phases, subject to certain conditions.

- H. In paragraph (27), which adds Appendix CB, adds language to state that the Stretch Code – Commercial is a voluntary code.

- I. In paragraph (30), which adds Section R103.2:
 - (1) Amends the list of information required to be on construction documents to create two subgroups, one for all residential construction and a second for all residential construction, except single-family residential construction less than 4,000 square feet.
 - (2) Reorders subsections to provide that electric vehicle ready infrastructure and solar ready infrastructure are information required for all residential construction and reletters subsections accordingly.

- J. In paragraph (31), which amends Section R202:
- (1) Adds a definition of LIGHT REFLECTANCE VALUE to read:

LIGHT REFLECTANCE VALUE means the amount of visible light that reflects from a surface expressed as a percentage, where zero means a surface absorbs all light and 100 means a surface reflects all light.
 - (2) Adds a definition of SOLAR READY ZONE to read:

SOLAR-READY ZONE means a section or sections of the roof or building overhang designated and reserved for the future installation of a solar photovoltaic system.
- K. In paragraph (35), which adds Section R401.3, provides that single-family homes greater than 4,000 square feet (instead of less than 2,000 square feet of conditioned space) must comply with Section R401.3.1 and single-family homes greater than 4,000 square feet that have 2,000 square feet or more of conditioned space (instead of 2,000 square feet or more of conditioned space) must comply with Section R401.3.1 and R401.3.2.
- L. In paragraph (36), which adds subsection R401.3.1:
- (1) Adds the following language to the end of the first sentence of subsection R401.3.1: "except where a requirement is preempted by a variance approved pursuant to HRS § 196-6.5."
 - (2) Amends subsection (a) to read:

Where used, installed electric water heaters, air conditioners over 2.5 tons (30,000 Btu), electric pool and spa pumps, and electric pool and spa heaters shall be smart appliances capable of responding to grid signals.
 - (3) Deletes subsection (b) and reletters subsequent subsections accordingly.
 - (4) Amends Table 401.3.1.4 ("ROOF SOLAR REFLECTANCE INDEX") by amending the Initial SRI for a steep-sloped roof from 39 to 28, and the 3-year aged SRI from 32 to 25.

- M. In paragraph (37), which adds subsection R401.3.2, adds the following language to the end of the first sentence of subsection R401.3.2: "except where a requirement is preempted by a variance approved pursuant to HRS § 196-6.5."
- N. In paragraph (40), which amends Section R402.2.5:
- (1) Amends Exception 1 by replacing "reflectance" with "light reflectance value."
 - (2) Amends Exception 3 by replacing "where a natural masonry surface is used" with "and have an unpainted finish with or without a clear sealer."
- O. Adds a new paragraph (43), which amends Section R403.5.1.2, to read:
- R403.5.1.2 Heat trace systems.** Electric heat trace systems may comply with IEEE 515.1 or UL 515. Controls for such systems shall automatically adjust the energy input to the heat tracing to maintain the desired water temperature in the piping in accordance with the times when heated water is used in the occupancy.
- Renumbers subsequent paragraphs accordingly.
- P. In renumbered paragraph (44), which amends Section R403.5.3, provides an exception to hot water pipe insulation requirements for piping in multi-unit dwellings serving only one dwelling unit.
- Q. Adds a new paragraph (45), which amends Section R403.6, to read:
- R403.6 Mechanical ventilation (Mandatory).** The building shall be provided with ventilation that complies with the requirements of the Housing Code, as specified in Chapter 16A, as applicable, or with other approved means of ventilation. Outdoor air intakes and exhausts shall have automatic or gravity dampers that close when the ventilation system is not operating.

- R. In renumbered paragraph (48), which adds an entire Section R408 with numerous subsections:
- (1) Replaces "Solar conduit and electrical panel readiness" with "Solar-Ready Zone" in the title to Section R408.1 and deletes the language following the title in Section R408.1.
 - (2) Adds new subsections R408.1.1, R408.1.2, R408.1.3, R408.1.4, R408.1.5, R408.1.6, R408.1.7, R408.1.8, R408.1.9, and R408.1.10.
 - (3) Amends Section R408.2 to delete references to construction plans and attached garages; allow for a dedicated receptacle or junction box for an electric vehicle (instead of just a dedicated receptacle); and clarify minimum charging requirements.
- S. Makes miscellaneous technical and nonsubstantive amendments.

INFORMATIONAL BRIEFING

5. **UPDATE BY VICTOR MORELAND ON SAND ISLAND WASTEWATER TREATMENT PLANT SECONDARY TREATMENT STUDY.**

6. **UPDATE BY THE DEPARTMENT OF ENVIRONMENTAL SERVICES ON SAND ISLAND WASTEWATER TREATMENT PLANT SECONDARY TREATMENT STUDY.**

MATT WEYER, Chair
Committee on Housing, Sustainability
and Health