

DAVID Y. IGE
GOVERNOR

JOSH GREEN
LT. GOVERNOR



Curt T. Otaguro
Comptroller

AUDREY HIDANO
Deputy Comptroller

STATE OF HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
STATE BUILDING CODE COUNCIL

P.O. BOX 119, HONOLULU, HAWAII 96810-0119

State Building Code Council (SBCC) Meeting
Tuesday, April 16, 2019
9:00 a.m.

Department of Accounting and General Services
Comptroller's Conference Room 410
Kalanimoku Building
1151 Punchbowl Street
Honolulu, Hawaii 96813

West Hawaii Civic Center
Building "E", First Floor
74-5044 Ane Keohokalole Highway
Kailua-Kona, Hawaii 96740

Telephone Call-In – 1-240-454-0879 Access Code: 93910315

Minutes

Members Present:

Howard Wiig	SBCC Chair Hawaii State Energy Office
Willard Nishigata	SBCC Member County of Honolulu
Richard Meyers	SBCC Member American Institute of Architects (AIA)
Lloyd Rogers	SBCC Member State Fire Council Administrative Specialist
Gregg Serikaku	SBCC Member Subcontractors Association of Hawaii

Lyle Carden	SBCC Member Structural Engineers Association of Hawaii (SEAOH)
Neal Tanaka	SBCC Member Hawaii County Department of Public Works
Dennis Mendoza	SBCC Member Department of Labor and Industrial Relations Elevator Division (DLIR)

Members Not Present:

Douglas Haigh	SBCC Member County of Kauai
Glen Ueno	SBCC Member County of Maui
Tyler Dillon	SBCC Vice Chair General Contractors Association (GCA) of Hawaii

Other Attendees

Kraig Stevenson	International Code Council (ICC)
Frank Rogers	Cool Roof Store
Julius Dacanay	Compliance Officer Boiler and Elevator Division DLIR
Stella Kam	Deputy Attorney General
Ryan Kobayashi	Laborers Local 368
John Friedel	Department of Planning and Permitting City and County of Honolulu
Sehun Nakama	Hawaii Energy
Kika Bukoski	Plumbers and Fitters Local 675

1. Call to Order

The meeting was called to order at 9:04 a.m.

2. Introductions and Public Comments

Kraig Stevenson inquired on the status of the proclamation for Building Safety Month for May 2019. Member Rogers will follow up. Mr. Stevenson also requested to be on next month's agenda to present significant changes from the 2015 to 2018 editions of the International Existing Building Code.

Hawaii County is getting a lot of resistance to adopting the International Energy Conservation Code 2015 edition and the National Electrical Code 2017 edition. They approached the Mayor to get it on the County Council's agenda.

Chair stated that a bill for national disaster recovery funds in the amount of one billion dollars passed the House and Senate, which amounts to approximately \$45-50 million for Hawaii. Adopting codes to promote building resilience, photovoltaic, energy efficiency systems, migrating from internal combustion engine to electric vehicle transportation systems, and infrastructure for electric vehicle charging stations are key elements. Current transportation methods are the largest users of petroleum-based fuels.

Frank Rogers presented information on tiny houses that can measure ten feet by 12 feet, include two windows, one door, that are easily constructed, with a basic kit cost on \$12,850. The cost for Oahu is \$8,000. They are currently only legal for storage, have brackets for cement block anchoring, with walls secured using three quarter-inch through bolts. They can be used as emergency shelters, can be insulated, and have fire and wind ratings. They are awaiting building department approvals. Mr. Stevenson stated that the ICC is developing what are being called off-site structures and have solicited listings through evaluation services. They plan to meet the U.S. Department of Housing and Urban Development guidelines and have a minimum size.

Greg Gaug from the Ulupono Initiative described the organization's efforts to improve Hawaii sustainability through energy-ready policies because the transportation sector is the highest consumer of fossil fuels and the highest producer of carbon emissions.

3. Review and approval of minutes of the March 19, 2019 meeting.

Motion: Member Carden motioned to approve the March 19, 2019, meeting minutes. The motion was seconded by Member Rogers and unanimously approved.

4. Discussion of Administrative Coordination

Chair stated the State training requirements to solicit contract bids for the reimbursable Federal Emergency Management is proceeding and is working with the DAGS administrative staff.

5. Discussion of Adoption of the International Plumbing Code (IPC) as an Alternate Code

Member Rogers recommended that specific IPC provisions and their justification be presented for SBCC consideration as amendments to the Uniform Plumbing Code (UPC). The statute clearly states that the State Plumbing Code shall be based on the UPC. Ryan Kobayashi stated that keeping the cost of construction down is a major factor in having a favorable market. Member Tanaka stated the no subcommittee meeting to review using the IPC as an alternative state plumbing code to the UPC has been scheduled.

6. Discussion of 2019 Proposed Legislation

There were no updates.

7. Updates from the investigative committees:

a. Investigative committee for the structural provisions for the IBC and the IRC

Member Carden was officially appointed as an SBCC member effective December 20, 2018. He stated that the committee has completed its amendments to the IBC 2018 edition and has begun its review of the IRC 2018 edition, primarily reviewing the wind provisions. They will also review the International Existing Building Code.

b. Investigative committee for the non-structural provisions of the IBC and the IRC

Member Meyer stated that the committee met with building and fire officials from the City and County of Honolulu to discuss possible concerns to specific provisions of the IBC 2018 edition. Another meeting is being planned. Eventually the structural and non-structural amendments will be merged into one document. The review and amendments to the IRC 2018 edition is being done by a group headed by Jim Reinhardt.

c. Investigative committee for the International Energy Conservation Code (IECC)

Chair informed that the committee will begin its review of the IECC 2018 edition and is expecting to complete its work in August 2019. The significant changes will be presented at the next SBCC meeting. Checklists for designers

and plans examiners are available on the Department of Business, Economic Development and Tourism website.

d. Investigative committee for the Uniform Plumbing Code

There was no update.

e. Investigative committee for the Green Code

John Friedel stated that Honolulu plans to add green code provisions as amendments to IBC.

f. Investigative committee for the Mechanical Code

There was no update.

g. Investigative committee for the State Fire Code

The committee will be meeting next week to finalize amendments to the National Fire Protection Association Fire Code 2018 edition.

h. Investigative committee for the energy efficiency code coordination

Sehun Nakama informed that the committee will meet on May 28, 2019, and the agenda is pending.

i. Investigative committee for the State Elevator Code

The American National Standards Institute develops the standard for the Safety Code for Elevators and Escalators, which is the ASME A17.1-2016. Julius Dacanay stated that he is working with county plumbing and fire code officials on boiler and pressure vessels. Some requirements fall under the state and some under the counties. The American Society of Mechanical Engineers (ASME) developed the Boiler and Pressure Vessel Code (BPVC) that regulates the design and construction of boilers and pressure vessels greater than 120 gallons for hot water above 200,000 BTU's. His division is merging Occupational Safety and Health Administration requirements with the BPVC. Members decided to form an investigative committee for the BPVC that will include installation and maintenance requirements for Liquefied Petroleum Gas.

j. Investigative committee for the International Existing Building Code and the Swimming Pool Code

The committee met on March 22, and April 4, 2019, and is reviewing the 2018 Uniform Swimming Pool, Spa, and Hot Tub Code.

8. Update on communication and training

Member Tanaka stated the registration forms for the 2019 Hawaii County of Building Officials (HACBO) Conference have been distributed as was done for previous conferences. Breakout classes on May 29 will review changes in the various codes.

9. Update on county and state adoption of building codes

Member Tanaka stated the Hawaii County is working on amendments along with the 2017 National Electrical Code. John Friedel stated Honolulu County completed the draft and it is routed to the Mayor's Office, then the full City Council. Maui County will pass the 2015 IECC into law soon.

10. Discussion of possible agenda item(s) for next Council meeting

Please inform the Chair or Member Rogers of any additional agenda items.

10. Announcements

There were no announcements

11. Next meeting

The next meeting is scheduled for May 21, 2019, at 9:00 a.m.

12. Adjournment

Motion: Chair Wiig adjourned the meeting at 11:03 a.m.