

**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, June 18, 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**

Howard Wiig	SBCC Chair Hawaii State Energy Office
Tyler Dillon	SBCC Vice Chair General Contractors Association (GCA) of Hawaii
Willard Nishigata	SBCC Member City and County of Honolulu Department of Planning and Permitting
Glen Ueno	SBCC Member County of Maui
Richard Meyers	SBCC Member American Institute of Architects (AIA)

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Lloyd Rogers

SBCC Member  
State Fire Council (SFC)

Gregg Serikaku

SBCC Member  
Subcontractors Association of Hawaii

Lyle Carden

SBCC Member  
Structural Engineers Association of Hawaii  
(SEAOH)

Dennis Mendoza

SBCC Member  
Department of Labor and Industrial Relations  
Elevator Division (DLIR)

Neal Tanaka (phone in)

SBCC Member  
Hawaii County Department of Public Works

Douglas Haigh

SBCC Member  
County of Kauai

Other Attendees

Stella Kam

Deputy Attorney General

Mark Kennedy

Building Industry Association of Hawaii  
Haseko Project Manager

Kraig Stevenson (phone in)

International Code Council (ICC)

Lee Clifton

ICC

Ryan Kobayashi

Laborers Local 368

Sehun Nakama

Hawaii State Energy Office

Kika Bukoski

Plumbers and Fitters Local 675

Chris Cunningham

City and County of Honolulu  
Climate Change, Sustainability and Resiliency

Gail Suzuki-Jones

Hawaii State Energy Office

Dwight Perkins (phone in)

International Association of Plumbing and  
Mechanical Officials (IAPMO)

Hugo Aguilar (phone in)

IAPMO

Joy Kimura	Laborers and Employers Cooperation and Education Trust Fund (LECET)
Miles Ushio	State Department of Accounting and General Services (DAGS) Technical Services Office
Shannon Alivado	Hawaiian Electric Company Manager, Government Relations
Larry Kanda	Hawaii Emergency Management Agency

1. Call to Order 9:05
2. Introductions and Public Comments

Chair Wiig described an inquiry he received from a Nanakuli teacher seeking advice to properly route a clothes dryer lint exhaust vent to the exterior of her classroom. Committee members recommended contacting the State Department of Health for an appropriate solution.

A second inquiry Chair Wiig received was from an employee at the Corrections Division of the State Department of Public Safety regarding multiple perceived building code violations at their facilities. Committee members recommended contacting the DAGS for an appropriate solution.

3. Review and approval of the minutes of the May 21, 2019 meeting.

**Motion:** Member Rogers motioned to approve the May 21, 2019, meeting minutes. The motion was seconded by member Dillon and unanimously approved.

4. Discussion of Administrative Coordination

Status of the Federal Emergency Management Agency (FEMA) Grant Procurement

Chair Wiig explained the purpose of this FEMA Grant was to strengthen existing wind mapping of hurricane vulnerable areas. According to Hawaii State procurement rules, a minimum of 3 bids were required to move forward with the project. One of the 3 bids received was from a Canadian company who is ineligible to bid on Hawaii State government projects. There is now inadequate time left to solicit another round of bids because the project would need to be completed by July 2019 to meet the Grant deadline of November 2019. Larry Kanda from Hawaii Emergency Management Agency summarized the history of

the FEMA grant. He attributed the inability to meet the grant deadline to procurement issues. He believes the SBCC, together with DAGS can reapply for the grant in the near future to refine the wind maps of all the Hawaiian Islands. He stated that adopting updated building codes are crucial to future hazard mitigation efforts. The members discussed the scope of the work for the wind maps to include more detailed site information and online availability for use by engineers. They also discussed revising the procurement statute expedite the process.

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

Member Nishigata stated that in a meeting of the Subcommittee of Building Officials (SBO), they voted unanimously to disapprove the adoption of the IPC 2018 edition together with the Uniform Plumbing Code (UPC). Member Dillon suggested the formation of an investigative committee to specifically review the IPC and report its conclusions to the SBCC. Member Rogers stated there should be specific provisions from the IPC which amend the UPC, if the SBCC will adopt UPC. Member Haigh stated the International Residential Code (IRC) 2018 edition, which includes using the IPC, will be adopted by default in August 2019. Chair Wiig decided to table further discussion on this item until July.

6. Updates from the Investigative Committees:

a. Investigative committee for the Structural Provisions for the IBC and the IRC

Member Carden stated he completed the draft of the structural provisions of the IBC and modified them into code language. He suggested a deadline of August 2019 to incorporate the structural provisions with the non-structural provisions for the SBO to review.

b. Investigative committee for the Non-Structural Provisions of the IBC and the IRC.

Member Myers stated the review of Non-Structural Provisions is eighty percent complete. A meeting the Honolulu building officials is being planned.

Shannon Alivado from Hawaiian Electric Company asked if a matrix which documents various code adoption timelines was available and many meeting attendees agreed that document would be helpful to maintain progress on code adoption cycles. Member Carden stated he has that document and will email it to the attendees.

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

Chair Wiig distributed documents related to significant changes to the 2018 IECC and high efficacy commercial lighting.

Joy Kimura from the Hawaii Laborers' Employers Cooperation Education Trust (LECET) described insulation benefits of Mass Wall in relation to the IECC. Chair Wiig asked if the County Building officials have considered the subject and Member Haigh replied that they need a proposal to consider it.

d. Investigative committee for the Uniform Plumbing Code

Kika Bukoski from the Plumbers and Fitter Union Local 675 requested clarification on the voting results from the morning meeting of the SBO. The SBO members summarized that Member Serikaku's proposal was not approved, but the vote was not unanimous. This means that the proposal can be revised and approved at a future SBO meeting, however, Member Dillon's proposal will not move any further.

e. Investigative committee for the Green Code

No update for the Green Code was provided.

f. Investigative committee for the Mechanical Code

No update for the Mechanical Code was provided.

g. Investigative committee for the State Fire Code

Member Rogers stated that the investigative committee reviewed the draft amendments to the National Fire Protection Association's (NFPA) 1 Fire Code 2018 edition. It will be discussed at the State Fire Council's fourth quarter meeting on June 25, 2019, for potential approval as the next State Fire Code and will follow the administrative rule process for adoption if approved by the SBCC.

h. Investigative committee for the Energy Efficiency Code Coordination

Sehun Nakama from Hawaii State Energy stated the next meeting for investigative committee will be in August 2019.

i. Investigative committee for the State Elevator Code

Member Mendoza stated he is collaborating with fire department personnel on provisions to the State Elevator Code.

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

Member Myers read a summary from the investigative committee, which recommends adoption of the International Swimming Pool and Spa Code (ISPSC) 2018 edition by the SBCC. Member Haigh asked if barriers and fencing are addressed in the ISPSC and Member Myers replied that they are addressed.

Member Carden stated the committee will meet to discuss the International Existing Building Code (IEBC) 2018 edition on August 1, 2019, and will likely recommend adoption of the IEBC without amendments, but continue to work on amendments.

k. Investigative committee for Boiler and Pressure Vessels

No update for Boiler and Pressure Vessels was provided.

7. Update on communication and training

Chair Wiig stated there will be training sessions regarding energy efficiency conducted by Erik Kolderup in August 2019, for all counties.

8. Update on county and state adoption of building codes

Member Haigh stated the UPC 2015 edition is scheduled to be heard before the Kauai County Council but it may be deferred. Member Tanaka stated the IECC 2015 edition and the National Electrical Code (NEC) 2014 edition were adopted by default and Hawaii County is currently updating their Administrative Code. Member Ueno stated that Maui County is working on adopting the NEC 2017 edition. Member Carden stated the Honolulu City Council will conduct hearings on adoption of the IBC 2012 edition on August 2019.

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

There was no discussion of possible agenda items for the next SBCC meeting.

10. Announcements

There were no announcements.

11. Next meeting: July 16, 2019, at 9:00 a.m.

12. Adjournment

**Motion:** Member Haigh motioned to adjourn the meeting and member Dillon seconded the motion. Meeting adjourned at 11:07 a.m.