

**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, August 20, 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 (DPP)
Glen Ueno	SBCC Member County of Maui
Richard Meyers	SBCC Member American Institute of Architects (AIA)

Lloyd Rogers	SBCC Member State Fire Council (SFC)
Lyle Carden	SBCC Member Structural Engineers Association of Hawaii (SEAOH)
Neal Tanaka (phone in)	SBCC Member Hawaii County Department of Public Works
Douglas Haigh	SBCC Member County of Kauai
Dennis Mendoza	SBCC Member Department of Labor and Industrial Relations Elevator Division (DLIR)
Audrey Hidano	SBCC Member Department of Accounting and General Services

Members Not Present:

Gregg Serikaku	SBCC Member Subcontractors Association of Hawaii
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Other Attendees

Stella Kam	Deputy Attorney General (DAG)
Mark Kennedy	Building Industry Association of Hawaii Haseko Project Manager
Kraig Stevenson (phone in)	International Code Council (ICC)
Bill Brizee	Architects Hawaii Limited (AHL) Design
Ryan Kobayashi	Laborers Local 368
Sehun Nakama	Hawaii State Energy Office
Kika Bukoski	Plumbers and Fitters Local 675
John Friedel	City and County of Honolulu

DPP

Gail Suzuki-Jones	Hawaii State Energy Office
Tim Caires	Honolulu Fire Department (HFD)
Travis Yara	Hawaii Electricians Training Fund
Robert Aquino	Hawaii Electricians Training Fund
Carol Tyau-Beam	Department of Land and Natural Resources (DLNR)
Edwin Matsuda	DLNR
Heather Livingston	Facility Guidelines Institute (FGI)
Mitch Allen	Hawaii Society of Healthcare Engineering (HiSHE)
Shawn Moseley	AIA Trinity
Rebecca Quinn	Federal Emergency Management Agency (FEMA) Building Science Branch
John Ingargiola	FEMA Building Science Branch
Michael Hornick	FEMA Region IX
Catherine Kenjo	Architects Hawaii Ltd (AHL)
Joy Kimura	Hawaii Laborers and Employers Cooperation and Education Trust Fund (LECET)
Shannon Alivado	Hawaiian Electric Company (HECO)
Brent Tokita	US Green Building Council (USGBC)
Melissa Martin (phone in)	Stateside

1. Call to Order Chair called the meeting to order at 9:03 am
2. Introductions and Public Comments

- a. Mr. Allen and Ms. Livingston requested the SBCC form an investigative subcommittee to determine feasibility of implementing facility guidelines for healthcare facilities in Hawaii as a component of the State Building Code. Member Haigh questioned whether such a decision was within the SBCC's authority. DAG Kam replied that decision is not within the SBCC's authority stated in §107-25. Mr. Allen, Ms. Livingston, and other meeting attendees discussed various reasons for healthcare facilities to follow FGI guidelines. The SBCC agreed to establish an investigative committee to investigate the Healthcare Facility Guidelines for the sole purpose of determining whether the SBCC should prepare an opinion letter addressed to the Hawaii Department of Health indicating the SBCC's support/recommendation to DOH regarding the adoption of the Healthcare Facility Guidelines for use as guidelines related to the design and construction of healthcare facilities within the State. Member Dillon volunteered to lead the investigative subcommittee and recommended Member Serikaku for the investigative subcommittee. Additional meeting attendees (representing AIA, AHL and the healthcare design community) including Mr. Allen and Ms. Livingston volunteered to participate.
  - b. Mr. Stevenson and member Tanaka discussed the potential ICC standard on off-site construction and manufactured housing solutions for affordable housing. They also explained that Hawaii does not have a large manufactured housing sector.
  - c. Mr. Ingargiola reviewed relationships between building codes and new federal laws and policies regarding FEMA's risk reduction program. Mr. Ingargiola and SBCC members discussed the various FEMA disaster recovery grants and related application processes.
3. Review and approval of the minutes of the July 16, 2019 meeting.

**Motion:** Member Haigh motioned to approve the July 16, 2019, meeting minutes. The motion was seconded by member Carden and unanimously approved.

**Motion:** Member Rogers motioned to attach a letter drafted by Kika Bukoski to the July 16, 2019, meeting minutes. The motion was seconded by member Tanaka. Member Haigh abstained. The motion was approved. Member Rogers stated acceptance of the letter did not indicate endorsement of its contents by the SBCC.

4. Discussion of the following items:
- a. FEMA's State Assessment of State Development in a Special Flood Hazard Area

Ms. Tyau-Beam presented information on National Floodplain Management Regulations and participation by the State in the National Flood Insurance Program (NFIP). She distributed copies of correspondence from FEMA to Governor Ige regarding the NFIP to SBCC meeting attendees.

b. Flood Provisions in the Building Codes

Ms. Quinn presented information on FEMA's flood provisions in the 2015 International Codes.

c. Additional Members to Participate on the Investigative Committee for the Uniform Plumbing Code

Member Dillion stated one additional member is desired for the Investigative Committee. Ms. Kimura suggested Ryan Kobayashi as an additional member for consideration.

5. Discussion of Administrative Coordination

Status of the Federal Emergency Management Agency Grant Procurement

Chair Wiig stated the effort to secure grant funding to update wind maps was unsuccessful. Member Carden stated DAGS personnel have sufficient expertise to update basic wind maps.

6. Updates from the Investigative Committees:

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

Member Carden stated there were no updates since the last SBCC meeting.

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

Member Myers stated there were no updates. Members discussed the impending default statewide adoption of the 2018 IBC and IRC on September 1, 2019 and corresponding deadlines for compliance by the State and Counties.

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

Chair Wiig reviewed the statewide default adoption date of September 1, 2019 for the 2018 IECC. Mr. Friedel stated adoption by Honolulu County of the

latest State Energy Conservation Code is encountering challenges at City Council.

d. Investigative committee for the Uniform Plumbing Code

Member Dillion stated the committee met to review potential amendments to the UPC.

e. Investigative committee for the Green Code

Mr. Tokita stated there are no substantial changes in the latest edition of the International Green Construction Code.

f. Investigative committee for the Mechanical Code

There was no update provided.

g. Investigative committee for the State Fire Code

The State Fire Council approved the proposed National Fire Protection Association (NFPA) 1 Fire Code 2018 edition amendment package on July 18, 2019. This code still has to navigate through the administrative rules process before being adopted. In a meeting prior to this SBCC one, the Subcommittee of Building Officials requested additional time to review the NFPA 1 Fire Code 2018 edition amendment package. The amendments, along with links to the full NFPA 1 Fire Code text will be made available on the SBCC website for interested stakeholders to review.

h. Investigative committee for the Energy Efficiency Code Coordination

Mr. Nakama stated the committee met to discuss the zero energy appendix for the 2021 IECC. He also stated Hawaii Energy will conduct training on the code in the near future.

i. Investigative committee for the State Elevator Code

Member Mendoza stated work with the fire department on the code is progressing.

j. Investigative committee for the Swimming Pool Code

Member Myers stated the committee's review of the Swimming Pool Code was complete and amendments in collaboration with the State Department of Health are forthcoming.

k. Investigative committee for the International Existing Building Code (IEBC)

Member Carden stated the investigative committee met and discussed the IEBC's potential impact to historical structures. There will be four meetings of the investigative committee and amendments by the committee are forthcoming.

l. Investigative committee for Boiler and Pressure Vessels

There was no update provided.

7. Update on communication and training

Chair Wiig explained there was statewide training on the 2015 IECC conducted for 300 stakeholders and other professionals. There will be additional training in November based on feedback from the courses held in August.

8. Update on county and state adoption of building codes

The Kauai County Council approved the 2012 UPC with county amendments. Honolulu City and County is working on adopting the 2015 IBC/IRC. Maui and Kauai counties completed adoption of the 2018 IBC/IRC.

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

Contact the Chair or member Rogers for any possible agenda items.

10. Announcements

There were no announcements.

11. Next meeting

The next meeting will be held on September 17, 2019, at 9:00 a.m.

12. Adjournment

**Motion:** Member Haigh motioned to adjourn the meeting. The motion was seconded by member Dillion and unanimously approved.

Chair adjourned the meeting at 11:35 a.m.