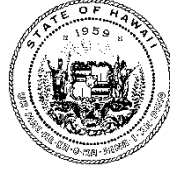


DAVID Y. IGE
GOVERNOR

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, January 15, 2019
9:00 a.m.

Department of Accounting and General Services (DAGS)
Public Works Division Conference Room 426
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

Present:

Howard Wiig	SBCC Chair Hawaii State Energy Office
Willard Nishigata	SBCC Vice Chair County of Honolulu
Douglas Haigh	SBCC Member County of Kauai
Glen Ueno	SBCC Member County of Maui
Neal Tanaka	SBCC Member Hawaii County Department of Public Works

Jim Reinhardt	SBCC Member American Institute of Architects (AIA)
Lloyd Rogers	SBCC Member State Fire Council Administrative Specialist
Gregg Serikaku	SBCC Member Subcontractors Association of Hawaii
Tyler Dillon	SBCC Member General Contractors Association (GCA) of Hawaii
Lyle Carden	Structural Engineers Association of Hawaii (SEAOH)
Mark Kennedy	Building Industry Association of Hawaii (BIA)
Chris Lee	Hawaii State House of Representatives
Nick Lee	Tesla
Sandie Wong	Tesla

Not Present:

Gaur Johnson	SBCC Member SEAOH
Bert Yorita	SBCC Member Department of Labor and Industrial Relations Elevator Division

1. Call to Order

SBCC Chair called the meeting to order at 9:05 a.m.

2. Introductions and Public Comments

Chair Wiig described the webinar regarding electric vehicle (EV) charging infrastructure integration from the National Association of State Energy Officials (NASEO) as an example of increasing societal acceptance of EVs.

Member Rogers stated that he was asked by former SBCC member, Gary Chock about including the roster of attendees as part of the minutes. Member Rogers

contacted the Office of Information Practices who explained that board members need to be listed as present or not as part of the minutes. Any attendee who presents, requests or provides information, should also be listed. The minutes shall also identify members making motions and the voting record on motions if the votes are not unanimous.

3. Review and approval of minutes of the December 18, 2018 meeting.

John Friedel of the Honolulu Department of Planning and Permitting submitted a correction to his comments in section 7c of the December 18, 2018 minutes. Mr. Friedel explained that the investigative committee will meet with Honolulu County stakeholders this month to discuss and resolve issues related to potential adoption of the International Energy Conservation Code in advance of the Honolulu City Council meeting in February. He also stated the IECC is at the Honolulu Corporation Counsel for review. Gary Lum will amend the December 18, 2018 meeting minutes to reflect the corrections as stated.

Motion: Member Haigh motioned to approve the December 18, 2018, meeting minutes as amended. The motion was seconded by Member Dillion and unanimously approved.

4. Discussion of Administrative Coordination

Chair Wiig stated that requesting State funds on an annual basis has produced no success in obtaining the funds. In regard to the lapse of funds on June 30, 2019, DAGS may have the ability to promptly hire an executive director to coordinate code adoption and expend the funds prior to lapse. Member Reinhardt suggested formation of an investigative committee to define the duties and responsibilities for the executive director. Members Serikaku, Dillion, and Rogers volunteered for the investigative committee with Rogers as the committee chair.

5. Discussion of 2019 Proposed Legislation

State House representative Chris Lee described major components of his legislative proposals for 2019, which include:

- a. Increasing the amount of required parking spaces for EVs, which should facilitate raising EV adoption in Hawaii
- b. Criminal justice reform
- c. Increased focus on renewable energy, water preservation, and environmental protection

6. Discussion and Possible Approval of the Revised SBCC Code Adoption Process

Chair Wiig commented in favor of the Revised SBCC Code Adoption Process which Member Rogers distributed. The last revision eliminated the Small Business Impact hearing and statement.

7. Updates from the investigative committees:

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

Lyle Carden of the SEA OH distributed materials describing solutions for mudsill anchor corrosion and water-cementitious ratios in structural concrete which are unique to Hawaii. Lyle stated he will add comments from SEA OH members and update the 2018 edition of the IBC. Member Reinhardt recommended inclusion of the modified water-cementitious ratios in the 2012 Code Amendments due to Hawaii's high salt and high humidity environment.

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

Member Reinhardt stated he received an email message from Bill Breezee that his review of the 2018 IRC amendments is nearing completion.

Member Tanaka discussed Appendix Q that is related to tiny houses in the 2018 IRC. Other members discussed various factors affecting compliance of tiny houses with existing codes and standards.

Mark Kennedy of the BIA commented on challenges related to evolving sizes of electrical conduits in new construction to provide sufficient capacity for growing residential power needs.

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

Chair moved this item up in the order of the agenda to accommodate the presence of Nick Lee and Sandie Wong from Tesla.

Nick Lee from Tesla explained the current code requirements regarding EV charging infrastructure in multi-unit residential structures are inadequate to support the desired trajectory of EV adoption. According to Mr. Lee, Tesla recommends higher levels of EV-charging readiness in new construction and major renovations to resolve the inadequacy.

Member Ueno stated the proposed bill to adopt the 2015 IECC was transmitted to the Director of Public Works last week and should be transmitted to the Maui County Council soon after.

Mr. Friedel stated the 2015 IECC will be submitted to the Honolulu City Council for adoption.

- d. Investigative committee for the Uniform Plumbing Code (UPC).
 - i. Member Serikaku distributed copies of 2018 UPC amendments to members for discussion. Members participated in a lengthy discussion on the merits of specifying the IPC as an alternate code reference.
 - ii. Member Dillon stated the IPC should be explicitly defined as an allowable code under UPC 301.2 to provide clarity to building owners and developers. The IPC provides potential cost savings over UPC provisions by permitting modern technical methods, eliminating obsolete installation requirements and providing greater system design flexibility – all things that will help in the creation of more affordable housing. The IPC is used in 35 other states and is the primary plumbing code used on Federal projects in Hawaii.
 - iii. Members Serikaku and Roger stated current codes allow for alternate methods and materials subject to approval by the authority having jurisdiction, so explicitly defining the IPC as the alternate code is not necessary.

- e. Investigative committee for the Green Code

No update on the Green Code was provided.

- f. Investigative committee for the Mechanical Code

No update on the mechanical code was provided.

- g. Investigative committee for the State Fire Code

No update on the State Fire Code was provided.

- h. Investigative committee for the energy efficiency code coordination.

Sehun Nakama from Hawaii Energy stated the investigative committee will meet at 9:00 am on February 7, 2019, to discuss legislation lead by the Blue Planet Foundation.

- i. Investigative committee for the State Elevator Code

No update on the elevator code was provided.

- 8. Update on communication and training

Chair Wiig stated that there will be a final statewide training on the 2015 IECC.

9. Update on county and state adoption of building codes

Chair Wiig stated Kauai adopted the 2015 IECC on November 30, 2018, Maui may adopt in January and Honolulu may adopt in February.

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

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

11. Announcements

There were no announcements.

12. Next meeting: February 19, 2019, at 9:00 a.m.

13. Adjournment

Motion: Member Haigh motioned and Member Dillion seconded to adjourn the meeting at 11:30 a.m. The motion was unanimously approved.