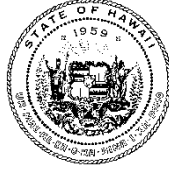


DAVID Y. IGE
GOVERNOR



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Comptroller

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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 16, 2018
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

1. Call to Order Chair called the meeting to order at 9:05 a.m.
2. Introductions and Public Comments
 - a. Chair informed that at the last meeting there were problems with the phone-in number and no business requiring decision making was conducted.
 - b. Member Wiig commented that in order for the State to achieve a 100% clean energy goal there is a need for alternative energy storage.
 - c. Ms. Leslie Cole-Brooks, executive director of Distributed Energy Resources Council, commented that she supports renewable energy growth in Hawaii's commercial systems and supports the adoption of the National Electrical Code, ,2017 edition, Section 706. This will help with the design of energy systems and have up-to-date code requirements related to safety.

- d. Maui County is planning to adopt the NEC 2017 edition and County of Kauai would allow Section 706 with an approval as an alternative material and method. Written documentation of the approval would be needed.
 - e. Members discussed the issue of Attorney General (AG) opinions, the attorney/client privilege; and how the SBCC can disclose those opinions to the public. Deputy AG stated that the SBCC would need an executive session, which is a meeting closed to the public, to discuss the opinion and vote to disclose or not disclose the opinion. The executive session would need to be on the agenda, including its purpose. Session minutes would need to be recorded, and may be disclosed when requested. A vote may be taken to release the executive session minutes. Executive session will be placed on the next agenda to discuss the recent opinion to have an amendment to the Uniform Plumbing Code (UPC) to allow the International Plumbing Code to be used instead of UPC. Executive session will be added to the next meeting's agenda and the requirements Hawaii Revised Statutes 92-4 shall be followed. A copy of the opinion will be distributed to the members by the Chair prior to the next meeting.
 - f. Kraig Stevenson stated that the Washington State Department of Education will sponsor a forum on the reliability, incident response, and decommissioning of energy storage systems. He will send information to member Rogers.
 - g. Tien Peng, of National Ready Mixed Concrete Association, submitted a proposal to amend Section 510.4 Parking beneath Group R of the International Building Code (IBC) 2012 edition. The proposal would measure the number of stories of a building from the lowest grade of fire service access instead of the floor above such a parking area. The reason is the number of stories used in determining the minimum type of construction for buildings, including pedestal or podium construction should be measured from the grade plane to meet the intent of the National Fire Protection Association's (NFPA) sprinkler system designed per 903.3.1.2 for R occupancies. Mr. Peng's written proposal will be added to the meeting minutes. The SBCC should also consider any economic impact of the amendment.
3. Review and approval of minutes of the October 17, 2017, and December 19, 2017

Motion: Member Wiig motioned to approve the October 17, 2017, and the December 19, 2017 meeting minutes. The motion was unanimously approved.

4. Scheduling of Future Adoption of Codes Listed in HRS 107-25

- a. Chair stated that the Structural Engineers Association of Hawaii will be reviewing the IBC, the International Residential Code (IRC) and the International Existing Building Code, 2018 editions.
 - b. Chief Bratakos will prepare a presentation on the amendments and significant changes to the NFPA 1 Fire Code, 2015 edition, possibly at the March meeting.
 - c. Chair stated that the Federal Emergency Management Agency grant will not be used for the adoption IBC/IRC 2012 editions. The reason is the grant was to be used for the administrative rule adoption expenses, but the SBCC is not required to and will not be adopting these codes as administrative rules. He also provided two handouts. One on the latest amendments to the IBC 2012 edition and the second that amends the IRC 2012 edition to be consistent with the IBC 2012 edition.
 - d. Chair stated that he emailed a video presentation on excerpting International Code section language from their website to facilitate writing state and local revisions.
5. Discussion of Future Administrative Support.

Chair discussed with the new DAGS Administrator having direct access to the SBCC website.

6. Discussion of 2018 Legislation

Chair stated there are no plans to submit SBCC related legislation.

7. Discussion and Possible Decision to the Public Proposal to Amend the Proposed Amendment to the Uniform Plumbing Code 2012 Edition

The proposal will be discussed with possible decision making at the next meeting following the executive session.

8. Discussion and Possible Approval to the State Residential Code Draft (International Residential Code (IRC) 2012 edition as amended)

- a. The SBCC reviewed the updated amendments to IRC.

Motion: Member Haigh motioned to approve the State Residential Code Draft with the building officials recommended changes. The motion was unanimously approved. Members Cheng and Rogers were not present.

- b. The SBCC discussed including amendment justifications and any future public comments at a later date.

Motion: Member Haigh motioned to approve including amendment justifications and any future public comments at a later date. The motion was unanimously approved. Members Cheng and Rogers were not present.

9. Discussion and Possible Approval to the State Building Code Draft (International Building Code (IBC) 2012 edition)

The SBCC reviewed the updated amendments to IBC.

Motion: Member Haigh motioned to approve the updated State Building Code Draft. The motion was unanimously approved as version 0.6. Members Cheng, Rogers and Mendoza were not present.

The SBCC discussed construction observation by the designer of record or other professional.

The SBCC discussed the residential sprinkler impacts to residential occupancies and potential amendments or provisions to mitigate the lessening of safety from eliminating national code requirements.

10. Discussion and Possible Approval of the State Electrical Code:

Motion: Member Haigh motioned to approve the State Electrical Code. The motion was unanimously approved as version 0.5. Members Cheng and Mendoza were not present.

11. Updates from the investigative committees:

- a. Investigative committee for the structural provisions for the IBC and the IRC: Gaur said committee is determining meeting times to review the 2018 editions. See also item #8 and #9 above.
- b. Investigative committee for the non-structural provisions of the IBC and the IRC. Mr. Bill Brizee, of the American Institute of Architects Hawaii Chapter stated that the committee has met twice to review the IBC/IRC 2018 editions and will continue regular meetings.
- c. Investigative committee for the International Energy Conservation Code (IECC)

Member Wiig reported that the State Energy Office has received some recent negative press. Also, IECC 2018 edition has residential air conditioning requirements, but there is no compliance oversight.

- d. Investigative committee for the Uniform Plumbing Code

Member Serikaku reported that the committee is reviewing the changes in the UPC 2018 edition since the currently adopted 2006 edition.

- e. Investigative committee for the Green Code: No update.
- f. Investigative committee for the Mechanical Code: No update.
- g. Investigative committee for the State Fire Code:

Chief Bratakos will make presentation on the NFPA 1 Fire Code 2015 edition in March 2018. The committee will begin its review of the 2018 edition soon after the adoption of 2015 edition. The 2015 edition and amendments are currently under review by the Legislative Reference Bureau and the Deputy Attorney General.

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

Mr. Sehun Nakama of Hawaii Energy stated that the appliance efficiency ratings for California are about 300 pages long.

- i. Investigative committee on communication and training:

Training for IECC 2015 edition will begin on April 23, 2018 in each county. This committee will be discontinued and updates will be provided as an agenda item.

- j. Investigative committee for SBCC membership with the International Code Council:

This committee will be discontinued and updates will be provided as an agenda item.

- 12. Update on county and state adoption of building codes:

Kauai County Administration has started the adoption process for the IECC 2015 edition. County fire code for Honolulu is being reviewed for adoption

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

The SBCC will add an executive session to discuss the disclosure of the AG opinion on the amendment to include the use of the IPC instead of the UPC.

- a. Following that discussion the members will discuss with possible decision making to the amendment proposal in item #7 above.
- b. The SBCC will research the term memberships of the General Contractors Association of Hawaii and the Building Industry Association of Hawaii.

14. Announcements:

15. Next meeting: February 20, 2018, at 9:00 a.m.

16. Adjournment:

Motion: Member Haigh motioned to adjourn the meeting at 11:40 a.m. The motion was unanimously approved.



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State of Hawaii
State Building Code Council
Department of Accounting and General Services
Office of the Comptroller
Kalanimoku Building
1151 Punchbowl Street
Honolulu, HI 96813

RE: Proposed Amendment to HI 2012 IBC Adoption

Dear Dr Gaur,

My name is Tien Peng, and I represent the National Ready Mixed Concrete Association (NRMCA). Thank you for the opportunity to submit this proposal to the Hawaii State Building Code Council. NRMCA is an industry association founded in 1930, and today represents an industry with more than 2,250 companies that employ more than 125,000 American workers who manufacture and deliver ready mixed concrete. The Association represents both national and local companies that operate in both congressional districts in the State of Hawaii.

Because of the relaxation in fire safety in provisions where sprinklers are present, the most egregious trade-off is one which will allow to increase in heights of a building limiting fire access and putting people in danger. NRMCA would like to propose a fire safety amendment in the 2012 code.

- a. **510.4 Parking beneath Group R.** "...the number of stories to be used in determining the minimum type of construction shall be measured from the ~~floor above such a parking area~~ lowest grade of fire service access.

Reason statement: The number of stories used in determining the minimum type of construction for buildings, including "pedestal" or "podium" construction should be measured from the grade plane to meet the intent of the NFPA sprinkler system designed per 903.3.1.2 for R Occupancies.

Thank you and the members of the committee for your consideration.

Sincerely,
Tien Peng

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Tien Peng, Assoc AIA, LEED AP+, PMP
VP, Sustainability
National Ready Mixed Concrete Association
206-913-8535
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