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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, February 20, 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 9:02 a.m.

Tien Peng, Sandy Wong lobbyist for Tech, 9:02 am, Jai Ho, Mike, Okamoto,

2. Introductions and Public

Sandy Wong, representing Tesla, Inc. a company specializing in electric automotives, energy storage, and solar panel manufacturing, presented information on House Bill 2728, that the SBCC consider increased infrastructure requirements to allow more charging stations in buildings for electric vehicles. This will help promote the purchase and use of electric vehicles and facilitate the State's goal of sustainable energy usage and reduced fossil fuel dependence. Parking stations into new buildings April 1, 2019. She would like to assist in formulating any administrative rules. Chair responded that the SBCC is not required to adopt administrative rules. He requested the investigative committee for energy efficiency make recommendations to SBCC and provide any proposed

code amendments. Member Haigh stated that Kauai County included parking charging stations as referenced in the International Energy Conservation Code 2015 edition. He added that building codes do not regulated parking lots, and the planning section regulates parking garages in buildings.

3. Review and approval of minutes of the January 16, 2018 meeting.

Motion: Member Wiig motioned to approve the January 16, 2018 meeting minutes. The motion was unanimously approved.

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

No update. This item will be removed from future agendas.

5. Discussion of Future Administrative Support. Change to Admin. Coordination

Chair informed that he is still working with DAGS's Administrative Officer on the reimbursable Federal Emergency Management Agency grant with Hawaii Emergency Management Agency that provided \$60,000 from general funds for the 2018 fiscal year (FY) if \$60,000 was available from private funds.year in the FY 2019. Working with Admin Services Officer.

6. Discussion of 2018 Legislation

SBCC reviewed HB 2467, which would require the Legislative Reference Bureau to study the factors that contribute to the cost of construction in Hawaii. HB 982 and SB 988 from last session which exempts new agricultural buildings from county permits. SB 3006 would allow state projects to be designed using an alternative code that is most cost effective, subject to certain conditions and requires SBCC approval. It would be very difficult to do a study to say another code is more cost effective, including long term costs vs. short term. The SBCC authorized the Chair to submit testimony comments to bills relating to building codes.

7. Updates from the Investigative Committees

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

- 1) Tien Peng representing the National Ready Mix Concrete Association, discussed their amendment proposal to the IBC 2012 edition, to change the parking beneath Group R occupancies to the lowest grade of fire service access, instead of being measured from the floor above such a parking area. The chair provided additional comments for the SBCC. This amendment

proposal will be placed on next month's agenda for discussion and possible decision making.

- 2) SBCC is awaiting justifications from the American Institute of Architects Hawaii Chapter. Chair received justifications for selected amendments from member Rogers. Chair requested member Rogers to provide the state fire code amendment stating if there is a conflict between the building code and the fire code for new construction, the building code prevails. The U.S. Departments of Justice and Housing and Urban Development has jurisdiction for the Americans with Disabilities Act
 - 3) The SBCC discussed alternatives and justifications to the installation of residential sprinkler systems in new one- and two-family dwellings for the proposed State Residential Code, including code language for should be installed instead of shall, citing an exemption to Section R313.2 of the IRC 2012 edition, that a residential sprinkler system shall not be required for additions or alterations to existing buildings that are not already provided with sprinklers, and being in compliance with current state law that no county can require residential sprinklers. The SBCC will add fire sprinkler amendment to discuss and possible decision making provide alternatives and justifications for not requiring residential sprinklers in new one- and two-family dwellings.
- b. Investigative committee for the non-structural provisions of the IBC and the IRC.

The IBC and IRC 2018 editions are starting to be reviewed and discussions are beginning on whether or not to require sprinklers. Part of that decision should include a definition of one- and two- family dwellings.

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

Member Wiig informed that the IECC 2018 edition was published in August 2017. The committee will review any recommended amendment proposals. A trade publishing company provided some good press for the SBCC's adoption of the IECC 2015 edition.

- d. Investigative committee for the Uniform Plumbing Code

No update.

- e. Investigative committee for the Green Code

No update.

f. Investigative committee for the Mechanical Code

Kevin Luoma of WSP USA, provided a handout that would assist the SBCC in evaluating whether or not to adopt the International Mechanical Code (IMC). It contained a listing of references in the IBC to the IMC several installation provisions. Member Haigh stated that the State Department of Health (DOH) regulates commercial air conditioning systems (A/C), but there is no A/C regulation for residential one- and two-family dwellings at the county level. Commissioning or certifying that an installation meets design requirements is also important. The provided information will be forwarded to the DOH for comments.

g. Investigative committee for the State Fire Code

Member Rogers stated that the proposed State Fire Code, which will be the National Fire Protection Association (NFPA) 1 Fire Code 2015 edition, as amended, is being reviewed by the State Attorney General. Comments were received from the Legislative Reference Bureau relating to administrative rule format and content. The staff of the investigative committee has started its review of the NFPA 1 Fire Code 2018 edition.

h. Investigative committee for the energy efficiency code coordination

No update. A committee meeting is scheduled this week.

i. Investigative committee for the State Electrical Code

The permitting process using Chapter 706 of the National Electrical Code 2017 edition relating to battery storage requirements.

8. Update on communication and training

Chair gave presentation to the Board of Directors of the cement and concrete products industry of Hawaii. They wanted to know more about the process of code adoption and the status of code amendments.

9. Update on county and state adoption of building codes

No update.

10. Executive Session pursuant to HRS 92-5(4) – to consult with the Council’s deputy attorney general on issues regarding the Council’s powers, duties, privileges, immunities, and liabilities (disclosure of Attorney General opinions)

- a. Chapter 107, Hawaii Revised Statutes, and the Adoption of the State Building Codes

Members discussed the opinion on the SBCC’s authorization to adopt administrative rules.

Motion: Member Haigh motioned to allow the public disclosure of the opinion. The motion was unanimously approved. The opinion will be posted on the SBCC website.

- b. House Bill 637, H.D.2, S.D.2, C.D.1, Relating to the State Building Codes

Members discussed the opinion regarding the retroactive application of House Bill 637, 2017 Legislative Session.

Motion: Member Haigh motioned to allow the public disclosure of the opinion. The motion was unanimously approved. The opinion will be posted on the SBCC website.

- c. Proposed Section 301.2, Hawaii State Plumbing Code

Members discussed the opinion to allow an amendment to use the International Plumbing Code as an alternative to the UPC.

Motion: Member Rogers motioned to allow the public disclosure of the opinion. The motion was unanimously approved. The opinion will be posted on the SBCC.

Motion: Chair motioned to allow the public disclosure of the opinion. The motion was unanimously approved.

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

The SBCC agreed to place this item on next month’s agenda.

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

Please contact the Chair or Member Rogers with possible agenda items.

13. Announcements – No announcements.

14. Next meeting: March 20, 2018, at 9:00 a.m.

15. Adjournment 11:46 a.m.