

PREFACE

IGCC Public Version 1.0 Development

Public Version 1.0 (PV 1.0) of the *International Green Construction Code* (IGCC) was prepared in 2010 by the Sustainable Building Technology Committee (SBTC) created by the ICC Board of Directors, with the American Institute of Architects and ASTM International as Cooperating Sponsors. The SBTC is a broad based committee (see page v of IGCC PV 1.0 for a list of members) representing a balance of interests consistent with the ICC Governmental Consensus process and revised OMB Circular A-119 which establishes policies on Federal use and development of voluntary consensus codes and standards. The SBTC was composed of 28 individuals from public, private and nonprofit sectors with an expertise in disciplines critical to the topics in the *International Green Construction Code*. The SBTC was supported by several work groups composed of additional experts, along with a staff Secretariat and four staff experts. The intent was to develop a comprehensive set of regulations for green building systems consistent with, and coordinated with, the I-Codes.

Technical content was developed from an initial staff resource document, which utilized approaches from the California Green Building Standards Code along with leading edge information from numerous other sources, as well as staff expertise. The SBTC and its work groups sought to refine initial conceptual positions articulated by the drafting participants into language that would be consistent with I-Code language and provide a basis for measuring green building performance. Consistent with the development of other I-Codes, the participants developed the IGCC PV 1.0 with the intent to establish provisions consistent with the intent of the I-Codes to adequately protect public health, safety and welfare; provisions that do not unnecessarily increase construction costs; provisions that do not restrict the use of new materials, products or methods of construction; and provisions that do not give preferential treatment to particular types or classes of materials, products or methods of construction.

Public Comment Submittals

In order to solicit the views of interested parties, the IGCC PV 1.0 was posted for public comment on March 15, 2010. The format for public comments was provided with PV 1.0 which noted that either general comments or text changes could be submitted, but that text changes were preferred in order for the IGCC Public Comment Hearing Committee to fully understand the implications of the comment. The public comment deadline was May 14, 2010.

The public comments published herein have been submitted in accordance with the established procedures. The publication of these comments constitutes neither endorsement nor questioning of them but is in accordance with procedures so that any interested individuals may make their views known to the IGCC Public Comment Hearing Committee. The public comments incorporated in this document are reproduced in the same form in which they were received and have been organized in section number order with a tentative hearing order to facilitate the hearing process.

This compilation of comments is available only in electronic form as posted on the ICC website.

Public Comment Hearing

The public comments published herein will be considered by the IGCC Public Comment Hearing Committee at a public hearing as follows:

August 14 – 22, 2010
The Westin O'Hare
6100 River Road
Rosemont, IL 60018

Complimentary shuttle service is provided by the Westin O'Hare to/from Chicago's O'Hare International Airport.

ON FRIDAY, AUGUST 13TH, ATTENDEES ARE ENCOURAGED TO ATTEND AN INTRODUCTORY SESSION WHICH WILL START AT 7:30 PM WHERE THE HEARING LOGISTICS AND PROCEDURES WILL BE DISCUSSED. DISCUSSION ON THE PUBLIC COMMENTS WILL NOT OCCUR DURING THIS SESSION.

See page vi for the public comment hearing procedures; page viii for the hearing schedule; and page ix for tentative hearing order which identifies the order in which the comments will be considered.

REGISTRATION

All attendees at the 2010 IGCC Public Comment Hearing are required to register. Registration is FREE. You are encouraged to register on line prior to the hearings at:

<http://www.goeshow.com/icc/IGCCHearings/ereg401561.cfm?clear>

NOTICE: If you or your companion require special accommodations to participate fully, please advise ICC of your needs.

ICC WEBSITE

While great care has been exercised in the publication of this document, there may be errata posted for the IGCC Public Comment Hearing. Errata, if any, identified prior to the hearing will be posted on the ICC website at <http://www.iccsafe.org/cs/IGCC/Pages/PublicVersionDevelopment.aspx>

Users are encouraged to periodically review the ICC Website for updates.

VIEW THE PUBLIC COMMENT HEARING ON YOUR PC

The hearing is scheduled to be “webcast”. Streaming video broadcast over the Internet will provide a gateway for all International Code Council members, the construction industry and other interested parties anywhere in the world to view and listen to the hearings. Logging on to the Internet broadcast will be as simple as going to the International Code Council web site, www.iccsafe.org, and clicking on a link. [Actual site to be determined - be sure to check the ICC web site for further details].

The hearings can be seen free of charge by anyone with Internet access. Minimum specifications for viewing the hearings are an Internet connection, sound card and Microsoft Windows Media Player. DSL, ISDN, Cable Modems or other leased-line connections are recommended for the best viewing experience. A dial-up modem connection will work, but with reduced video performance.

2011 IGCC CODE DEVELOPMENT SCHEDULE

STEP IN CODE DEVELOPMENT CYCLE	DATE
2010 PUBLIC COMMENT HEARING ON COMMENTS SUBMITTED TO IGCC PUBLIC VERSION 1.0	August 14 – 22, 2010 The Westin O'Hare Hotel Rosemont, IL
DEADLINE FOR RECEIPT OF APPLICATIONS FOR THE 2011 IGCC CODE COMMITTEE (1)	October 1, 2010
WEB POSTING OF IGCC PUBLIC VERSION 2.0	November 3, 2010
DEADLINE FOR RECEIPT OF CODE CHANGE PROPOSALS TO IGCC PUBLIC VERSION 2.0	January 3, 2011
WEB POSTING OF "PROPOSED CHANGES TO IGCC PV 2.0"	March 25, 2011
DISTRIBUTION DATE OF "PROPOSED CHANGES TO IGCC PV 2.0" (CD distribution only)	April 25, 2011
IGCC CODE DEVELOPMENT HEARING (CDH)	May 16 – 22, 2011 Sheraton Dallas Hotel Dallas, TX
WEB POSTING OF "REPORT OF THE PUBLIC HEARING"	June 27, 2011
DISTRIBUTION DATE OF "REPORT OF THE PUBLIC HEARING" (CD distribution only)	July 25, 2011
DEADLINE FOR RECEIPT OF PUBLIC COMMENTS	August 12, 2011
WEB POSTING OF PUBLIC COMMENTS "FINAL ACTION AGENDA"	September 16, 2011
DISTRIBUTION DATE OF PUBLIC COMMENTS "FINAL ACTION AGENDA" (CD distribution only)	October 14, 2011
FINAL ACTION HEARINGS (FAH)	November 2 – 6, 2011
ANNUAL CONFERENCES	October 25 – 31, 2010 Charlotte Convention Center Charlotte, NC October 30 – November 3, 2011 Phoenix Convention Center Phoenix, AZ
PUBLISH 2012 IGCC	March/2012

⁽¹⁾ See page iv for 2011 IGCC Code Committee information.

2012/2013 CYCLE NOTE:

The 2012 IGCC will be grouped with "Group B" codes with a code change proposal deadline of January 3, 2013.

2011 IGCC CODE COMMITTEE

The ICC relies upon the work and expertise of volunteers to develop and maintain the I-Codes and the ICC Standards. The ICC does this through committees that review and approve proposals. The ICC Code Committees are an instrumental part of the ICC Code Development Process. There are currently 16 Code Committees, responsible for the review and evaluation of code change proposals submitted to the 14 *International Codes*.

With the development of the IGCC, ICC's family of codes is now 15 *International Codes*. Upon the conclusion of the 2010 IGCC Public Comment Hearing, Public Version 2.0 (PV 2.0) will be compiled and posted for code change proposals on November 3, 2010.

Starting in 2011, the IGCC will undergo a full cycle of ICC Code Development in accordance with ICC Council Policy 28 Code Development which includes:

- The submission of code change proposals to IGCC PV 2.0
- A Code Development Hearing to consider the code change proposals
- A Final Action Hearing to consider comments received in response to the committee action taken at the Code Development Hearing

Following the 2010 Public Comment Hearings, a "Call for Committee" will be posted to receive applications for the 2011 IGCC Code Development Committee. The application deadline will be October 1, 2010. Be sure to monitor ICC's website at www.iccsafe.org for more information.

2010 IGCC PUBLIC COMMENT HEARING COMMITTEE

Dennis A. Andrejko, FAIA

Rep: AIA
Associate Professor of Architecture
University at Buffalo, Dept. of Architecture
Buffalo, NY

Anthony C. Floyd, AIA, LEED AP

Green Building Program Manager
City of Scottsdale
Scottsdale, AZ

Christopher J. Green, AIA, LEED AP

VICE CHAIR

Rep: AIA
President
Ago Studios, Inc.
Avon, CO

Maureen Guttman, AIA

Rep: AIA
Executive Director, Governor's Green Government
Council
PA Dept of Environment Protection
Harrisburg, PA

John Hogan

Rep: USGBC
Senior Code Development
City of Seattle DCLU
Seattle, WA

Ken Kraus

Los Angeles Fire Department
Los Angeles, CA

John (Jack) Leyden

Building Code Commissioner
State of Rhode Island
Providence, RI

Carol Marriott, P. Eng.

Rep: ASHRAE
Carol Marriott Consulting, LLC
Minneapolis, MN

R. Christopher Mathis, SMArchS

President
MC² Mathis Consulting Company
Asheville, NC

Dru Meadows, AIA, CCS, FCSI

Rep: ASTM
Principal
theGreenTeam, Inc.
Tulsa, OK

Richard C. Morgan, PMP

Austin Energy Green Building Manager
City of Austin
Austin, TX

Ravi Shah

CHAIR

Director of Urban Development
City of Carrollton
Carrollton, TX

Kimberly Wagoner

Rep: EPA WaterSense Program
Environmental Engineer
Eastern Research Group, Inc.
Chantilly, VA

Robert White (Robin), LEED AP

Product Manager
Marketing Retail Sales and Development
Alabama Power Company
Birmingham, AL

A. Vernon Woodworth, AIA

Rep: AIA
Associate Principal
R.W. Sullivan, Inc.
Boston, MA

Staff Secretary

Allan Bilka, RA

Senior Staff Architect

2010 IGCC Public Comment Hearing Procedures

The public comment submittal and hearing process is the last step in the drafting of the IGCC. These hearing procedures are based on established procedures which have been modified to facilitate the continuation of the drafting process with the public comment phase.

Committee

Committee Composition: The IGCC Public Comment Hearing Committee (Committee) may consist of representation from multiple interests. A minimum of thirty-three and one-third percent (33.3%) of the committee members shall be regulators.

Chairman: The Chairman and Vice-Chairman shall be appointed by the ICC Board.

Conflict of Interest: A committee member shall withdraw from and take no part in those matters with which the committee member has an undisclosed financial, business or property interest. The committee member shall not participate in any committee discussion on the matter or any committee vote. Violation thereof shall result in the immediate removal of the committee member from the committee. A committee member who is a proponent of a public comment shall not participate in any committee discussion on the matter or any committee vote. Such committee member shall be permitted to participate in the floor discussion by stepping down from the dais.

Representation of Interest: Committee members shall not represent themselves as official or unofficial representatives of the ICC except at regularly convened meetings of the Committee.

Public Hearing

Intent: The intent of the public hearing is to permit interested parties to present their views on the public comments on the published agenda. The Committee will consider such views as may be presented in the development of their action on the disposition of such comments.

General Hearing Procedures: *The Robert's Rules of Order* shall be the formal procedure for the conduct of the public hearing except as a specific provision of these procedures may otherwise dictate. A quorum shall consist of a majority of the voting members of the Committee.

Moderator: The ICC President shall appoint one or more Moderators who shall act as the presiding officer for the public hearing.

Chair Voting: The Chairman of the Committee shall vote only when the vote cast will break a tie vote of the Committee.

Open Meetings: This public hearing of the Committee is an open meeting. Any interested person may attend and participate in the floor discussion.

Agenda: Only those public comments which were received by the published May 14, 2010 deadline and published herein will be considered.

Agenda Order: The Secretariat shall publish an agenda for the public hearing, placing individual public comments in a logical order to facilitate the hearing. Any public hearing attendee may move to revise the agenda order as the first order of business at the public hearing, or at any time during the hearing except while another public comment is being discussed. Preference shall be given to grouping like subjects together, and for moving items back to a later position on the agenda as opposed to moving items forward to an earlier position. A motion to revise the agenda order is subject to a 2/3 vote of those present and voting.

Presentation of Material at the Public Hearing: Information to be provided at the hearing shall be limited to verbal presentations. Audio-visual presentations are not permitted. Substantiating material submitted with the public comment and other material submitted in response to a public comment shall be located in a designated area in the hearing room and shall not be distributed to the Committee at the public hearing.

Time Limits: Time limits shall be established as part of the agenda for testimony on all public comments at the beginning of each hearing session. Each person requesting to testify on a comment shall be given equal time. In the interest of time and fairness to all hearing participants, the Moderator shall have limited authority to modify time limitations on debate. The Moderator shall have the authority to adjust time limits as necessary in order to complete the hearing agenda.

Time Keeping: Keeping of time for testimony by an individual shall be by an automatic timing device. Remaining time shall be evident to the person testifying. Interruptions during testimony shall not be tolerated. The Moderator shall maintain appropriate decorum during all testimony.

Points of Order: Any person participating in the public hearing may challenge a procedural ruling of the Moderator or the Chairman. A majority vote of those present and voting shall determine the decision.

Floor Discussion: The Moderator shall place each public comment (or comments when grouped) before the hearing for discussion by identifying the comment(s) and by regulating discussion as follows:

Discussion Order:

Proponents. The Moderator shall begin by asking the proponent and then others in support of the public comment(s) for their testimony.

Opponents. After discussion by those in support of a public comment(s), those, if any opposed thereto, shall have the opportunity to present their testimony.

Modifications: Modifications to a public comment from the floor will not be permitted. Modifications made by the Committee during Committee Action are permitted.

Committee Action on Public Comments with Legislative Text Changes: Following the floor discussion of the public comment (or comments when grouped), the Committee shall discuss the comment(s) and take one of the following actions.

1. Approve the public comment or
2. Approve the public comment with specific modifications offered by the members of the committee or
3. Disapprove the public comment

The Committee shall maintain a record of its proceedings including the action taken on each public comment.

Committee Action on Public Comments without Legislative Text Changes: Those public comments which did not include legislative text changes have been placed on the agenda as "General Comments". Following the floor discussion of the public comment (or comments when grouped), the committee shall be permitted to offer their views on the public comment, noting their general agreement or disagreement with the public comment. Time permitting, the Committee may develop and approve text revisions that reflect the intent of the public comment.

The Committee shall maintain a record of its proceedings, noting their general agreement or disagreement with the public comment and any text revisions.

Committee Action on Public Comments relative to ICC 700 and ASHRAE 189.1: Public comments which address the scope and application of the referenced standards ICC 700 National Green Building Standard and ASHRAE 189.1 Standard for the Design of High-Performance Green Buildings are on the agenda. The action taken by the Committee on these comments will be limited to an advisory recommendation to the ICC Board of Directors.

Reconsideration: There shall be no reconsideration of a public comment after it has been acted on by the Committee.

Public Hearing Results

Report of the Public Hearing: The results of the public hearing, including committee action, shall be posted on the ICC website.

Publication: Committee action taken on Public Comments which results in a change to the text of IGCC Public Version 1.0 shall be compiled and published as IGCC Public Version 2.0.

2010 IGCC PUBLIC COMMENT HEARING SCHEDULE
August 14 - 22, 2010
The Westin O'Hare Hotel, Rosemont, IL

The hearing on each chapter of the IGCC PV 1.0 will begin immediately upon completion of the hearings for the prior chapter (see note 5 for Chapter 6). **This includes moving a chapter(s) up or back from the day indicated based on hearing progress.** Actual start times for the various chapters cannot be stipulated due to uncertainties in hearing progress.

The hearings will be completed no later than 2:00 p.m. on Sunday, August 22. This may require adjustments to the daily start/end times based on hearing progress. See page ix for the Tentative Order of Discussion.

Saturday August 14	Sunday August 15	Monday August 16	Tuesday August 17	Wednesday August 18	Thursday August 19	Friday August 20	Saturday August 21	Sunday August 22
Start 8 am	Start 8 am	Start 8 am	Start 8 am	Start 8 am	Start 8 am	Start 8 am	Start 8 am	Start 8 am
Chapter 1	Chapter 4	Chapter 5	Chapter 7	Chapter 9	Chapter 6	Chapter 6	Chapter 6	General Comments
ICC 700	Chapter 5	Chapter 7	Chapter 8	Chapter 10			General Comments	
ASHRAE 189.1			Chapter 9	Chapter 11				
Chapter 3				Chapter 12				
Chapter 4				Appendices				
				Chapter 6 (see note 5)				
End 9 pm	End 9 pm	End 9 pm	End 9 pm	End 9 pm	End 9 pm	End 9 pm	End 9 pm	End 2 pm

Notes:

1. Daily start and end hearing times are subject to change based on progress.
2. Lunch and dinner breaks to be announced.
3. Consult the cross index on page xvi for public comments to be heard with a chapter other than the chapter under which the public comment is designated. For example, comment 10-30 is published with Chapter 10 but will be heard with comments submitted to Chapter 1 as they are related.
4. Chapter 2 Definitions to be heard with the respective chapter which use the term.
5. Chapter 6 to start no earlier than 1:00 pm on Wednesday, August 18. This is a conservative estimate and not intended to be a scheduled target.

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Some of the public comments include sections that are outside of the chapter designations listed on the tentative hearing order. Listed in this index are public comments that include sections that are outside the chapter designation.

For example, Section 402.1.2 has received a public comment that has been included with other comments to Chapter 3. As such, the comment will be considered with Chapter 3 in the hearing order.

This information is provided to assist users in locating all of the public comments that would affect a certain section or chapter. While care has been taken to be accurate, there may be some omissions in this list.

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