



Dick Meyer

Program Director, Energy Codes

Caroline Keicher

Program Associate, IMT

Building Codes Training for the 2012 IECC Final Action Hearings October 25th-31st, 2010

**Metropolitan Washington Council of
Governments, Committee Meeting of the
Intergovernmental Green Building Group**

Institute for Market Transformation

September 14, 2010

Building Energy Codes – the basics

- Building codes are specific, detailed criteria that must be met and approved to receive building permits.
- Professional associations and standards setting organizations create, discuss, debate, amend, and publish these model codes.
- Two main organizations publish building energy codes:
 - **ICC** – commercial & residential building energy codes
 - **ASHRAE** – commercial building energy codes

Energy Code Minimums = “The Least Energy-Efficient Building You Can Legally Build”

Building Energy Codes – the basics

- Model Energy Code amendment process occurs every three years
 - State & Local Officials Vote for Final ICC **Commercial** & **Residential** Code
 - 50-Member Standing Standards Project Committee (SSPC) Sets ASHRAE 90.1 **Commercial** Code
- Guided by Model Energy Codes, State and Local Codes are then amended, adopted, administered, and enforced by Local Officials

Why is the International Energy Conservation Code (IECC) so important?

- National Model Energy Code of Choice
 - *40 States and D.C.*
- Cited throughout federal law for:
 - National private and Federal housing initiatives
 - Energy Independence & Security Act of 2007 (EISA)
 - Energy Conservation & Production Act, as amended
 - National benchmark for single family homes, townhomes, low-rise condominiums & apartments
 - Manufactured Housing (HUD 24 CFR 3280)
 - Energy Efficient Mortgage Programs (FHA, VA, Fannie & Freddie)

The State of Energy Codes in Virginia

- The **Virginia Uniform Statewide Building Code** (USBC)
- Mandatory, effective May 1st, 2008
- Based on 2006 IECC
- On July 26, 2010, the [Virginia Board of Housing and Community Development](#) approved a proposed rule to **update the Uniform Statewide Building Code (USBC) to reference the 2009 IECC and 2009 IRC**

The State of Energy Codes in Maryland

- The **2010 Maryland Building Performance Standards** (MBPS – COMAR 05.02.07)
- Mandatory, effective January 1, 2010
- Incorporates by reference the 2009 editions of the International Building Code (IBC), the International Residential Code (IRC), and the International Energy Conservation Code (IECC) with modifications by the state .
- The [Maryland Department of Housing and Community Development \(DHCD\)](#) **must adopt subsequent versions of the MBPS within 12 months of publication of new code editions by the International Code Council (ICC).**

The State of Energy Codes in DC

- The **2008 D.C. Construction Codes**
- Mandatory, effective December 26, 2009
 - **Residential Code:** based on the "30% Solution" (developed to be 30% beyond the 2006 IECC), which is more stringent than the 2009 IECC.
 - **Commercial Code:** based on ASHRAE 90.1-2007, with several greening amendments.
- The [D.C. Green Building Act of 2006](#) requires that updated building codes be submitted to the City Council by January 1, 2010 and again every three years thereafter. The Act requires that codes "shall incorporate as many green building practices as practicable."

What can a 30% improvement in energy codes do?

“By 2030, DOE estimates that full adoption and implementation of 30% model codes in America's homes and buildings has the potential to save approximately **2.7 Quads of energy per year** and to avoid nearly **160 million metric tons of CO₂ equivalents per year**, which could potentially **save consumers up to \$20 billion in annual energy expenditures.**” *DOE Asst. Sec David Rodgers, testimony 7/08*

And now for logistics... and scheduling!

Monday October 25	Tuesday October 26	Wednesday October 27	Thursday October 28	Friday October 29	Saturday October 30	Sunday October 31
Start 1 pm ADMIN IPMC IZC End 4 pm	NO HEARINGS	Start 1 pm IECC Chs. 1- 4 & IRC Ch. 11 End 5 pm	Start 8 am IECC Chs. 1- 4 & IRC Ch. 11 End 6 pm	Start 8 am IECC Chs. 1- 4 & IRC Ch. 11 IECC Ch. 5 End 6 pm	Start 8 am IECC Ch. 5 End 6 pm	Start 8 am IECC Ch. 5 End 12 pm

The Hearings on the IECC and IRC will not start until 1:00 pm on Wednesday. Actual start times for each code/chapter cannot be stipulated due to uncertainties in hearing progress. The hearing on each code/chapter will begin immediately upon the completion of the hearings for the prior code/chapter. **This may require late nights and schedule adjustments.**

ICC Policy on Financial Assistance for Governmental Member Voting Representatives

ICC Council Policy #CP-36 defines the circumstances under which it is permissible for Governmental Member Voting Representatives to accept funds to enable a Governmental Member Voting Representative to attend ICC code hearings.

Prior to receiving a voting device, **each Governmental Member Voting Representative** will have to sign a written certification that he/she has complied with ICC policy regarding the receipt of financial assistance in connection with attendance at the hearing.

COG's Compliance Memo on ICC Policies

METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS

Local governments working together for a better metropolitan region

TO: COG Local Government Jurisdictions Staff and Other Interested Parties

FROM: Leah Boggs, Environmental Planner, Metropolitan Washington Council of Governments

THROUGH: Joan Rohlf, Director, Environmental Resources Programs, Metropolitan Washington Council of Governments

SUBJECT: COG's Compliance with International Code Council policies for providing travel scholarships to the 2010 Final Action Hearings in Charlotte, NC

DATE: August 5, 2010

Background
Through the generosity of The Energy Foundation, the Metropolitan Washington Council of Governments (COG) is able to offer travel scholarships to its local government jurisdictions to attend the 2010 International Codes Council's (ICC) Final Action Hearings to be held in Charlotte, NC, October 25-31, 2010.

The purpose of this memorandum is to outline that travel scholarships provided by COG to its local government jurisdictions to comply with the policies established by the ICC related to the provision of travel support to ICC governmental members.

Relevant International Codes Council Policies
The primary ICC policy governing the provision of travel support to "members, member representatives and participants" is *CP#36-09 Sponsorship and Contributions* (<http://www.iccsafe.org/AboutICC/Documents/CP36-09.pdf>).

- Section 1.0 of CP#36 describes the purpose of this Council Policy.
- Section 2.0 pertains to "Solicitations," those situations in which the ICC member actively seeks travel support from third party organizations.
- Section 3.0 pertains to "Contributions" to governmental members of the ICC. This is most applicable to COG and its members.
 - Section 3.1 explains that ICC prohibits reimbursement directly to government member voting representatives (i.e. individuals/local government staff)
 - Section 3.2 requires that ICC governmental members (i.e. the local government entity) may accept contributions but must do so "by action of its elected governing body or chief administrative authority."
 - Section 3.3 applies to donations of technical services and are not applicable to COG's travel support.
 - Section 3.4 explains that all contributions to ICC governmental members must comply with all applicable law.

777 North Capitol Street, N.E. Suite 300 Washington, D.C. 20002-4290
Telephone (202) 962-3200 Fax (202) 962-3201 TDD (202) 962-3213 Website www.mwco.org

Page 2

On July 23, 2010, ICC updated its guidance on this issue. Please note, that at the Final Action Hearings, all governmental member voting representatives will be asked to sign a written certification that he/she has complied with ICC policy regarding the receipt of financial assistance in connection with attendance at the hearing. (<http://www.iccsafe.org/Membership/Pages/2010FinancialAssistance.aspx>).

COG's Travel Scholarship Requirements and Compliance with ICC Council Policies
COG's local government jurisdictions are able to apply to COG for travel scholarships for the exclusive purpose of attending and participating in the 2010 ICC Final Action Hearings.

- With respect to section 3.1 of CP#36, COG's travel scholarship application form explicitly refers to ICC policies and explains that any reimbursement will be made only to local government entities and not to ICC Governmental Member Voting Representatives (GMR) and that GMR are to comply with their own jurisdictions policies for travel reimbursement. COG will only accept invoices from local governments before providing reimbursement.
- With respect to section 3.2 of CP#36, COG has included the following clause in its application for travel scholarships.
Elected Governing Body Representative or Chief Administrative Officer
To comply with International Code Council policies for contributions to ICC governmental members, travel scholarships must be accepted by action of the elected governing body or chief administrative officer. The contact does NOT necessarily have to travel to Charlotte.
- With respect to Section 3.4, COG has included the following clause in its application for travel scholarships.
Acceptance of this travel scholarship will comply with all local travel policies and applicable laws.

COG is pleased to have the opportunity to enable local governments to attend and participate in the International Code Council's proceedings and fully supports ICC's efforts to maintain a transparent process.

Contact Information
COG Travel Scholarship Application
Leah Boggs, Environmental Planner, (202) 962-3336 or lboggs@mwco.org
International Code Council Membership, Policies or Final Action Hearing Proceedings
1-888-ICC-SAFE (422-7233) or marmstrong@iccsafe.org

Your jurisdiction's compliance with ICC's Policies

Jurisdiction Letterhead

Date _____

Leah Boggs
Environmental Planner
Metropolitan Washington Council of Governments
777 North Capitol Street NE, Ste. 300
Washington, DC 20012

Dear Ms. Boggs:

The jurisdiction of _____, a Metropolitan Washington Council of Governments (COG) member jurisdiction, requests COG travel support for _____ of our Governmental Member Voting Representatives to attend the ICC Final Action Hearings in Charlotte, NC, October 25-31, 2010 in accordance with the stated terms and conditions described in the COG memo dated August 5, 2010.

We have read and understood the ICC policy about travel reimbursement, highlighted in the August 5th COG memo and posted on line at the ICC web site, and agree to adhere to those policies.

Our application for this travel support is submitted under authority of our elected governing body or chief administrative authority of our unit of government.

Sincerely,

Authorizing Signature

Date

Print name of Authorizing Representative

Print title of Authorizing Representative

The jurisdiction of _____, a Metropolitan Washington Council of Governments (COG) member jurisdiction, requests COG travel support for ___ of our Governmental Member Voting Representatives to attend the ICC Final Action Hearings in Charlotte, NC, October 25-31, 2010 in accordance with the stated terms and conditions described in the COG memo dated August 5, 2010.

We have read and understood the ICC policy about travel reimbursement, highlighted in the August 5th COG memo and posted on line at the ICC web site, and agree to adhere to those policies.

Our application for this travel support is submitted under **authority of our elected governing body or chief administrative authority** of our unit of government.

Your Voting Apparatus!



Picking up a keypad:

Key pads can be picked up at registration, or at the ICC table once voting has begun.

Keep your keypad with you at all times, but be sure to return it to ICC at the end of the hearings (otherwise you will be charged \$250).

Voting instructions:

For Code Hearings, follow the instructions on the screen – press #1 for Yes and #2 for No

As long as the green light illuminates on the key pad your vote counted; you do not need to turn on the keypad or login. No other buttons are needed.

If you make a mistake, just revote. The system only accepts the last signal it received. If you press the button 20 times, just the last one counts.

There will always be instructions & a test at least once a day during voting.

Thanks! See you in Charlotte...

Please don't hesitate to contact us with questions:

Caroline Keicher
caroline@imt.org

Dick Meyer
dick@imt.org

202-525-7005



Institute
for Market
Transformation