

**IL Energy Conservation Advisory Council
April 20, 2009 – 1:30 pm - CDB Board Room
MEETING MINUTES**

Council Members in Attendance

Jim Underwood, Chairman, CDB
Ray Boosinger, Architect, CDB
Bob Coslow, Electrical Engineer, CDB
Terry Phelan, Mechanical Engineer, CDB
Darren B. Meyers, PE, International Code Council
Don Plass, Building Code Official Rep
John Goetz, RD Lawrence Construction & a Central Illinois Builders Rep
Bruce Maxey, Architect, BLDD Architects
John Meek, Felmley Dickerson Co. & a Central Illinois Builders Rep

CDB Staff and Guests in Attendance

Laura Kozemczak, CDB
Candy Bearden, CDB
Bruce Selway, DCEO
Mike Waldinger, AIA
Audry Fischer, International Dark-Sky
Daniel P. Joyef, International Dark-Sky
Corinne Jembrzycki, International Dark-Sky

The meeting was called to order at 1:40 p.m. by Jim Underwood, Administrator of CDB Construction and designated Chair of the IL Energy Conservation Advisory Council by CDB Executive Director Jim Riemer.

Chairman Underwood took roll call. All Board Members and guests introduced themselves.

Chairman Underwood requested old business to be discussed.

Mr. Meyers noted that the IL Energy Conservation Advisory Council is required to meet at least once a year according to the Act and that the Council did not officially meet last year. It was agreed by the Council members that the council would meet at least yearly in the future.

Chairman Underwood requested any additional old business and since there was none, he moved on to new business.

Ms. Kozemczak and Mr. Coslow discussed the IL Energy Conservation Advisory Council Membership and how the Council currently designates nine members. Mr. Coslow recommended that two additional members be added to the council and stated that these members should be a Residential Representative and a DCEO Representative. This would change the council membership from nine members to eleven.

Mr. Coslow made a motion to add two members to the Energy Conservation Advisory Council, a DCEO Representative and a Residential Representative, subject to approval by CDB's Legal Counsel. Mr. Goetz seconded the motion. Chairman Underwood called for a vote, which was approved unanimously. Motion passed.

Mr. Meyers of the International Code Council discussed with the Council the 2009 International Energy Conservation Code for Commercial Construction statewide.

After much discussion between Council members, Mr. Coslow made a motion to adopt the 2009 International Energy Conservation Code for Commercial Construction statewide. Mr. Meek seconded the motion. Chairman Underwood called for a vote. Mr. Meyers stated that he would recuse himself from this vote. Mr. Goetz abstained from this vote. The ayes have it. Motion passed.

Mr. Coslow discussed and made a motion to adopt the 2007 Edition of ASHRAE 90.1 Standard for state-funded construction. Mr. Phelan seconded the motion. Chairman Underwood called for a vote. Mr. Goetz abstained from this vote. The ayes have it. Motion passed.

Ms. Kozemczak discussed CDB's rule process for submittal to JCAR (Joint Committee on Administrative Rules) to amend existing rules to include updated codes/standards. First the emergency rule is filed to get the updated information in place effective immediately. Then a formal rule is filed with JCAR and that will start the first 45 day comment period and then after that there is second 45-day comment before the rule is finalized.

Mr. Coslow discussed with the Council his recommendation on procedures of how an outside entity could formally present their proposals or amendments to the council. The outside party should submit the proposed amendment and then the Council would consider whether or not the proposed amendment merited further consideration. If the Council determined it had merit, the item would have to be investigated further and those findings would be presented to the Council for a vote at a future meeting. If an amendment did pass, it may require a change to the Administrative Rules. Mr. Meyers suggested that CDB formally provide a written recommendation for submittal procedures/guidelines for the Council's approval.

Ms. Audry Fischer gave a presentation on behalf of the International Dark-Sky Association discussing light pollution and its impact on daily life. The four components of light pollution are often combined and overlapping:

- **Urban sky glow**—the brightening of the night sky over inhabited areas.
- **Light trespass**—light falling where it is not intended, wanted, or needed.
- **Glare**—excessive brightness which causes visual discomfort.
- **Clutter**—bright, confusing, and excessive groupings of light sources, commonly found in over-lit urban areas.

Mr. Meyers recommended to Ms. Fischer that she submit her code change proposals to the ICC by the June 1, 2009 deadline.

Mr. Meyers gave an update to the Council on House Bill 3987 addressing Energy Efficiency-Residential. He discussed particular deficiencies throughout the bill. The Council also discussed and expressed their concerns. Mr. Mike Waldinger, AIA, commented that he was working with the sponsor of the legislation to correct the definition of a Residential Building.

To summarize the definition of "residential building" as it currently is outlined in the proposed legislation may prevent Illinois from demonstrating the 90% compliance requirements.

2009 IECC RESIDENTIAL (one-, two-family, townhomes, and multi-family ... all 3 stories or less)

(1) This means 3-story (or less) apartments are considered residential.

(2) This means 4-story+ apartments are considered commercial.

ENVELOPE	LESS EFFICIENT envelopes <i>than residential</i>
HVAC	MORE EFFICIENT HVAC systems <i>than residential</i>
SWH	MORE EFFICIENT service water heating systems <i>than residential</i>
LIGHTING	MORE EFFICIENT lighting systems <i>than residential</i>

2009 ILLINOIS RESIDENTIAL (one-, two-family, townhomes, and multi-family ... all 4 stories or less)

(1) This means 3-story (or less) apartments remain being considered residential.

(2) This means 4-story apartments are considered residential, and "as such" subject to.

ENVELOPE	MORE EFFICIENT envelopes <i>than commercial</i>
HVAC	LESS EFFICIENT HVAC systems <i>than commercial (efficiency losses across all construction in Illinois here)</i>
SWH	LESS EFFICIENT service water heating systems <i>than commercial (efficiency losses across all construction in Illinois here)</i>
LIGHTING	LESS EFFICIENT lighting systems <i>than commercial (efficiency losses across all construction in Illinois here)</i>

(3) This means 5-story+ apartments remain considered commercial.

After much discussion, Mr. Meek motioned and Mr. Goetz seconded a motion that the IL Energy Conservation Advisory Council is concerned that the residential building definition proposed in legislation that has passed the Illinois House, and modifying the Energy Efficient Building Act (EEBA) compared to the definition in the 2009 International Energy Conservation Code (IECC) may jeopardize a positive determination relative to the 90% compliance determination as required by American Recovery & Reinvestment Act (ARRA). The Illinois Energy Conservation Advisory Council requests a USDOE interpretation relative to the possible impact to the State of Illinois. Chairman Underwood called for a vote. The ayes have it. Motion passed.

Chairman Underwood stated the next IL Energy Conservation Advisory Council meeting will be scheduled according to member availability and will be held in May or June.

Mr. Meyers moved and Mr. Maxey seconded a motion to adjourn. Chairman Underwood called for a vote, which was approved unanimously. Motion carried and the meeting adjourned at 4:53 p.m.