



City of Madison
Meeting Minutes - Draft
SUSTAINABLE DESIGN AND ENERGY
COMMITTEE

City of Madison
Madison, WI 53703
www.cityofmadison.com

Monday, November 12, 2007

4:00 PM

Overature Center, 201 State St., Board Room

CALL TO ORDER / ROLL CALL

The meeting was called to order by committee chair, Sherrie Gruder. The meeting was confirmed to have been properly noticed and a quorum was verified to be present.

Present: 11 - Rhodes Conway, Compton, Bremer, Gruder, Vickerman, McGrath, Mackin, Drummond, Maine, Boyer and Host-Jablonski

Absent: 1 - Army

Excused: 3 - Armstrong, Voss and Dorgan

PUBLIC COMMENT

No public comment.

APPROVAL OF MINUTES

David Boyer made the motion to accept the minutes as amended for the October 22, 2007 meeting. Motion seconded by Catherine Mackin. The minutes were approved.

1 Environmental Health Report Card - John Hausbeck, Public Health Dept. for Madison and Dane Co.

John Hausbeck, Environmental Epidemiologist with the Public Health Department for Madison and Dane Co., made a presentation on the *Madison and Dane County Environmental Health Report Card 2006*. The purpose of the presentation was to learn about other measurement criteria and reports conducted in relation to the environment by the City as the SDE Committee and Facilities & Sustainability Manager develop measurements for the Green Capital City Program. SDE Committee members asked many questions about air pollution and how it is measured, as well as methodologies for tracking instances of asthma. The committee thanked John Hausbeck for his presentation. *The Madison and Dane County Environmental Health Report Card 2006* is available on-line:

http://www.cityofmadison.com/health/pubnews/pdf_files/2006RptCard.pdf

2 [07981](#)

Workplan Development for 2008

Attachments: [Building A Green Capital City: Blueprint for Madison's Sustainable Design & Energy Goals and Implementation](#)
[Madison Measures and Building a Green Capital City Report](#)
[Santa Monica web site](#)
[Sustainable Seattle web site](#)
[Tucson web site](#)
[Santa Barbara web site](#)
[San Francisco web site](#)
[Silicon Valley web site](#)
[Smart Communities web site](#)
[Going Green article Wall Street Journal Nov 13 2007.doc](#)
[Los Angeles Green Building Resolution Los Angeles Times Nov 16 2007.doc](#)

The committee referred to the document, *Building a Green Capital City: A Blueprint for Madison's Sustainable Design & Energy Future*. Progress is being made in the areas of A, B and C, as outlined under Section One, Establish a Sustainable City Program, in the Blueprint document.

Jeanne Hoffman, the Facilities and Sustainable Manager, is overseeing the development of a building inventory. This is a document that can be posted on the Sustainable Design & Energy Committee's web page (follow up action required).

Sherrie Gruder asked the committee about setting goals within the workplan that address adopting a Green City framework. David Drummond suggested the Energy Star Partners Award Program as a program that is already widely recognized. He said one example of an award is "Best work places for commuters" and would be an award that the City could promote (such as listing on the City's web site). Catherine Mackin said the City has applied with the Environmental Protection Agency for status as a Green Power Partner.

The committee discussed the City preparing an annual report on the state of Madison's environment and having the Mayor issue the report. Jeanne Hoffman said ICLEI's software would help the City obtain data on our progress toward the Climate Protection Agreement as well as offer technical assistance. Establishing an internal awards program and recognizing staff for promoting and implementing an effective sustainability program or making energy efficient improvement within their department would be part of the 2008 workplan.

Judy Compton made the motion that Jeanne Hoffman would present her criteria for the annual report at the SDE Committee meeting of January 14, 2008. The committee would then make their recommendations for what topics to include in the annual report. Motion seconded by Bill Bremer. Motion passed.

The committee discussed sustainability indicators and the implications around measuring social sustainability. David Boyer suggested the committee look back to its charter to see if "social sustainability" is an outcome of the SDE Committee. Sherrie Gruder said the committee's charter is to provide assistance implementing *Madison's Green Blueprint*, which includes a sustainability program that incorporates the four system conditions of The Natural Step (TNS). David Boyer asked if the adoption of TNS changes the workplan and if the committee needs a member with a background in social

sustainability. Jeanne Hoffman suggested that a TNS presentation be made to the SDE Committee that specifically addresses the forth system condition, which is, "meet human needs fairly and efficiently", or social sustainability.

Judy Compton asked if the goals of the workplan are the goals of the SDE Committee or of the City of Madison. Lou Host-Jablonski said he did not know if the City had specifically set goals to meet Madison's Green Blueprint. He said he views the role of the SDE Committee as advising the City on its goals.

Sherrie Gruder asked the committee about the second part of the workplan, which is related to the GRE2EN Commitment. Components included in this section of the workplan include:

1. Energy efficient upgrades to existing buildings (on-going).
2. The 100K Energy Challenge
3. Implementing rapid paybacks
4. Installing solar hot water heaters, such as is currently being done at many of Madison's fire stations. Satya Rhodes Conway said that the City of Berkley had just implemented a solar incentives program. The SDE Committee could consider adding: "Examining a similar solar program" as an item to the workplan.
5. Use of off-grid solar - such as bus shelters and parking meters. This item for the workplan would include developing a more systematic evaluation of solar opportunities.
6. Preparing a list of upgrades for City buildings to be included in the Capital budget. Jeanne Hoffman suggested that May 2008 would be a good target for the SDE Committee to have this recommendation available.

Jeanne Hoffman said Kay Schindel, of the Engineering Division is developing standards for City buildings regarding energy components. She asked for several members of the SDE Committee to review the document when it is ready.

This Miscellaneous Item was Referred to the SUSTAINABLE DESIGN & ENERGY COMMITTEE, due back on 12/10/2007.

3 [07453](#)

Requiring Green Building Certification for new City buildings.

Attachments: [Government Green Buildings Programs Inventory](#)
[U.S. Green Building Council website](#)
[Davis Langdon website](#)
[Wall Street Goes Green](#)
[A Business Case for Green Buildings in Canda](#)
[Greening America's Schools: Costs and Benefits](#)
[The Costs and Financial Benefits of Green Buildings](#)
[U.S. Green Building Council Website - Fees for LEED Certification](#)
[Sustainable Buildings Rating Systems Summary](#)

Sherrie Gruder presented information from a new study by the New Buildings Institute on the performance of LEED certified buildings reported on at the

Greenbuild conference. Findings after at least one year operations of 125 LEED certified buildings are that, at the certified level, they perform 25% below code on energy use, LEED Silver perform 35% below code on energy use and LEED Gold and Platinum buildings are 45% better than code than non LEED buildings.

The committee discussed how information about the Green Building Resolution could best be presented to the Common Council. The committee agreed that a compelling argument would address two points: First, why to use LEED Certification and second, why to go through the process of having a building be LEED Certified.

Judy Compton said she would like to state for the record that she is in favor of the City building green buildings but does not support the Green Building Resolution requiring the certification process.

Satya Rhodes Conway motioned, seconded by Dave Drummond, to refer this item to the SDE meeting of December 10th. Sherrie Gruder, Chair of the SDE Committee, and City staff will draft a fact sheet about the Green Building Resolution. The SDE Committee will review and make suggestions at the Dec. 10th meeting. Motion passed.

This Resolution was Referred to the SUSTAINABLE DESIGN AND ENERGY COMMITTEE, due back on 12/10/2007

UPDATES

No updates.

ADJOURNMENT

Meeting adjourned at 6:00 p.m.