

## (2) MidWest Rebuild Application Center

This effort is to develop a Midwest Regional Rebuild America Application Center (Center) that will provide the Midwestern States with the information, education, and technical assistance necessary to continue and expand, in a coordinated manner, their Rebuild America program activities. The Center will apply specific structure to the Rebuild America program on a regional basis, supporting (not replacing) the efforts of the states within the region. This effort will focus on building capacity and documenting results. An effective way of growing capacity in times of shrinking budgets is to provide the forum and mechanisms for the states to tap into and utilize the knowledge, experiences, and best practices of all the states and other energy information entities in the region.

Total project cost:

Funding request:

Project Lead: University of Illinois Chicago, Energy Resources Center

Project Participants: Energy Center of Wisconsin

Start Date:

End Date:

### Patents

It is anticipated that no patents or patent applications will result from this effort.

### Publications/Presentations

The webinar series on “Energy Efficient Colleges and Universities” continued this quarter with a fourth webinar broadcast on July 24, 2007 titled “Utility Risk Management for Colleges and Universities.” The fifth webinar is scheduled for October 23 titled “Planning, Financing, and Implementing Renewable Energy Projects for Colleges and Universities.”

#	Date	Title	Broadcast Location	Web Link
1	03/06/07	Sustainable Energy Management for Colleges and Universities	Madison, WI	<a href="http://www.ecw.org/mwbuildings/webinar030607.php">http://www.ecw.org/mwbuildings/webinar030607.php</a>
2	04/10/07	Effective Energy Efficient Lighting Opportunities and Strategies for Colleges and Universities	Chicago, IL	<a href="http://www.ecw.org/mwbuildings/webinar041007.php">http://www.ecw.org/mwbuildings/webinar041007.php</a>
3	05/22/07	Combined Heat and Power for Colleges and Universities	Chicago, IL	<a href="http://www.ecw.org/mwbuildings/webinar052207.php">http://www.ecw.org/mwbuildings/webinar052207.php</a>
4	07/24/07	Utility Risk Management for Colleges and Universities	Dimondale, MI	<a href="http://www.ecw.org/mwbuildings/webinar072407.php">http://www.ecw.org/mwbuildings/webinar072407.php</a>
5	10/23/07	Planning, Financing, and Implementing Renewable Energy Projects for Colleges and Universities	Oberlin, OH	NA

### Progress in Past Quarter and Current Status

The Energy Resources Center and the Energy Center of Wisconsin began this effort of the Midwest Regional Rebuild Application Center in January 2006. During the third quarter 2007 considerable progress toward completing Task II “Developing and Implementing Center

Services” was achieved. The project Web site was further defined and information on the college and university sector as well as other market sectors was added. The web site can be viewed at [www.ecw.org/mwbuildings](http://www.ecw.org/mwbuildings). As a result of a subcontract with the Midwest Energy Efficiency Alliance, staff continued to include MEEA’s related activities to the Center’s reports. MEEA will assist the advisory group and the project by designing and implementing promotional and training webinars for the project.

Listed below are featured activities for the seventh project quarter (Q3.07).

#### **Meetings of the Advisory Committee**

A primary effort of Task I “Developing and Expanding State Rebuild Capacity” was the formation of an Advisory Committee including subsequent meetings and teleconferences for this effort. During Q2.07 and Q3.07, the Advisory Committee was contacted numerous times via emails and one-on-one phone conversations by ERC and ECW.

#### **Development of a Sector related Project “Energy Efficient Universities and Colleges”**

During this quarter, staff continued the project objectives identified in the third quarter of 2007. Listed below is an outline of those efforts:

##### **Project Objectives**

Provide information, education, and technical assistance to the colleges and universities in the Midwest in the areas of:

- Energy Efficiency Measures
- Reduced Energy Costs
- Sustainable Energy / Environmental Design
- Energy Financing
- Energy Reliability

Measure the effectiveness of this effort in the Midwest in terms of College and University participation (partnership) in the program, their utilization of the information and technical assistance, and their actual investment of resources (time & money) in upgrading their facilities in terms of energy efficiency and environmental improvement.

##### **Approach**

Identify and engage the College and University organizations that represent the Midwest Institutions of higher learning.

- Implement a web based Midwest information capability that will:
- Facilitate access to energy information and provide regional perspective for this targeted market sector (hot link to other sites to avoid duplication of effort)
- Contain all information, educational materials, tools, and reports generated by the Center and/or other sources relevant to this project
- Foster ongoing collaboration among the targeted market sector (universities and colleges) stakeholders (including the ability for stakeholders to make technical inquiries that will invoke a quick response from the Center ... technical assistance)
- Compliment (not replace) individual state and/or targeted market websites dedicated to energy efficiency measures or technologies
- Bring together the best practices from Midwest State activities focused on this targeted sector
- Develop, organize, and implement a series of webinars (teleconferencing workshops) targeted at the University and College sector in the Midwest. The webinars will address those energy efficiency measures & technologies of most

interest to University and College facility managers and energy administrators. Continuing education credits for participants of the webinar series will be sought.

- Develop 5 to 10 project profiles (two page case studies) highlighting university/college implementation programs that can be utilized as examples for follow on outreach activities in this market sector.

Finally, the Center, with the assistance of the Advisory Committee, will provide follow up assistance to the State Energy Offices (SEO) in the Midwest to evaluate the success or failure of this type of regional project. Within the availability of resources (time and funds), the Center will attempt to expand these efforts into the second and third priority market sector identified by the Advisory Committee: K thru 12 Schools and Government Buildings.

### **Identifying & Partnering With Key Organizations**

The support of professional organizations representing colleges and universities in the Midwest in developing the information, education, and technical assistance made available by the Center will ensure the participation of their memberships. These organizations represent facility managers, building administrators/VPs, and education planners within the targeted market of colleges and universities. The organizations that have assisted the MBTAC in promoting the webinar series are:

- Association for the Advancement of Sustainability in Higher Education (AASHE)
- Association of Higher Education Facilities Officers (APPA)
- Midwest Association of Higher Education Facilities Officers (MAPPA)
- Society for College and University Planning (SCUP)
- Central Association of College and University Business Officers (CACUBO)

Non-higher education related organizations that have assisted in promoting the webinars are:

- Midwest Cogeneration Association (MCA)
- Midwest CHP Application Center (MAC)

### **Information Clearinghouse Development and Activities**

A critical element to the success of this effort is the continued development of the Midwest Buildings Technology Application Center technical Clearinghouse database and Website. As such, work was continued during this quarter in establishing the Clearinghouse and Website within the Energy Center of Wisconsin. This system serves as the ongoing engine, required to establish a Midwest Buildings Technology information clearinghouse system. Further information as reported by ECW is included below:

The Center web site was officially launched in June 2006 and can be viewed at

<http://ecw.org/mwbuildings>. The web site is populated with the following menu headings:

- **Market Sectors** page connects a viewer to a library of technical resources, event listings, and partnerships organized by market sector. The first market sector to be populated is the Colleges & Universities. Government, schools (K-12), and retail stores are other market sectors that will soon be populated.
- **E-Line** page is a viewer's connection to technical assistance from a variety of experts via an email version of a tech hotline.
- **News & Notes** page will list the Advisory Committee meetings/conference calls and links to meeting documents.
- **Partners** page lists the state/regional partners and links to websites and the individual Midwest state Rebuild America pages.

- **About Us** page will describe the program and organizations that direct the program efforts.
- **Contacts** page lists the contact information for the Center program managers from the University of Illinois at Chicago and the Energy Center of Wisconsin.
- **Home** menu item returns the viewer back to the program's home page.

Following are highlights of the Website for the second and third quarters of 2007 (April 6, 2007 through September 6, 2007). Separate one page fact sheets on the web site activity for each quarter are attached in Appendix A. During this period, the Website has experienced 6,983 hits averaging 1,397 average hits per month. The average number of hits per month was lower in Q3.07 when compared to Q2.07; this was due to less webinar broadcast activity occurring during Q3.07.

	Q2.07 (3 months)	Q3.07 (2 months)
Overall Web Site Archive		
Number of Hits per Quarter	4,598	2,385
Average Number of Hits per Month	1,532	1,193

### **Webinar Archive (Q3.07 only)**

Sustainable Energy Management for Colleges and Universities (aired 3/06/07)

- Main page: 63 views

Effective Energy Efficient Lighting Opportunities and Strategies for Colleges and Universities (aired 4/10/07)

- Main page: 116 views

Combined Heat and power for Colleges and Universities (aired 5/22/07)

- Main page: 91 views

Utility Risk Management for Colleges and Universities (aired 7/24/07)

- Main page: 79 views

### **Communication**

	Q2.07 (3 months)	Q3.07 (2 months)
Overall Web Site Archive		
Webinar registrations	247	118
Registrations for secure access to archived webinars	17	3
E-Line technical assistance (questions submitted)	5	1

### **Top Hot Spots**

All areas of the site have been visited, but the following pages received the top number of views.

	Q2.07 (3 months)	Q3.07 (2 months)
Webinars	1,095	628
Homepage	627	178
Effective Energy Efficient Lighting webinar page	334	116

Library	344	80
Resources	296	107
Sustainable Energy Management webinar page	221	83
Combined Heat and Power webinar page	140	91

### **Webinar Series Update**

The MBTAC continued the webinar series targeting energy efficiency concepts and technologies within colleges and universities with two webinars broadcast in April and May.

### **Q2.07 Webinar Activity**

The first 2-hour interactive webinar of the 2<sup>nd</sup> Quarter 2007 was broadcast on Tuesday, April 10<sup>th</sup> and titled, “Effective Energy Efficient Lighting Opportunities and Strategies for Colleges and Universities.” The webinar topic was selected utilizing survey results from the initial survey prior to the webinar series and the follow-up surveys from the kickoff webinar on March 6<sup>th</sup>. Featured speakers, Dan Frering of the Lighting Research Center (LRC) at the Rensselaer Polytechnic Institute and Peter Brown of Energy Planning Associates, Inc., covered topics of effective energy efficient lighting opportunities and strategies of:

- How to assess current lighting conditions, diagnose potential lighting problems, and conduct a thorough lighting audit
- Recommended practices and important issues in lighting retrofits and redesign strategies for educational settings
- Simple “do's and don'ts” of lighting specification, selection, installation, and commissioning
- Tools to evaluate lighting technologies for quality, energy efficiency, and compatibility
- Latest and most efficient lamp, luminaire, and control technologies typically used in college and university settings
- Emerging energy efficient lighting technologies

Bios for the featured speakers are attached in Appendix B. A marketing brochure for the April 10<sup>th</sup> webinar is attached in Appendix C. Various organizations and associations assisted in marketing / advertising the webinar including. These organizations included, but were not limited to the eight Midwest state energy offices, the Society for College and University Planning (SCUP), the Association for the Advancement of Sustainability in Higher Education (AASHE), Illinois Board of Higher Education (IBHE), Illinois Community College Board (ICCB), and the Federation of Independent Illinois Colleges and Universities. A 100 word text only advertisement was submitted to SCUP for the SCUP Email News. The text only advertisement and the March 2007 SCUP Email News are attached in Appendix D.

131 participants attended this webinar with most attendees viewing the webinar via individual online locations. Two remote locations hosted viewings for larger audiences: Energy Resources Center and the Michigan State Energy Office. 39% of the webinar attendees represented education facilities. Michigan and Wisconsin provided the best representation from the Midwest states, representing 30% and 23% of the overall attendance. Audience participation was favorable as 22 questions were submitted by attendees. These questions were answered by the featured speakers in the Q&A session, which is also available on the MBTAC webinar page in text format. The presentations from the April 10<sup>th</sup> webinar are attached in Appendix E and can also be downloaded from the MBTAC Website located at <http://www.ecw.org/mwbuildings/webinar041007.php> in three formats:

- PPT Presentations Only in PDF format

- Audio Only (MP3)
- Streaming Audio/Video Presentations

The webinar page for the “Effective Energy Efficient Lighting Strategies and Opportunities for Colleges and Universities” also includes information on the speakers, the webinar agenda, the advertising brochure, and the transcript of the Q&A session. The webinar page is attached in Appendix F. A survey was constructed and submitted to the webinar participants following the webinar. 69 of the eligible 131 participants completed the survey representing a 53% response rate. The survey respondents were then issued a Certificate of Attendance for attending the webinar and completing a survey. The Certificate of Completion may be used for Continuing Education credits in professional certification programs. The survey report is attached in Appendix G. A sample Certificate of Completion is attached in Appendix H.

The second 2-hour interactive webinar of the 2<sup>nd</sup> Quarter 2007 was broadcast on Tuesday, May 22<sup>nd</sup> and titled , “Combined Heat and Power for Colleges and Universities.” The webinar topic was selected utilizing survey results from the initial webinar series survey and the follow-up surveys from the preceding two webinars. Featured speakers, John Cuttica of the Midwest CHP Application Center and Bill Liegois of Stanley Consultants, covered the following topics of combined heat and power:

- What is Combined Heat and Power?
- Why is CHP a good match for colleges and universities?
- What are the emerging drivers for CHP in colleges and universities?
- How do I screen my campus for CHP?
- What are the next steps to investigating CHP at my campus?
- What purchasing and leasing options are available for CHP?
- How are alternative fuels used in CHP systems?
- What Midwest colleges and universities are implementing and operating CHP applications today?

Bios for the featured speakers are attached in Appendix I. A marketing brochure for the May 22<sup>nd</sup> webinar is attached in Appendix J. Various organizations and associations assisted in marketing / advertising the webinar including. These organizations included, but were not limited to the eight Midwest state energy offices, the Midwest Association of Higher Education Facilities Officers (MAPP), Illinois Board of Higher Education (IBHE), Illinois Community College Board (ICCB), the Federation of Independent Illinois Colleges and Universities, the Midwest Cogeneration Association (MCA), and the Midwest CHP Application Center (MAC).

102 participants attended this webinar with most attendees viewing the webinar via individual online locations. Two remote locations hosted viewings for larger audiences: Energy Resources Center and the Michigan State Energy Office. 25% of the webinar attendees represented education facilities. Michigan and Illinois provided the best representation from the Midwest states, representing 35% and 25% of the overall attendance. Audience participation was favorable as 26 questions were submitted by attendees. These questions were answered by the featured speakers in the Q&A session, which is also available on the MBTAC webinar page in text format. The presentations from the May 22<sup>nd</sup> webinar are attached in Appendix K and can also be downloaded from the MBTAC Website located at <http://www.ecw.org/mwbuildings/webinar052207.php> in three formats:

- PPT Presentations Only in PDF format
- Audio Only (MP3)

- Streaming Audio/Video Presentations

The webinar page for the “Combined Heat and Power for Colleges and Universities” webinar also includes information on the speakers, the webinar agenda, the advertising brochure, and the transcript of the Q&A session. The webinar page is attached in Appendix L. A survey was constructed and submitted to the webinar participants following the webinar. 64 of the eligible 102 participants completed the survey representing a 62% response rate. The survey respondents were then issued a Certificate of Attendance for attending the webinar and completing a survey. The Certificate of Completion may be used for Continuing Education credits in professional certification programs. The survey report is attached in Appendix M. A sample Certificate of Completion is attached in Appendix N.

### **Q3.07 Webinar Activity**

The 2-hour interactive webinar of the 3<sup>rd</sup> Quarter 2007 was broadcast on Tuesday, July 24<sup>th</sup> and titled , “Utility Risk Management for Colleges and Universities.” The webinar topic was selected utilizing survey results from the initial survey prior to the webinar series and the follow-up surveys from first four webinars. Featured speakers, Mark Pruitt of the Energy Resources Center of the University of Illinois at Chicago and Nancy Moon of Moonlighting Consulting, covered topics of effective energy efficient lighting opportunities and strategies of:

- Why energy prices are so volatile
- How to analyze market price trends (short, medium, and long term)
- Managing risk in deregulated natural gas markets
- Best options available in regulated electric markets
- Managing risk in deregulated electric markets

Bios for the featured speakers are attached in Appendix O. A marketing brochure for the April 10<sup>th</sup> webinar is attached in Appendix P. Various organizations and associations assisted in marketing / advertising the webinar including. These organizations included, but were not limited to the eight Midwest state energy offices, the Society for College and University Planning (SCUP), Michigan State Energy Office, and the Illinois Board of Higher Education (IBHE), Illinois Community College Board (ICCB). A 50 word text only advertisement was submitted to SCUP for the SCUP Email News. The text only advertisement and the March 2007 SCUP Email News are attached in Appendix Q.

77 participants attended this webinar with most attendees viewing the webinar via individual online locations. Three remote locations hosted viewings for larger audiences: Michigan State Energy Office, Purdue University, and Northeastern Illinois University. 32% of the webinar attendees represented education facilities. Illinois and Michigan provided the best representation from the Midwest states, representing 36% and 29% of the overall attendance. Audience participation was favorable as 17 questions were submitted by attendees. These questions were answered by the featured speakers in the Q&A session, which is also available on the MBTAC webinar page in text format. The presentations from the July 24<sup>th</sup> webinar are attached in Appendix R and can also be downloaded from the MBTAC Website located at <http://www.ecw.org/mwbuildings/webinar072407.php> in three formats:

- PPT Presentations Only in PDF format
- Audio Only (MP3)
- Streaming Audio/Video Presentations

The webinar page for the “Utility Risk Management for Colleges and Universities” also includes information on the speakers, the webinar agenda, the advertising brochure, and the

transcript of the Q&A session. The webinar page is attached in Appendix S. A survey was developed and available for webinar participants to complete following the webinar. 36 of the 77 participants completed the survey representing a 47% response rate. The survey respondents were then issued a Certificate of Attendance for attending the webinar and completing a survey. The Certificate of Completion may be used for Continuing Education credits in professional certification programs. The survey report will be made available shortly in Appendix T. A sample Certificate of Completion is attached in Appendix U.

Following are the summary statistics for the three webinars in Q2.07 and Q3.07:

	April 10 <sup>th</sup>	May 22 <sup>nd</sup>	July 24 <sup>th</sup>
Speakers	<ul style="list-style-type: none"> <li>- John Cuttica, Energy Resources Center at the University of Illinois at Chicago (ERC/UIC)</li> <li>- Dan Frering, Lighting Research Center (LCR) of the Rensselaer Polytechnic Institute</li> <li>- Peter Brown, Energy Planning Associates Inc.</li> </ul>	<ul style="list-style-type: none"> <li>- Peggy Reins, Midwest Energy Efficiency Alliance (MEEA)</li> <li>- John Cuttica, Energy Resources Center at the University of Illinois at Chicago (ERC/UIC)</li> <li>- Bill Liegois, Stanley Consultants</li> </ul>	<ul style="list-style-type: none"> <li>- Tim Shireman (Michigan State Energy Office)</li> <li>- Mark Pruitt, Energy Resources Center at the University of Illinois at Chicago (ERC/UIC)</li> <li>- Nancy Moon, Moonlighting Consulting</li> </ul>
- Number of	131 attendees	102 attendees	77 attendees

Attendees - Pre-Registered - Non-Registered	133 pre-registered attendees 51 non-registered attendees	148 pre-registered attendees 35 non-registered attendees	63 pre-registered attendees 14 non-registered attendees
Remote Locations	- Michigan State Energy Office - Energy Center of Wisconsin	- Michigan State Energy Office - Energy Resources Center - Northeastern Illinois University	- Michigan State Energy Office - Purdue University - Northeastern Illinois University
Number of Pre-Registered	133 pre-registered	148 pre-registered	119 pre-registered
Number of Survey Responses	69 survey responses	64 survey responses	36 survey responses
Number of Certificates of Attendance Issued	65 certificates issued	58 certificates issued	43 certificates issued
Webinar Duration	2 hours	2 hours	2 hours
Number of Questions submitted for Q&A	22 questions	26 questions	17 questions
Archived Formats	- PPT Presentations (PDF format) - Audio Files (MP3 format) - Streaming Audio/Video Presentations	- PPT Presentations (PDF format) - Audio Files (MP3 format) - Streaming Audio/Video Presentations	- PPT Presentations (PDF format) - Audio Files (MP3 format) - Streaming Audio/Video Presentations
Advertising Partners	- State Energy Offices - Society of College and University Planning (SCUP) - Association of the Advancement of Sustainability in Higher Education (AASHE)	- State Energy Offices - Midwest Cogeneration Association (MCA) - Midwest CHP Application Center (MAC)	- State Energy Offices - Society of College and University Planning (SCUP) - Illinois Board of Higher Education

#### Attendance Breakout by Organization Type

Organization Type	April 10		May 22		July 24	
	Number of Attendees	Percentage of Total Attendance	Number of Attendees	Percentage of Total Attendance	Number of Attendees	Percentage of Total Attendance
Education	51	39%	26	25%	26	32%
Government	8	6%	13	13%	12	16%
Engineering	60	46%	50	49%	37	48%
Utility	6	5%	6	6%	0	4%
Architect	0	0%	0	0%	0	0%

Energy	0	0%	6	6%	0	0%
Other	0	0%	1	1%	0	0%
???	6	5%	0	0%	0	0%
Total	131		102		102	

Attendance Breakout by State

State	April 10		May 10		July 24	
	Number of Attendees	Percentage of Total Attendance	Number of Attendees	Percentage of Total Attendance	Number of Attendees	Percentage of Total Attendance
IL	21	16%	25	25%	28	36%
IN	5	4%	2	2%	1	1%
IA	3	2%	5	5%	5	6%
MI	39	30%	36	35%	22	29%
MN	4	3%	3	3%	5	6%
MS	4	3%	1	1%	4	5%
OH	9	7%	4	4%	5	6%
WI	30	23%	20	20%	4	5%
Other	1	1%	2	2%	1	1%
???	15	11%	4	4%	2	3%
Total	131		102		77	

Survey Feedback

	April 10	May 22	July 24	
Category	Score	Score	Score	Question
General	23	24	NA	Number of Repeat Attendees
			NA	
Responses to Webinar Satisfaction	91%	92%	NA	The presentation covered the issues I expected.
	87%	83%	NA	I learned something new.
	91%	92%	NA	The presenters were effective.
	87%	83%	NA	The Webinar was worth my time.
			NA	
Response to MBTAC Website Services	85%	93%	NA	Visit the library on the Midwest Buildings Technology Applications Center (MBTAC) website.
	83%	88%	NA	Use technical assistance (E-line) provided on the MBTAC website.
	89%	100%	NA	Check out other resources mentioned during this Webinar.
	98%	98%	NA	Discuss something I heard during the Webinar with a colleague, boss or client.
			NA	
Potential Webinar Topics	43%	50%	NA	Energy Efficient Laboratories
	37%	45%	NA	Lab Exhaust Heat Recovery
	61%	83%	NA	Sustainable Energy Design Case Studies
	50%	70%	NA	Funding Energy Projects
	61%	88%	NA	Renewable Energy Applications
	54%	70%	NA	Advanced HVAC Technology
	39%	58%	NA	Commissioning
	52%	NA	NA	Combined Heat and Power
	30%	65%	NA	Geothermal Heat Pumps
	41%	50%	NA	Purchasing Options for Electricity and Natural Gas

**Continued Review of Rebuild America Midwest Activities.**

The Energy Center of Wisconsin continued their online search and research effort to identify past and ongoing Rebuild activities within the Midwestern state. During the second quarter 2007, this activity has concentrated on adding additional information on sectors prioritized by the Advisory Committee including colleges and universities, k-12 schools, and commercial buildings. The Midwest State Energy Offices continued to provide information for completing this database which will subsequently be added to the Website.

**Establishing Program and Center Metrics.**

During the sixth project quarter the Center staff continued compiling a Center metrics, and to develop those metrics as a means to set priorities for the Center's management and/or evaluations.

### **Developing Project Profiles and Targeted Workshops**

During the sixth project quarter, project staff continued efforts to identify areas for development of targeted workshops. Previous discussions with the Advisory Committee and other staff at the State Energy Offices indicated that in-person workshops were often difficult to plan, and the time commitment for attendees often limited participation. While targeted workshops will still be held on a limited basis, web based training seminars and webinars will be the primary focus of this program.

Previously, staff also asked the State Energy Offices to provide successful Rebuild projects for development into project profiles. This activity continued during the second quarter 2007 and an outline for initial profiles citing successes in commercial and institutional market sectors was developed. Two page case studies will be developed providing clear and consistent information for outreach activities. The Advisory Committee approved the use of a format similar to one developed by the Midwest CHP Application Center. A modified draft prototype is attached in Appendix V.

The Center is in the process of developing 5 to 10 project profiles (two page case studies) highlighting recently implemented programs in commercial and/or institutional facilities that can be utilized as energy efficiency examples for follow-on outreach activities in these market sector. By developing a short series of these project profiles, various programs can be compared and analyzed using consistent, reliable, and accurate information (benefits and issues). Project Profiles in progress:

- Kalahari Resort and Convention Center, Wisconsin
- University City High School, Missouri
- Ridgewater College, Minnesota

Each project profile will differ in the type of technologies or programs implemented and the degree of information able to be collected. Therefore, the project profile template will remain flexible enough to accommodate to the various implemented programs yet still follow a similar template.

### **Plans for the Next Quarter**

During the next quarter much activity will continue to develop the Regional project "Energy Efficient Colleges and Universities" and other priorities identified by the Advisory Committee. The fifth webinar has been scheduled for October 23<sup>rd</sup> titled "Planning, Financing, and Implementing Renewable Energy Projects for Colleges and Universities" and will be broadcast from Oberlin College's Adam Joseph Lewis Center in Oberlin, Ohio. An advertising brochure for the October 23<sup>rd</sup> webinar is attached in Appendix W.

Staff will also continue to further identify and evaluate previous and ongoing rebuild and Building Technologies Program (BTP) activity both in the Midwest and throughout the Country. This effort will focus on identifying particular market sectors or program efforts that appear to be most relevant to the Midwest.

Staff will continue to work closely with the Advisory Committee to identify most conducive path to further expand the Midwest Regional Building Technologies Application Center efforts in the Midwest. The Website and Clearinghouse efforts will continue expansion.

Project profiles will continue to be developed and distributed. In addition, staff will explore other efforts to further publicize activities associated with the Center, US DOE Buildings Programs, and our State partners.

Finally the Center staff will expand work on Task II “Developing and Implementing Center Services.” This will include completing the structure of the Information Clearinghouse and refinement of the MBTAC Website for the Midwest.

In addition staff will continue to develop protocols and methodologies to improve the technical assistance portion of the project. This effort was initially targeted as a webbased effort. That effort will be continued but meetings with advisory committee indicated a need for additional technical assistance activities directly from program staff. During this quarter staff initiated efforts to improve this service and will seek additional advice from the Committee in the near future.