



## ZERO ENERGY COMMERCIAL BUILDINGS CONSORTIUM

### CHP, Multi-Building Systems, and Grid Integration Working Group

#### Zero Energy Commercial Buildings Consortium (CBC) Call Notes July 21, 2010; 12:00-1:00 pm EST

#### Participants

Abi Kallushi, ASE  
Steve Best, Auburn University  
Nick McLellan, JCI  
Bill Sisson, UTC  
Jeremy Polin, Epstein  
Garth Otto, NASEO

#### Key Conclusions

During the previous call, two assignments were given to working group members:

- Technologies survey (through the meeting minutes)
- Identifying key and more in-depth areas (asked participants to contribute)
  - Jeremy; NRC has a tool for CHP
  - Bill; another one in Chicago, and steam system in Milwaukee
  - Others: As described in the minutes of June 23 conference call

As our section deliverable draft is due to the report section leads by August 31, we will present and discuss the outline of our report section in the next call on August 4. This, in addition, to reviewing information contributions collected through the survey or in-depth summaries provided by the.

#### Next Steps

- Re-engage members with assignments:
  - Review survey questions to date - found under Member Action Items (<http://zeroenergycbc.org/workinggroups/chp.php>)
  - Submit your survey responses - <http://www.surveymonkey.com/s/DSLXXKZ>
  - Detailed write-ups (individual or subgroup), which Abi and Garth will collect
- The next call is scheduled for **Wednesday, August 4, 2010 at 12:00pm EST**
- Outline - Bill and Nick will provide

#### Meeting Minutes

- Bill: Nick to go over the very few contributions we've received to date.

During the last call on June 23, we had a great discussion around the framing questions. Direct Steve to the WG page to the documents under framing questions. Minutes from our kick-off call on April 16 also posted online.

We've put out a couple of tactics to try to build an information repository and have managed to adequately capture the level of discussion. We got into some broader questions about:

- CHP - going to get some input on members on different topics.
- MBS - fair amount of work and activities that we wanted to fold into our information repository.
- Grid Interconnectivity - different challenges here. We need to find the state of experiences we have here on smart grid and smart interconnectivity. Need to build up information base.

Reminder: while this may seem like a fairly deep dive to gather information, items that were under the larger scope of the CBC deliverable need to be put forward into a review of current and emerging technologies and practices that will move towards NZE. We also need more efficient ways to gather data, including:

- 1) Surveys
  - 2) Detailed write-ups (have come up primarily in conversation)
- Bill: encourage you Steve and Jeremy to go back to the WG site where you can see documents and remind us of what we said, what we talked about. Nick, take us through the limited number of contributions we've had to date.
    - Nick: responses we've received, most of them were CHP. Need more content on MBS and Grid Interconnectivity.