**Minutes**

**TC 7.6 Monitoring and Energy Performance Subcommittee**

Dallas, TX — Monday, June 24, 2013

Dennis Landsberg, Chair

1. The meeting was attended by **9** members of the TC, 3 corresponding members and 20 guests.

2. STANDARDS, Guidelines

a. Standard 100 update. Committee reviewing comments.

 b. Standard 105 update. In appeal.

c. Guideline 14 update. Reviewing comments.

e. Standard 211 Commercial Building Energy Audits - new standard - second meeting held this morning – developing text

f. TC 9.9 development of an energy standard for data centers- Std. 90.4.

3. Building EQ bEQ Update – on ASHRAE website

4. DASH – Bruce Hunn

* 1. We be convened with Aurora Sharrard of the Green Building Alliance, who is managing the development of DASH and its alpha testing
	2. She also gave a presentation on DASH in Seminar 7 on Sunday from 1:30-3:00).
	3. We had the DASH Working Group meeting in the same room following that subcommittee meeting.
1. 5. Superior Energy Performance – beta testing continues.
2. Standards and Guidelines:
	1. 90.1 or 90.2 issues.
	2. 62.1 or 62.2 issues.
	3. Small residential Energy Audit Standards ACCA-12 (2011) and BPI-1100-T-2012
	4. BPI is planning to release the first public review draft of BPI 1105, *Standard Practice for Multifamily Building Energy Auditing*, in late June or early July for comment.
	5. ORNL is planning to release ORNL-0270, *Technical Guidelines for Multifamily Building Energy Audits*, in September, for DOE (will have some implications for commercial audit guidelines, e.g., is the “Green Book” good enough?)
3. NYC energy benchmarking and reporting update.
4. Seattle, San Fran, Philly, and DC benchmarking updates. Chicago data available – google “City of Chicago Energy Data”
5. The Real Property Association of Canada has released a “2010 Energy Benchmarking Report” on office buildings in Canada. <http://c.ymcdn.com/sites/www.realpac.ca/resource/resmgr/energy_benchmarking/rpbenchmarkingreportsp05c.pdf>
6. 2009 RECS now has end-use energy data estimates, and the microdata have been finalized as of January 2013.
7. Saudi Arabia is planning to develop a CBECS-type survey and data base to provide a foundation for understanding the building stock there and be able to assess potential benefits of renewable energy, as well as improve building energy codes.
8. China has been implementing several EE efforts and is scoring national results based on energy use to GDP index and individual industrial plant results based on energy targets for the plant.
9. The ECEEE Summer Study on energy efficiency supposedly occurred in early June at Club Belambra "Les Criques" at Hyères France – anyone have any update?
10. In Europe, the BPIE has launched a “Data Hub for the Energy Performance of Buildings” at: http://www.buildingsdata.eu/
11. There is now a Global Buildings Performance Network (GBPN) at: http://www.gbpn.org/
12. The building energy rating entity (http://www.buildingrating.org/) is now supposedly a regional hub of the GBPN — the other data hub is the European one above, and somehow China and India are the other “regions”.
13. Florida just repealed their Renewable Fuel Standard
14. The European “buildings directive” was recast in 2010 [Energy Performance of Buildings Directive (EPBD, 2010/31/EU)] to require Member States to introduce minimum energy performance requirements for buildings, building elements and technical building systems, and set these requirements based on a cost-optimal methodology.  Methodology requirements have been promulgated, but they leave a wide degree of flexibility.  BPIE has now started reporting on cost-optimal methodologies and three reports are available at:  <http://bpie.eu/cost_optimal_methodology.html>
15. US oil and gas production is soaring. President Obama has proposed an “energy security trust” that will be aimed at burning more natural gas to displace coal and oil, while federal regulations currently lead to huge flaring of natural gas in North Dakota instead of delivering the gas for end use.
16. ORNL report on multifamily energy audits issued - the report number is ORNL-0297.
17. ANSI EESCC Begins Development of Energy Efficiency Standardization Roadmap
Working Groups [June-July Workshops in Washington, DC](http://www.ansi.org/news_publications/news_story.aspx?menuid=7&articleid=3622#.UcRx0dg5MuC); Stakeholder Organizations Invited to Join the EESCC’s Effort, New York May 15, 2013
18. Other new business.
	1. Convene Annex 61 under TC 7.6
	2. AIA 2030 Challenge – 75 million sf of space under the challenge.