

# GOVERNMENT OF THE DISTRICT OF COLUMBIA

## District Department of the Environment



### Green Building Advisory Council

**Meeting Date:** 10/2/2013

**Meeting Location:** DDOE, 1200 1<sup>st</sup> Street NW

**Attendees:** Bill Updike (DDOE), Patty Rose (Greenspace NCR), Marshall Duer-Balkind (DDOE), Dave Epley (DCRA), Cliff Majersik (IMT), Anica Landreneau (HOK), R. Denise Everson (DCHA), Beatrix Fields (DHCD), Beth Heider (Skanska), John Andreoni (IMT), Chris VanArsdale (Urban Energy Advisors), Laine Cidlowski (OP), Maribeth De Lorenzo (DHCD), Brendan Shane (DDOE), Sam Brooks (DGS)

### Main Points/Discussion:

### Introductions (All)

### Green Building Fund Grant Presentations

- ❖ Urban Heat Island Effect on Mortality (cooling can save lives—perhaps only a few per year in the District, but many more regionally even if just DC works hard to cool within the city limits)
  - Patty mentioned that health benefits might be more informative (there is some additional work being done on this with DGS and Greg Kats)
  - Anica had a question about wind speed and how it affected the results
  - Chris had a question about the costs to the city for the impacts of UHI
  - Brendan mentioned the integration with the study and the Climate Adaptation Plan
  - Beth had a question about the heat penalty
- ❖ Green Building Program Manual
  - Discussion on the need to make the roadmap live with links
  - Maribeth asked for a presentation on the GB Program Manual to DHCD
  - Anica mentioned the need for both web and hard copy versions and brief discussion on the PDRM backlogs
  - Cliff mentioned how some of DC's programs and incentives are somewhat duplicative
  - Beth mentioned that Maggie Comstock at USGBC is compiling national program and incentive analysis
- ❖ Zero Energy/Water, Living Building Challenge Cost Analysis
  - Anica mentioned a project that HOK worked on with Akridge where they looked at biofuels or fuel cells for onsite generation—one problem became the utility costs for the infrastructure (which PEPCO wouldn't commit to paying for)
  - Patty discussed the need for explaining the value to property owners
  - Cliff mentioned the need to focus on the energy outside of the building

- The Pratt Center at Cal Tech and utility analysis was discussed
- Sandy suggested that we focus first on deep energy efficiency and an ultra-low EUI for first incentive and ratchet up from there, and also discussed the challenge of the market and materials for LBC
- Sam and Cliff discussed the need to include a price on carbon (Bill suggested that because the first phase of the incentive will only probably last about 5 years, it may not be necessary in the short term given Congress' intransigence on the subject)
- Chris discussed the necessity of community scale solutions

## **Green Building Report Update**

- ❖ GBAC wanted to have one more shot at the Green Building Report
- ❖ Deadline for final GBAC comments is 10/11

## **Roundtable Updates**

- ❖ Sandy – working on final financing for net zero multifamily development in PA
- ❖ Patty – discussed Enterprise Green Retrofit project
- ❖ Maribeth – discussed DHCD projects
- ❖ Brendan – discussed SDC legislative package, including EVs, polystyrene ban, and community solar bill
- ❖ Sam – many updates:
  - Week from making wind power selection (46MW project in WV) – University of Chicago is using our solicitation documents
  - PEPCO interval data – and the creation of a school system wide energy savings competition
  - Creation of an ecodistrict in Congress Heights using a biomass district energy system
- ❖ Marshall – many updates:
  - Benchmarking enforcement update – because government shutdown Portfolio Manager was offline and so deadline was extended
  - Public disclosure of data is going to happen on the Build Smart DC site
  - PEPCO/DDOE are working with DOE on a data access accelerator
  - Data Access Bill – right now bill says you can aggregate 5 or more meters and upload to Portfolio Manager (no privacy issues), but what could be done is that PEPCO could give individual meter data for non-residential—would need to revise benchmarking regulations. Also need to discuss exemptions for vacancy (GBAC December meeting)
- ❖ Laine – Green Area Ratio in effect on 10/1, trainings coming up
- ❖ Beth – many updates:
  - District Energy Summit (which she is chairing) with be 4/1/14
  - EcoDistrict Summit coming to DC in Fall
  - Greenbuild coming to DC in 2015

- ❖ Cliff – many updates:
  - IMT worked with the Appraisal Institute to create a Guide for Green Building Appraisals that includes a 4-pager for developers
  - DOE continuing work on the SEED database
  - IMT created the Green Lease Library (greenleaselibrary.com) and unveiled at the Better Buildings Summit
- ❖ Kurt – discussed the upcoming C40/GCCA webinar and the stormwater retention credit webinar
- ❖ Dave – gave thanks for folks who participated in the Green Building Symposium and mentioned two new DCRA positions that he'll be hiring for
- ❖ Bill – mentioned the MOU between DCRA and DDOE for the Green Building Fund

**New/Continued Action Items:**

- ❖ Finalize green building report
- ❖ Do strawman proposal regarding change to Green Building Act.
- ❖ Issue Green Building Fund Grant RFA for FY14
- ❖ Create FY15 GB Fund Budget and begin prioritizing grant ideas
- ❖ Do presentation for DHCD on Green Building Program Manual and Green Construction Code

**Date for next meeting:** December 4, 2013

**Location for next meeting:** DDOE, 1200 1<sup>st</sup> Street NW, 5<sup>th</sup> Floor

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