

GOVERNMENT OF THE DISTRICT OF COLUMBIA
Department of Energy and Environment

Green Building Advisory Council

Meeting Date: 6/6/2018

Meeting Location: DOEE, 1200 1st Street NE

Attendees (In person): (**denotes members of the Green Building Advisory Council*)

Bryan Bomer (DCRA), Marshall Duer-Balkind (DOEE), Jenn Hatch (DOEE), Katherine Johnson (DOEE), Lamont Lee* (DHCD), Casey Studhalter (DOEE), Kehan DeSousa (DOEE), Ryan Snow (USGBC), Katie Bergfeld (DOEE), Fernando Arias (Clark Construction), David Cohan (IMT), Jennifer Swenson (Clark Construction), Paroma Chakrawarty (Clark Construction), Marc Nielson (DOEE), Alex Bonelli (DOEE), Carl Reeverts* (Ret. EPA), Maribeth DeLorenzo (DOEE), Anica Landreneau* (HOK), Cliff Majersik* (IMT), Zach Dobelbower* (DGS)

Main Points/Discussion:

- **Clean Energy DC Building Performance Recommendations**

Introductions (All)

New Member Swearing In:

- Swearing in of new members was postponed to the August meeting

Building Energy Performance Standard: *send presentation in email*

- Presentation and discussion of Building Energy Performance Standards (BEPS)
- Clean Energy DC recommends BEPS as an essential action to address energy use in existing buildings
- DOEE received technical assistance from Lawrence Berkeley National Laboratories (LBNL) through the support of C40 Cities to conduct analyses of potential regulations
- Analysis showed that majority of the savings comes from buildings over 50,000 square feet, especially offices and multifamily. Decreasing returns to including smaller buildings.
- The results of a potential BEPS is similar to the GHG savings called for from existing buildings policies in Clean Energy DC in 2032, showing that this would help to meet those goals.
- Proposed to provide a two-pronged approach to compliance, a prescriptive pathway with specific requirements or a performance option for those projects undergoing capital improvements.
- Need identified for clear exemptions to provide clarity to the market and avoid backlog in review body.
- Energy audits identified as valuable for the first year of compliance, but noted that projects should not be allowed to repeat an audit year after year without implementing the findings and making demonstrable improvement. Similarly, retrocommissioning could require that projects implement the cost effective findings, similar to LEED.
- Concern raised about staggering compliance periods to avoid SEU funding being exhausted from a wave of projects seeking to meet compliance deadlines at once. Concern also over limited supply of local workforce to supply services at once.
- Discussed benefit of releasing new building codes concurrently so that they can be coordinated.

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Roundtable Updates

- Lamont Lee, DHCD: They've been working with DCRA, etc to comply with green building requirements.
- Anica Landreneau, HOK: American Institute of Architect's event to discuss building codes scheduled for July 30th. DCRA, DOEE and others who were involved in the code update cycle are invited to attend. To be followed with an event in August focused on communicating and engaging around how buildings have changed to date. Also working on envisioning the future of codes for 2050 and beyond.
- Ryan Snow, USGBC: LEED v4.1 is big push, includes renewed focus on existing buildings. Call for proposals for broad comments [still open](#). Draft for O+M v4.1 is open and accepting Beta projects. Community solar event on June 23rd. Midsummer Night Green in July. LEED committee [call for volunteers](#) open through August 24th. Looking for people working at the nexus of equity and resilience for GreenBuild – [scholarships available](#).
- Marshall Duer-Balkind, DOEE: Working on new evaluation report for the DC SEU. Once CEDC comes out, any ideas for how to publicize it and get the word out would be greatly appreciated. Will try to send the draft building scorecard out for feedback.
- Bryan Bomer, DCRA: [Green Building Professional Seminar Series](#) has held two successful sessions – next is on June 29th on HVAC systems. Hope to expand it to 8 seminars next year. Growing the Green Building Division by 2 people, hopefully in the next few weeks.
- Katie Bergfeld, DOEE: April 2 was deadline for 2017 benchmarking data. Sent out far fewer Notices of Violation this year. Enforcement will begin soon with fines issued in the next month. Plan is to get the first batch of data for public disclosure in the coming weeks (map & raw data), which will continue to be updated as they get more data from enforcement. Starting to develop building scorecards with IMT and DC SEU that they could send to building owners – next step is pulling together some focus groups to give feedback on design. Plan is to implement next year.
- Zach Dobelbower, DGS: [Recognized by US DOE and LBNL](#) through Smart Energy Analytics Campaign as the largest portfolio in the US implementing smart building technologies – mostly smart meters feeding interval data like buildsmartdc.com. Fifty six buildings are going through Intelliweb to report performance. Energy Cap, a utility bill management system, should kick in fully in FY19 and help with forecasting, speed of delivering data. Working group this summer on energy service performance contracting to explore options. Developing use agreement for all client agencies with the goal of setting occupancy, schedules, programming, etc. to better understand how they're using the buildings and manage them more efficiently. Going through award process for a lighting IDIQ. Oxon Run: implementing a project on behalf of DOEE for community solar on a current brownfield to benefit approximately 300-400 local LIHEAP participants.
- Cliff Majersik, IMT: California had its first annual reporting deadline for commercial buildings on

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May 1st. New Jersey was 2nd state to require annual benchmarking – signed a week or so ago. Bloomberg Philanthropies just announced the American Cities Climate Challenge to provide funding and technical support to cities. Application will open in a couple weeks and due later this summer. Driving carbon savings to meet Paris commitment from buildings, energy & transportation. Funding for 20 cities, approximately \$2.5M over 2.5 years.

- Jenn Hatch, DOEE: Currently compiling DC climate inventory for 2014-2016.
- Carl Reeverts: Historic Preservation Guidelines – would be great to help spread the word on pushing historic buildings to meet higher energy performance and see what resources are available to get there. Particular focus on Eastern Market as an example of potential challenges with sustainability and renewable energy generation in historic structures. Need identified for relevant groups to coordinate.
- Kate Johnson, DOEE: Joined Steve Calcott to present the Historic Preservation Sustainability Guidelines at the Historic Preservation Review Board and spoke to the Capitol Hill Restoration Society. The deep green tools grant has been awarded and as those tools come together, we'd love feedback. And while we're waiting on the codes to come out for public comment, Casey Studhalter is interested in working with anyone who is interested on identifying the key stakeholders, key messages, etc. – please let Casey & Kate know.
- Marc Nielsen, DOEE: Green Bank passed first reading yesterday.
- Nicole, Councilmember Cheh: Would like some feedback on the Solar Ready Roofs bill.

Next Meeting:

The meeting adjourned at 5:00pm ET.

The next meeting will be:

August 1, 2018
Department of Energy & Environment
1200 First Street NE, 5th Floor