

GOVERNMENT OF THE DISTRICT OF COLUMBIA  
Department of Energy and Environment

## Green Building Advisory Council

**Meeting Date:** 4/3/2019

**Meeting Location:** DOEE, 1200 1<sup>st</sup> Street NE

**Attendees (In person):** Kate Johnson (DOEE)\*, Katie Bergfeld (DOEE), Anica Landreneau\* (HOK), Andrew Held (DOEE), Fernando Arias (Clark Construction), Nathan Kron (DOEE), Stephen Gyor\* (OP), Lamont Lee\* (DHCD), JoAnna Saunders (DOEE), Cliff Majersik\* (IMT), Mike Brown (DCRA), Kendra Wiley (DOEE), Jenn Hatch (DOEE), Seth Coan (Rocky Mountain Institute), Maribeth DeLorenzo (DOEE)

**Attendees (by phone):** Eugenia Gregorio\* (Tower Companies), Peter Vanderloo (Verizon), Michael Sandford (Verizon), Ki Wilson (Verizon), Mark Menzer (Danfoss), John Sheff (Danfoss)

(\*denotes members of the Green Building Advisory Council)

### Introductions (All)

#### Benchmarking Exemption Request - Nate Kron and Katie Bergfeld, DOEE

- Discussion regarding Verizon's request for exemption from compliance with the District's Building Energy Benchmarking program.
- In DOEE's legal opinion it is OK to have an entity disclose data to DOEE, but for DOEE to bind itself and not include that in a public disclosure.
- DOEE will write up the recommendation, send out for feedback.
- GBAC will make the recommendation to Director Wells, who will make the final decision.

#### DOEE non-wire alternatives work, including NoMA substation - Cliff Majersik, IMT

- For energy efficiency, first consider non-wire alternatives
- Much lower cost than investing in additional grid infrastructure, such as the proposed NoMA substation Pepco is planning to build.
- Case is still before the Public Service Commission but an example of how we can talk about averted cost on the grid side of demand side reduction.
- Could we calculate the impact of the CEDC Omnibus & BEPS in that vein?
- Next step: have Edward Yim give a presentation on this topic and look at how GBAC can advance green building with this in mind.

#### Benchmarking Reporting Initial Compliance Update, Automatic Reporting Pilot Update, New Branch: BPEB – Katie Bergfeld, Andrew Held, DOEE

- Clean Energy DC Omnibus Amendment Act became law March 22, 2019.
- New Branch: Katie is the new Chief for Building Performance & Enforcement Branch (BPEB) which will manage benchmarking & BEPS. Add staff FY20.
- Benchmarking Compliance: As of April 1<sup>st</sup> deadline, had ~82% submission rate and are in the process of verifying for completeness and accuracy, then send out non-compliance notices and

# GOVERNMENT OF THE DISTRICT OF COLUMBIA

## Department of Energy and Environment

fines.

- This is the first year using automatic reporting (13% of reporters used it); 55% of those reports have been verified for completeness & accuracy. Old submission option is still available and will phase out.
- BEPS Taskforce update: Can start October 1, 2019 but in the meantime, we're collecting names and can convene an interested working/advisory group.
- Will pull together good renovation case studies (20-25% energy improvement/reduction) that could be shared as the group starts engagement. DOEE needs names of project AND a good point of contact to tell us what they did and the outcomes.
- Do a stakeholder roundtable for BEPS at Design DC conference September 16<sup>th</sup>-18<sup>th</sup>? Anica offered to serve as a liaison.
- ACCC Climate Advisor joining DOEE will assist with implementing BEPS.

### DCRA Updates

- Net-Zero Program: Working with the first group of townhomes at Walter Reed, very close to net-zero.
  - Pilot with DC SEU – Identify projects that are targeting net-zero and couple financial incentives with expedited permit process. Any other incentives stakeholders would like to see?
  - Clarification on SEU incentives would be helpful for designers and developers.
  - DC SEU has committed to providing \$10,000 per project for up to 10 projects pursuing net-zero performance as part of their innovation fund.
- Construction Code: Building Codes are out for review. Hope they are finalized by the end of the calendar year.
- Solar: Almost at 1000 permits for this fiscal year (1300 last FY)
  - Tesla has asked to meet with DCRA to outline an expedited process for the residential Powerwall.

### Green Building Grants Update:

- Net-Zero Energy Project Design Assistance Grant: DOEE is requesting applications for funding from building project teams seeking to achieve net-zero energy. These competitive grants will provide up to \$20,000 to support early design assistance such as a net-zero energy design charrette, iterative energy modeling, on-site renewable energy opportunity analysis, early engagement with a commissioning agent, or lifecycle cost analysis. RFA was released on March 29<sup>th</sup>. Application deadline is May 1<sup>st</sup>. Info session April 11<sup>th</sup> @ 1pm in conference room 512 of DOEE building (1200 First Street, NE). RFA available at <https://doee.dc.gov/node/1394781>.
- Carbon Neutrality Strategy grant was just awarded to a team lead by Integral group. The grantees will assist DOEE with strategy development to meet Mayor's commitment to be carbon neutral by 2050. Will engage the GBAC as it progresses.

- Includes tackling the waste sector. Complete strategy by end of 2020.

High-Performance Building Hub: Comes out of the work that the delegation from DC to Copenhagen saw and really wants to replicate BLOXHUB, a Nordic hub for sustainable urbanization. DC's hub is meant to be a space where the industry & government can meet to discuss high performance buildings.

- RFA to be released soon.

# GOVERNMENT OF THE DISTRICT OF COLUMBIA

## Department of Energy and Environment

- New York City Building Energy Exchange is another example.

### Roundtable Updates

- **Katie Bergfeld (DOEE)** – Will create scorecards for building owners this summer to help give them an idea of where they fall within their building type.
- **Fernando Arias (Clark Construction)** – Wants to hear about DOEE’s research on geothermal when ready to share; still looking into construction & demolition waste – site visits to transfer stations coming up in May.
  - Mike Brown (DCRA): they find that closing out the waste recycling requirements is a significant challenge for construction managers.
- **Lamont Lee (DCHD)** – Offered to do a presentation for GBAC and touchpoints to green building, and as a way to get ideas for new ways to do more to promote and encourage green building.
- **Kate Johnson (DOEE)** – 2 projects in DHCD funded project list who pursued & got preference points for net-zero.
- **Seth Coan (RMI)** – Kicking off project with NREL & DOE focused on grid-integrated buildings and renewables + storage + efficiency in looking at best practices and business models; forthcoming report on their work with GSA on demand response.
- **Cliff Majersik (IMT)** - DC SEU’s latest annual report is out and they exceeded all their goals, which is their best performance to date.
  - NYC is working on a building energy retrofit law that they’re hoping to put out by Earth Day – will look different but be similar in goals to BEPS.
- **Stephen Gyor (OP)**
  - Zoning Commission hearing on community solar was April 1st. DOEE testified and the Mayor filed a letter. Commissioners still had some concerns based on community feedback so they have kept the record open and are accepting additional comments. GBAC members invited to submit comments.
  - Sustainable DC 2.0 is in final design & editing and plan is to release around Earth Day.
- **JoAnna Saunders (DOEE)** – Green Building Report for 2017 is coming soon.
- **Kendra Wiley (DOEE)** – DOEE will be part of the ICC Model Codes Development process and vote in November.
  - Green Bank launch plans are moving forward, hope to have Board of Directors confirmed in early May.
- **Mark Menzer (Danfoss):** Danish company provides technology used in HVAC and heating/cooling systems. They work with the Copenhagen hub quite a lot.

The meeting adjourned at 5:09pm ET.

The next meeting will be:

**June 5, 2019**

**Department of Energy & Environment**

**1200 First Street NE, 5<sup>th</sup> Floor**