

GOVERNMENT OF THE DISTRICT OF COLUMBIA
Department of Energy and Environment

Green Building Advisory Council

Meeting Date: 10/07/20

Meeting Location: Online - Bluejeans

Attendees (all by Bluejeans/phone): Kate Johnson (DOEE)*, Michael Brown (DCRA), Fernando Arias (Clark Construction)*, Anica Landreneau (HOK)*, Cliff Majersik (IMT)*, Stephanie Plummer (Mom's Clean Air Force)*, Mark Bryan (USGBC-NCR), Jenn Hatch (DOEE), Sharon Jaye (NRDC/DOEE), Casey Studhalter (DOEE), Sean Fish (Steven Winter Associates), Katie Bergfeld (DOEE), Jay Wilson (DOEE), Kathleen Berube (DOEE), Maribeth Delorenzo (DOEE), Vinicio Linares (DOEE)

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

Administrative Items - Kate Johnson, DOEE

- Roll call of Green Building Advisory Council Meeting
- Overview of the agenda
- Thank you for joining
- Link to watch the Sustainable DC Awards: <https://youtu.be/mgnWK4mnRfk>

Green Building Act Exemption Request Follow Up – Sean Fish, Steven Winter Associates

- Follow up on the request submitted on behalf of developer of the LAMB Public Charter School (5000 14th St NW)
- Utilizing the phased approach suggested by GBAC and DCRA, the updated energy model indicates that the project will be able to meet the LEED Gold requirement
- Since no formal exemption request was filed, there are no follow up actions
- LEED credits effected by the BZA decision making process were presented to GBAC

Green Building and COVID 19 Discussion Recap – Fernando Arias, Clark Construction

- Breakout group met to discuss the role of the GBAC in the COVID-19 recovery effort
- Consensus that the GBAC could provide information/guidance on maximizing health and energy efficiency
- The breakout group should determine if it can add anything new to the ReOpen DC conversation and how information should be distributed
- District Economic Recovery Team (DERT) is conducting economic analysis on COVID, and may be a good body to coordinate efforts with
- All District agencies can post information on the ReOpen DC webpage
- Breakout group will reconvene in 2 weeks and discuss next steps

Links Shared:

<https://www.imt.org/resources/optimizing-sustainability-wellness-a-guide-for-managing-office-buildings-during-covid-19/>

<https://doee.dc.gov/event/covid-19-and-building-readiness-hear-experts>

1441 L St NW Presentation – Timothy Blanche S.C. Herman & Associates

- Completed in June 2019, the completed commercial property features an EUI of 19
- The innovation of the project is largely centered around the 100% fresh air system, which features a DOAS system and energy recovery wheel
- The design of the outdoor air delivery system maximizes energy efficient, health and tenant comfort
- Building was designed to deliver 3-4 times the outdoor air as required by code
- Broke the paradigm that increased outdoor air increases energy consumption
- In response to COVID 19 the building utilizes UV light, MERV 15 filters and outdoor air
- S.C. Herman and Associates plans to apply the 100% outdoor air concept to a residential building next – which will be the first of its kind

Links Shared:

<https://neea.org/our-work/very-high-efficiency-doas-requirements#:~:text=Very%20High%20Efficiency%20DOAS%20for%20Commercial%20Building%20System%20Requirements%20and%20Recommendations&text=Building%20on%20the%20DOAS%20concept,efficiency%20and%20optimized%20system%20design>

Green Building Fund Grants – Kate Johnson, DOEE

- DOEE and DCRA are still determining the final amounts, it will likely be around \$300,000 for FY21
- Two projects are continuing funding; work with IMT and the HUB and Integral's work on the Carbon Neutrality Strategy
- DOEE would like to continue to offer multiple \$20,000 Net Zero Design Assistance grants, but this time with an added focus on innovative topics such as embodied carbon and electrification
- DOEE will be partnering with DCRA to focus on Green Entrepreneurship grants
- DOEE and DCRA will present final Green Building Fund budgets to the GBAC at the December 2020 meeting
- Renewed interest was expressed in conducting a survey to assess DCRA's green code enforcement – DCRA will look into bringing on a DCSEU extern to assist in this effort

Carbon Neutrality Focus Groups – Jenn Hatch, DOEE

- DOEE conducted 3 overviews of the Carbon Neutrality Strategy and 6 focus groups. Focus group topics included affordability, new construction & embodied carbon, efficiency, and electrification
- The focus groups were the start of ongoing conversations on carbon neutrality and have already led to follow up discussions, for example around district energy systems
- Key findings included the importance of; new code development, funding and financing, education and training and behavior changes

- DOEE will publish a story map of the strategy as a next step

Links Shared:

Carbon Neutrality Sessions Recording and Slides: <https://doee.dc.gov/service/climate-change>

Clean Energy DC Act, Building Energy Performance Standard (BEPS) Update – *Katie Bergfeld, DOEE*

- Work with the taskforce continues
- Draft rules are working their way through DOEE's internal process
- Following this, they will go out to the public for a 60-day comment period
- Steven Winter Associates continues to work on the Cost Benefit Analysis
- Building owners can continue to apply for free data verification services
- Benchmarking reached a 96% compliance rate this year, credited to additional staff and the capacity to follow up in a more meaningful way
- No Energy Score Cards to be sent out this year to avoid confusion with the upcoming BEPS

Round Table Updates:

Mike Brown, DCRA: DCRA is hiring for a few positions:

https://careers.dc.gov/psp/erecruit/EMPLOYEE/HRMS/c/HRS_HRAM_FL.HRS_CG_SEARCH_FL.GBL?Page=HRS_APP_JBPST_FL&Action=U&FOCUS=Applicant&SiteId=1&JobOpeningId=11333&PostingSeq=1

https://careers.dc.gov/psp/erecruit/EMPLOYEE/HRMS/c/HRS_HRAM_FL.HRS_CG_SEARCH_FL.GBL?Page=HRS_APP_JBPST_FL&Action=U&FOCUS=Applicant&SiteId=1&JobOpeningId=11167&PostingSeq=1

Casey Studhalter, DOEE: A merged copy of the 2017 Building, Energy and Green Construction Codes is now available on the DCRA website: <https://dcra.dc.gov/page/dc-construction-codes>. DOEE continues to offer limited outreach around the codes to promote awareness

The meeting adjourned at 4:55 pm

The next meeting will be:

December 2, 2020 and will be virtual