

# BEPSDC Task Force

July 21, 2020



@DOEE\_DC  
#BEPSDC

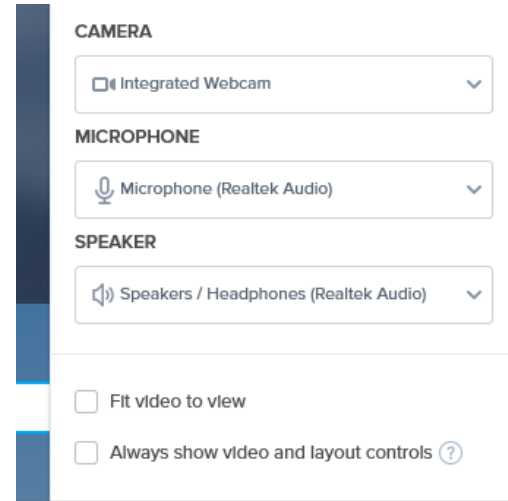
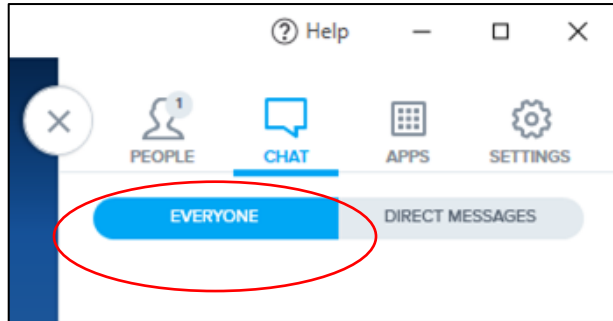
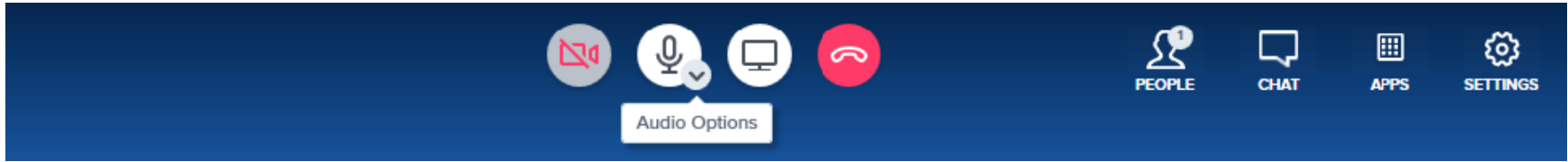
\*\*\* DEPARTMENT  
OF ENERGY &  
ENVIRONMENT  
GOVERNMENT OF THE DISTRICT OF COLUMBIA

WE ARE  
WASHINGTON  
DC GOVERNMENT OF THE  
DISTRICT OF COLUMBIA  
MURIEL BOWSER, MAYOR

# ONLINE MEETING ETIQUETTE

- The meeting is being recorded and will be posted to our website
- Questions and Comments throughout the meeting:
  - All attendees will control their own mute function but could be muted by the facilitator due to background noise
  - Task Force Members – can comment at any time
  - Non-Task Force Members - please use the chat box to request to talk
- Attendance
  - Non-Task Force Member – please use the chat box at this time to register your name, organization and email to “sign in”
  - Task Force Members - roll call (will also use this for voting)

# BLUEJEANS TOUR

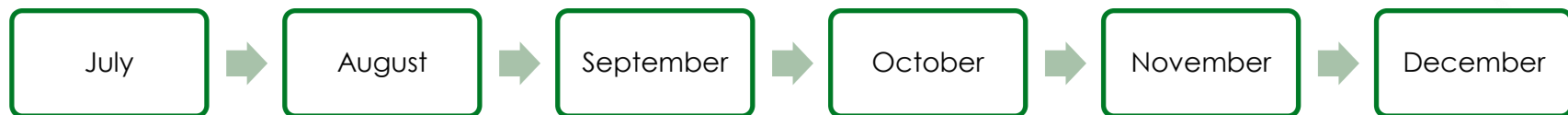


# ROLE OF TASK FORCE



- Advise DOE on creation of an implementation plan for the Building Energy Performance Program;
  - Recommend amendments to proposed regulations issued by DOE;
  - Recommend complementary programs or policies.
- 
- If topic needs in-depth discussion, anyone can suggest moving to a committee
  - This is an open meeting - everyone is allowed to participate

# OVERALL SCHEDULE



## Future Agenda Items for Discussion/Feedback

- Task Force Report
- Cost/Benefit Study (prescriptive path)
- Guidance Documents (alternative comp. path, campuses, reporting/verification, etc.)
- Hub/Green Bank/DCSEU feedback sessions
- Disclosure of BEPS data

# AGENDA



- Administrative Items
- Sub-committee update
- High-performance Building Hub
- BEPS Disclosure of Data
- Cost/Benefit Study Update
- Announcements





# HIGHER ED/HOSPITAL SUB-COMMITTEE UPDATE

- First Meeting – July 15
- 25 Attendees!
- Sub-committee charge and needed technical recommendations
- Background Information
  - Higher Education and Hospitals in DC
  - Historical preservation
  - Zoning – Campus Master Plans
  - Definition of campuses
  - Applicable BEPS rules
- Next Meeting – July 29

# HIGH-PERFORMANCE BUILDING HUB

**Goal:** Develop resources and services that directly address barriers in DC's commercial real estate market that hinder the pursuit of high-performance buildings.

**Timeline:** Launch Fall 2020

## Resource Highlights:

- Regulation (BEPS and code) basics
- Funding/Financing Map
- Procurement Guide
- O&M Best Practices Manual
- Where Health & Wellness meet Building Performance
- Green Leasing for BEPS
- What do we do (vs. DCSEU, vs. DOEE, etc.)



# HPBH LAUNCH RESOURCES



## For Launch - Planned Resources Specific to BEPS

- BEPS Basics
- Common errors in benchmarking
- How to use your benchmarking data
- Where Code meets BEPS
- Defining BEPS targets in new projects

**What other resources would  
you like the Hub have for  
BEPS at launch?**

# HPBH COORDINATION



## After Launch - Resources Specific to BEPS

- Interactive BEPS
- Infographics

**What resources should the Hub have about BEPS after rule-making?**

**How can the Hub coordinate and amplify when final rules/standards are released?**

**What complimentary resources/info. would you like the Hub to produce or promote at that time?**



# HPBH ASSISTANCE & PROMOTION



## Task Force Assistance:

- In the process of developing marketing strategy – help us spread the word!
- Provide feedback on resources (be honest with us)
- Let us know what other resources or services we can deliver or what other gaps we should fill?

Lindsey Falasca, Director, [lindsey.falasca@imt.org](mailto:lindsey.falasca@imt.org)  
Sign up for updates at [imt.org/hub](http://imt.org/hub)

# DISCLOSURE OF BEPS INFORMATION

**Issue:** Legislation does not mention disclosure of BEPS data, but the topic has surfaced multiple times in TF discussion

**DOEE Plans:** New database/portal with public-facing website in process. Feedback today will help us shape the portal/website.

- What's available now in benchmarking disclosure?
- What are the potential BEPS data points that could be disclosed?
- What are the potential use cases for the new data points?
- Would the tool be where the building owner can go to check their status (public vs. private)?
- Where else can we integrate data?

# BENCHMARKING DISCLOSURE CODE

(i) The owner or a designee of the owner shall annually benchmark the building using the Energy Star® Portfolio Manager benchmarking tool; and

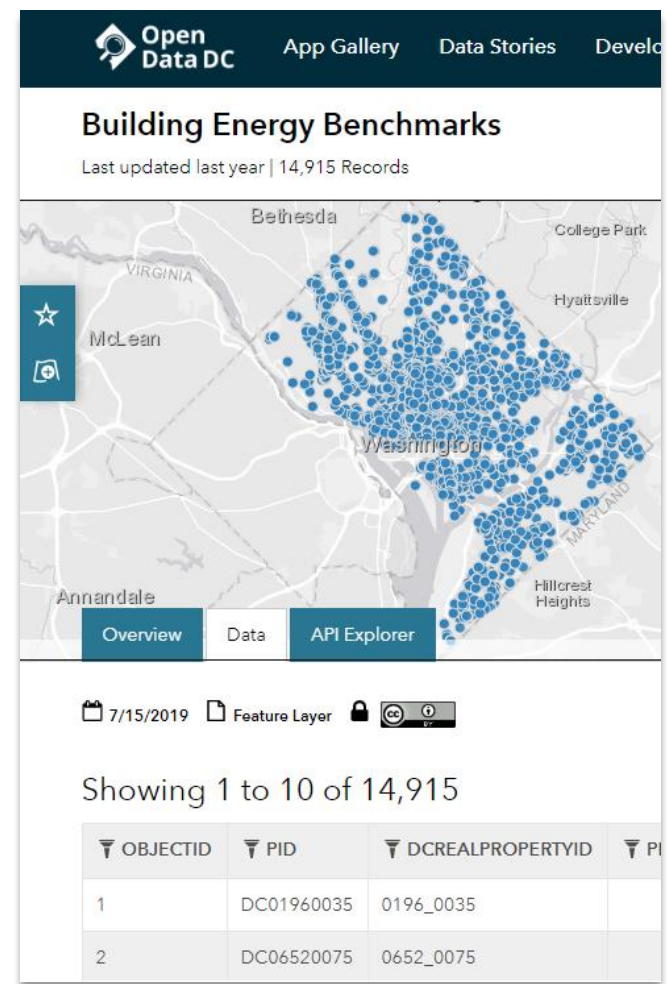
(ii)(I) Benchmark and Energy Star® statements of energy performance for each building shall be made available to DOEE by April 1 of the respective following year.

(II) Upon receipt, DOEE shall make the benchmark and Energy Star® statements available to the public via an online database accessible through the DOEE website.

<https://code.dccouncil.us/dc/council/code/sections/6-1451.03.html#>

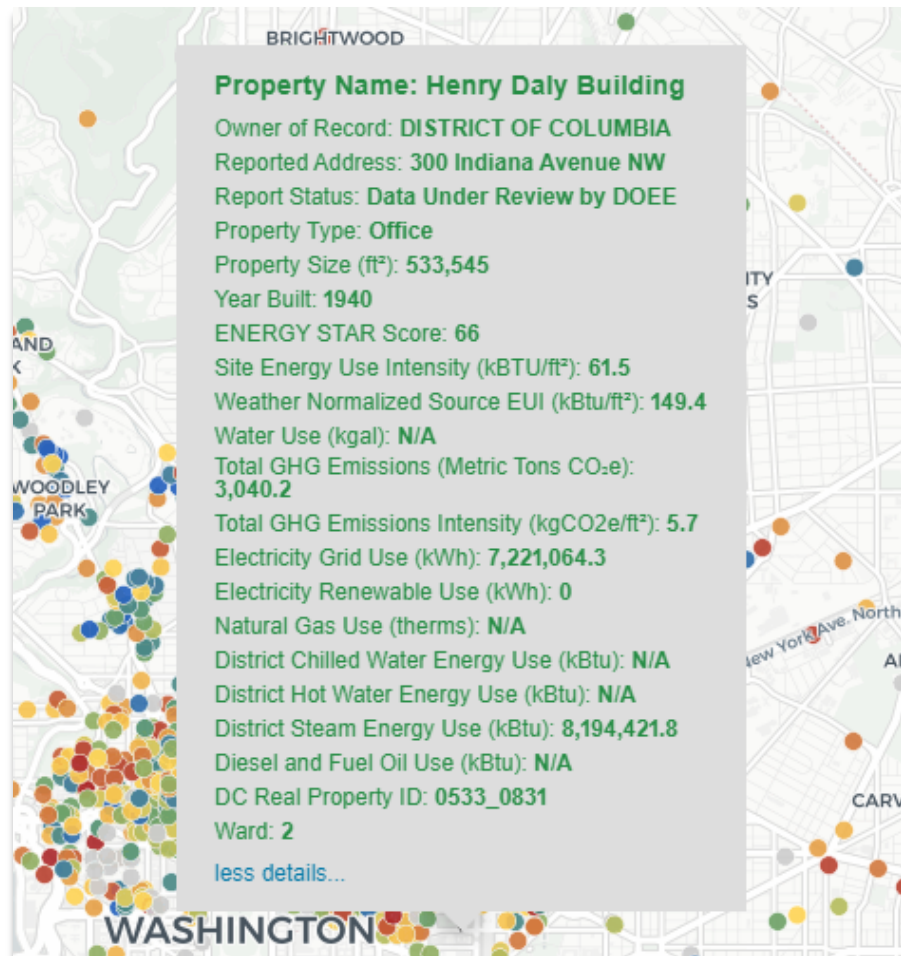
# CURRENT DISCLOSURE OF DATA

- Data sets disclosed on [DC Open Data](#)
  - ~ as one file with multiple years (10 yrs.)
  - ~15,000 reports in disclosure
- Disclosing 70 fields, including:
  - Tax Record information
  - Reported Property Information
  - Annual Energy Perf. Metrics (Score, EUI, etc.)
  - Annual Water Performance Metrics
  - Annual Fuel use data
  - Monthly Electricity/Natural Gas data
  - Locational data
- Data is refreshed automatically each week



# VISUALIZATION OF DATA

- Data visualized on [Energy Benchmark DC Map](#)
- Data is refreshed automatically each week
- 2012 – 2019 available on map



# MAP FILTERS AND TOOLS

## BUILDING COMPARISON

ENERGY ST... ▾ ×

AVERAGES BASED ON RANGES SET IN FILTERS

AVERAGE

71

1120 VERMONT AVENUE NW  
Office



100

425 EYE  
Office

99

1050 THOMAS JEFFERSON STREET NW  
Office

98

GSA: 300 E STREET SW  
Office

97

## Top Level Searches:

- Building Address
- Ward
- Property Type
- Report Status

## METRIC FILTERS

RESET ALL

Select a metric to see filtered results on the map

Property Information ▾

Energy Use ▾

Water Use ▾

Energy Performance Metrics ▲

### ENERGY STAR Score

MORE INFO ▶



### Site Energy Use Intensity

MORE INFO ▶



### Source Energy Use Intensity

MORE INFO ▶



Greenhouse Gas Emissions ▾





# POTENTIAL BEPS DATA DISCLOSURE POINTS

Bulleted items  
added as  
part of live  
brainstorming  
activity

- Could get from current disclosure but not easily accessed
  - Public? If the property meets BEPS? Yes or no
  - Public? EUI targets?
  - Public? Starting alternative payment level?
  - Public? % EUI from BEPS threshold
  - Public? Baseline 2018-2019 score or EUI – starting 20 ES, ending score?
  - Map improvement – filters and overall savings over time
  - Trends over time? (mostly new acquisitions?)
- New items that have to do with owner decisions during compliance
  - New - Compliance Pathway selected?
  - New - Points/measures taken for Prescriptive Path?
  - New? - Current alternative payment level (based on progress)?
  - New - Cost of improvements

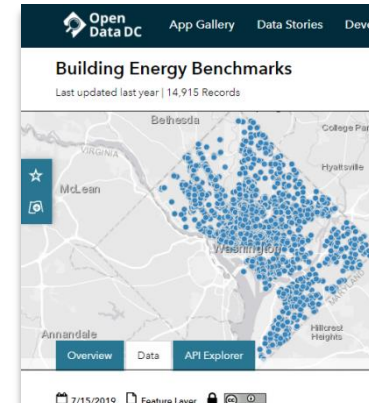
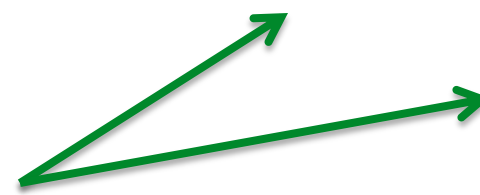
# POTENTIAL USE CASES FOR NEW DATA?

Bulleted items  
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activity

- Scorecards
- Connection with technical assistance
- Energy service providers using for business dev't
- Architects check on how their buildings are performing
- Analyze data at portfolio level for performance on incentives and rebates
- Corporate social responsibility report for manager's bldgs
- Tenants looking at data for realty choices
- Developers using comparable buildings for RFP language
- Associations using it to tailor outreach their members
- Baking information into CoStar
- Status of existing buildings and status of new acquisition (investment grade information?)
- Building owners to search for similar bldgs. And examine compliance paths? Matchmaking service?
- Compliance report for buildings that are changing ownership?

# PUBLIC VS. PRIVATE?

- Owners would be able to view BEPS compliance status but not the public; **or**
- Anyone would be able to view a building's status but would have to log on to a site; **or**
- Data is publicly disclosed along with the benchmarking data



Showing 1 to 10 of 14,915 records

OBJECTID	PID	DISTRICT
1	DC01960035	0196
2	DC06520075	0652



# WHERE ELSE SHOULD WE INTEGRATE DATA?

- DCSEU
- Green Bank
- DCRA - SCOUT
- Hub
- CoStar
- MLS listings?

Bulleted items  
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brainstorming  
activity

# COST/BENEFIT STUDY UPDATE

- Market segmentation analysis
- Identifying model properties
- Education strategy goal setting session



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WASHINGTON

**nbi** new buildings  
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# NEW MONTHLY WEBINAR

DOEE hosting a live [monthly webinar](#) to update the public on the progress of BEPS (and associated programs) implementation

- Basic explanation of BEPS (for new attendees)
- Task Force update (topics that were discussed that month)
- Timeline update (outlook for next 5-6 months)
- Benchmarking update (data verification?)
- DCSEU/Green Bank/Hub updates
- “What you can do now”
- Q&A

July 30  
August 27  
Sept 24  
Oct 29  
Dec 10

# TASK FORCE REPORT FRAMEWORK



- Executive Summary of Recommendations
- Topic-Specific Outline with:
  - Summary of Topic
  - TF Recommendations and Outcomes
  - Analysis and Discussion
  - Meetings Discussed

# NEXT MEETING



**August 4, 2:30 – 4:30pm**

- Sub-committee update
- Cost/Benefit Study Discussion?
- Alternative Compliance Path Criteria?





# ANNOUNCEMENTS

