



Building Performance Improvement Board

10/16/2024

Learn more at <https://www.montgomerycountymd.gov/green/energy/beps.html>

Agenda

- **Admin Items**
- **CY 2023 Energy Benchmarking Report**
- **New Public Data Tools**
 - **Benchmarking / Building Performance Map**
 - **Target Look-Up Tool**
- **County / State Benchmarking Guidance**



Administrative Items

Actions

- Approve 9/18 meeting notes



CY 2023 Energy Benchmarking Report

Annual Benchmarking Report

Annual report required. By October 1 of each year, the Director must submit a benchmarking and building performance report to the County Executive and County Council. The report must review and evaluate energy efficiency in covered buildings.


Latest report available online at <https://bit.ly/MCbenchmarkingCY2023>

About Energy Benchmarking

[Montgomery County's Benchmarking Law](#) requires certain building owners to capture and report whole-building energy use annually using [ENERGY STAR Portfolio Manager](#). Published each year, benchmarking results help to deepen our understanding of energy consumption patterns, identify energy saving opportunities within building types and portfolios, and manage business bottom lines through consistent data collection and tracking.

In addition to this report highlighting calendar year 2023 results and trends, raw [datasets](#) for 2023 and all prior years are available online for further exploration ([DEP Disclosed Data and Reports](#)).

In 2024, multifamily buildings from 25,000 - 250,000 gross square feet (Group 5) began reporting for the first time. Note, however, that individually attributable reported benchmarking information from the first calendar year that a covered building is required to benchmark is not disclosed in this report or in the Disclosed Data spreadsheet, per the benchmarking law requirements. Thus, Group 5 buildings are not included individually in the Calendar Year 2023 disclosure but their data are included as aggregated summary statistics in this report.



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Introduction	What's new?	Overview	2023 Compliance	Reporting Rates Over Time	Performance Snapshot	Performance Over Time	Multifamily Properties	County Owned Buildings	Planning for County BEPS	Planning for State BEPS
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New Public Data Tools

Benchmarking / Energy Performance Map

Now available at <https://mcbeps.org/>

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Montgomery County
Building Energy Performance Map

ENERGY STAR
PortfolioManager®

About Benchmarking About Building Energy Performance Standards

Benchmarking Reporting Portal Performance Requirements Look Up Tool

Filter Covered Buildings

Define the filters to show the desired covered buildings

Search

Search by Address or MBID or Name

Reporting Year

2024

Primary Property Type

All Property Types

Benchmarking Group

All Benchmarking Groups

Data Shown on Map

Benchmarking Compliance Status

View Comparison

Energy Performance Metrics

Site Energy Use Intensity (Site EUI) (kBtu/ft²)

Benchmarking Compliance Status

- In Compliance
- Pending Revisions
- Not Submitted
- Waived

Target Look-Up Tool

Now available at <https://target-finder.mcbeps.org/> or by clicking “View Performance Requirements” on any building in the map.

Planning to add more context on Performance Standard table to add latest NN EUI and “meeting” or “not meeting” interim / final standard.

Building Info

Building ID: 03671170
Building Name: Three White Flint
Street Address: 11601 Landsdown St
Building Size (reported building GFA): 385,453.0
Benchmarking Group: Group 1

Largest Property Uses:
1st : Office
2nd : Parking
3rd : Data Center

Current Benchmarking for 03671170

Current Status: (submitted on 05/29/2024)

0 Flag(s)

BENCHMARKING STATUS	NORMALIZED NET SITE EUI	REPORTED GFA	REPORTED ELECTRICITY (KWH)	REPORTED NATURAL GAS (KBTU)	DIRECT GHG EMISSIONS INTENSITY (KGCO2E/FT ²)	DIRECT GHG EMISSIONS (METRIC TONS CO2E)
In Compliance	60.3	385,453	6,268,612	827,947.8	0.1	44.0

Baseline

Each building's performance baseline is the average of the 2 complete years with the highest normalized net site EUI (NN site EUI) over that building's baseline period. Reports that are "pending revisions" are not included in the baseline. The baseline below is calculated based on available data but will not be final until the end of the baseline period.

Baseline Period (reporting year): 2019 - 2023

Baseline (NN site EUI): 65.25

REPORTING YEAR	BENCHMARKING STATUS	NN SITE EUI	REPORTED GFA	REPORTED ELECTRICITY (KWH)	REPORTED NATURAL GAS (KBTU)	DIRECT GHG EMISSIONS INTENSITY (KGCO2E/FT ²)	DIRECT GHG EMISSIONS (METRIC TONS CO2E)
2019	Not Submitted	N/A	N/A	N/A	N/A	N/A	N/A
2020	In Compliance	68.9	385,453	7,455,934	1,261,843.2	0.2	67
2021	In Compliance	61.6	385,453	6,630,128	804,750.9	0.1	42.7
2022	In Compliance	60.9	385,453	6,475,333	1,199,125.7	0.2	63.7
2023	In Compliance	60	385,453	6,448,956	994,129.7	0.1	52.8

Montgomery County Performance Standard

The targets displayed below are preliminary based on the EUI standards [proposed in regulations](#) and will not be final until the regulations are approved by County Council.

STANDARD	REPORTING YEAR	EUI
Baseline	2019 - 2023	65.25
Interim Standard	2029	65.4
Final Standard	2034	65.4



County / State Benchmarking Guidance

MDE Soliciting Feedback on Benchmarking Guidance

- MDE holding a series of Benchmarking and Reporting Working Group Sessions
- Sign up [here](#) for the BEPS informational sessions.
- Reviewing [Draft Guidance for Benchmarking in ENERGY STAR Portfolio Manager](#).
- MDE welcomes your constructive feedback on how to make this Draft Benchmarking Guide more helpful for all BEPS covered building owners. If you're interested in providing feedback on the draft guidance, please complete this [form](#).

New Resource: Draft MDE Statewide BEPS and Montgomery County DEP Benchmarking Alignment Guidance

- New guidance on MDE / DEP benchmarking:
https://mde.maryland.gov/programs/air/ClimateChange/Documents/MoCo%20%20MDE%20Guidance_2024-10-07_for%20working%20group.pdf
- MDE seeking feedback on this guide by November 8, 2024 using this [form](#).