

OFFICE OF Sustainability

Informational Webinar

Please introduce yourself in the chat!



How to report utility data to the City of Detroit

Zahra Seblini Senior Energy Analyst March 12, 2025 Benchmarking Building Webinar



Agenda

- Introductions
- Why Benchmarking
- Detroit Benchmarking Overview
- What is ENERGY STAR and Portfolio Manager
 - How to Set Up ESPM Account
 - How to Set Up Building Profile(s)
 - How to Obtain Building ID(s)
 - How to Share Portfolio, Data with City
- How to access utility data
 - Automating data uploads
- How to manually input utility data into ESPM Account

Today's Speaker



ZAHRA SEBLINI

City of Detroit

Senior Energy Analyst

OFFICE OF Sustainability





Feedback

Glossan

Addressing Climate Change in Detroit

Introduction

Detroit Climate Strategy

→ The City of Detroit's Climate Strategy is a framework for residents, businesses, city departments, and industry to achieve the City's emission goals and increase resilience as climate change impacts our daily lives. This website provides interactive navigation to explore 4 action strategies centered on reducing our greenhouse gas emissions, and adapting to the effects of climate change.

This strategy was developed collaboratively between the Office of Sustainability, City departments, consulting partners, input from community engagements and informed by the Climate Equity Advisory Council (CEAC). This work supports existing efforts, including the City's, and responds to the Sustainability Action Agenda which was published in 2019 and updated in 2021.

November 2023:

- City Published the Detroit Climate Strategy
- City Council unanimously approved the Benchmarking Ordinance.

Four Strategies

- **1. Transitioning to Clean Energy**
- 2. Increasing Sustainable Mobility
- **3. Accelerating Energy Efficiency** and Reducing Waste
 - 4. Prioritizing Vulnerable Residents & Increase Resiliency

Purpose



- GHG Reduction goals
- Buildings are the largest portion of GHG in Detroit.
- Benchmarking enables us to manage and reduce energy and water usage.
- Reducing energy usage, reduces GHG emissions.

Benchmarking: EPA Case study

SAMPLE DATA



What is Benchmarking?

Benchmarking is a way to track the energy and water that a building uses and compare the resulting performance metrics against past performance and the performance of similar buildings. It's about turning information into action.

BENCHMARKING ORDINANCE

Report your ELECTRIC, GAS, and WATER data to the City of Detroit via Energy Start Portfolio.

ALL BUILDINGS 25,000 SQFT SQUARE FEET AND GREATER





www.Detroitmi.gov/benchmarking



- Help Desk home: <u>Benchmarking Help Desk (smartsheet.com)</u>
- Inquiries: <u>Benchmarking@detroitmi.gov</u>
- Virtual Office Hours: <u>Benchmarking: Virtual Office Hours (office365.com)</u>

What is ENERGY STAR?

- Created by the EPA in 1992 to provide resources and tools for businesses and households manage and improve their energy use
- More than 700 utilities, state and local government, and nonprofits use ENERGY STAR in their efficiency programs



https://www.energystar.gov/about/origins mission/energy star numbers

What is ENERGY STAR Portfolio Manager?



- A free online tool from the EPA that helps building managers:
 - Assess energy, water and waste/materials consumption
 - Track changes over time
 - 1-100 ENERGY STAR score

Why use ESPM?

- Measure energy, water and waste performance over time
- Set improvement goals to reduce usage
- Share and report performance to others (and certify!)



ENERGY STAR Portfolio Manager Tutorial

Using Portfolio Manager

- How to Create a Personal Account
- How to Create a Building Profile
- How to Enter Utility Data
- How to Share Data
- How to Run Reports



Create an Account Create your personal profile/account

ENERGY STAF	o Manager [®]	Help Login Language: <u>English Français Español</u>
Create an Acc	ount	Already have an account? Sign In Here
Accessing Your A	ccount	i Selecting a Username
Username:	*	You cannot change your user ame, so choose wisely. For organizations with multiple properties, we
Password:	Create a password that is at least 8 characters long and includes at least three of the following: lowercase letters, numbers, and/or special the following is lowercase letters.	recommend you create a "corp rate" account which "owns" all of the properties and firm an administrator share properties with employees' insuridual accounts as necessary.
Confirm Password:	characters (such as ', #, %, etc.).	
About Yourself	*	First & Last Name for Organizations
Last Name:	•	your organization's name in the first and last name fields in order to make it easier for other Portfolio Manager users to find your organization. Example: First Name: Company ABC, Last Name: Web Services Division
Job Title:	•	
Email:	•	
Confirm Email:	* Note: We never share your email address with third parties.	
Phone:	•	
Country:	* Select Country ~	
Language:	English 🗸	
Reporting Units:	 Conventional EPA Units (e.g., kBtu/ft²) Metric Units (e.g., GJ/m²) 	

Selecting a Username

You cannot change your username, so choose wisely. For organizations with multiple properties, we recommend you create a "corporate" account which "owns" all of the properties and have an administrator share properties with employees' individual accounts as necessary.

Navigating Portfolio Manager

Four Portfolio Level Tabs



Roadmap Overview



Add a Property Select a Primary Function

• More than 50% of the property's purpose



Welcome LiputIMM: Account | Notifications | ENERGY
U | Contacts | Help | Sign
Settings
STAR
Out
Notifications

Set up a Property: Let's Get Started!

Properties come in all shapes and sizes, from a leased space in a large office building, to a K-12 school with a pool, to a large medical complex with lots of buildings. Since there are so many choices, Portfolio Manager can walk you through getting your property up and running. When you're done, you'll be ready to start monitoring your energy usage and pursue recognition!



Add a Property

- Your Property's Buildings: Select One: My property is a single building
- Your Property's Construction Status: **Existing**
- Then click "Get Started"

Set up a Property: Let's Get Started!

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Add a Property

- Basic Property Information
 - Name building something anyone would recognize as this building
 - "Gross Floor Area" includes all square footage inside the walls of a property (this is different from Rentable and Leasable SF)
 - Review the options at the bottom and select if any apply to your property; parking is commonly selected if a property has on-site parking (a surface lot or garage)

Name:		The name you choose for your proper does not have to be unique. But, it ma make it easier for you to work with
Country:	Select 🗸	properties in your portfolio if you do no use the same (or similar) names.
Street Address:		• • • • • • • • • • • • • • •
City/Municipality:	*	
County:		
State/Province:	* Select •	
Postal Code:	*	
Year Built:	*	
Gross Floor Area:	Sq. Ft. ✓ ☐ Temporary Value Gross Floor Area (GFA) is the total property floor area, measured from the principal exterior surfaces of the building(s). Do not include parking. <u>Details on what to include</u> .	
Irrigated Area:	Sq. Ft. 🗸	Tip The property photo that you upload he
Occupancy:	* Select V %	can be used on the <u>Registry of ENER</u> <u>STAR Qualified Buildings</u> if you subm the photo with your application for
Property Photo	Choose File No file chosen	ENERGY STAR certification. Once a
(optional).	Select an image file on your computer with the format type of .jpg, .jpeg, .png or .gif, photos will be resized to fit a space of 2.78 inches wide x 2 inches tall.	application, it cannot be changed until the next time that the property receive ENERGY STAR certification.
Do any of th	nese apply?	
My property	y's energy consumption includes parking areas	
My property	y has a Data Center that requires a constant power load of 75 kW or more	
My property	y has one or more retail stores (that are eligible for a Retail score)	
My property	v has one or more restaurants/cafeterias	

<u>Cance</u>

Data Characteristics

Industrial example

- Since there are many different types of Manufacturing/Industrial Plants, there is a <u>required use</u> <u>detail</u> for Plant Type and Plant Subtype
- Nearly two dozen industrial plant types can earn ENERGY STAR certification in <u>a tool outside of</u> <u>Portfolio Manager</u>. Go to: <u>www.energystar.gov/epis</u> for details on how to use the "Energy Performance Indicators" (EPIs) to receive an ENERGY STAR score and see how a plant's energy performance compares to plants with similar characteristics.
- Industrial plant types <u>eligible</u> for ENERGY STAR certification:
 - Auto Assembly; Auto Engine; Auto Transmission; Cement; Commercial Bread & Roll; Container Glass; Cookie & Cracker; Distilled Spirits Plant; Flat Glass; Frozen Fried Potato Processing; Fluid Milk Processing; Integrated Paper Mill; Integrated Steel Plant; Juice Processing; Metal Casting; Aluminum; Iron; Nitrogenous Fertilizer; Petroleum Refining; Pharmaceutical; Pulp Mill; Wet Corn Milling

Data Characteristics

Industrial example

- The following information is **required** for basic metrics:
 - Gross Floor Area
- The following information is **optional** and not included in any metrics:
 - Weekly Operating Hours
 - <u>Number of Workers on Main Shift</u>
 - O Number of Computers

Add a Property: Secondary Use Types

- EPA recommends you enter as few Property Uses as possible
- Consider adding if the secondary type is more than 25% of GFA or has significantly different operating hours
- Spaces typically found in multifamily properties, such as gyms, community rooms and small retail establishments (less than 5,000 sf) do not need to be broken out and should be included in the "multifamily housing" Gross Floor Area

https://www.energystar.gov/buildings/toolsand-resources/list-portfolio-managerproperty-types-definitions-and-use-details Add Another Type of Use

~

V Multifamily Housing Use // Edit Name

Multifamily Housing refers to residential properties that contain two or more residential living units. These properties may include low-rise buildings (1-4 stories), mid-rise buildings (5-9 stories), or high-rise buildings (10+ stories). Multifamily housing may consist of a single building or multiple co-located buildings that act as a single property or <u>campus</u> (such as a garden apartment community). Occupants of these buildings may include tenants, cooperators, and/or individual owners.

Gross Floor Area should include all space within the building(s), including but not limited to living units (occupied and unoccupied units), interior common areas (e.g. lobbies, offices, community rooms, restrooms, common kitchens, fitness rooms, indoor pools), hallways, stairwells, elevator shafts, connecting corridors between buildings, storage areas, and mechanical space such as a boiler room. GFA should include all buildings that are part of the multifamily property, including any separate management offices or other buildings that may not contain living units. Open air stairwells, breezeways, and other similar areas that are not fully-enclosed should not be included in the GFA.

To be eligible for an ENERGY STAR score and certification in the US:

- 2 units or more per building
- · 20 units or more per property/campus
- At least 80% occupancy
- Communities of single-family homes are not eligible. If your property is a mix of multifamily and single-family homes, the property would still be eligible as
 long as the single-family homes are less than 25% of the total GFA. Combine the single-family home GFA with the Multifamily property use.

To be eligible for an ENERGY STAR score and certification in Canada:

- · 2 units or more per building
- · Each building in the property must be either:
 - · 4 or more storeys above ground, or
 - · have a horizontal footprint greater than 600 m2 measured between exterior walls and firewalls
- A common entrance for each building in the property
- At least 80% occupancy
- . If buildings on a property do not meet the above definitions, they must be excluded from certification

Property Use Detail	Value	Current As Of	Temporary Value
😭 Gross Floor Area	* Sq. Ft. v	1/1/1954	
★ Total Number of Residential Living Units	Use a default	1/1/1954	
☆ Number of Residential Living Units in a Low- rise Building (1-4 stories)	Use a default	1/1/1954	
☆ Number of Residential Living Units in a Mid- rise Building (5-9 stories)	Use a default	1/1/1954	
Number of Residential Living Units in a High- rise Building (10 or more stories)	Use a default	1/1/1954	
★ Number of Bedrooms	Use a default	1/1/1954	

Add Detroit Building ID

- 1. Find your Detroit Building ID using the look up tool.
- 2. Add the Detroit Building ID to your building's Energy Star Portfolio Manager Profile.





Standard IDs

Standard IDs are typically used in data collection, including by most state and local governments with benchmarking laws. If your property is covered by a benchmarking law, you probably need to fill this in. See this FAQ if you need help finding your Standard ID.

Standard ID - City/Town:



Click the need help button!



Connecting your Energy Star Portfolio Manager Profile to the City

Connect to the City

 Connect to <u>Detroit Benchmarking Reporting</u> in Energy Star

2. Share buildings and meters

Connect with an Existing User for Sharing							
Search using any of the criteria below.							
Name:	Detroit Benchmarking Reporting]					
Organization:	City of Detroit]					
Username:	DetroitSustainability]					
Email:	Benchmarking@detroitmi.gov]					
		Search Cancel					

MyPortfolio	Sharing	Reporting	Recog	nition
М	y Shared Prop	erties	Sha	ring Noti
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	data		21	Electric (
	ownload Sharing F	Report		

Overview of Shared Properties Learn more about Sharing Pro

Sharing Properties

- Share properties with others to allow them to view or edit data
- Before you can Share a Property, need to add Contacts

ENER ENERGY STAR	GY STAR® rtfolio	Manag	er®	Welcome LiputMM: Account Notifications ENERGY Contacts Helt Sign Settings STAR Notifications
MyPortfolio	Sharing	Reporting	Recognition	
My Sha	Shared Prop (0)	erties ss to)	Sharing Notification	ons (0) ications.
Sha Service Dov	a Property are with your Util Provider for exe data vnload Sharing R	lity or changing Report	More About Sharing No properties are cur you want to allow oth about it (e.g. property an organization who about exchanging dat	rently shared between you and <u>your contacts</u> . Sharing can be helpful if er people to view your property or help maintain or update information v use details or meter data). You may also want to consider sharing with exchanges data to automatically update your meter information. <u>Learn more</u> ta.

Add a Contact

- Click "Contacts" in the upper right-hand corner of the screen
- Click "Add New Contacts/Connections"
- Search the "Username" box for **DetroitSustainability**
- Select "Connect" to send a connection request



There are two ways to add a contact. First, search below to see if the contact you would like to add has a Portfolio Manager account. If you find the person, send a Connection Request, and when they accept the request, they will be added to your Contacts. Second, if the contact you would like to add does not have a Portfolio Manager account, then you can create an entry within your personal contacts.

	Connect with an Exis	ting User for Sharing	Connecting with Other Users
	Search using any of the criter	ia below.	If you think your contact already has an account in
	Name:		person, send a Connection Request, and if they accept
	Organization:		share your property information with your contacts.
(Username:		Keeping Information for Non- Portfolio Manager Users
	Email:		If the person you want to add does not have a Portfolio Manager account and does NOT need one, you can still add their information to your account. Sometimes you
		Search Cancel	need to add a contact name that doesn't have a Portfolio Manager account to a report or certification application (ex: Signatory, Property Owner).

Accept a Contact

- A notification will pop up for your new contact in their "Incoming Requests"
- Once a contact has accepted the request to connect, you can share properties

ENERGY STAR® PortfolioManager®			Welcome LiputMM:	Account Notifications Settings	E ERGY C PTAR Notifications	Contacts Help Sign Out	
MyPortfolio	Sharing	Reporting	Recognition				
View All	Notificatio	ons (0)					
Incoming Re	quests (0)	Outgoing Requests	(0) Notices	(0)			
You have no ir	ncoming request r	notifications.					

Share a Property

- Select the properties to share
- Select DetroitSustainability to share with from your Contacts list

ENER PO	GY STAR® rtfolio	Vlanag	er®	Welcome	LiputMM: Account Settings	Notifications	ENERGY Contacts F STAR Notifications	lelp Sign Out
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				because I am doing a single share OR I my share requests).	want to choose the same per	mission for all of		

Share a Property

- Select "Bulk Sharing (Simple Option)"
- Select "Exchange Data Full Access "
- Select "Authorize Exchange"

Choose Permissions

If you only need to choose one permission (because you are giving the same permissions for all your shares), you can choose that permission here. Otherwise, you may assign different permissions for different properties and/or contacts on the next screen.

- Bulk Sharing (Simple Option) I want to give all my properties and meters the same permissions
 - Exchange Data Full Access (with full access to all properties and meters)
 - Exchange Data Read Only Access (with read only access to all properties and meters)
 - Exchange Data Custom Access (customized access by meter type, such as electricity and gas, for all properties)
 - Remove Access (i.e. remove existing access to all properties)
- Personalized Sharing ("Custom Orders") I want to give different permissions for each property and/or meter.



Share a Property Select Sharing Permissions

- Select "Exchange Data" for each property. A pop-up window will appear. Specify data attributes and permissions for each property.
- Select "Full Access" for "Property Information" and "All Meter Information"
- Select "None" for "Goals, Improvements, & Checklists" and "Recognition"

Select the permission level below that you would like to grant VOP Benchmarking Team for each category.

Item	None	Read Only Access	Full Access		
Property Information	0	۲	0		
V All Meter Information	NoneRead Only AcOImage: Second sec				
Energy Meters					
District Hot Water	0	۲	0		
Electric Grid Meter	0	۲	0		
Goals, Improvements, & Checklists	0	۲	0		
Recognition	۲		0		

Share a Property Permissions Continued

- Select "No" for "Share Forward"
- Click "Apply Selections & Authorize Exchange"
- Once you've completed Exchange Data access for each property, click "Share Property(ies)"

Additional Options:



Accessing Utility Data

Accessing your Electric and Gas Data



Methods of accessing your DTE data					
Track 1	Direct Request	Contact your DTE Account manager or Customer Service	Free		
Track 2	Bills	Access your bills on the DTE site	Free		
	Become a member of	Enroll your building in the DTE Data hub			
Track 3	^{rack 3} 203 ^w DISTRICT [®]	Enroll your building in a premium membership with Detroit 2030 District	Paid		

DTE Energy Data Hub enrollment

- 1. Become a Member of the Detroit 2030 District
 - Single Building Enrollment Form
- 2. Submit Enrollment and Consent Forms
 - Once you are a Detroit 2030 District Member, you may enroll your buildings into the <u>DTE Energy Data Hub</u>

For landlords --

- 3. Collect Consent Forms (less than 5 tenants)
 - If building is tenant occupied and has fewer than 5 tenants, have tenant fill out consent form and send

to <a>ENERGYPARTNERSHIP_Account@dteenergy.com

A more detailed guide is available: DTE Energy Data Hub guide

Accessing your Natural Gas Data



Option 1	Direct Request	Contact your Constellation Representative or Customer Care <u>gascustomercare@constellation.com</u> to Request your Usage Data	Free
Option 2	Direct Access	Access your invoices and customizable Usage reports via our on-line portal https://energymanager.constellation.com	Free
Option 3	Utility Bill Management	Constellation will streamline data collection for all your utilities for ENERGY STAR Portfolio annual reporting .	Included in fee-based service

How to Activate Your Account



Activate Your Energy Manager Account and Profile

Constellation's web-based customer service platform, Energy Manager, puts energy management at your fingertips 24/7. Follow these simple instructions to activate your Energy Manager account and profile.

Visit energymanager.constellation.com.

- Click on "New users, Sign Up here."
- Enter your email address in the space provided. This will be your login ID.
- For security purposes, we will send a verification code to your email. Enter the code to proceed to the next step.
- 5 Follow the prompts to create your password and enter your contact information. A profile has now been created.



How to Activate Your Account

Constellation.

- Help us **locate the accounts** you want to see by providing one of the following in the applicable space:
 - Utility Account Number, Customer Number, BG/RG Number or Invoice Number, along with the ZIP Code of any of your facilities serviced by Constellation.
 - Need more time to gather this information? Not a problem; we have already created your profile. You can close the browser and return to Energy Manager when you have the information you need. Simply log in to Energy Manager with your email and recentlycreated password. You will be able to continue where you left off.
 - If you need assistance completing the registration process, click on the "Need Help" button and provide information to enable one of our customer care agents to locate your account. You will receive a response within 72 hours.
- 7 Verify your account. The website displays your account along with service addresses served by Constellation. You can choose the locations you would like to add to your profile.
 - Read and accept the terms and privacy notice.
- You're all set—you can now use Energy Manager to review invoices, pay bills and run reports.

ow will you use Energy Man	ager?		
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Usage Report via Online Customer Portal

Constellation. America's energy choice		Logged in as: e49988@constellation.com Last Login: 11/20/2024 9:54:31 AM ET Notifications Menu	
There are 29 high active constraint(s) for facilities you manag	e	<u>View Constraints</u>	
GAS USAGE	GAS POSITION	GAS OTHER	
Gas Usage Summary	Managed Portfolio Commodity Summary	Update Gas Nominations	
Gas Usage Reports	All Position Reports	Heating Degree Days	
5 Year Monthly History		Historical NYMEX Settlements	
Cost Summary		NYMEX Pricing Data	
Gas Billing Summary		Usage And Storage Analysis (USA) Report	
		Cost And Planning Analysis	
		Meter Detail Report	









Understanding your utility bills can be time-consuming, costly, and challenging. The Constellation Navigator Utility Bill Management Platform (UBM) gives you the power to take control and turn your utility data into one of your most valuable assets, proactively managing utility costs and developing strategies to optimize spend across the entire billing and payment lifecycle.

The UBM Platform can also help generate energy insights by enabling you to:

- Streamline and reduce operating costs with aggregated utility usage and spend data.
- Combine bill data across multiple utility providers into a common format and standardized categories for simpler analysis of charges and usage values through automated data ingestion.
- Ask direct questions based on your data. No need for specialized training or waiting to have customized reports created. The UBM Platform provides a genuinely intuitive user experience and sophisticated energy intelligence.
- Create an all-encompassing utility expense profile from your utility bill data across all locations in one place.
 Capture every line item and description to build comprehensive secure online views of your data.

- Generate powerful and detailed reports and analytics that allow you to see energy data by line item, meter, location and/or cluster of locations to detect errors, highlight areas for improvement, and easily benchmark your buildings.
- Identify anomalies, deliver actionable insights, and model predictive behaviors through the platform.
- Capture high quality and detailed data and enable data analysis on a granular level, allowing for the creation of customized reports.
- Make secure payments through Bill Pay with automated, accurate record keeping.

A comprehensive solution for the entire billing and payment lifecycle.

The Constellation Navigator Utility Bill Management Platform (UBM) simplifies the day-to-day challenges of managing energy, water, electricity, gas, sewer, fuel or any other utility for which a business receives an invoice. Automatic bill entry We ingest bills automatically fro

We ingest bills automatically from regular mail, email or utility login, then our Al-based system turns all bills into digital data.

Turn bills into powerful insights

The UBM Platform unifies your data, identifies insights, audits bills BEFORE you pay them, and simplifies your internal processes.

Leverage customizable analytics reports, alerts, and tools

Our dynamic reporting tools give you the analytics and oversight you need to track and manage cost and usage without needing added time and resources.

Secure payment solutions

We pay your utility bills with automated, accurate record keeping.

Analytics & Insights

Manually managing the reporting, auditing and payments for businesses with robust utility footprints can be so complex that valuable insights are often overlooked.

- Dig into usage, charges, and costs for a comprehensive view
- Benchmark buildings, utilities and vendors to identify where to prioritize energy efficiency or cost cutting efforts
- · Evaluate weather sensitivity to help with energy purchasing decisions
- Find patterns of missing or late bills to help get to the root of an issue with a vendor



Accessing your Water Usage Data



Water & Sewerage Department

To fill out the form, you need:

- Account Number
- Meter Number
- Copy of water bill
- Detroit Building ID associated with your property
- Consent to share data through ESPM

Fill out this Water Data Automation Request Form

tinyurl.com/WATERBENCH

LINK: tinyurl.com/WATERBENCH



DWSD Automated Water Data Request form: Energy Star Portfolio Manager

This form is to submit a request for automating water data to be uploaded to a building's Energy Star Portfolio Manager (ESPM) profile, to help in compliance with the Building Energy and Water Benchmarking Ordinance, <u>ORDINANCE NO.</u> 2023-42 Chapter 8 Article 15.

This ordinance, passed unanimously by Detroit City Council in November 2023, requires buildings with over 25,000 square feet of space to report their energy and water usage to the City annually. Buildings over 100k square feet are required to report by October 1st, 2024.

Compliance to this ordinance can be completed in these steps:

- 1. Creating an Energy Star Portfolio Manager (ESPM) Account
- 2. Accessing your building's utility data and uploading it to ESPM.
- 3. Connecting to Detroit Benchmarking Reporting in ESPM.
- 4. Sharing your properties with Detroit Benchmarking Reporting in ESPM

To learn more and access our benchmarking FAQs and resource guide, please visit the following site: <u>Detroitmi.gov/benchmarking</u>

1	
Account #1	
Meter Serial N	lumber 1
Please enter y Detroit. * https://oos-be	our Building Identification Number assigned to you by the City of nchmarking-buildings.vercel.app/
Please enter y Detroit. * https://oos-be	our Building Identification Number assigned to you by the City of nchmarking-buildings.vercel.app/ a copy of your Water Bill(s) for account verification. *
Please enter y Detroit. * https://oos-be	our Building Identification Number assigned to you by the City of <pre>nchmarking-buildings.vercel.app/ a copy of your Water Bill(s) for account verification. * Drag and drop files here or browse files</pre>
Please enter y Detroit. * https://oos-be	rour Building Identification Number assigned to you by the City of <u>nchmarking-buildings.vercel.app/</u> a copy of your Water Bill(s) for account verification. * Drag and drop files here or browse files o for an Energy Star Portfolio Manager account and input my Building

Standards for Water Data Automation

Do	Don't
 Upload a copy of the water bill Make sure the Detroit Building ID in the form and in Energy Star are identical 	 Create a meter in the building's ESPM account We will add a meter when we automate the water data upload
 Share your building in Energy Star Portfolio Manager Before you fill out the Water Data Automation Form 	

Accessing your Steam Data

Collect information from your bill:

- Building address
- Account Number
- Year reporting



e-mail your request with your information

reporting@detroitthermal.com

Manual Meter Data Entry

Add Meters for each fuel type



Add Meter Information

Select Energy Source(s)



Add Meter Information

- Create Meters
 - Meter name something that identifies the meter
 - Units check the bill (likely kWh, therms)
 - Date meter became active must be the start date of the first bill entered



Entering Data Uploading Data

- Make sure end dates and sta dates do not overlap (it is ok for them to be the same date
- Need 1 full year of data
- Common errors include:
 - Misaligned dates
 - Missing data

Click the "+" to manually add entries

Upload a spreadsheet using a template



STAR Notifications

Mon	thly Entries						
				Disp	lay Year(s):	Show All Years ×	
	Start Date	End Date	Usage kWh (thousand Watt-hours)	Total Cost (\$)	Estimation	Demand (kW)	Demand Cost
		.					
	elete Selected Entries	2					
	au Another Entry	te					
	earn how to copy/past	er data for					
Le <u>X</u> De this m	earn how to copy/pasi elete ****ALL**** Mete neter	er data for					
this n	earn how to copy/pasi elete ****ALL**** Mete neter Jpload data in	er data for bulk for this met	ter:				
this n	earn how to copy/past elete ****ALL**** Metu heter Jpload data in Use this <u>single-mete</u>	bulk for this met	ter:				
this n	earn how to copy/past elete ****ALL **** Metwineter Jpload data in Use this <u>single-mete</u> Upload the com Copy and Paste	bulk for this met spreadsheet to: pleted file below the data into the table able	ter:				

Select Meters

- Select meters to include
 - Make sure all active meters are checked so that ENERGY STAR knows to include those in metrics/scores
 - Select button to say that the meters account for all energy use



Select Meters to Include in Metrics

Tell us which meters to include when calculating the metrics for civic opera building so that we can provide you with the most accurate metrics possible.



Add Water Meter Information

- Create Meters
 - Go to the Water tab on your dashboard and select "Add a Meter"
 - Select what type of water is billed and how many meters for each option
 - In most cases, you will only select "indoor" and set up 1 meter

512	Your Property's Water Usage
	What kind of water do you want to track? Please select all that apply.
	 Municipally Supplied Potable Water Indoor How Many Meters? Outdoor How Many Meters? Mixed Indoor/Outdoor
	Municipally Supplied Reclaimed Water
	Well Water
	Other:
	Get Started



Entering Data: Water Meters

Uploading Data

- Data entry process is Typically, electric and natural gas – be sure the "Date Meter Became Active" matches start of first bill
- Select appropriate units according to water bill
 - Typically, in thousand gallons

Date Meter Date Meter Custom Meter Custom Meter Other In Units Meter Name Type became Active Use? Type became Inactive ID 1 Name ID 1 Value Potable Indoor Mete Potable Indoor \checkmark Potable Outdoor Met Potable Outdoor or X Delete Selected Entries Add Another Entre Meter Selection: Potable Indoor Meter - 194228478 Ŧ Basic Meter Information (***click on the arrow to the left to expand this section) **Monthly Entries** Show All Years × Display Year(s); Usage Start Date End Date Total Cost (\$) Estimation Last Updated kGal (thousand gallons) (US) Ĩ Ĩ

2 Water Meters for civic opera building (click table to edit)

Run the Data Quality Checker

- Under Summary Tab
- Select the "Year Ending" as the last date of the bills entered

Data Quality Checker for civic opera building

The Data Quality Checker will help you find potential errors and unusual data within a given year. Select your links to view or correct your data as needed.



Cancel

			/	Change Me
vic opera building 20 N Wacker Drive, Chicago, IL 60606 N	lap It Not currer ENERGY Certification	n <u>tly eligible for</u> <u>STAR</u> on	Weather Normal Source EUI (kBt	lized <u>why</u> u/ft²) ^{scol}
Portfolio Manager Property ID: 35978434 Year Built: 1954			Current:	<u>N/</u>
			Baseline:	<u>N/</u>
Summary / Details / Energy Water	Waste & Materials Goals	Design		
Refresh to see Source EUI Trend			Change M	etrics
Change Metric	Metrics Summary		Change II	me Periods
	Metric 🖊	Not Available (Energy Baseline)	Not Available (Energy Current)	Change 2
	ENERGY STAR Score (1-100)	Not Available	Not Available	N/A
	Source EUI (kBtu/ft²)	Not Available	Not Available	N/A
	Site EUI (kBtu/ft²)	Not Available	Not Available	N/A
2013 2015 2017 2019 2021 2023	Energy Cost (\$)	Not Available	Not Available	N/A
	Total (Location-Based) GHG Emissions Intensity (kgCO2e/ft²)	Not Available	Not Available	N/A
	Water Use (All Water Sources) (kgal)	Not Available	Not Available	N/A
	Total Waste (Disposed and Diverted) (Tons)	Not Available	Not Available	N/A
	Custom Intensity Metric	s <u>(Learn more abo</u> t ensit <u>y metrics</u> to view in	ut this feature)	rty.

Review Alerts and Address Issues Common Errors

- Temporary and default values
- GFA does not add up
- Less than 12 months of data
- Gaps in data
- Property has no water/waste meters (not needed to calculate score)

Final Checklist!

- Create ESPM account
- Add general property details
- Add primary and secondary use details
- Add Detroit Building ID provided by City
- Add Contact: DetroitSustainability
- Share property data with **DetroitSustainability**
- Add 12 months of electric and gas data (1/1/2024 12/31/2024)
- Add 12 months of water data (1/1/2024 12/21/2024)
- Run data quality checker to replace temporary values
- Pat yourself on the back! You have benchmarked your property!

ONE-ON-ONE HELP WITH COMPLIANCE

THE OFFICE OF SUSTAINABILITY

Book free 30 minutes with the Office of Sustainability. tinyurl.com/BookingOfficehour

DETROIT 2030 DISTRICT: FREE

Non-profits, houses of worship, childcare centers and affordable housing are eligible to receive free one-on-one technical assistance.

DETROIT 2030 DISTRICT

Paid premium membership.





DATA DUE BY MARCH 5, 2025

- AN EXTENSION OF MI BATTLE OF THE BUILDINGS
- COMERCIAL, INDUSTRIAL AND MULTIFAMILY
- ENERGY EFFICIECY AWARDS
- NO COST TO PARTICIPATE



Upcoming Events: Benchmarking Support

Register for an in-person support event! Buildings over 25,000 SQ FT are required to report utility data by June 1, 2025!

INFO SESSIONS!

FOR NON-PROFITS, AFFORDABLE MULTIFAMILY, HOUSES OF WORSHIP AND CHILDCARE CENTERS

> Join us at one of these district events to learn more about the ordinance and get hands-on support in compliance hosted by the Detroit 2030 District

April 1-16 tinyurl.com/Support2030D

CITY OF DETROIT





DATA JAMS!

FOR ALL BUILDING TYPES

Join us to go into a step by step process of complying to this ordinance, hosted by the Midwest Energy Efficiency Alliance, MEEA.

May 5-7 tinyurl.com/DataJam2025

Helpful Resources

- ENERGY STAR Portfolio Manager Data Collection Worksheet for Property Managers
 - <u>https://portfoliomanager.energystar.gov/pm/dataCollectionWorkshe</u>
 <u>et</u>
- ENERGY STAR Portfolio Manager Glossary terms
 - <u>https://portfoliomanager.energystar.gov/pm/glossary</u>
- ENERGY STAR Training Documents
 - <u>https://www.energystar.gov/buildings/training/training</u>
- ENERGY STAR tools for your home
 - <u>https://www.energystar.gov/campaign/assessYourHome</u>

Questions? Contact

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