



Benchmarking User Guide

For MGE Customers

Automated Benchmarking Process Overview:

(A high-level overview of the steps in the process covered in depth in this User Guide)

Step 1 Gain access to the MyMeter Dashboard:

Link via your MGE My Account user login

OR

Non-account holders can complete the wholebuilding request form outside of login

Step 2 Define your meter group in MyMeter Dashboard:

Request whole-building aggregated usage

OR

Select your individual account(s) and meter(s) comprising your building's usage

Step 3

Choose your path for property characterization:

Link to your individual ENERGY STAR® Portfolio Manager® (ESPM) account and Property ID

OR

Utilize the portalfor property end use characterization

Step 4

Transfer data and retrieve your benchmarking score:

- Complete Contact connection and Property Sharing requests
- Link your building(s) with ESPM Property IDs
- Confirm usage data transfer and metrics reporting

WELCOME



This guide serves to support MGE's business customers in making use of the automated ENERGY STAR® benchmarking capabilities provided through MGE's MyMeter Dashboard.

Please contact us with any questions or support requests:

business@mge.com

Step 1: Determine path to access the Benchmarking Portal

MGE Account Holders:

MGE commercial customers can access their MyMeter Dashboard to benchmark their property(ies) via MGE's My Account portal.

Visit <u>mge.com/myaccount</u> to log in or register.

The MyMeter Dashboard link will be available under *Programs* in the right-hand navigation. It will also be available under *Electric Use History* and *Natural Gas Use History* (if applicable) in the lefthand navigation.

Non-Account Holders:

Property managers and third-party users can request aggregated wholebuilding usage access at the following Web site (detailed on page 25):

https://mymeter.mge.com/WholeBuilding/RequestOwnerPermission





Step 1

Step 4

Step 2: Get oriented to the MyMeter Dashboard



- Use 'Select Property' drop down control to select and view properties and accounts
 - Use Widget panels to swap metrics displayed and request whole-building data for benchmarking
- Toggle between Charts (usage presentation), Data (data, download) and Benchmark (ENERGY STAR® benchmarking) dashboard pages



Step 2: Create your Benchmarking Portal meter group

Determine the best meter group request path for your building:

Option 1 – Whole-Building Approach

Use this method in any cases where tenant-metered spaces exist, or to avoid the need to combine individual accounts and meters in a multiple meter scenarios.

See pages 6-7 below for more details.

Option 2 – Individual Meter Approach

Use this method in cases where user has access to all metered usage in the building and there is a preference to transfer usage to ENERGY STAR® Portfolio Manager® at the individual meter level.

See page 8 for more details.

Step 1

Option 1 - SIMPLIFIED WHOLE - BUILDING BENCHMARKING (RECOMMENDED)

- Click on the "Initiate Request" button from the "Request wholebuilding data" widget in the portal
- Complete the whole-building data access form:
 - Assign a name in the "Building Name" field
 - Click each relevant service address that comprises the building, from the "My Service Addresses" list and confirm unit count details.

Step 2:

group

Define your meter

• Use the "Add Other Locations" tab to search for and select service addresses where you do not have an authenticated account.

Helpful Hint - In some cases for buildings with multiple accounts/meters, there may be more than one service address associated with a single building – please refer to your MGE bills to confirm relevant service addresses.

- Clicking list
- will remove selected locations from the target
- Clicking details

will show additional service address unit

Step 4





Mckee Rd 53719

Step 3

Step 1

Step 4

Option 1 - (CONTINUED)

Total cou	Int of locations: 115	
Û	- 115 locations	^
2002.000	Apt 200	
	Apt 201	
	e Apt 202	
	Apt 203	
	Apt 204	
	Apt 205	
	Apt 206	

Confirm the expected number of meters at the property

Helpful Hint – In some multi-tenant buildings, a meter will be shown for each individual unit or meter at a property. If you're not sure, consider: Does each unit/suite have its own meter (this is likely if tenants pay their own gas bill)? Or is there a master/house meter(s) for the whole building?

 Click "Submit" to complete the wholebuilding data access request

By clicking 'Submit' below, I attest that:	
I am requesting whole-building data for a building comprising the abo	ve address(es).
My relationship to this building is:	
Owner	~
Employer/Organization	
Title	
All information currently contained in my account profile is true and ac	ccurate.
	Submit

Option 2 - DETAILED METER LEVEL DATA

Choose this option only if you wish to have detailed energy use for each of your building's meters, rather than aggregated totals for your building. This option should only be used if you pay all of the MGE Bill(s) for your building and want to track energy use data individually for each meter.

This option can require more on-going maintenance. This option can also be used to create customized grouping of accounts, such as a grouping of all accounts at a campus of buildings, or a grouping of all accounts to track total energy use

- Create New Meter Group
 - Determine which accounts are relevant to your building or customized grouping of accounts, and note each account number/meter number
 - Click on "Select Property"

Select Property

- Click on "Add New+" at bottom of list: Add New+
- Enter a name for the building or grouping of accounts
- Select applicable accounts
- Click "Save" at the bottom of the account listings to create the new meter group and return to dashboard access SAVE Imultiple accounts and associated meters together





Request further authorizations (if applicable)

You will see the below message if further authorization is required. Follow the instructions on the screen to make applicable requests. **If you do not see this message, skip to Step 3.**



MGE is bound by regulatory policy to require additional authorizations from all tenant accounts prior to disclosure of aggregated whole-building usage.

 Step 1
 Step 2:

 Define your meter
 Step 3

 Step 4

Request additional account holder consent to aggregate whole-building energy use data (if applicable)

- When required, consent is needed from current account holders (i.e., tenants) at the service location
- Complete and send requests to all account holders required to provide access to aggregated whole building data

123 Bucky Badger Wa	y UNIT 102 Madison, WI 53703	Request Consent
nant		Close
se provide your information: nization/Trade Name		
st Name	Last Name	
Mark	Brown	
cal and Mailing Address		
2		
u do not want to use the automated el- cess and print or download the form f	ectronic authorization process, please click here or offline processing.	
cking "Send Request", your informatio	on contained on this form will be sent to the	



Account holders receive Consent Request email (if applicable)

 Identified account holder contacts will receive a Consent Request email, with copies sent to the Requestor and the MGE Team, including a link for contacts to complete the online authorization process

🗅 Request: MGE Customer Consent to Release Usage Data for Benchmarking Purposes - Mark Brown - Outlook - Work - Microsoft 🗕 🗌 🗙
(i) about:blank Q
ÎÎDelete ☐ Archive ① Report →
Request: MGE Customer Consent to Release Usage Data for Benchmarking Purposes $@_{\!$
MGE Building Energy Benchmarking Consent Request
Building: [BuildingName]
Hello, [TenantName]
You are receiving this email because the individual below identified you to be the appropriate contact associated with an MGE utility account in the building they own or manage. The requester is seeking to gain access to aggregated whole-building energy use data. Details of this request are provided below. Please note that approving this request will not mean that the requester gets access to your individual account data and energy usage information; only that your energy usage data will be aggregated along with all other usage data for accounts tied to the building and provided as a sum total to the requester. INSTRUCTIONS: Find a copy of your MGE bill Review special instructions below before filling out the form Click on the link below to open the consent form Enter the requested information using information from your bill
You will receive an email confirmation when you have successfully filled out the form
Again, please have a copy of your MGE bill in front of you, as the form will ask for information from your bill.
Special Instructions when Filling out Consent Form
Customer Name: Enter exact text from bill shown on the first line of the to: address.
Street Number: Enter ONLY the numeric digits at the start of service address, no other text (Example: Enter 123 for service address 123 Main Street)
Assess the Consent Form

Helpful Hint – MyMeter Dashboard generated emails may be flagged as Spam; the data requestor should follow-up with the account holder contact to ensure the Consent Request was received. Step 1 Step 2: Define your meter group Step 3 Step 3 Step 4

Account holders provide consent to release aggregated whole-building data to MyMeter user

Additional account holders, such as renters, complete the following form to provide their consent to release aggregated wholebuilding data to requestors

	TO BE COMPLETED BY THE CUSTOMER
	PLEASE READ THE ABOVE CUSTOMER DISCLOSURES BEFORE SIGNING THIS FORM
By signing this form you acknowledge and agr	ee that you are the customer of record for this account and that you authorize your utility service provider to disclose your customer data as specified in this form.
Customer Account Number	Start with the first non-zero digit as shown on bill; provide only digits preceding a hyphen/dash character
Customer Name	Enter Customer name exactly as it appears on bill
Service Address	
Street Number	Street number, enter only numeric portion of Service Address shown on bill
Street Name	Street Name
City	City
State	State
Zip	Zip
Signature	
Signature of Customer of Record	Please type your first and last name
Date Signed	03/27/2020
	Approve

Helpful Hint - If you have any questions related to the account holder authorization request process, please contact an MGE team member at **business@mge.com.**



Step **3**: Users have the option to automate data transfers to their existing ENERGY STAR® Portfolio Manager properties OR characterize and benchmark within the MyMeter Dashboard

Select preferred path by answering an initial question on the ENERGY STAR® tab of the Benchmark page:





Helpful Hint - If you have any questions related to the account holder authorization request process, please contact an MGE team member at **business@mge.com**

 Send Data from MyMeter to ESPM

Step 4 instructions for users opting the "Yes" path, characterizing their property through the MyMeter Dashboard:

Send and check for Contact connection request

 Click on the 'Request Connection' button to link to MGE's Contact page on the ENERGY STAR® Portfolio Manager (ESPM)) (opens as a new tab on your web browser)

Helpful Hint - In the case that you are not currently logged on to the ESPM site, you may first be prompted to enter your username and password before you are transferred to the Contact connection page.

 Click on the 'Send Connection Request' button

PortfolioManager®

Link to an existing ENERGY STAR Portfolio Manager account and property?

 $\textcircled{\sc extreme}$ Yes, I want to transfer data to an existing property in my ENERGY STAR account

 $\bigcirc\,\ensuremath{\mathsf{No}}$, I want to characterize my property and manage benchmarking here

Link this property to an existing ENERGY STAR Portfolio Manager Property to initiate automated data tranfer:

1. First, from your Portfolio Manager account, you must request to Connect with the Madison Gas and Electric web services account Contact

Request Connection

2. Click the button below to have your ENERGY STAR Contact connection request accepted

Check for My Contact Request

3. From your ENERGY STAR Portfolio Manager account, now select to enable Sharing for the Property where you would like billing data to transfer - requires Share Properties for Exchanging Data to be completed

Initiate Sharing

4. Toggle control below to enter your ENERGY STAR Property ID and initiate meter data transfer

Link with Property ID



n Requirements | ENERGY STAR Buildings & Plants Viebsite

Step 1 Step 2 Step 3 Step 4: Step 1 Step 2 Step 3 Step 4:

Check for My Contact Request

 Return to the MyMeter Dashboard (by selecting the tab on your web browser) and click on the 'Check for My Contact Request' button.

Helpful Hint - A green checkmark will appear to indicate that the system has accepted any submitted and pending contact connection requests.

Initiate Sharing

 Click on the 'Initiate Sharing' button to link to the Share Properties for Exchanging Data page on the ESPM web site.

ENERGY STAR Markers **Energy Challenge Portfolio**Manager® Link to an existing ENERGY STAR Portfolio Manager account and property? Yes, I want to transfer data to an existing property in my O No, I want to characterize my property and manage **ENERGY STAR account** benchmarking here Link this property to an existing ENERGY STAR Portfolio Manager Property to initiate automated data tranfer. 1. First, from your Portfolio Manager account, you must request to Connect with the Madison Gas and Electric web services account Contact **Request Connection** k the button below to have your ENERGY STAR Contact connection request accepted **Check for My Contact Request** 3. From your ENERGY STAR Portfolio Manager account, now select to enable Sharing for the Property where you would like billing data to transfer - requires Share Properties for Exchanging Data to be completed **Initiate Sharing** 4. Toggle control below to enter your ENERGY STAR Property ID and initiate meter data transfer Link with Property ID 3. From your ENERGY STAR Portfolio Manager account, now select to enable Sharing for the Property where you would te biling data to transfer - requires Share Properties for Exchanging Data to be completed Initiate Sharing 4. Toggie control below to enter your ENERGY STAR Property ID and initiate meter data transfer Link with Property ID

Step 1 Step 2 Step 3 Step 4: Step 1 Step 2 Step 3 Step 4:

 Complete form to select 'One Property' or 'All Properties' to share with MGE

Step 4.4 Set ESPM access permissions

Helpful Hint - The easiest option to ensure successful data transfer is to opt for 'Bulk Sharing' and assign 'Exchange Data Full Access' permission.

Custom settings may be applied if desired. At a minimum, the MGE contact needs to be assigned 'Exchange Data Full Access' permission to Natural Gas Energy Meters and Property Information in order to transfer data to ESPM.

 Click the 'Authorize Exchange' button to complete the sharing process



Select Properties

Which Properties do you want to share? Note that while you can share properties that include unsupported meter types, those specific meters will not be shared.

~

All Properties

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.





Link ESPM Property ID to MyMeter property

- Click on the 'MyPortfolio' tab to view your ESPM building list
- Find and copy the Property ID for the ESPM property you are trying to link to your MyMeter property

MyPortfolio Sharing	Reporting	Recognition	

Please <u>refresh</u> to se	e your cu	rrent metrics.					
/iew All Properties (6)	✓ Energy Hi	ghligh	ts 🔹	Re	frest	Metrics
dd/Edit/Delete Grou	<u>ps</u>	Add/Edit/De	elete \	liews			
Name	•	Energy Current Date	A	NERGY TAR Score *	Site EUI (kBtu/ft ²)	\$	Source EUI (kBtu/ft²)
Sample K-12 S	chool						
(US) 17710886							

- Return to the MyMeter Dashboard and toggle the `Link with Property ID' slider control
- 2. Click the button below to have your ENERGY STAR Contact connection request accepted
 - Check for My Contact Request

Link with Property ID

Initiate Sharing

- From your ENERGY STAR Portfolio Manager account, now select to enable Sharing for the Property where you
 would like billing data to transfer requires Share Properties for Exchanging Data to be completed
- 4. Toggle control below to enter your ENERGY STAR Property ID and initiate meter data transfer

Step 1 Step 2 Step 3 Step 4: Step 1 Step 3 Step 4:

• Enter your building's ESPM Property ID and click 'Submit'

 Confirm your property's information and click 'Yes'

• Confirm the meter data to be transferred and click 'Submit' to initiate data transfer process

Congratulations! You have now established ongoing automated data transfer to ESPM to facilitate your building benchmarking.

Property Id :	
SUBMIT ✓ Cancel	Je
NERGY STAR Portfolio Mana	
Property Id:	
Property Id: Property Name:	
Property Id: Property Name: Address: Primary Function: Office	
Property Id: Property Name: Address:	a

Upon clicking 'Submit' below, records for all available historical usage data will be created under the following new meter(s):

New Meter Name	Service Type	Start Date	End Date
45.			

19

/ Change Metric

ENERGY STAR Score (1-

100)

Current Score: 60

Baseline Score: 96

Export Data by Calendar Mont

In Use?

Yes

Yes

Yes

Download Annual Totals by Meter

(Inactive Date)

Add A Mete

Confirm data transfer to ESPM

Reporting

321 Education Way, Phoenix, AZ 85005 | Map It Portfolio Manager Property ID: 17710886

Water

Waste & Materials

Change Meter Selections

Name

Meter ID

115513924

Test 923 115686542

Electric Grid Meter 115513927

Meters - Used to Compute Metrics (3)

Goals

Energy Type

Electric - Grid

Electric - Solar

Natural Gas

Design

Your utility, Salt River Project, may be able to send energy data directly to this building record

Most Recent

Bill Date

01/11/2020

12/31/2019

01/01/2021

using Portfolio Manager web services. Click here for additional information and to see if this

Energy

Recognition

Sharing

Sample K-12 School (US)

Detalls

Meter Summary

 Hire an organization to electronically enter your data
 See if your utility offers this service

Your Property is: Edit

A Campus of Multiple Buildings
 You Are Tracking: Edit

Total energy consumption for your

property Partial energy consumption for your

A Single Building
 Part of a Building

Year Built 1950

 Return to your ESPM account and select your target property from the MyPortfolio dashboard

Step 1

 Select the 'Energy' tab for your property to confirm that the new MyMeter meter is showing with recent bill information in the 'Meters' table

Helpful Hint - In the case that your MGE account billed electric and natural gas usage had been previously entered manually on separate ESPM meter(s), because MyMeter will transfer a full history of billing data it may be necessary to use the 'Change Meter Selections' to only include the new MyMeter meter and avoid double entry of historical usage.

property



MyPortfolio

Summary



Step **4** instructions for users opting the "No" path, characterizing their property through the MyMeter Dashboard:

- After selecting 'No' option, select Primary Use type from dropdown list and input values for floor area (Total Sq Ft), occupancy (%) and construction vintage (Year Built):
- 2. MyMeter will display a form to provide additional end use attributes for the selected end use type:

Name	Example Building	J
Primary Use	==Choose Property Type== 🗸	J
Total Sq Ft	0]
% Occupied	0 ~]
Year Built	0]
Select your p profile details	roperty type to view and s.	edit your

Office - (Percentage Answered: 0%)		
Total Gross Floor Area Square Feet	Weekly Operation Hours	Number Of Workers
Number of Computers	Percent Office Cooled	Percent Office Heated

3. The system allows for the input of any number of additional end use types in order to allocate all floor area and capture associated attributes:

Add Another Type of Use:	
Food Service V	ADD 🗸

Helpful Hint – The option to 'Add Another Type of Use' will appear if floor area for previously entered end use type(s) is less than the value for Total Sq Ft

tep 1	Step 2	Step	3	• Senc	4: I Data from eter to ESPM
button that is disp	played to execute	send to		SC	CORE 🗸
ENERGY STAR Markers					
		Total Sq Ft	250000	~	
ENERGY STAR account	benchmarking here	Year Built	1955		
Office - (Percentage Answered: 100%) Total Gross Floor Area 250000 Square Feet Number of Computers 1200	Weekly Operation Hours 55 Percent Office Cooled 50% or more	Number Of Workers 1200 Percent Office Heated 50% or more			
	button that is displayed by the second se	Arracterizing building end use(es), or button that is displayed to execute and retrieve your benchmarking met Nerry STAR Markers LIREGY STAR Link to an existing ENERGY STAR Portfolio Manager account and property? Link to an existing ENERGY STAR Portfolio Manager account and property? Link to an existing ENERGY STAR Portfolio Manager account and property? Link to an existing ENERGY STAR Portfolio Manager account and property and manage benchmarking here Complete the Property Details form at right and provide attribute information for all applicable end use types below CORE CORE Corectage Answered: 100% Tat Gross Flor Area Square Feet Square Feet Methy Operation Hours State Methy Operation Hours State Percent Office Cooled	Arracterizing building end use(es), click the button that is displayed to execute send to an execute send to an existing building end use(es), click the primary use to an existing ENERGY star benchmarking metrics: ENERGY STAR Markers ENERGY STAR Markers Control of the tot an existing ENERGY STAR Portfolio Manager account and property: Name Check Varia Image (Star Barton) Conspired to transfer data to an existing property in my Image (Star Barton) Denchmarking here Soccupied Complete the Property Details form at right and provide attribute information for all applicable end use types below: Number of Computers Socceptied Soccupied Soccupied Markers Image (Star Barton) Number of Workers Markers Image (Star Barton) Soccupied Markers Image (Star Barton) Name Markers Image (Star	Arracterizing building end use(es), click the button that is displayed to execute send to button that is displayed to execute send to be checked the send to be checked to execute send to execute the result of the sender of the sende sender of the sender of the sender of the sender of th	Image: Comparison of the property Details form at right and provide attribute information for all applicable end use types below: Name:

: 66
: 71.3
: 985.10 (Metric Tons CO2e)
: 12-31-2022
: 02-02-2023

More information on ESPM metrics and calculations is available here:

https://www.energystar.gov/buildings/benchm ark/understand_metrics



In ESPM, users can generate their 'Statement of Energy Performance' (SEP) report by navigating to the Reporting tab and selecting the SEP link:



 \rangle

Step 1

 Send Data from MyMeter to ESPM

Step 4:

Users complete the 'Generate and Download Reports' form, selecting the SEP option, relevant property and

Step 2



Generate & Download Report(s)

Helpful Hint – Upon clicking the 'Generate & Download Report(s)' button, SEP report will only be displayed if browser setting do not prevent popups; you may need to adjust browser popup settings for the page to view SEP report



SEP report will present as a separate browser tab with a unique URL to print, save or share for reporting:



Step 1 instructions for non-account holder users requesting wholebuilding benchmarking access:

Follow instructions and provide all required information on the Request for Whole-Building Energy Usage Data form

Define your building request by using the address 'Search' function:

- Enter street number/name to display available service location groups
- Click each relevant service address that comprises the building, from the "My Service Addresses" list and confirm unit count details.
- Use the "Add Other Locations" tab to search for and select service addresses where you do not have an authenticated account.

Helpful Hint - In some cases for buildings with multiple accounts/meters, there may be more than one service address associated with a single building – please refer to your MGE bills to confirm relevant service addresses.

- Clicking
 - will remove selected locations from the target list
- Clicking
- will show additional service address unit details

Search	
Last Name	
Title	
Email	



CONTACT INFORMATION AND USEFUL LINKS

User Support:

business@mge.com

MGE My Account login/registration:

mge.com/myaccount

THANK YOU!