Pre-Webinar Polling Question

How much experience do you have with using Portfolio Manager?

- A. None (don't have an account created)
- B. Beginner (created account, just getting started benchmarking)
- C. Intermediate
- D. Advanced





A Beginner's Guide to Using Portfolio Manager for Benchmarking Law Compliance



"Basics of Building Benchmarking for Ordinance Compliance" Webinar Series

Part 1 (April 10 and May 9)

A Beginner's Guide to Using Portfolio Manager for Benchmarking Law Compliance

Part 2 (April 24 and May 22)
 Using Benchmarking Results to Understand your Building's Performance

Part 3 (May 8 and June 6)

To Efficiency and Beyond! How to Benefit from Benchmarking Compliance with Strategies for Improving your Energy Performance

https://www.energystar.gov/buildings/training/complying_ordinances



Learning Objectives

- Understanding the role of EPA's Portfolio Manager tool in benchmarking law compliance
- Getting started using Portfolio Manager
- Successfully submitting building data to your local jurisdiction

Note: ENERGY STAR also has short videos on introductory topics related to Portfolio Manager available at www.energystar.gov/buildings/training



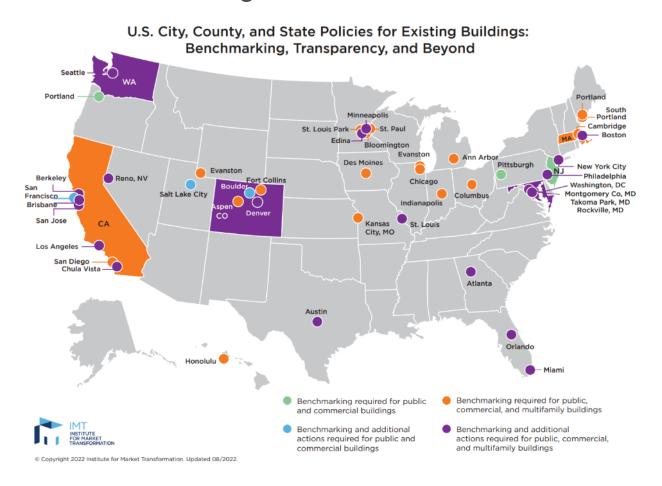
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What is a Benchmarking Law?



Map: U.S. City, County, and State Policies for Existing Buildings: Benchmarking, Transparency and Beyond - IMT

EPA vs. Jurisdiction Responsibilities

The EPA and ENERGY STAR can answer questions about...

- ➤ How to use Portfolio Manager
- ➤ Portfolio Manager metrics such as the ENERGY STAR score
- ➤ Portfolio Manager alerts and data quality checks
- ➤ How to connect with other Portfolio Manager users including utilities and 3rd party service providers

Your state or local jurisdiction can answer questions about...

- Which buildings are subject to the benchmarking law
- Which data and time periods are required for reporting
- Due dates for submission and fines
- Confirmation that your report was received and/or complete



Portfolio Manager and Benchmarking Laws in Canada

Please direct all questions about Canadian benchmarking laws to Natural Resources Canada:

• Toll free: 1-877-360-5500

• Ottawa local: 613-992-3245

• Email: <u>buildings-batiments@nrcan-rncan.gc.ca</u>

• Website: https://www.nrcan.gc.ca/energy-efficiency/energy-star-canada/18953



Natural Resources Canada Ressources naturelles Canada





Online List of Service Providers

Most Active Service & Product Providers

ENERGY STAR Service and Product Providers (SPPs) have demonstrated their expertise and achievements by meeting strict ENERGY STAR program requirements for benchmarking customer buildings using Portfolio Manager and gaining ENERGY STAR certification for buildings. Use this directory to find SPPs that have done the most for their clients through ENERGY STAR in the past 12 months.

Also see these additional provider partners: Most Active Service Providers That Exchange Data with Portfolio Manager via Web Services, Most Active Architecture & Engineering Firms, and Most Active Industrial Service & Product Providers.

This list shows SPP activity for the past 12 months, updated quarterly.

Benchmarked properties located in Canada are not included in the totals. For information on Canadian benchmarking, please contact nrcan.buildings-batiments.rncan@canada.ca.

Please note, the links below leave the energystar.gov domain. For more information visit our Exit Disclaimer.

1 - 276 of 276 Show.				
Company Name	Company Type +	Contact ¢	Benchmark	ENERGY STAR Certifications
Schneider Electric	Energy or Architecture Related Professional, Consulting or Procurement Services;Energy Management	Erik Mohn 502-614-2348 (phone) erik.mohn@se.com	48200	506
ENGIE Impact	Energy or Architecture Related Professional, Consulting or Procurement Services;Energy Management	Paige Janson 800-767-4197 (phone) info@engieimpact.com	46444	376
Conservice, LLC	Energy or Architecture Related Professional, Consulting or Procurement Services;Energy Management;Energy Information and Data Management	Brett Kraus 435-713-2136 (phone) bkraus@conservice.com	29724	1298
Measurabl, Inc.	Energy Information and Data Management	Measurabl Team 619-719-1716 (phone) info@measurabl.com	25980	1609
Bright Power, Inc.	Energy or Architecture Related Professional, Consulting or Procurement Services; Energy Management	Jeffrey Perlman 212-803-5868 (phone) jperlman@brightpower.com	21997	202
WegoWise	Energy or Architecture Related Professional, Consulting or Procurement Services; Energy Management	Dan Teague 617-367-9346 (phone) dteague@wegowise.com	20393	45

View the list online here: https://www.energystar.gov/buildings/facility-owners-and-managers/existing-buildings/save-energy/expert-help/find-spp/most_active

Learning Objectives

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To get started benchmarking in Portfolio Manager you will need...

- Property information:
 - Primary function
 - Name, address, zip/postal code
 - Year built
 - Gross floor area

- 2 Property use details, e.g.:
 - Operating hours
 - No. of computers
 - No. of workers, etc.

3 Consumption data for all resources that you need to report for the duration of the compliance period

Use Portfolio Manager's <u>data collection worksheet</u> to gather data upfront for your property type/s

https://portfoliomanager.energystar.gov/pm/dataCollectionWorksheet



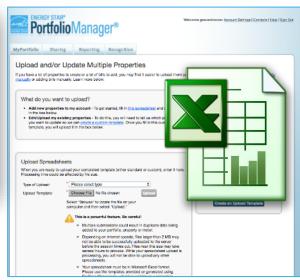
Get Data Into Portfolio Manager

Manual entry

Spreadsheet upload

Automated data uploads









Choose the best data management method.

More on how to get utility data into Portfolio Manager:

https://www.energystar.gov/buildings/tools-and-resources/how-get-data-portfoliomanager

Utility Data Access and the Benefits of Aggregate Data

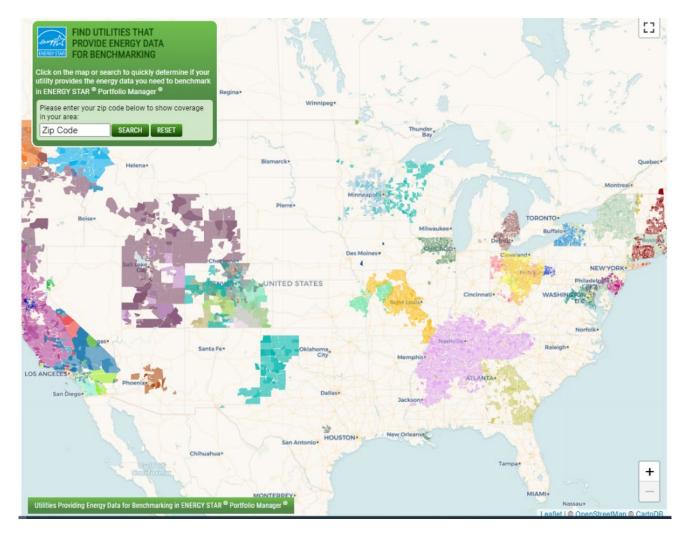
- Without complete, whole-building consumption data (all fuels, all meters), benchmarking results will not be accurate.
- Obtaining complete consumption data can be difficult for some multi-tenant/multi-family scenarios.
- Many utilities can provide aggregate wholebuilding consumption data (i.e., a single consumption value for each fuel for each month).



Credit: US Department of Energy

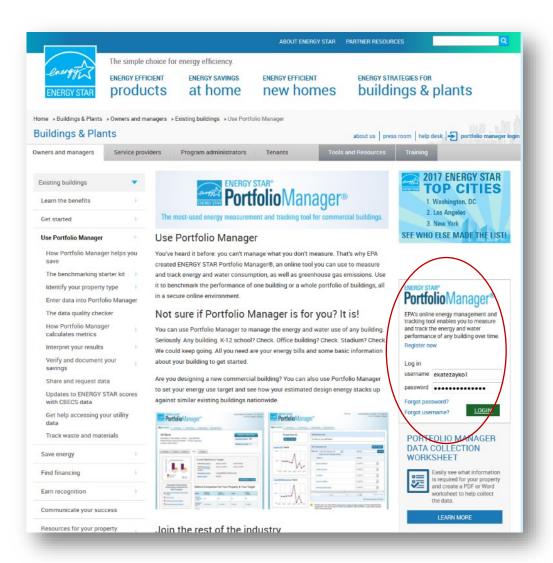


Utility Data Access Map



Website: https://www.energystar.gov/utilitydata





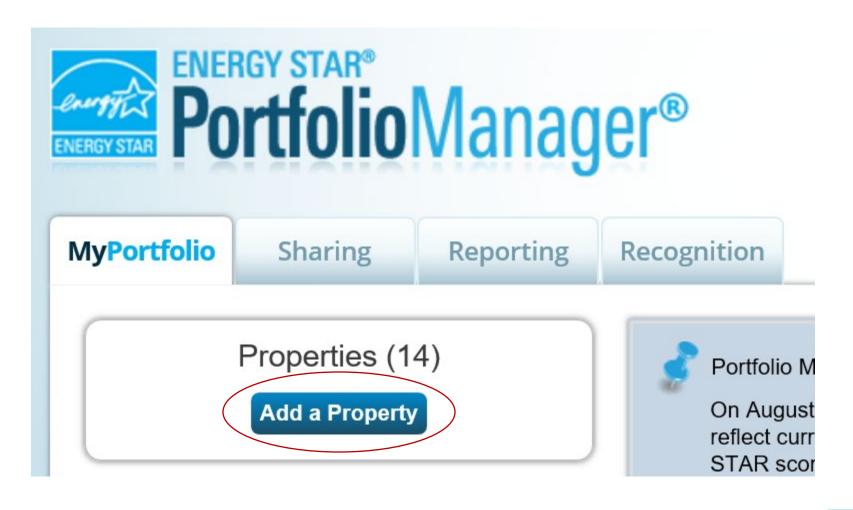


Select "Register Now"

Free, online secure platform: www.energystar.gov/portfoliomanager

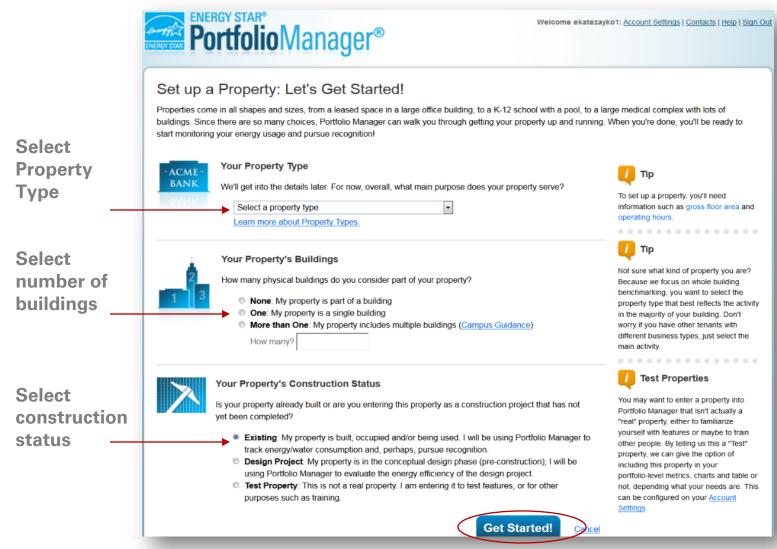


Add a Property



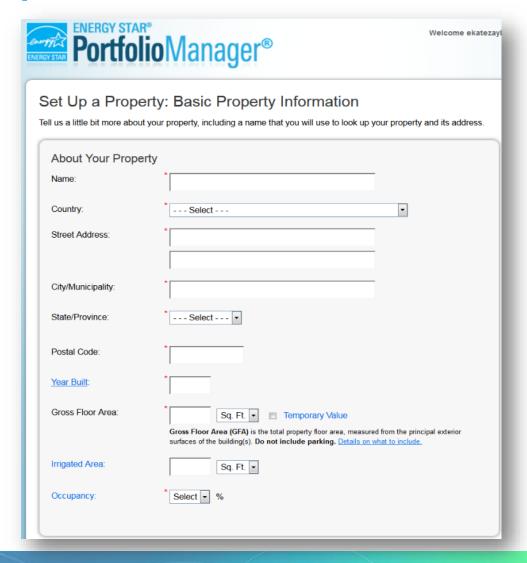


Add a Property: Existing Property



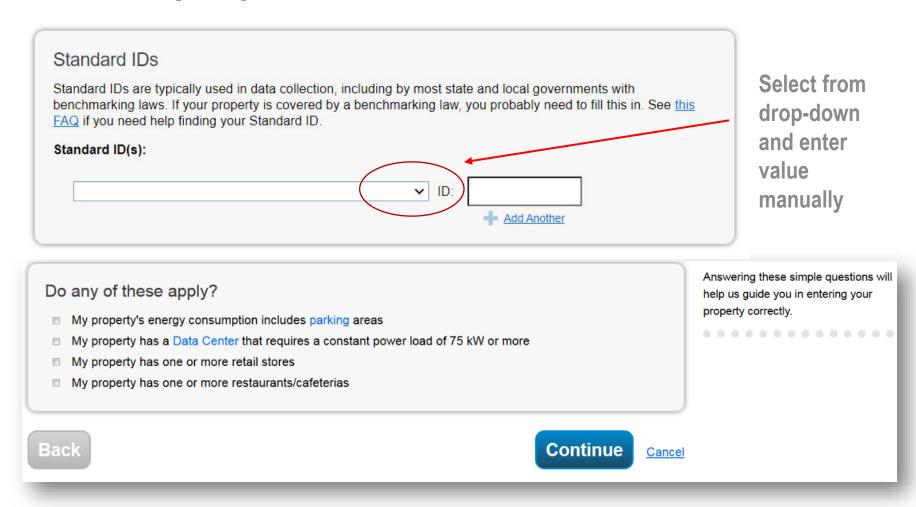


Basic Property Information





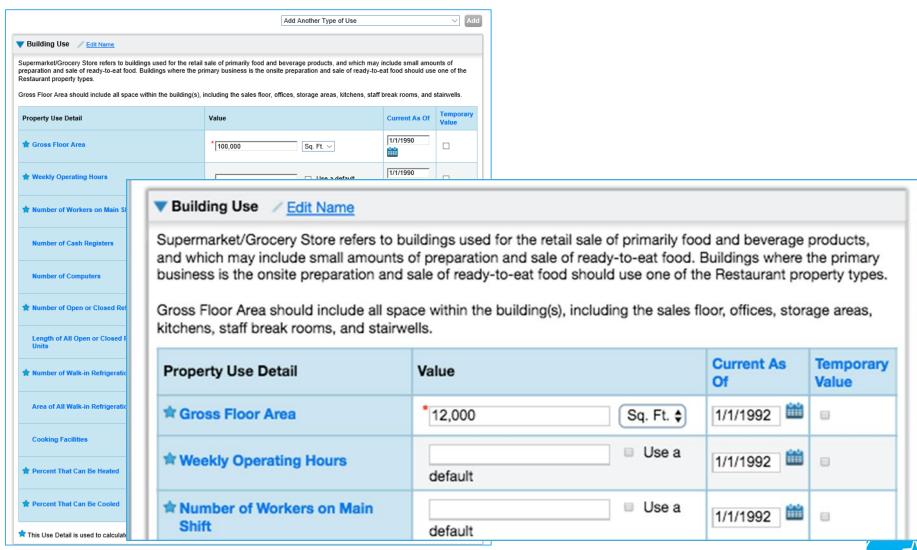
Basic Property Information



Need help figuring out your standard ID? Click here: https://sforce.co/3a2Fix

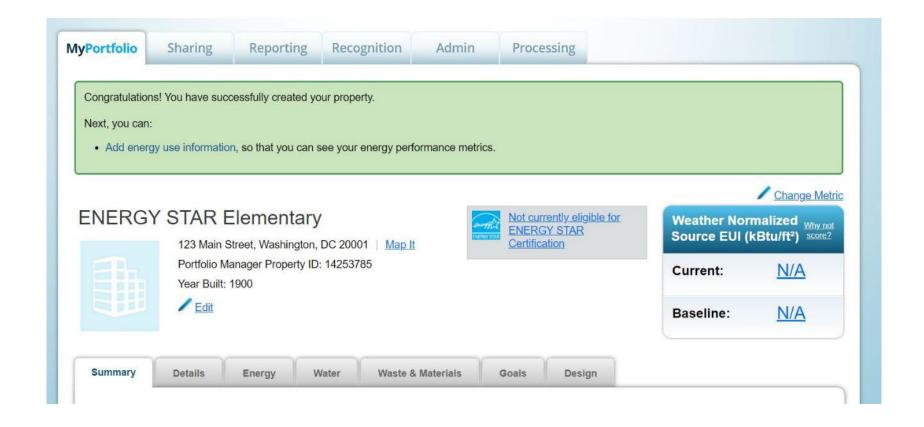


Enter Values for Property Use Details



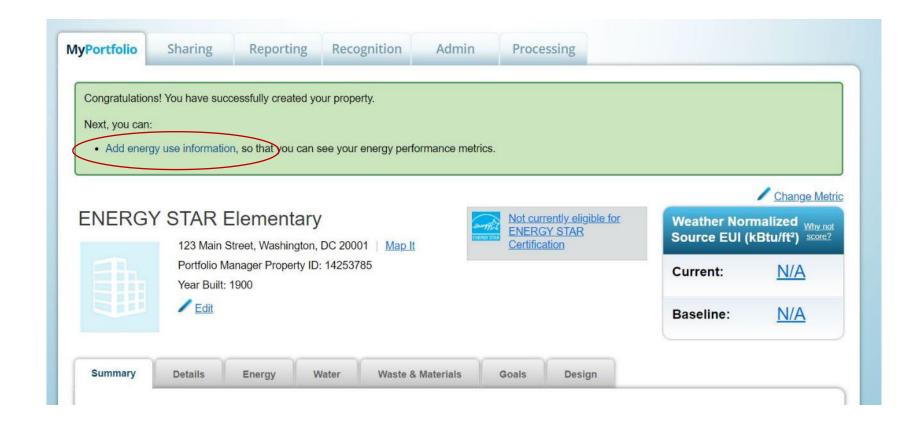


Property Summary Tab





Manual Data Entry – Energy Meters



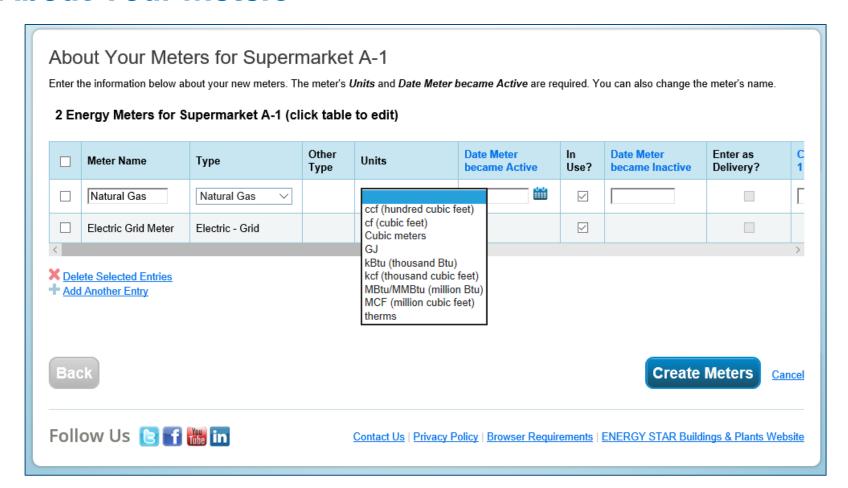


Enter Additional Information

inally, you can hire an organization that exchanges data to update your energy data automatic	ally.
Sources of Your Property's Energy	Tracking Energy
What kind of energy do you want to track? Please select all that apply.	To track your energy, create an en
☐ Electric	meter for each source of energy fr
☐ Natural Gas	utility, a neighboring building, or ar onsite solar or wind panel. If you
☐ Propane	purchase a raw fuel (e.g. gas) and
☐ Fuel Oil (No. 2)	produce your own fuel (e.g., electr chilled water), you only need a me
☐ Diesel	the fuel you purchased (e.g. gas),
☐ District Steam	not for the fuel you produce.
☐ District Hot Water	Two Meters Needed
☐ District Chilled Water	Onsite Solar/Wind
☐ Fuel Oil (No. 4)	If you've got onsite Solar (or Wind
☐ Fuel Oil (No. 5 and No. 6)	still need to enter an Electric Grid Learn More.
☐ Coal (anthracite)	
☐ Coal (bituminous)	Automate Your Meter
☐ Coke	Entries
☐ Wood	There are many organizations that electronically enter your utility data
☐ Kerosene	Portfolio Manager. Many utilities p
☐ Fuel Oil (No. 1)	this service for free. Service provice integrate this service into their own
☐ Other:	software and value-added offering
	<u>Learn more.</u>

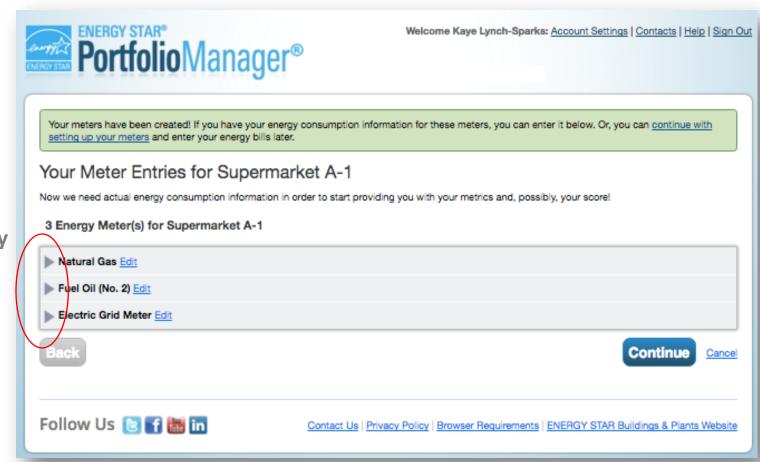


About Your Meters





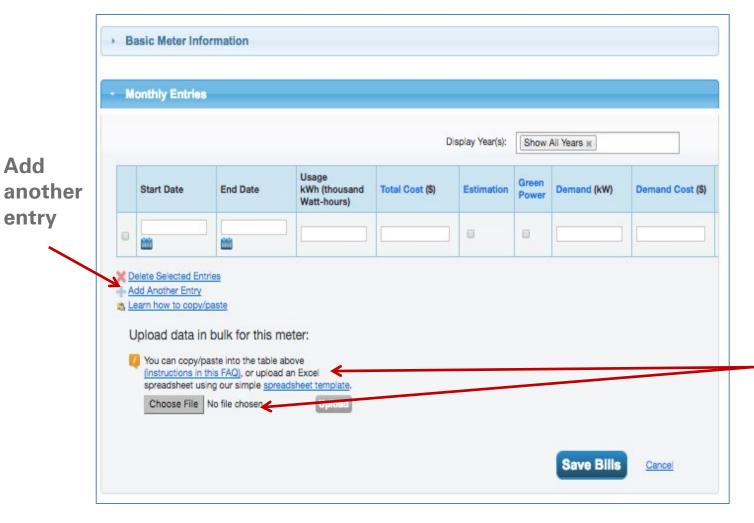
Add Energy Consumption Information







Add Meter Entries and Fill in Data

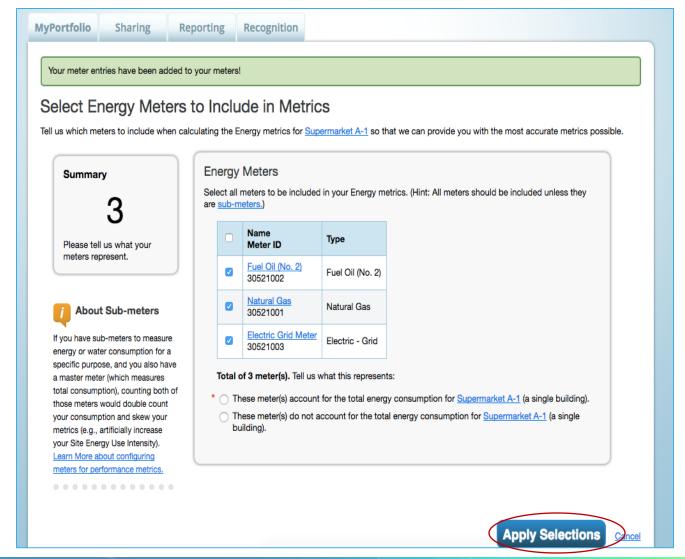


How To Guide:
Electric
Demand
Tracking
https://www.en
ergystar.gov/b
uildings/toolsandresources/how
track electric
demand portfo
lio manager.

Use a spreadsheet to upload or copy and paste

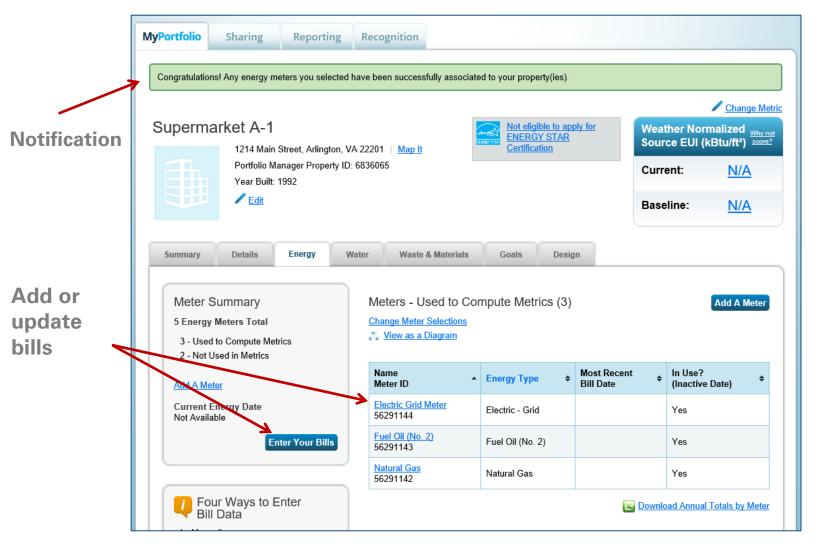


Meters to Add to Total Consumption



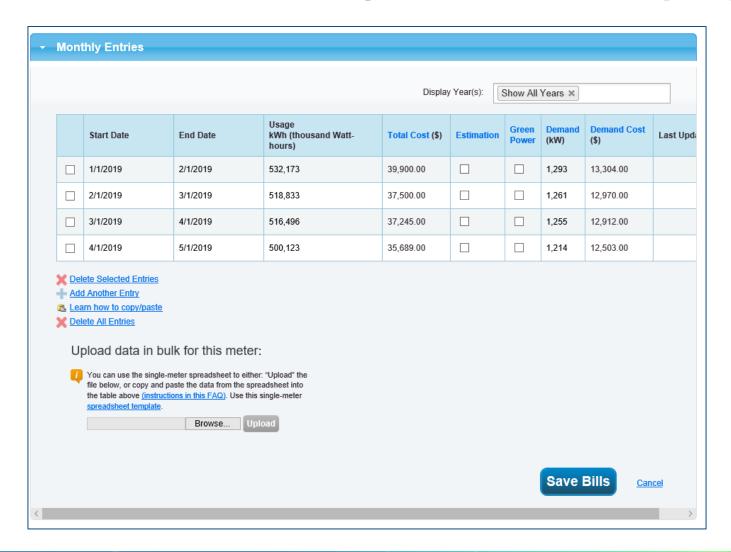


Energy Meters Tab: Meters Added and Displayed





View Meter Data and Manage Bills for Your Property





Learning Objectives

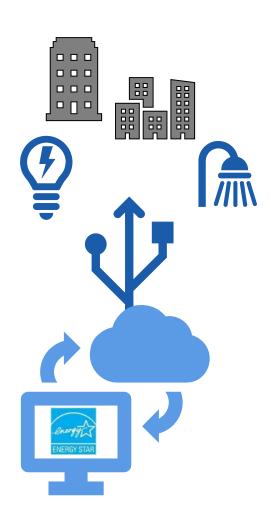
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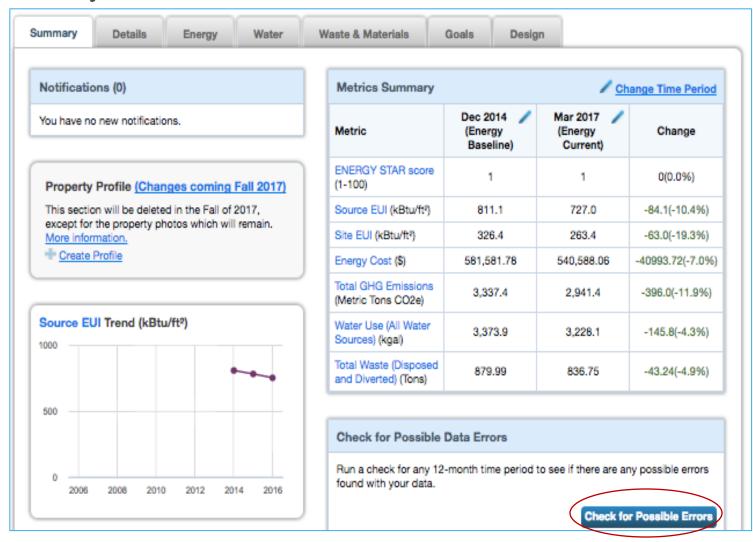
Common Data Collection Methods

- Your local jurisdiction will likely collect the required data in one of two ways:
 - 1. **Property Share** a property share requires you to share your property record and data with your jurisdiction's Portfolio Manager account directly
 - 2. Data Request a Portfolio Manager Data Request that is accessed through a unique link and only requires you to share data for a specific time period





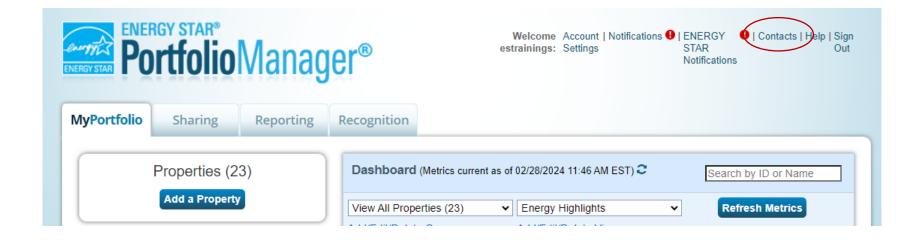
Data Quality Checker



Data Collection Method 1: Property Share



Click on "Contacts" in the upper right corner





Click on "Add New Contacts/Connections"



This is where you keep track of your contacts and/or organizations (i.e. people or companies associated with your properties such as Professional Engineers, Registered Architects, or others with whom you share information). You can add anyone as a contact, regardless of whether they have a Portfolio Manager account and you can share your properties & reports with any of your **connected** contacts. You can "connect" to other Portfolio Manager users by searching for their accounts and sending a connection request.

Searc	h existing contacts		Q		Ac	dd N	ew Contacts/Connections
	Name (title)		Organization	¢	Connection Status	¢ ا	Jsername
	Alice Bell Energy & Sustaina	bility Researcher	ICF		□ Connection Pending (Cancel)	A	AB_Processor
	Andrew Schulte Manager		Sample Web Service Provider		Connection Pending (Cancel)	а	schultewebservices
	Annie King Energy & Sustaina	bility Analyst	ICF		connected	a	k_processor
	estraining_		ENERGY STAR Trainings		Not connected		
	Karinna Papke Energy and Sustain	nability Researcher	ICF		□ Connection Pending (Cancel)	P	(P_Processor
	<u>LP</u>		ENERGY STAR Trainings		Not connected		
	Madeleine Albee Energy and Sustain		ICF		Connection Pending (Cancel)	N	MA_Processor
	Test LP		ENERGY STAR Trainings		Not connected		

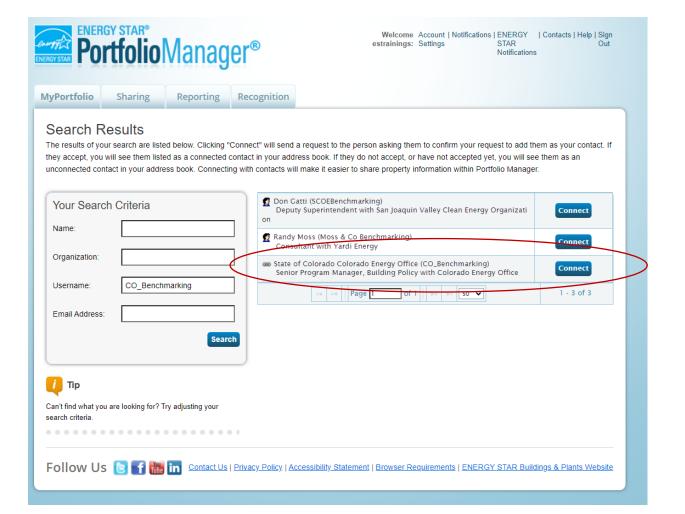


Enter your state energy office's username and search

ENERGY STAR® Portfolio Manager®	Welcome Account Notifications ENERGY Contacts Help Sign estrainings: Settings STAR Out Notifications
MyPortfolio Sharing Reporting Recognition	
Add Contact	
There are two ways to add a contact. First, search below to see if the contact you woul Connection Request, and when they accept the request, they will be added to your Co. Manager account, then you can create an entry within your personal contacts.	
Connect with an Existing User for Sharing	Connecting with Other Users
Search using any of the criteria below. Name:	If you think your contact already has an account in Portfolio Manager, search for them. If you find the person, send a Connection Request, and if they accept
Organization:	they will be added to your Contacts. You can easily share your property information with your contacts.
Username: CO_Benchmarking	Keeping Information for Non-
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 Search Cancel Read their information to your account. Sometimes you need to add a contact name that doesn't have a Portfolio Manager account to a report or certification application (ex: Signatory, Property Owner).
	application (ex: Signatory, Property Owner).



Click "Connect" for the State Energy Office





Click "Send Connection Request"



Welcome Account | Notifications | ENERGY | Contacts | Help | Sign estrainings: Settings STAR Notifications

Send a Connection Request to State of Colorado Colorado Energy Office to Begin **Exchanging Data**

State of Colorado Colorado Energy Office requires the following information in order to exchange data with your property(ies). If you have any questions about how to complete this information, please contact State of Colorado Colorado Energy Office. Once your connection request has been accepted, you can share individual properties and/or meters with them to get started exchanging data.

Terms of Use: None Provided





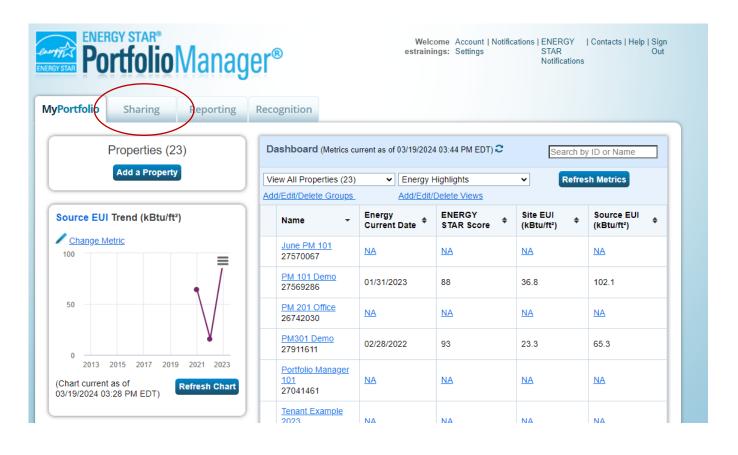




Follow Us 🕒 🔐 in Contact Us | Privacy Policy | Accessibility Statement | Browser Requirements | ENERGY STAR Buildings & Plants Website

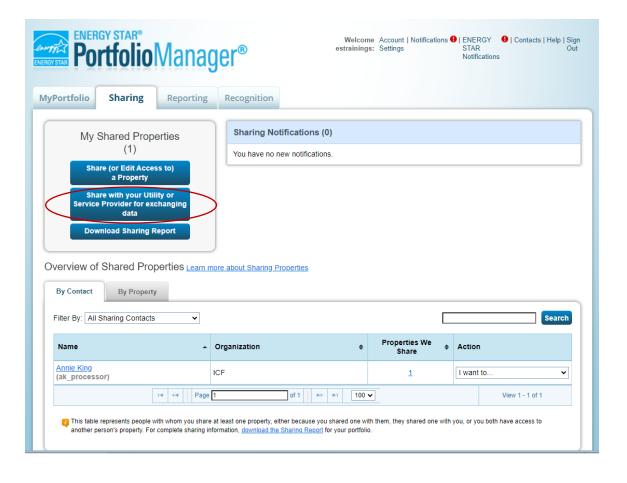


Click on the Sharing Tab in Portfolio Manager





Select "Share (or Edit Access to) a Property"

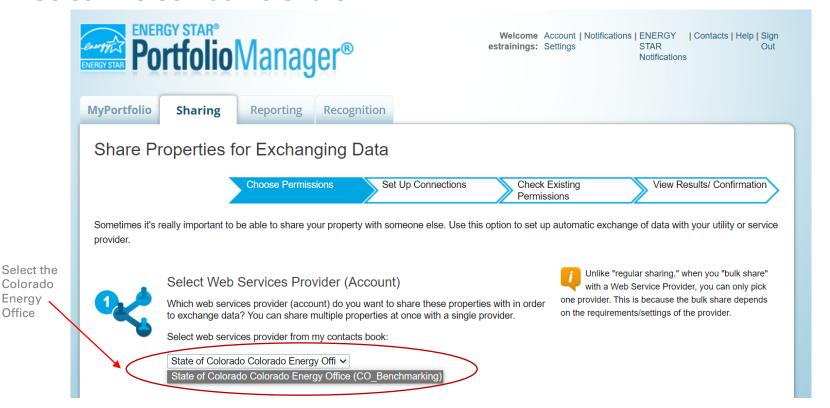




Select the Contact to Share With

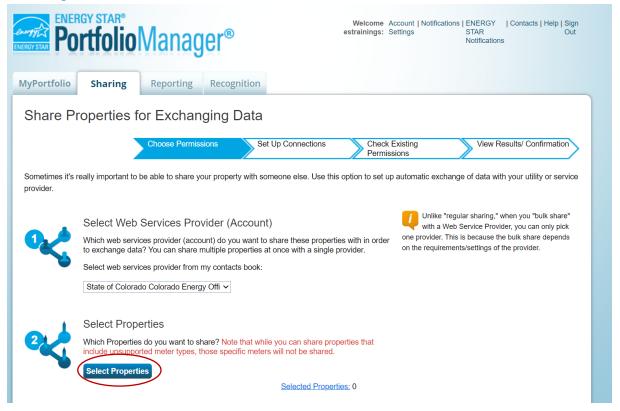
Energy

Office





Select Properties to share





Choose Permissions



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.

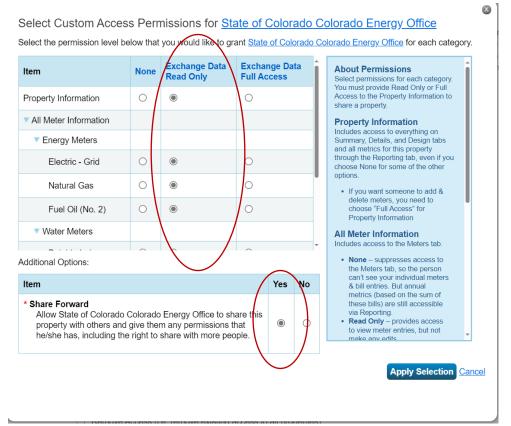
- Bulk Sharing (Simple Option) I want to give all my properties and meters the same permissions.
 - Exchange Data Full Access (with full access to all properties and meters)
 - Exchange Data Read Only Access (with read only access to all properties and meters)
 - Exchange Data Custom Access (customized 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.

Authorize Exchange

<u>Cancel</u>



Select "Exchange Data" for each property





Submit share



Choose Permissions

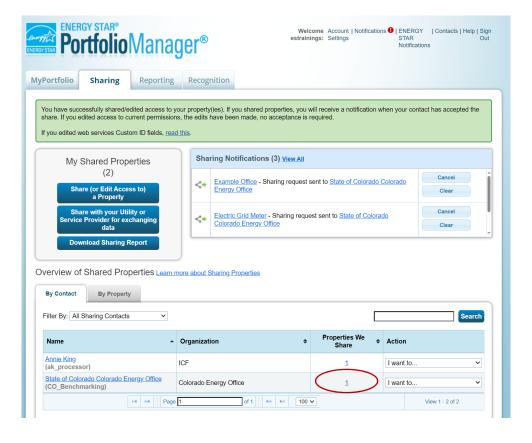
If you only need to choose one permission (because you are giving the same permissions for all your shares), you can choose that permission here. Otherwise, you may assign different permissions for different properties and/or contacts on the next screen.

- 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.

Authorize Exchange Cancel



Confirm that the properties were shared





Data Collection Method 2: Data Request



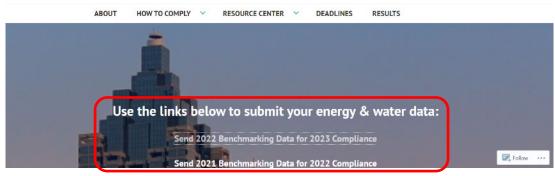
Accessing a Data Request



Atlanta Building Efficiency









About this Data Request

Data Requested By: Michelle Midanier

Instructions: This reporting template must be used for compliance with the City of Atlanta's

benchmarking requirements in accordance with Section 8-2222 of the Land Development

Code, Part III of the Atlanta City Code.

The deadline for meeting the 2023 compliance requirement is June 1, 2023, covering the calendar year 2022. For detailed instructions on how to comply with Atlanta's benchmarking ordinance and for the most up-to-date information including deadlines, visit

https://atlantabuildingbenchmarking.com.

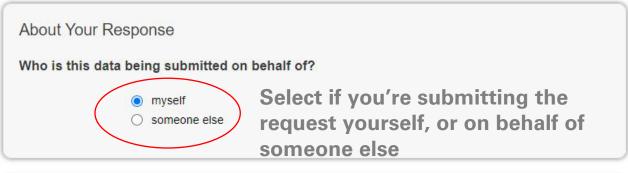
Make sure to include your Atlanta Building ID in your submission. To add, go to your property's profile, select the "details" tab at the top, find the "Unique Identifiers" box on

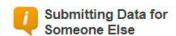
the left-hand side, click "edit", scroll down to "Standard IDs", select "Atlanta Buildings ID", enter your Atlanta Buildings ID, and click "Save".

For help, contact: Michelle Midanier at <u>buildingefficiency@atlantaga.gov</u> or 470-510-4800

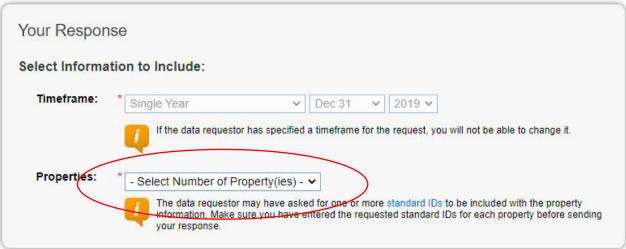


Accessing a Data Request





Sometimes people delegate their responsibilities for responding to data requests to other people. If you are responding on behalf of someone else, please select their name from your Contacts Book so that they will be attributed to the response.



Previewing Reports

Making selections here will include specific properties and timeframes in your response. You may preview your response before you send it. However, Portfolio Manager will need to prepare the preview in order for you to view it. Large responses may take more time to prepare. Your response preview will be available from the "Templates & Reports" section on the Reporting tab when it is ready.

Select properties that are required to benchmark

Generate Response Preview

Cancel



Preview Your Response





Preview Your Response





Send the Response to Complete Compliance

100	4		
Example1 (EXACC)			
Example (EXACC) Example (EXACC)			
Examples (Extress)	33.(1.0)		
Scott Martin Committee of the Committee	*		
To select multiple contacts, h	old down your Control (CTF	RL) key and click on each	selection.
Optional- Additional Email	Addresses:		
r			
	6		
Separate multiple emails by a	a comma or semicolon.		
What format would	vou like vour dat	a in for the ema	il attachment?
	you into your dut	a iii ioi tiio oiiia	n attaorimont.
Excel			
○ XML			
E-Sign your Data R	esponse, then "S	Send Data"	
 I hereby certify that I 	am releasing data abo	out my properties, or o	n behalf of someone else, to
Rising Stars with Test Or	g.		
Your username:	8		
	2.7		
	7		



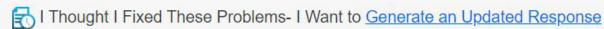
Send the Response to Complete Compliance

What Would You Like To Do?



I Want to Review/Edit these Properties

You can review individual properties/meters by using the links in the table above or download it to Excel in order to begin troubleshooting these issues.



If you have made changes to your data since your response was generated (05/08/2020 03:02 PM EDT), you will need to re-generate the report in order for these changes to be reflected.

Generate Updated Response



I Want to Submit Anyway

If you have verified that any issues listed in the table above are not the result of a mistake, you can continue submitting your response. Note that an incomplete request could be considered invalid or non-compliant by the requestor so it is strongly encouraged that you fix any issue before proceeding.

Send Response

(You will confirm your response on the next screen)



Send the Response to Complete Compliance





Benchmarking Law Compliance Resources

- Contacts for state and local benchmarking ordinances:
 - https://energystar-mesa.force.com/PortfolioManager/s/article/Contacts-for-state-local-compliance-ordinances-1600088543441
- Utility data access map: https://energystar.gov/utilitydata
- List of services providers that perform Portfolio Manager benchmarking services:
 - https://www.energystar.gov/buildings/facility-owners-and-managers/existing-buildings/save-energy/expert-help/find-spp/most_active
- Finding your Standard ID:
 - https://energystar-mesa.force.com/PortfolioManager/s/article/Standard-IDs-in-Portfolio-Manager-1600088552120
- How to respond to Data Requests in Portfolio Manager:
 - https://www.energystar.gov/buildings/tools-and-resources/how-respond-data-requestsportfolio-manager
- How to share properties in Portfolio Manager:
 - https://www.energystar.gov/buildings/tools-and-resources/how-share-data-other-users-portfolio-manager



Benchmarking Law Compliance FAQs





HOME > PORTFOLIO MANAGER FAQS > FEDERAL, STATE & LOCAL REQUIREMENTS

STATE & LOCAL BENCHMARKING REQUIREMENTS

ARTICLES

How do I find the receipt for the Data Request that I submitted?

25 ARTICLES

SEARCH

Indust

Commercial Buildings

24 Views Jan 12, 2021 • Knowledge

FAQs are available at www.energystar.gov/buildingshelp



"Basics of Building Benchmarking for Ordinance Compliance" Webinar Series

✓ Part 1 (register for April 27 session <u>here</u>)

A Beginner's Guide to Using Portfolio Manager for Benchmarking Law Compliance

- Register for Part 2 <u>here</u> (March 28) or <u>here</u> (May 10)

 Using Benchmarking Results to Understand your Building's Performance
- Register for Part 3 <u>here</u> (April 4) or <u>here</u> (June 8)

 To Efficiency and Beyond! How to Benefit from Benchmarking Compliance with

 Strategies for Improving your Energy Performance

https://www.energystar.gov/buildings/training/complying_ordinances



Extra Help

- Visit www.energystar.gov/buildingshelp
 - Extensive list of FAQs
 - Online form to submit technical questions or comments
- Additional Portfolio Manager training resources available at:

www.energystar.gov/buildings/training

- Step-by-step documents (PDF)
- Access to recorded trainings and short videos
- Information on upcoming trainings
- Register for regular webinars at: http://esbuildings.webex.com
- Portfolio Manager Technical Reference Series:

https://www.energystar.gov/buildings/benchmark/understand_metrics/score_details



Thank you for attending!

Questions?

Slides will be sent to all webinar registrants after today's session

If you have any questions on Portfolio Manager or the ENERGY STAR program, contact us at: www.energystar.gov/BuildingsHelp

