ESPM User Guide

Local Law 97 How-to Guides



MAJOR Changes to Benchmarking



- 1. Share Request is required instead of the template approach that has been used the last 10+ years for benchmarking.
- 2. Strict formatting on BBL and BIN. This key information must align with the LL97 CBL to transfer information from ESPM to BEAM. No dashes, slashes, spaces, etc.
 - Search by BBL on the <u>LL97 CBL</u> and <u>www.nyc.gov/dobnow</u>.
 - Standard ID City/Town: NYC Borough, Block and Lot (BBL) as it appears on the Covered Buildings List. The BBL should be in 10-digit number format (NBBBBLLLL) including any leading zeros for the block and lot with no symbols.
 - Manhattan = 1, Bronx = 2, Brooklyn = 3, Queens = 4, Staten Island = 5
 - A correct BBL entry for a building in **Queens**, with Block: **234**, and Lot: **56**, would be entered in the NYC Borough, Block and Lot (BBL) field as: **4002340056**.
 - Campuses: Use a semi-colon (;) as the separator without any spaces.

Example: 4002340056;4002340057;4002340058

- Standard ID Other: NYC Building Identification Number (BIN) in a 7-digit number format (4079215).
- Campuses: Use semi-colon (;) as the separator.

Example: 4079215;4079216;4079217



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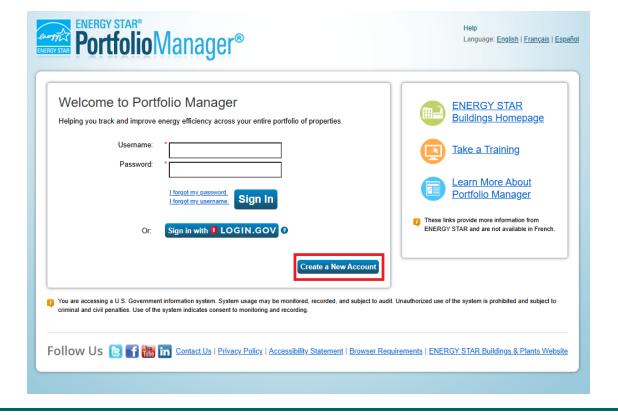
- Create a New ESPM Account: Slides 4-8
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Step 1: Proceed to New Account Page



To gain access to the ESPM tool, building <u>owners</u> must create an <u>Energy Star Portfolio Manager (ESPM)</u>
account. Other professionals, including owner's representatives and service providers, must be added to an
account later by the building owner.



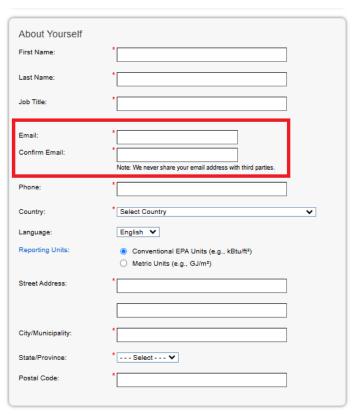


Step 2: Fill Out Basic Information



- Fill out all basic personal contact, building, and organizational information.
- Each Portfolio Manager account must be associated with the building owner using an active email address, as NYC may reach out for data validation purposes.
- Note: The username cannot be changed, so it must be related to, or associated with the building owner.



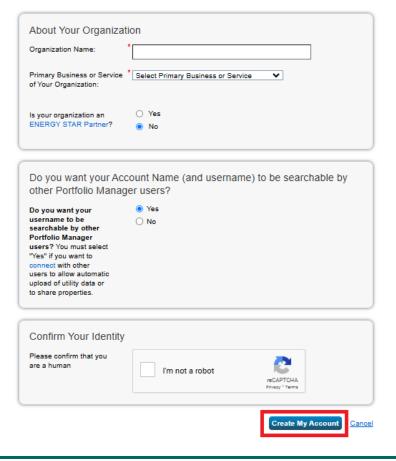




Step 2: Fill Out Basic Information



Continued: Fill out organizational information and ensure that your username is searchable. Finalize your
account by clicking the "Create My Account" button on the bottom right.

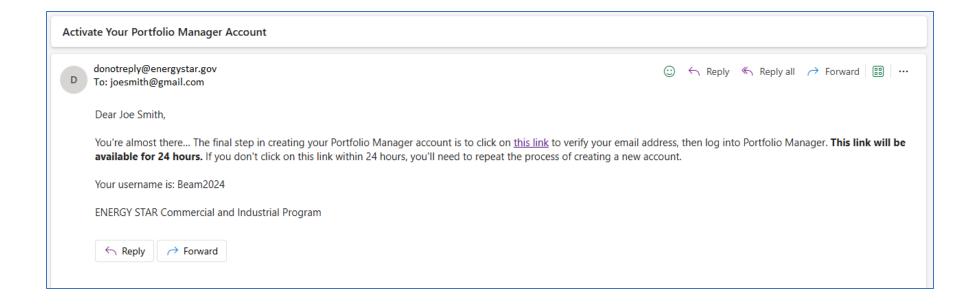




Step 3: Activate Account via Email



Check the email used in the previous step and follow the activation link sent from donotreply@energystar.gov.

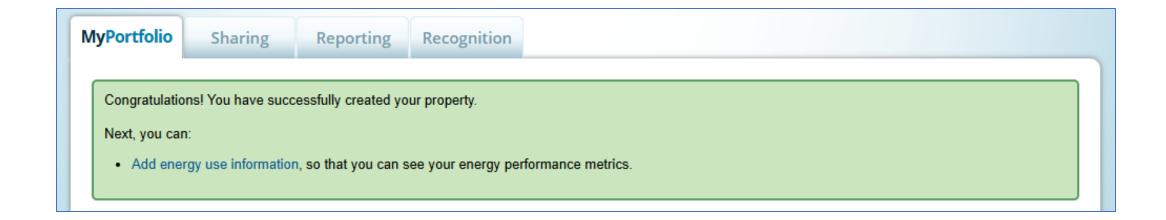




Step 4: Confirmation of Account Creation



After you validate the link from your email, you will receive the following notification in ESPM that shows your
account is active:

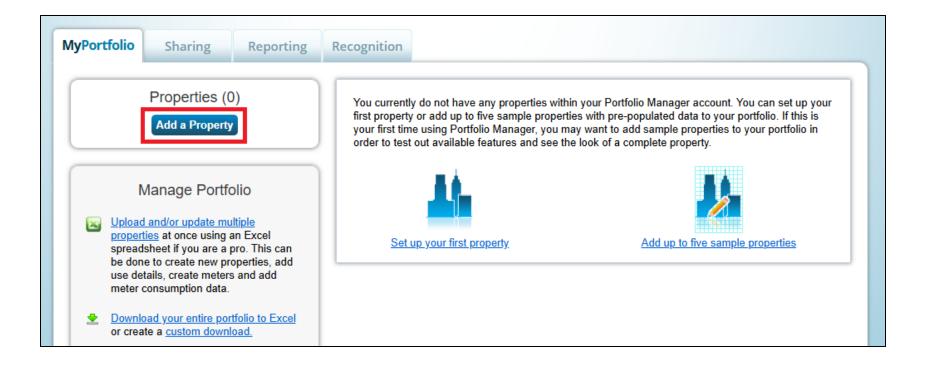




Step 5: Add your Property Details



Log into Energy Star Portfolio Manager at https://portfoliomanager.energystar.gov/pm/login and click Add a Property on the MyPortfolio tab.





Step 6: Set Up a Property



Users should follow the guidance below to identify property types in ESPM:

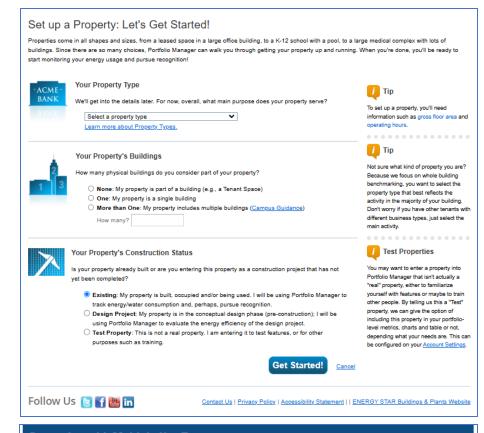
Property Type Requirements:

- Set up your ESPM account to generate a score (you will need to have 50% of your property as a single property type that is eligible for ENERGY STAR score.
- If your building does not generate a score, you may be subject to an audit.
- If you wish to add additional property types for your LL97 report, you may do so in BEAM.
- "Mixed Use" or "Other" may not be selected as property type.

Failing to follow the above guidance for entering property types in ESPM may result in a violation for:

- Failing to generate an ENERGY STAR score AND/OR
- Failing to file the annual emissions report for Local Law 97 in BEAM.

If your property is subject to Local Law 97 compliance **you may enter any additional LL97 required property types associated with your building in BEAM**, not ESPM.



Properties with Multiple Use Types

Some properties include multiple-use types, such as restaurants in hotels, salons in senior living communities, and cafeterias in hospitals. As a general rule, if a certain use commonly occurs in the type of property being benchmarked, do not break it out as a separate Property Use Type. Simply include its square footage with the building's primary use.



Step 6: Set Up a Property



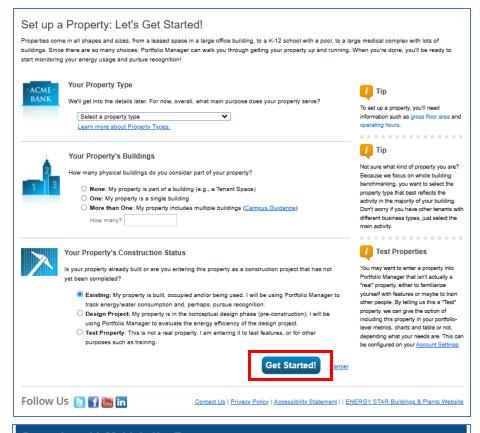
Your Property's Buildings:

- As a general rule, property owners should work to identify building-level data.
- Any building that is separately metered should have a unique property page.
- A property reporting as a campus must input the number of physical buildings under that parent property here.
- Buildings will be required to be reported separately under LL97 beginning in 2030 and must be sub-metered by that time to be considered in compliance with LL97.

Your Property's Construction Status:

• Select existing property.

Click Get Started!



Properties with Multiple Use Types

Some properties include multiple-use types, such as restaurants in hotels, salons in senior living communities, and cafeterias in hospitals. As a general rule, if a certain use commonly occurs in the type of property being benchmarked, do not break it out as a separate Property Use Type. Simply include its square footage with the building's primary use.



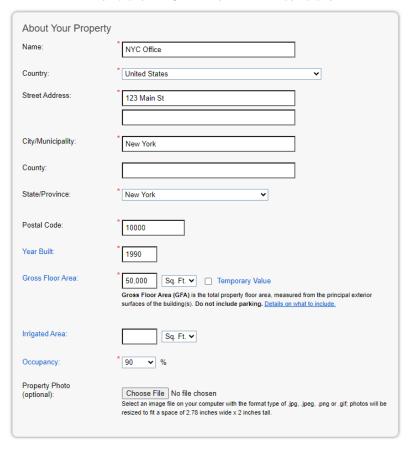
Step 7: Enter Basic Property Information



 Continue to add all Basic Property Information, such as the Address, Year Built, Gross Floor Area, and Occupancy.

Set Up a Property: Basic Property Information

Tell us a little bit more about your property, including a name that you will use to look up your property and its address.





Step 8: Confirm BBL and BIN Information



1. Confirm the BBL on your Property Tax Bill (publicly available at <u>DOF Property Tax Bill search</u>) matches the BBL on the <u>LL97 CBL</u>.

2. Standard ID – City/Town:

Each BBL should be entered in ESPM as 10-digit number: NBBBBBLLLL

• N is your property's borough represented by a number. Borough numbers are as follows: Manhattan = 1, Bronx = 2, Brooklyn = 3,

Queens = 4, Staten Island = 5

 BBBBB; is the 5-digit Block number with additional leading zeros added to the left as needed

Example: 'Block: 845' = 00845

 LLLL is the 4-digit Lot number with additional leading zeros added to the left as needed

Example: 'Lot: 27' = 0027

• <u>BBL Example</u>: A correct BBL entry for a building in **Queens**, with **Block: 234**, and **Lot: 56**, would be entered in the NYC Borough, Block and Lot (BBL) field as: **4002340056**.

3. Standard ID - Other:

Once you have entered your BBL, locate your property NYC Building Identification Number (BIN) at www.nyc.gov/dobnow and enter your building 7-digit BIN number.

Example: 4079215



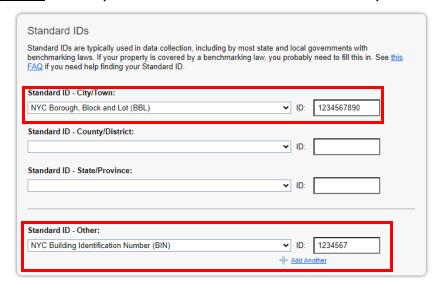


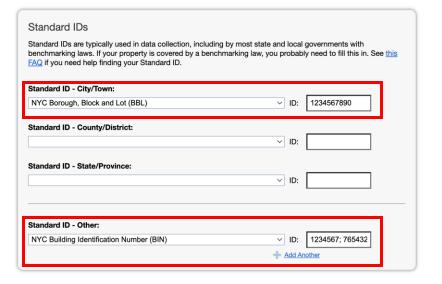
Step 9: Enter Standard IDs



In the **Standard ID**s section, enter your building's Borough, Block, and Lot (BBL) identifier and NYC Building Identification Number (BIN).

- Select the Standard ID City/Town dropdown and select NYC Borough, Block and Lot (BBL). Enter your property's BBL in the field.
- Select the Standard ID Other dropdown and select NYC Building Identification Number (BIN). Enter your property's BIN
 in the field.
- Note: These fields should ONLY include numbers. NO letters or special characters should be used, including slashes, dashes, etc.
- Exception: Multiple Standard IDs should be separated by semicolon without any spaces.





Single BIN

Multiple BINs



Step 10: Select All Applicable Options



• Select any appropriate boxes under **Do any of these apply?** Then, click **Continue**.

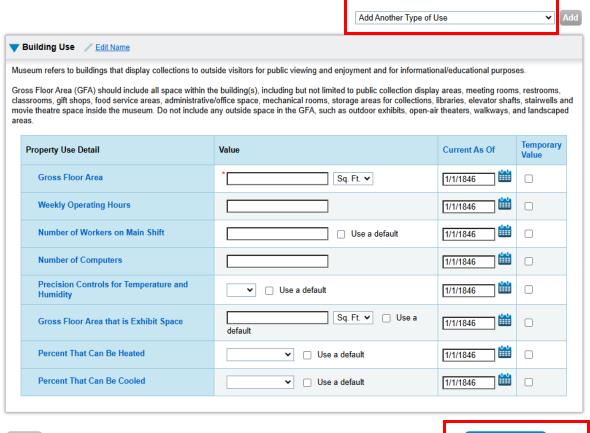
Do any of these apply?						
My property's energy consumption includes parking areas						
My property has a Data Center that requires a constant power load of 75 kW or more						
My property has one or more retail stores (that are eligible for a Retail score).						
My property has one or more restaurants/cafeterias						
My property has a trading floor						



Step 11: Add Property



- On the next page, "Set Up a Property: How is it used?", enter the Property Use Details, e.g., Operating Hours, which vary by Property Type. Avoid using any default values or temporary values and enter accurate data for your property. NOTE: Hover the mouse over blue font section names to see a definition of that field.
- To add another property type, click "Add Another Type of Use" on the top-right, then select a Property Type from the Add Another Type of Use dropdown menu. Click Add.
- Enter Use Details for the property, and then click Save
 Use.
- You may also do this step after creating your building by clicking the property's **Details** tab.
- Click Add Property. Once you have successfully added your property, you will see the property's Summary tab.



Back





Step 12: Complete your Profile



Once you add <u>all</u> your Property Use Details, you can click the Add Property button to finish your profile.

			Add Another Type of U	se	~	Add		
▼ Building Use / Edit Name								
Museum refers to buildings that display collections to outside visitors for public viewing and enjoyment and for informational/educational purposes.								
cla me	Gross Floor Area (GFA) should include all space within the building(s), including but not limited to public collection display areas, meeting rooms, restrooms, classrooms, gift shops, food service areas, administrative/office space, mechanical rooms, storage areas for collections, libraries, elevator shafts, stainwells and movie theatre space inside the museum. Do not include any outside space in the GFA, such as outdoor exhibits, open-air theaters, walkways, and landscaped areas.							
	Property Use Detail	Value		Current As Of	Temporary Value	y		
	Gross Floor Area	* Sq. I	-t. ∨	1/1/1846				
	Weekly Operating Hours			1/1/1846				
	Number of Workers on Main Shift		Jse a default	1/1/1846				
	Number of Computers			1/1/1846				
	Precision Controls for Temperature and Humidity	✓ Use a default		1/1/1846				
	Gross Floor Area that is Exhibit Space	Sq. I	Ft. ✔ □ Use a	1/1/1846				
	Percent That Can Be Heated	✓ Use a defa	ault	1/1/1846				
	Percent That Can Be Cooled	✓ Use a defa	ault	1/1/1846				
В	Back Cancel							



Utility Web Services: Add Meters and Enter Utility Data



Whole building energy and water data can be automatically uploaded to the ESPM account by most utilities. Building owners must request whole building energy consumption data directly from the utility companies. Doing so will relieve you from obtaining usage information from individual tenants.

Consolidated Edison, Inc. (Con Edison) - Visit

- User Guide
- Contact Information: citybenchmarking@coned.com

National Grid - Visit

- User Guide
- National Grid FAQs
- Contact Information: energyefficiency@nationalgrid.com

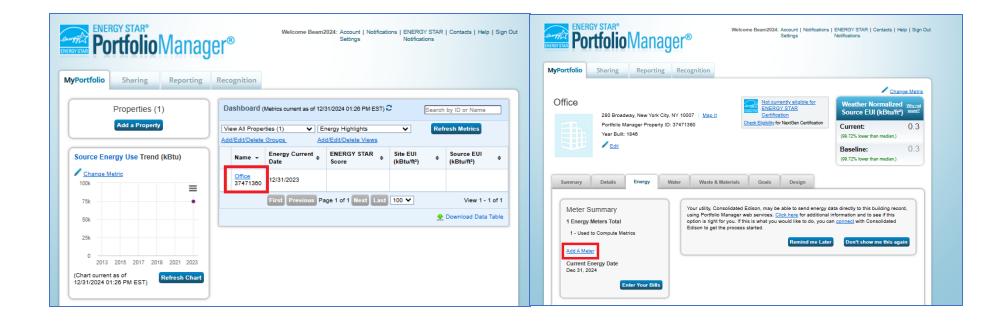
NYC Department of Environmental Protection (DEP)

- User Guide
- Contact Information: <u>waterbenchmarking@dep.nyc.gov</u>.
- <u>NOTE</u>: DEP data is only required when a property is marked as "required to report water" on the Local Law 84 Covered Building List.





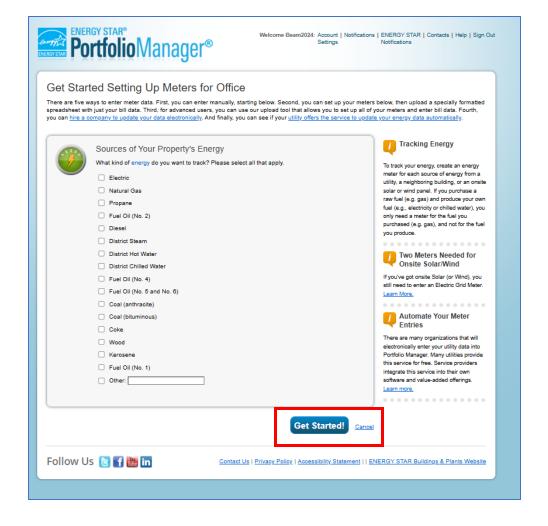
• If you are unable to receive energy use from the utilities, then you may upload data manually. Click on your property from your dashboard on the **MyPortfolio** tab, then, select the **Energy** tab and click **Add a Meter**.







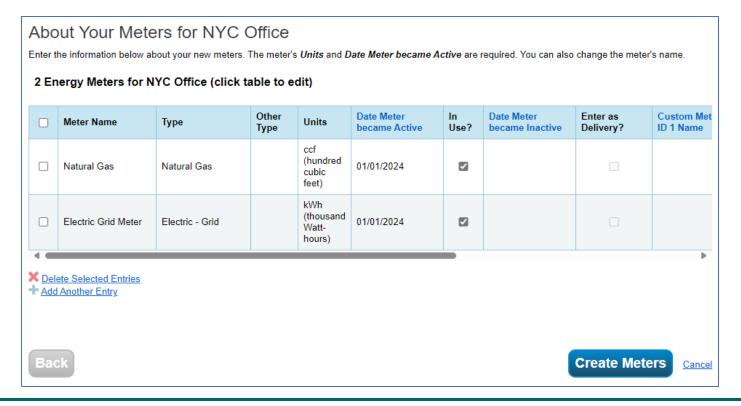
- Select the type of utility used, and the number of meters to create, then click Get Started!
 - Make sure to include <u>all</u> fuel types for your building. For example, if you have a diesel generator that has delivered fuel, you will record this as a "Meter" to track your deliveries over time. All energy types used in your building must be entered.







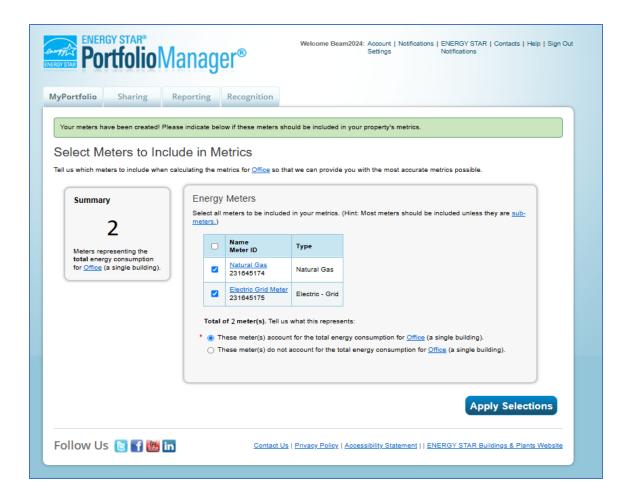
- On the About Your Meters page, click to select the type of units your meter uses and the date the meter became active. Note: Please be sure to select the correct unit for each fuel type.
 - If this meter reflects a bulk fuel purchase for an energy meter, select the Enter as Delivery? checkbox.
 - Click Create Meters.







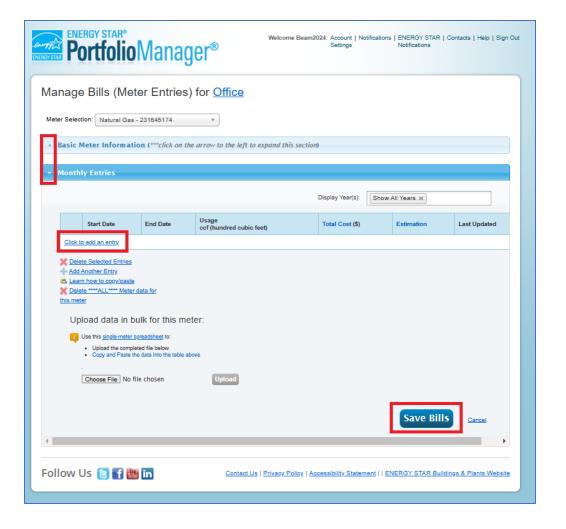
 Select the meters that total your property's energy or water use on the Select Meters to Include in Metrics page. Click Apply Selections.







- Click the blue arrow next to each meter to expand the section on the Meter Entries page.
- Select Click to add an entry under the meter and enter the Start Date, End Date, and Usage. You may also choose to record the Total Cost here, too, but you are not required to do so.
- Once you're finished adding entries, click Save Bills.





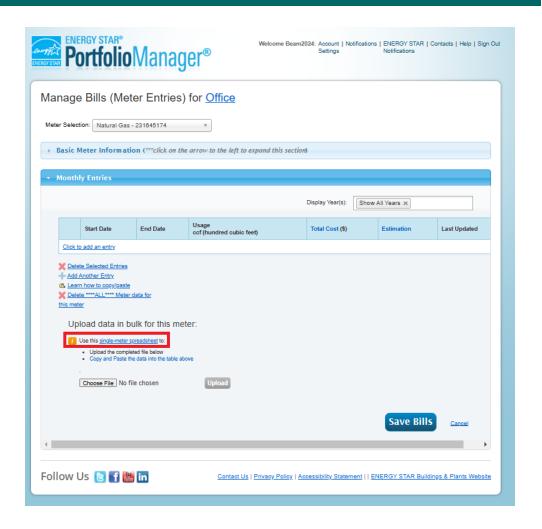
Excel Spreadsheet Uploads: Add Meters and Enter Utility Data



Energy usage can be uploaded to Portfolio Manager using an Excel spreadsheet template. To upload an energy usage spreadsheet, follow the steps below.

- Navigate to the **Energy tab** of the property you would like to upload data to. Select the meter that the data corresponds to.
- On the Manage Bills (Meter Entries) page, click the singlemeter spreadsheet hyperlink to download a spreadsheet template to use for uploading.
- Populate the downloaded spreadsheet with the building's energy usage. Start Date, End Date, and Usage values are required. Be sure to keep existing spreadsheet formatting consistent.



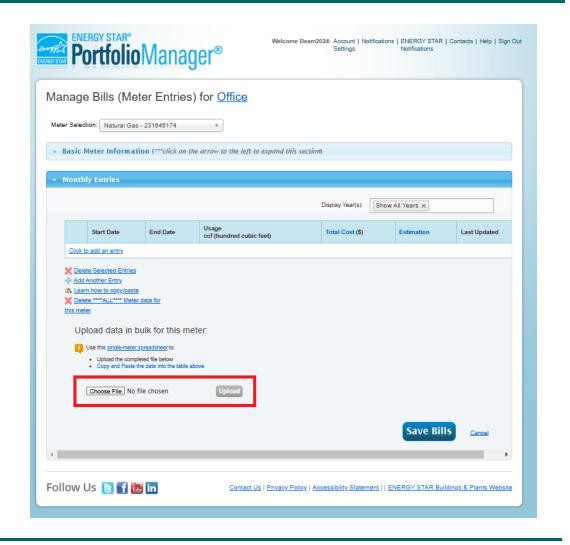




Excel Spreadsheet Uploads: Add Meters and Enter Utility Data



- On the meter entries page, click **Choose File**. Select the file you would like to upload from your computer library. Then, click **Upload**.
- The table will populate with the data from your spreadsheet. Confirm that the Start and End dates, Usage values, and Units are correct.





Critical Information for ESPM



- If your building has benchmarked in the past all Energy Star Portfolio Manager (ESPM) requirements are
 the same, except for new modifications for standard IDs formatting (inclusion of BIN) and method of
 reporting (property sharing).
- All Benchmarking requirements will remain in place for buildings that must comply with Local Law 84 of 2009 (LL84) and Local Law 97 of 2019 (LL97). When adding property types in ESPM please continue to follow ESPM reporting guidelines for benchmarking. BEAM has the option to break out property types more granularly for Local Law 97.
- The Property Data Administrator email for your ESPM account should be the building owner's
 email when creating an ESPM account. If your account is already created on ESPM, we recommend that the
 email be changed to the owner's.
- ESPM data is pulled over from BEAM by BBL and BIN on a nightly basis.
- Please plan ahead and allocate enough time to submitting a LL97 or LL88 report, as there are data exchanges that will prevent reporting from being done in one day.



ESPM Connection: Connect with NYC DOB

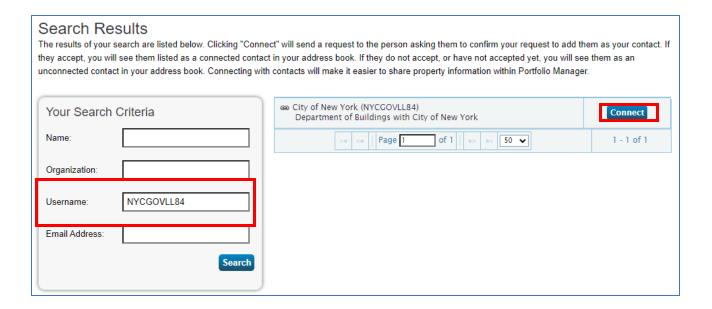


ENERGY STAR 1 Contacts

Notifications

Part 1: Connect with NYC DOB on ESPM

- Log in to your ESPM account by <u>clicking here</u>
- 2. Click on Contacts in the upper right corner. Click on Add New Contacts/Connections.
- 3. Enter NYCGOVLL84 as the username and search. Click Connect.
- 4. Once your connection request is accepted, you will receive an email with the subject "Account Share Accepted." You will also see a **notification** in the top-right corner.





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Welcome lydiashapiro: Account



Part 2: Share your property

Sharing your account does not mean that you are finished submitting energy use data. Now that your account is connected, the next step is to share your property.

- Go to the **Sharing** tab in Portfolio Manager.
- Click Share (or Edit Access) to a property.







- Click on Select Property(ies); a pop-up window with a list of properties will appear.
 Select the properties you'd like to share, then click Apply Selection.
- Please note: If you are sharing a campus with multiple buildings, be sure to share both the parent property and all child buildings associated with the campus.

Share (or Edit Access to) Properties

Sometimes it's really important to be able to share your property with someone else. Maybe they need to help monitor your property, enter energy information (perhaps automatically) or process applications for recognition. If this sounds like what you need, start out by selecting the property(ies) that you'd like to share and who you'd like to share with them. If you have already shared properties, you can also use this form to edit people's access to your properties.



Select Properties

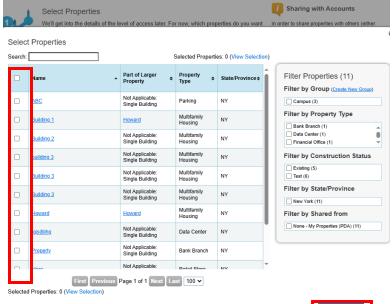
We'll get into the details of the level of access later. For now, which properties do you want to share and/or edit access to?

Select Properties

Selected Properties: 0



In order to share properties with others (either individuals or organizations), you need to be "connected" with them. To make a connection, go to the "Contacts" page and search for them under "Add Contact" or "Add Organization" (they need to have a Portfolio Manager account). Once you find them, send a "Connection" request. When they accept your

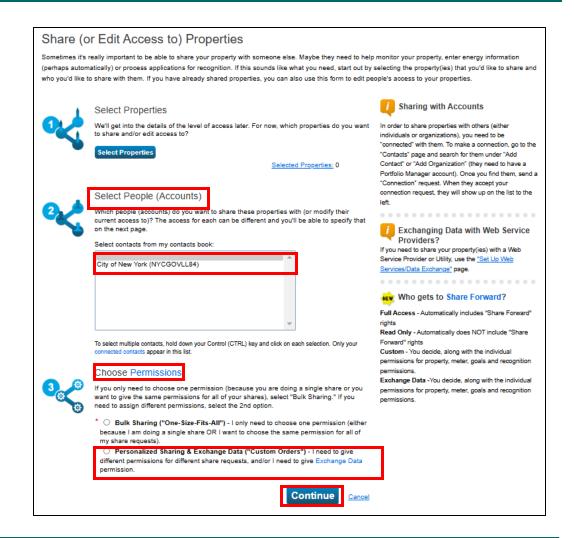








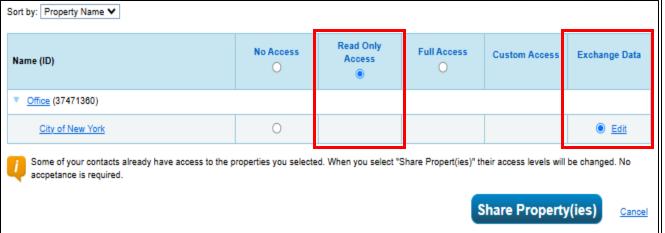
- Under Select People (Accounts) click/highlight City of New York (NYCGOVLL84) as the recipient.
- Under Choose Permissions, select Personalized
 Sharing & Exchange Data ("Custom Orders"), then click
 Continue.

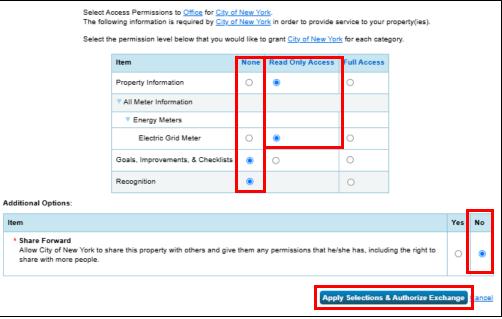






- In the **Sharing** tab, select **Read Only Access** and **Exchange Data** for each property. A pop-up window will appear and allow you to specify the following permission levels per property:
 - Select Read Only Access for Property Information and All Meter Information.
 - Select None for Goals, Improvements, & Checklists and Recognition.
 - Select No for Share Forward
 - Click Apply Selections & Authorize Exchange.



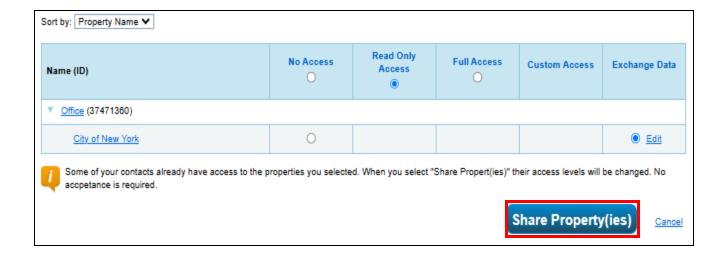






- Once you've completed **Exchange Data** access for each property, click **Share Property(ies)**.

 DOB will then need to approve your share request.
- You will receive a confirmation email within an hour once the property share request has been accepted. If
 you do not receive an email, please check your "Spam" or "Junk" folder.





Manage Shared Properties



- Click on the **Sharing** tab to review/manage Sharing details:
 - View sharing requests in the Sharing Notifications section.
 - Manage your Shared Properties either By Property or By Contact.
 - Every user who has access to a property will be able to see the name of all other users who have access, regardless of their permission levels.

