Portfolio Manager® 201



ENERGY STAR® Portfolio Manager®

Learning Objectives

In this session, you will learn about EPA's ENERGY STAR Portfolio Manager tool and how to:

- Edit property data
- Correct or update property use details
- Use the Data Quality Checker
- Share property data



Portfolio Manager 101

If you're brand new to using Portfolio Manager, these resources are a good place to start:

- Portfolio Manager 101 webinar
- Portfolio Manager Quick Start Guide

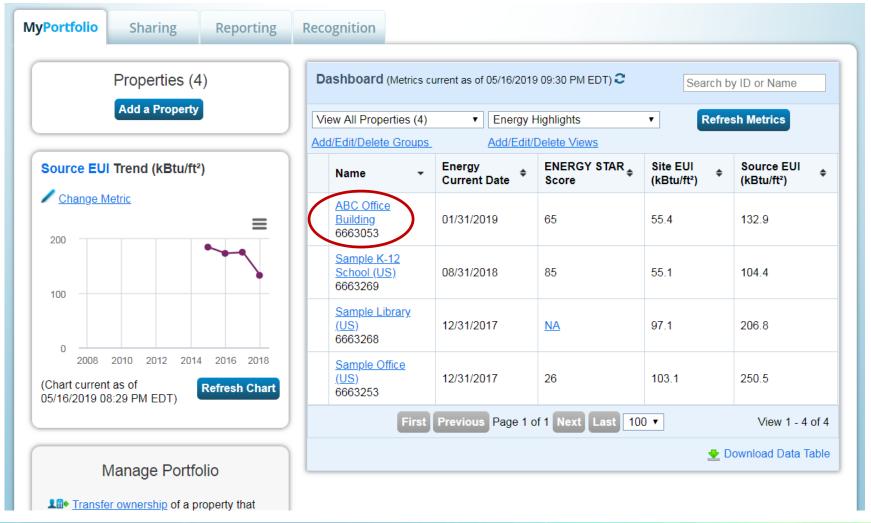


How To

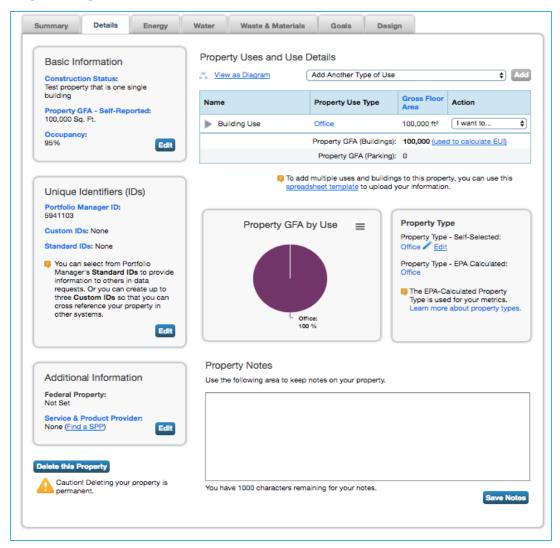
- Edit property data
- Correct or update property use details
- Use the Data Quality Checker
- Share property data



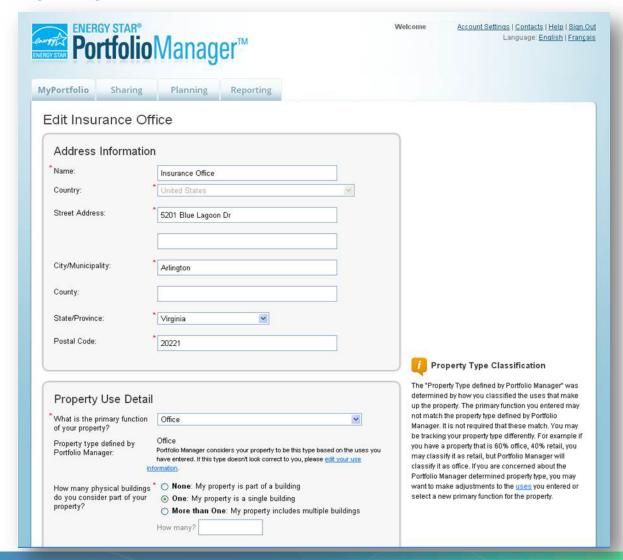
MyPortfolio



Edit Property – Basic Information

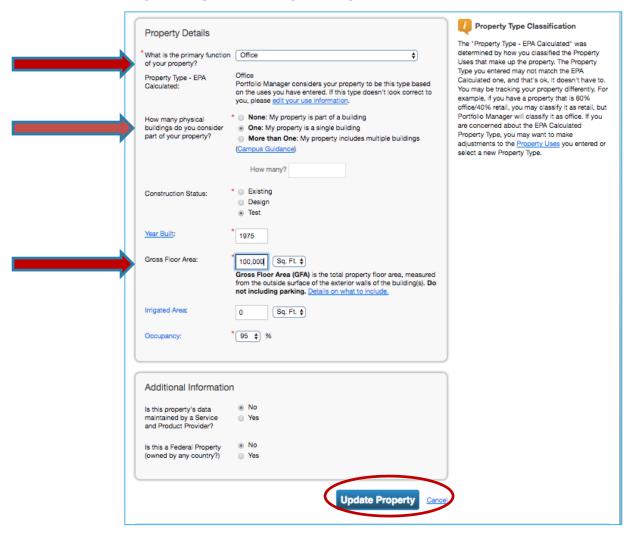


Edit Property – Basic Information





Edit Property – Property Details



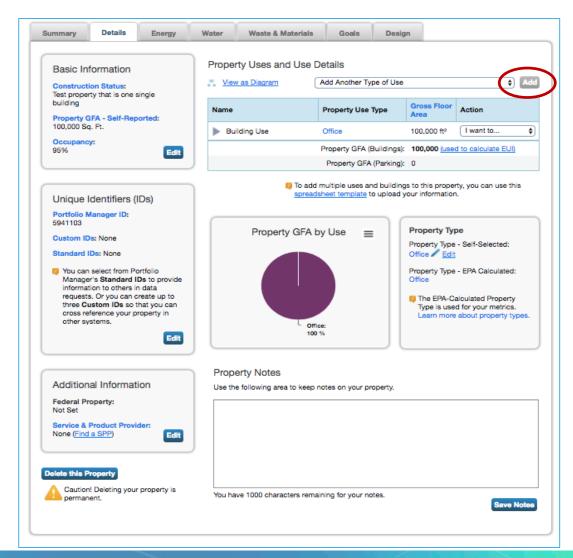


Tip: Defining Property Use Types

- Identify your property's "Primary Function"
 - Pick the property use that best identifies your building
 - More than 80 property types available
- Add additional property uses only if:
 - It is a property use that can get an ENERGY STAR score
 - It accounts for more than 25% of the property's gross floor area (GFA)
 - It is a vacant/unoccupied Office or Medical Office (and is greater than 10% of the property's GFA)
 - The hours of operation differ by more than 10 hours from the main property use



Example: Adding a Separate Property Use for Vacant Space



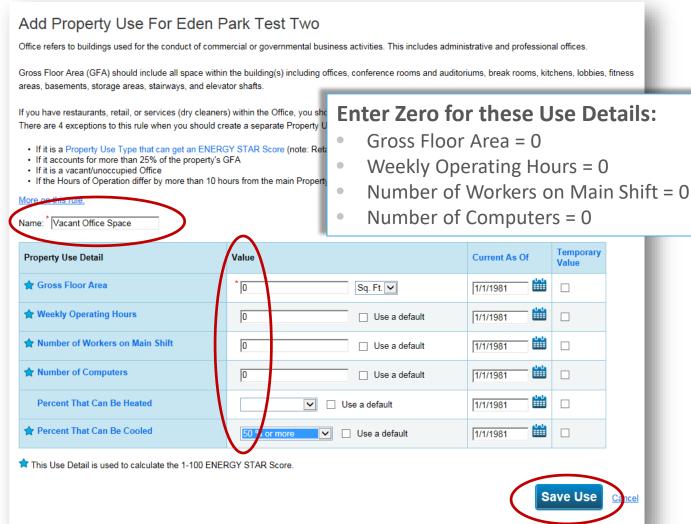
Scenario

Office Building with Gross Floor Area = 100,000 sq. ft.

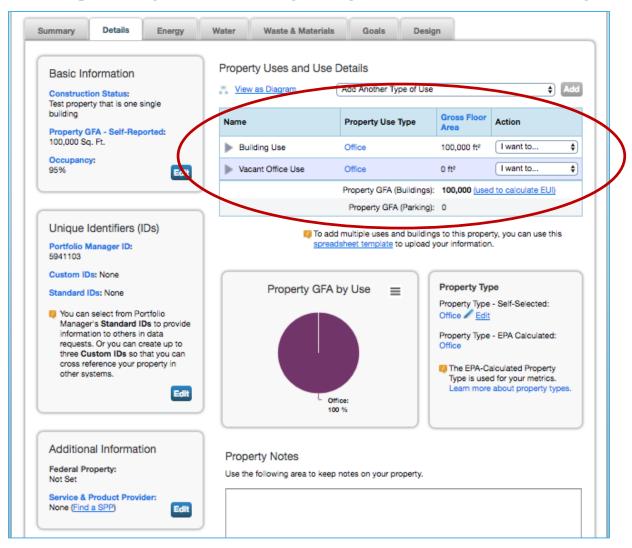
Recently, 10,000 sq. ft. became vacant.

Click "Add" to add another use type ("Office") to account for vacant space.

Example: Adding a Separate Property Use for Vacant Space



Example: Adding a Separate Property Use for Vacant Space



How To

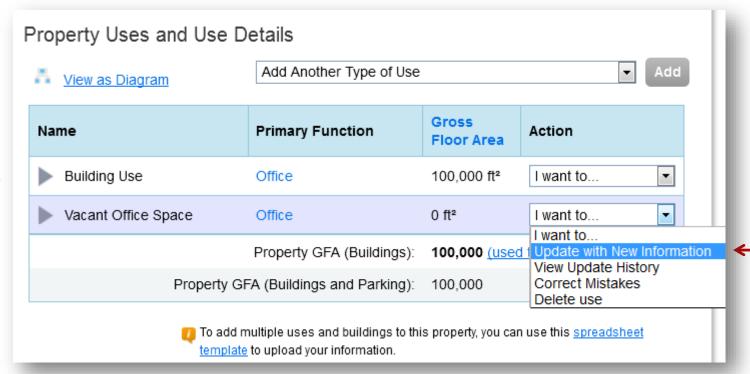
- Edit property data
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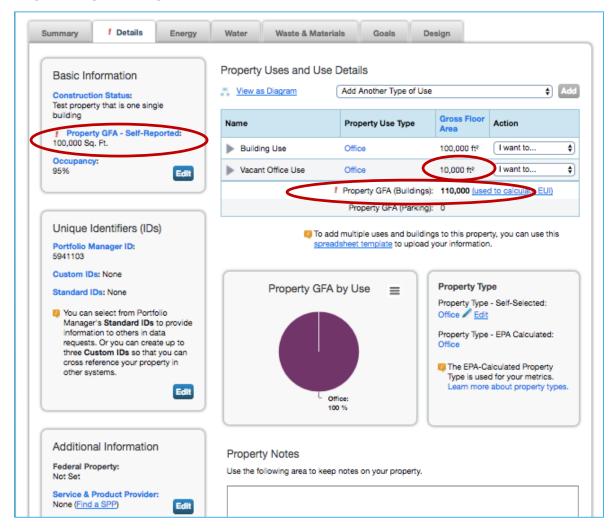
Correct vs. Update

- If you need to make edits to your property use details, you can either "Correct Mistakes" or "Update with New Information"
- "Correct Mistakes" changes a value that was entered in error
 - No historical record of the old value will be kept or factored into your metrics
- "Update with New Information" tracks a value that is changing over time
 - Enter date as of which the new value took effect, so that the tool can account for this when calculating "time-weighted" metrics

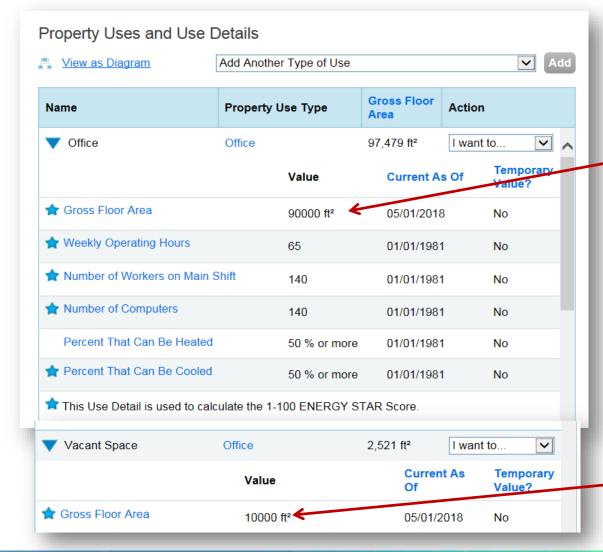
Scenario
10,000 sq. ft.
of space is
vacated



Update Property Use Details It is important to keep the information about how your property is used up to date since this information is used to calculate your performance metrics. Updates that you make here are tracked as part of the History Log. To correct an error that you find, use the History Log. Note: you do not need to provide any new information for details you aren't updating. Property Use Name: * Vacant Office Space Type of Use: Office Temporary Detail **Current Value Updated Value Current As Of** Value 0 Sq. Ft. ross Floor Area ~ 10,000 (as of 01/01/1981) weekly Operating Hours Use a default (as of 01/01/1981) Number of Workers on Main Shift ... Use a default (as of 01/01/1981) Number of Computers Use a default (as of 01/01/1981) 50 % or more Percent That Can Be Heated Use a default (as of 01/01/1981) Percent That Can Be Cooled 50 % or more ☐ Use a default (as of 01/01/1981) This Use Detail is used to calculate the 1-100 ENERGY STAR Score. 🗾 If your property has more than one building, you need to update your Property Use Details (# Workers, Weekly Operating Hours of operation) for both the parent property (campus) and the child properties. It is not done automatically. Learn more about keeping Use Details up to date Save Update

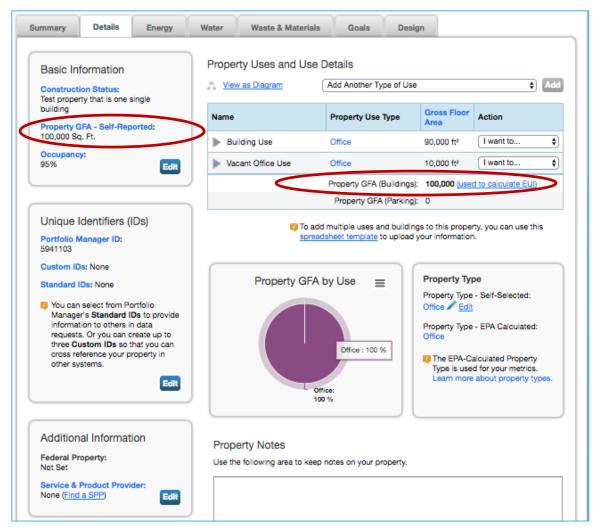


Update Property Use Details It is important to keep the information about how your property is used up to date since this information is used to calculate your performance metrics. Updates that you make here are tracked as part of the *History Log*. To correct an error that you find, use the *History Log*. Note: you do not need to provide any new information for details you aren't updating. Property Use Name: Office Type of Use: Office **Temporary** Detail **Current Value Updated Value Current As Of** Value 100000 Sq. Ft. rea Gross Floor Area 90.000 Sq. Ft. ~ (as of 01/01/1981) * Weekly Operating Hours Use a default (as of 01/01/1981) 140 Number of Workers on Main Shift Use a default (as of 01/01/1981) 140 Number of Computers Use a default (as of 01/01/1981) 50 % or more Percent That Can Be Heated Use a default (as of 01/01/1981) 50 % or more Percent That Can Be Cooled Use a default (as of 01/01/1981) This Use Detail is used to calculate the 1-100 ENERGY STAR Score. 🗾 If your property has more than one building, you need to update your Property Use Details (# Workers, Weekly Operating Hours of operation) for both the parent property (campus) and the child properties. It is not done automatically. Learn more about keeping Use Details up to date Save Update

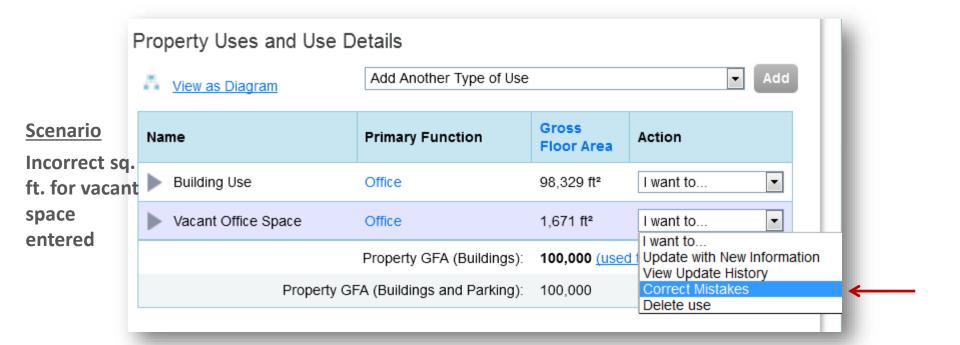


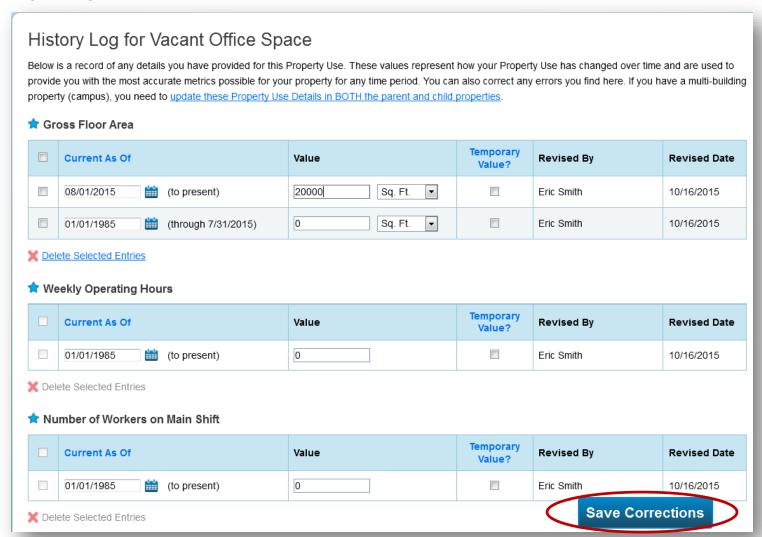
Updated Gross Floor Area

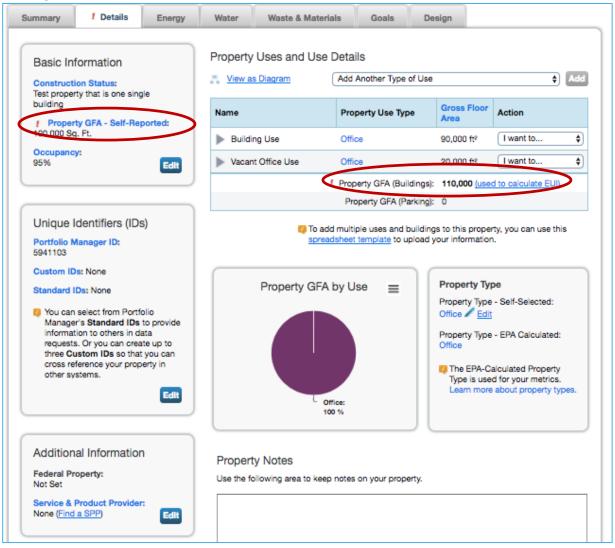
Updated Gross Floor Area



Example of a property accurately set up, accounting for vacant space







History Log for Building Use

Below is a record of any details you have provided for this Property Use. These values represent how your Property Use has changed over time and are used to provide you with the most accurate metrics possible for your property for any time period. You can also correct any errors you find here. If you have a multi-building property (campus), you need to <u>update these Property Use Details in BOTH the parent and child properties</u>.

Gross Floor Area

Current As Of	Value	Temporary Value?	Revised By	Revised Date
08/01/2015 to present)	80000 Sq. Ft. 🔻		Eric Smith	10/16/2015
01/01/1985 iii (through 7/31/2015)	100000 Sq. Ft. •		Eric Smith	10/16/2015

X Delete Selected Entries

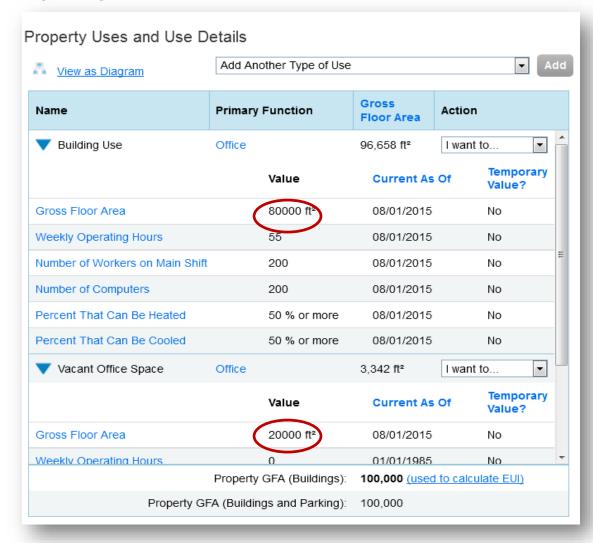
★ Weekly Operating Hours

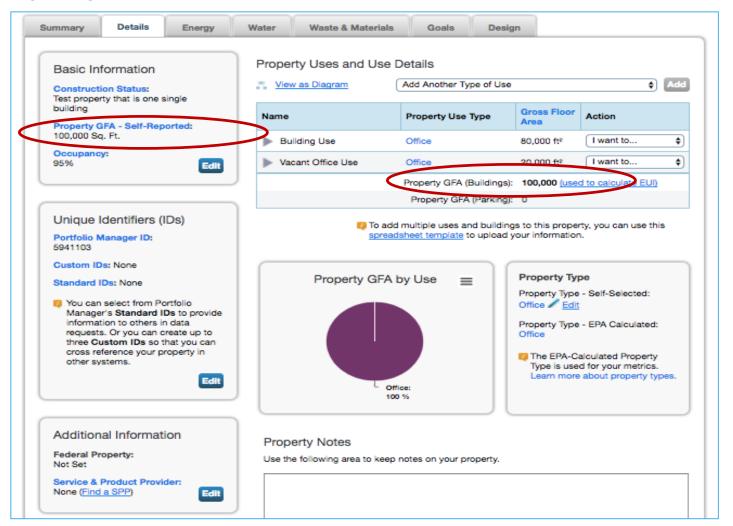
Current As Of	Value	Temporary Value?	Revised By	Revised Date
08/01/2015 to present)	55		Eric Smith	10/16/2015
01/01/1985 through 7/31/2015)	65		Eric Smith	10/16/2015

X Delete Selected Entries

Number of Workers on Main Shift

Current As Of	Value	Temporary Value?	Revised By	Revised Date	
08/01/2015 iii (to present)	200		Eric Smith	10/46/2015	
01/01/1985 (through 7/31/2015)	229		Eric Save Correc	Save Corrections 115	





Correcting/Updating Properties with Multiple Buildings (Campuses)

- When you have a property set up as a campus (e.g., "child" buildings that comprise a "parent" property), you will need to update/correct use details at both the building <u>and</u> property levels.
- If you make a change at the building level, it will not automatically "roll up" to the property level

Pop Quiz!

- 1. If you are editing your building record to indicate that the total number of building occupants had increased, you would use which of the following options?
 - a. Correct mistakes
 - b. Update with new information
- 2. If you are editing your building record because you had entered 10,000 ft² of floorspace instead of 100,000 ft², you would use which of the following options?
 - a. Correct mistakes
 - b. Update with new information
- 3. True or False: in a multi-tenant office building, you would enter each tenant as a separate property use within the building record.
 - a. True
 - b. False



Pop Quiz - Answers

- 1. If you are editing your building record to indicate that the total number of building occupants had increased, you would use which of the following options?
 An increase in building occupants is a meaningful
 - a. Correct mistakes
 - b. Update with new information

change in a property use detail over time. You would want to treat this as an "update" so that Portfolio Manager can use the correct occupant count to calculate metrics before and after the change.

- 2. If you are editing your building record because you had entered 10,000 ft² of floorspace instead of 100,000 ft², you would use which of the following options?

 Fixing a number you entered incorrectly doesn't re
 - a. Correct mistakes
 - b. Update with new information

Fixing a number you entered incorrectly doesn't require a timestamp. You do not want the tool to use the incorrect value; you just want to correct it.

- 3. True or False: in a multi-tenant office building, you would enter each tenant as a separate property use within the building record.
 - a. True
 - b. False

In general, you should enter as few property use types as possible when setting up a property. You should benchmark the all of the floorspace within this property as a single "Office" entry unless any of the special cases on slide 9 are in place at your building. Only in that case would you break out the affected spaces as separate line items for property use.

How To

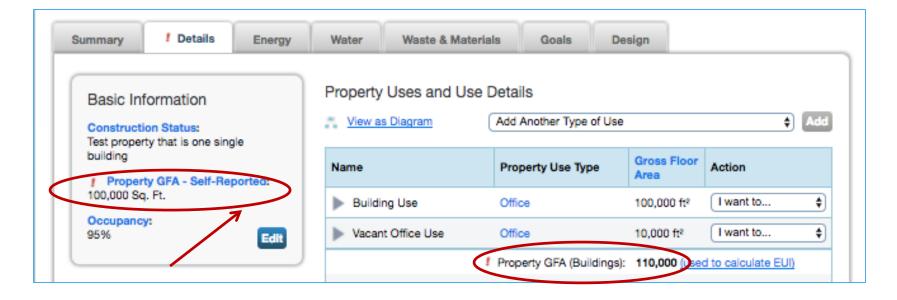
- Edit property data
- Correct or update property use details
- Use the Data Quality Checker
- Share property data



Address Data Quality Alerts

- Portfolio Manager includes built-in features to help users input data correctly, such as:
 - Alerts
 - Tips
 - Easily accessible definitions
- Intended to help catch common data entry mistakes

Gross Floor Area Alert

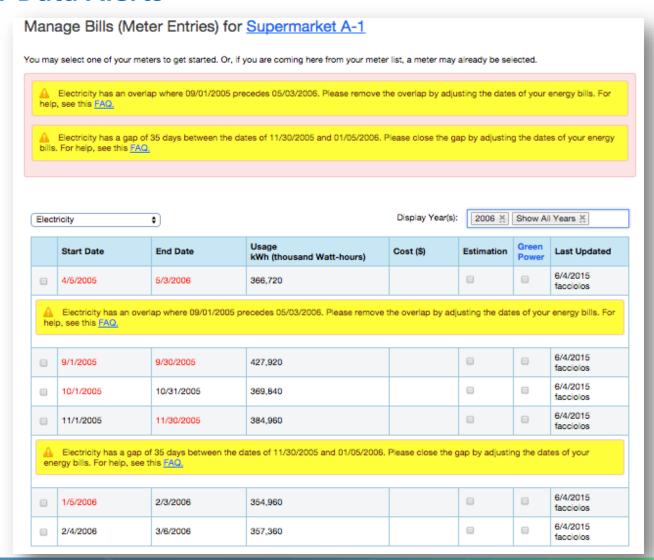


Gross Floor Area originally entered as 100,000 sq. ft. for this property

When "Vacant Space" was added, the Gross Floor Area went up to 110,000 sq. ft.

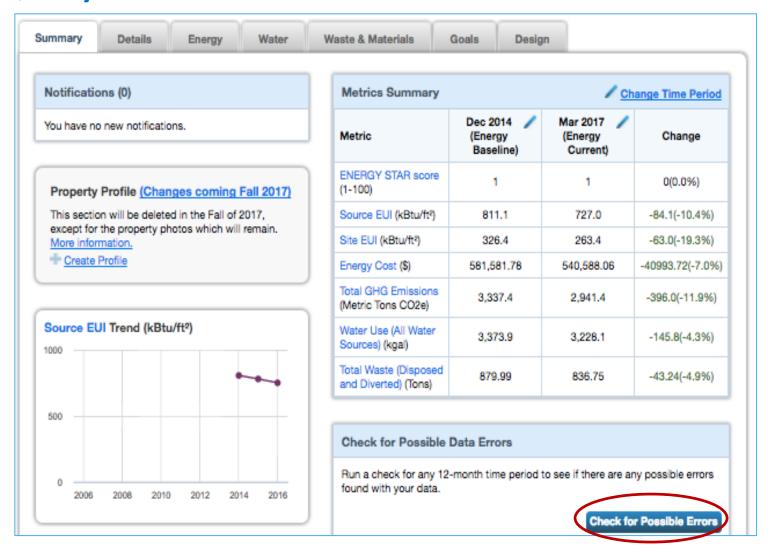
Edit primary building GFA to equal 90,000 sq. ft, to keep total floor area consistent

Meter Data Alerts

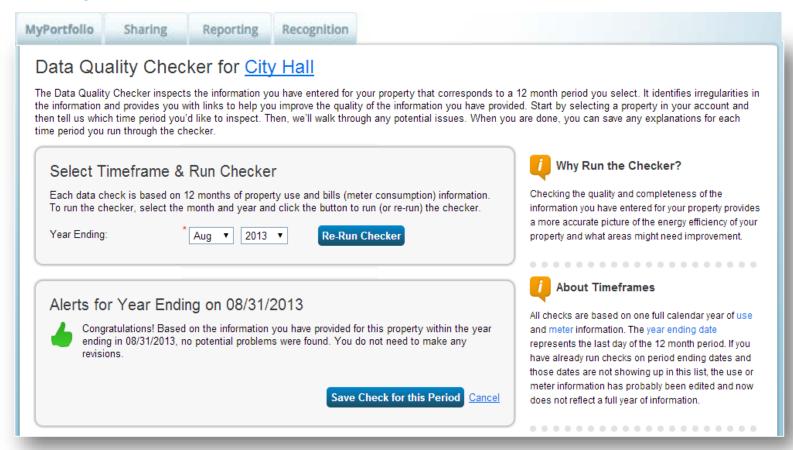




Data Quality Checker



Data Quality Checker



Pop Quiz!

- 4. The Data Quality Checker does all of the following except:
 - a. Identifies erroneous or anomalous data
 - b. Reviews all entries for an individual property for a given 12month period
 - c. Fixes any data errors at your property
 - d. Runs the same checks used during the ENERGY STAR Certification process

Pop Quiz!

- 4. The Data Quality Checker does all of the following except:
 - a. Identifies erroneous or anomalous data
 - b. Reviews all entries for an individual property for a given 12month period
 - c. Fixes any data errors at your property
 - d. Runs the same checks used during the ENERGY STAR
 Certification process

The Data Quality Checker will alert you to potentially erroneous data, but it will not fix it for you. You will need to fix the item(s) in question, using the guidance provided by the Checker.

How To

- Edit property data
- Correct or update property use details
- Use the Data Quality Checker
- Share property data

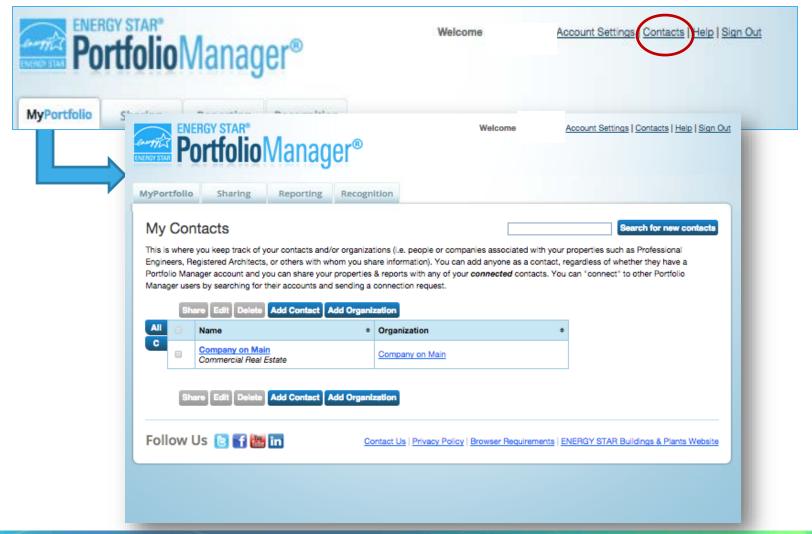


3 Steps to Sharing Properties

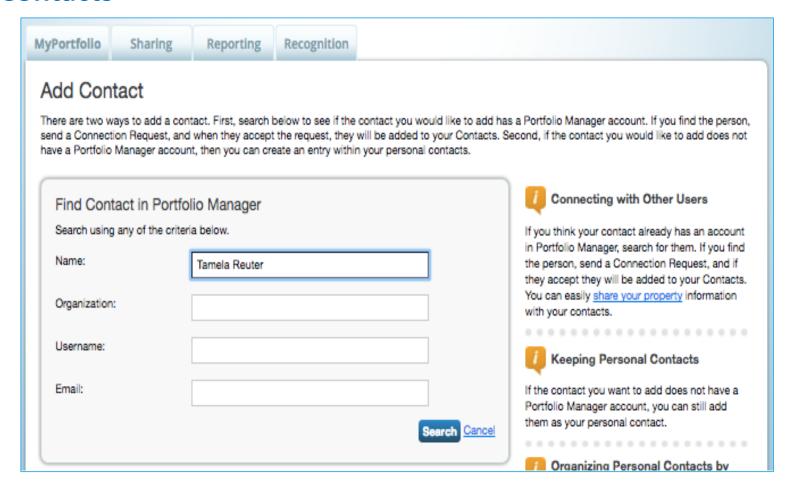
- Confirm you are connected to the person you want to share with on the Contacts page. If needed, send a connection request by clicking on "Add Contact"
- 2. Share one or more of your properties with your connected contacts and specify the level of access the contacts will be granted to view and/or edit your properties
- 3. Review shared properties on the **Sharing** tab

Note: You can reference the 5 minute video, "How to Share Properties in Portfolio Manager" at www.energystar.gov/buildings/training as a refresher, if needed.

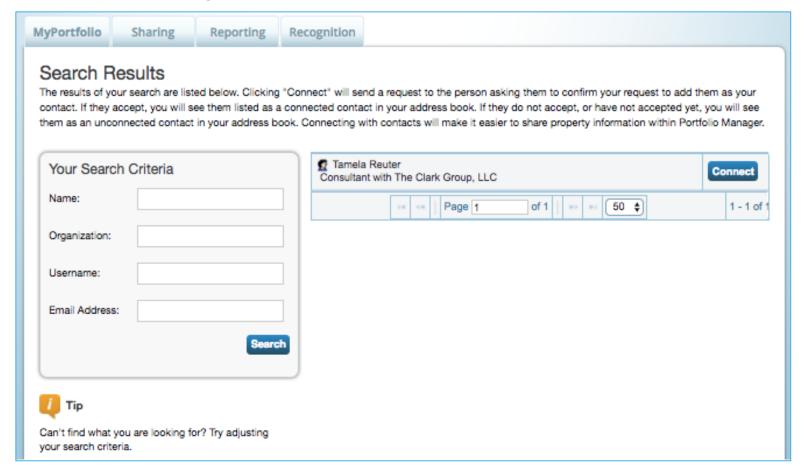
Add and Connect with Contacts



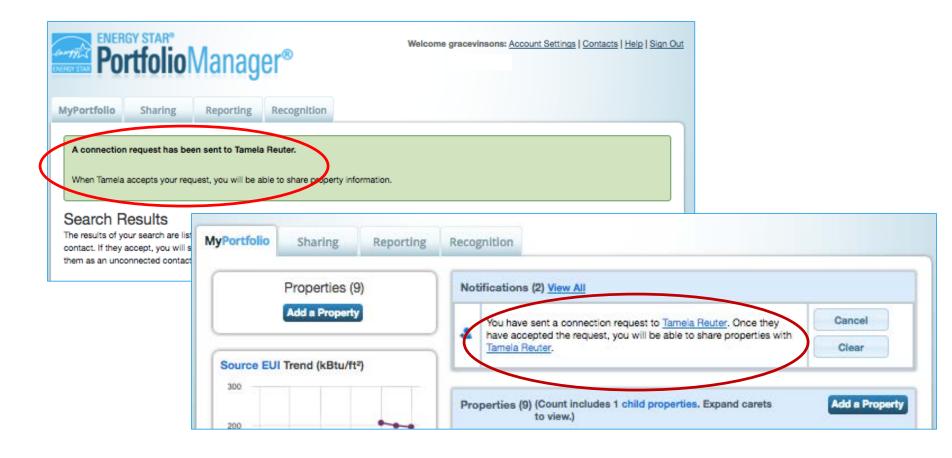
Find Contacts



Send Connection Request to Contact



Connection Request Confirmed



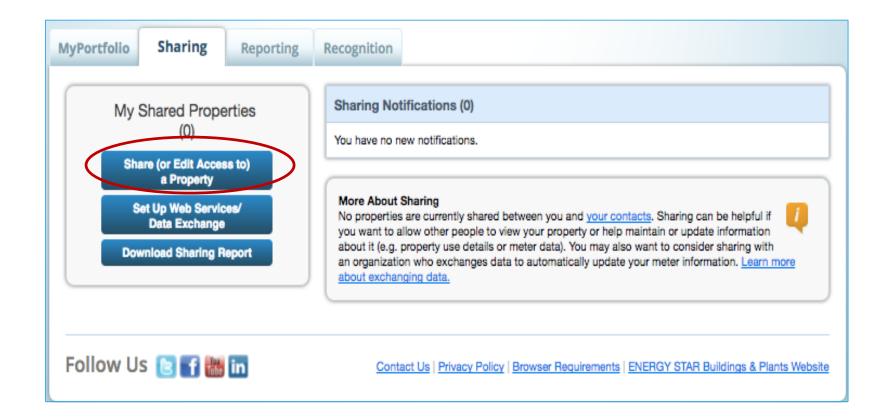
Contact Receives and Accepts Connection Request



Connection Confirmed



Sharing Tab – Overview



Share Your Property: Multiple Properties

One Property
Multiple
Properties
All Properties

MyPortfollo Sha

Sharing

Reporting

Recognition

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?

Multiple Properties



Selected Properties: 0



Select People (Accounts)

Which people (accounts) do you want to share these properties with (or modify their current access to)? The access for each can be different and you'll be able to specify that on the next page.

Select contacts from my contacts book:

DATA REQUESTER, ENERGY STAR ENERGY STAR TRAINING, ENERGY

To select multiple contacts, hold down your Control (CTRL) key and click on each selection. Only your connected contacts appear in this list.



Choose Permissions

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

- * O I am doing a single share OR I want to choose the same permissions for all of my share requests.
- I need to give different permissions for different share requests, and/or I need to give Exchange Data permissions.



Sharing with Accounts

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 "Add Contact" or "Add Organization" page and search for them within Portfolio Manager (they need to have a Portfolio Manager account). Once you find them, send a "Connection" request. After they accept your connection request, they will show up on the list to the left.



Exchanging Data

To get started, first connect with an <u>organization that</u> <u>exchanges data</u>. Once you are connected, their name will appear on the selection list on the left. **Note**, you cannot share in bulk for "exchange data."



Who gets to Share Forward?

Full Access - Automatically includes "Share Forward" rights

Read Only - Automatically does NOT include "Share Forward" rights

Custom - You decide, along with the individual permissions for property, meter, goals and recognition permissions.

Data Exchange -You decide, along with the individual permissions for property, meter, goals and recognition permissions.

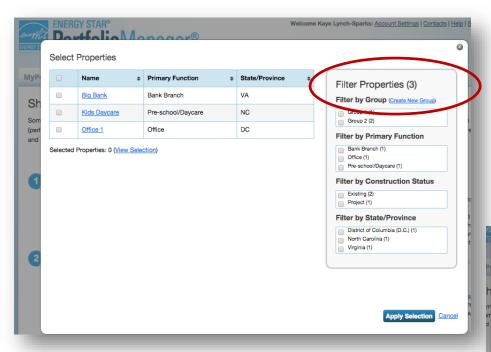
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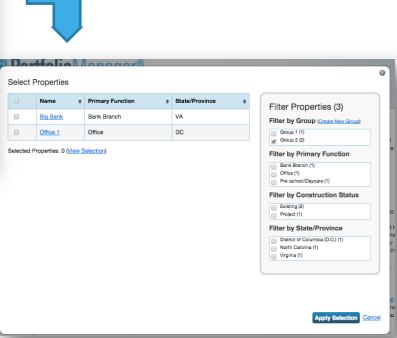


Cance



Share Your Property: Multiple Properties





Choose Permissions – Option 1



Choose Permissions

If you only need to choose one permission (because you are doing a single share or you want to give the same permissions for all of your shares), select "Bulk Sharing." If you need to assign different permissions or share with Data Exchange providers, select the 2nd option.



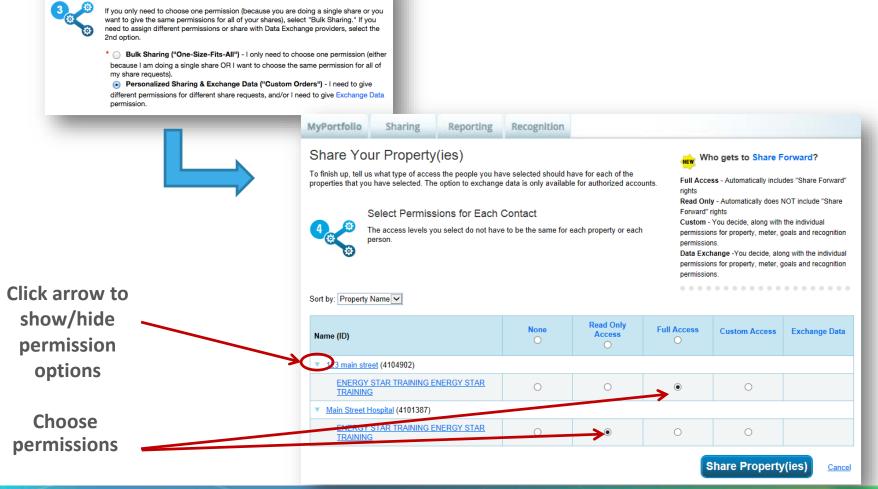
- * Bulk Sharing ("One-Size-Fits-All") I only need to choose one permission (either because I am doing a single share OR I want to choose the same permission for all of my share requests).
 - Read Only Access
 - Full Access
 - Custom Access (meters are all shared at the same level)
 - Exchange Data (You can share in bulk for exchanging data here or you can assign permissions one by one for each property using the radio button below.)
 - Remove Access
- Personalized Sharing & Exchange Data ("Custom Orders") I need to give different permissions for different share requests, and/or I need to give Exchange Data permission.

Share Property(ies)

Cancel

Choose Permissions – Option 2

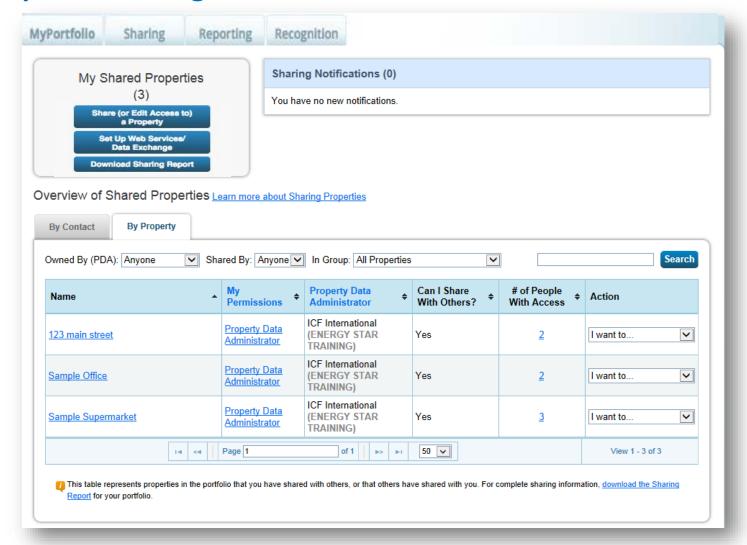
Choose Permissions



Sharing Notifications Appear in Both Accounts

MyPortfolio Sharing Recognition Reporting User who shares a You have successfully shared/edited access to your property(ies). If you shared properties, you will receive a notification when your contact has accepted the property receives a share. If you edited access to current permissions, the edits have been made, no acceptance is required. notification **Sharing Notifications (1)** My Shared Properties Hotel Building 1 - Sharing request sent to ENERGY STAR TRAINING Cancel Clear **ENERGY STAR TRAINING** Share (or Edit Access to) a Property Set Up Web Services/ **Download Sharing Report** MyPortfolio Sharing Reporting Recognition User with whom a property is shared Sharing Notifications (1) My Shared Properties also receives a Hotel Building 1 - Shared from Andrew Schulte (Full Access) Accept Reject notification Share (or Edit Access to) a Property Set Up Web Services/ **Data Exchange Download Sharing Report**

Edit/Update Sharing Permissions



Sharing Rules: Granting and Editing Access

Access Level	Ability to Edit Share Permissions
Property Data Administrator	Can edit anyone's sharing permissions
Full Access	Can edit anyone's sharing permissions except for the Property Data Administrator
Read Only	Cannot edit anyone's access
Custom	Can only edit sharing permissions for those people with whom they directly shared
Exchange Data	Can only edit sharing permissions for those people with whom they directly shared

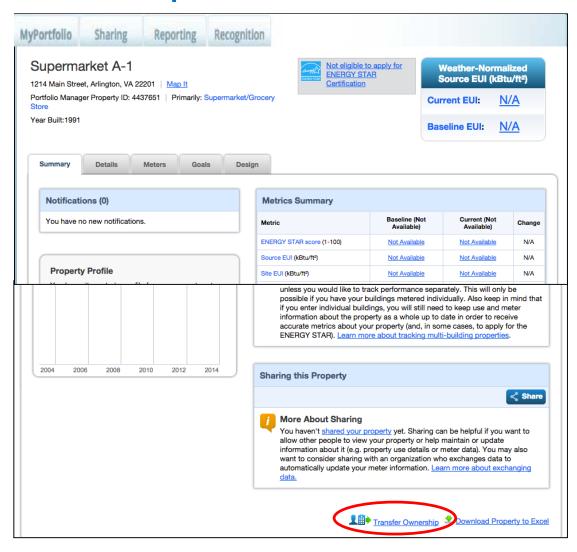
→ No other users can edit access for the Property Data Administrator



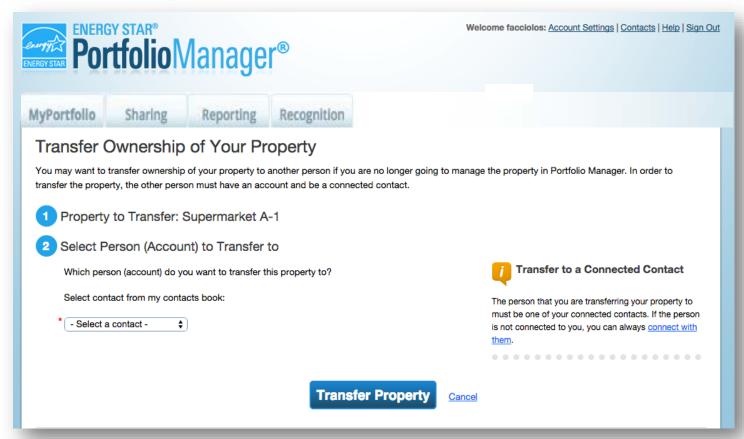
Share Forward

- Full Access
 - Always includes the ability to share forward
- Read Only Access
 - Never includes the ability to share forward
- Custom Access
 - Ability to share forward is an optional right
 - You choose if you want people to share forward
- Exchange Data
 - Ability to share forward is an optional right
 - You choose if you want people to share forward

Transfer Ownership



Transfer Ownership



Pop Quiz!

- 5. True or False: in order to share a property record with another Portfolio Manager user, you must first be connected to them.
 - a. True
 - b. False
- 6. True or False: if you share a property record with another Portfolio Manager user, you must allow them full read/write access to your data.
 - a. True
 - b. False

Pop Quiz!

- 5. True or False: in order to share a property record with another Portfolio Manager user, you must first be connected to them.
 - a. True
 - b. False

Before you can "share" a property with another PM user, you must be "connected" at the account level.

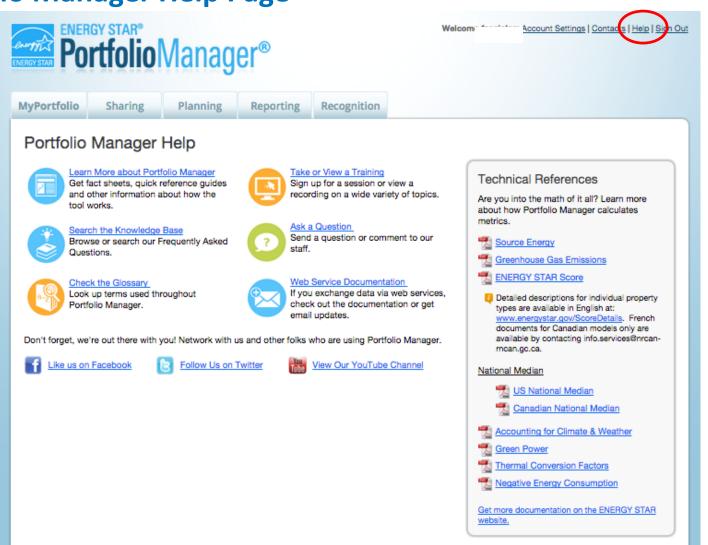
- 6. True or False: if you share a property record with another Portfolio Manager user, you must allow them full read/write access to your data.
 - a. True
 - b. False

When you share with other PM users, you can provide varying levels of access, including read-only, or a combination of full access and read-only for various elements of your property.

Recap

- In this training, we learned how to:
 - Edit property data
 - Correct or update property use details
 - Use the Data Quality Checker
 - Share property data

Portfolio Manager Help Page



Extra Help

- Visit www.energystar.gov/buildingshelp
 - Expanded 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
 - Information on upcoming trainings
- Register for regular webinars at: http://esbuildings.webex.com
- Portfolio Manager Technical Reference Series:
 http://www.energystar.gov/index.cfm?c=evaluate performance.bus portfoliomanager model tech desc

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

